# **DEPARTMENT OF THE ARMY**

# **Procurement Programs**



Committee Staff Procurement Backup Book Fiscal Year (FY) 2010 Budget Estimates

WEAPONS AND TRACKED COMBAT VEHICLES, ARMY

## DEPARTMENT OF THE ARMY

### FY 2010 PROCUREMENT PROGRAM (WORKSETS INCLUDED) President's Budget 2010/11

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#### DEPARTMENT OF THE ARMY

**EXHIBIT P-1** 

## FY 2010 PROCUREMENT PROGRAM (WORKSETS INCLUDED)

President's Budget 2010/11

 APPROPRIATION SUMMARY
 DOLLARS IN THOUSANDS

 APPROPRIATION
 FY 2008
 FY 2009
 FY 2010

 Procurement of W&TCV, Army
 9,444,989
 5,665,827
 3,211,418

 TOTAL PROCUREMENT PROGRAM
 9,444,989
 5,665,827
 3,211,418

#### DEPARTMENT OF THE ARMY

**EXHIBIT P-1** 

# FY 2010 PROCUREMENT PROGRAM (WORKSETS INCLUDED)

President's Budget 2010/11

 APPROPRIATION
 Procurement of W&TCV, Army

 DOLLARS IN THOUSANDS

ACTIVITY

|       |                                   | FY 2008   | FY 2009   | FY 2010   |
|-------|-----------------------------------|-----------|-----------|-----------|
| 01    | Tracked combat vehicles           | 7,663,761 | 4,618,454 | 2,297,530 |
| 02    | Weapons and other combat vehicles | 1,781,228 | 1,047,373 | 913,888   |
| APPRO | PRIATION TOTALS                   | 9,444,989 | 5,665,827 | 3,211,418 |

#### DEPARTMENT OF THE ARMY

## FY 2010 PROCUREMENT PROGRAM (WORKSETS INCLUDED)

President's Budget 2010/11

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APPROPRIATION Procurement of W&TCV, Army

ARMORED BREACHER VEHICLE (G82925)

**ACTIVITY 01 Tracked combat vehicles** 

**DOLLARS IN THOUSANDS** 

63,250

**EXHIBIT P-1** 

|         |   |    | FY 2008   | FY 2 | 009       | FY 2010 |           |     | 2010    |     |           |
|---------|---|----|-----------|------|-----------|---------|-----------|-----|---------|-----|-----------|
|         |   |    |           |      | _         | В       | ASE       | C   | СО      | 7   | TOTAL     |
| Line No | ITEM NOMENCLATURE                               | ID | QTY COST  | QTY  | COST      | QTY     | COST      | QTY | COST    | QTY | COST      |
| TRAC    | CKED COMBAT VEHICLES                            |    |           |      |           |         |           |     |         |     |           |
|         |   |    |           |      |           |         |           |     |         |     |           |
| 1       | BRADLEY PROGRAM (G80718)                        | В  | 1,677,885 |      | 394,800   |         |           |     |         |     |           |
| 2       | BRADLEY TRAINING DEVICES (MOD) (GZ2500)         | Α  | 4,652     |      | 10,954    |         |           |     |         |     |           |
| 2       | BRADLET TRAINING DEVICES (MOD) (G22300)         | ^  | 4,002     |      | 10,934    |         |           |     |         |     |           |
| 3       | ABRAMS TANK TRAINING DEVICES (GB1300)           | Α  |           |      | 2,991     |         |           |     |         |     |           |
|         |   |    |           |      |           |         |           |     |         |     |           |
| 4       | STRYKER VEHICLE (G85100)                        |    | 2,792,070 |      | 1,308,984 |         | 388,596   |     |         |     | 388,596   |
|         |   |    |           |      |           |         |           |     |         |     |           |
| 5       | Future Combat Systems: (FCS) (G86100)           |    | -50,832   |      | (156,140) |         | (26,087)  |     |         |     |           |
|         | Less: Advance Procurement (PY)                  |    |           |      | (-28,100) | _       | (-26,087) |     |         |     |           |
|         | F + 0 + 1 + 0 + (F20) (200400)                  |    | 50,832    |      | 128,040   | _       | 0         |     |         |     |           |
| 6       | Future Combat Systems: (FCS) (G86100)           |    | 20.422    |      | 00.007    |         |           |     |         |     |           |
|         | Advance Procurement (CY)                        |    | 28,100    |      | 26,087    |         |           |     |         |     |           |
| 7       | FCS SPIN OUTS (G86200)                          | В  |           |      | -25,499   |         | (329,059) |     |         |     | (329,059) |
| •       | Less: Advance Procurement (PY)                  | _  |           |      | (-1,370)  |         | (-43,139) |     |         |     | (-43,139) |
|         | , ,   |    |           |      | 24,129    | _       | 285,920   |     |         | -   | 285,920   |
| 8       | FCS SPIN OUTS (G86200)                          |    |           |      |           |         |           |     |         |     | ,-        |
|         | Advance Procurement (CY)                        |    | 1,370     |      | 43,139    |         | 42,001    |     |         |     | 42,001    |
|         |   |    |           |      |           |         |           |     |         |     | ·         |
|         | SUB-ACTIVITY TOTAL                              |    | 4,554,909 |      | 1,939,124 |         | 716,517   | ·-  | 0       |     | 716,517   |
|         |   |    |           |      |           |         |           |     |         |     |           |
| MOD     | IFICATION OF TRACKED COMBAT VEHICLES            |    |           |      |           |         |           |     |         |     |           |
| 9       | FIST VEHICLE (MOD) (GZ2300)                     |    | 160,361   |      | 33,327    |         | 34,192    |     | 36,000  |     | 70,192    |
| 9       | TIOT VEHICLE (MOD) (G22300)                     |    | 100,301   |      | 33,327    |         | 34,192    |     | 36,000  |     | 70,192    |
| 10      | BRADLEY PROGRAM (MOD) (GZ2400)                  | Α  | 181,893   |      | 852,005   |         | 526,356   |     | 243,600 |     | 769,956   |
|         | , , ,   |    |           |      |           |         |           |     | ,,,,,,  |     | ,         |
| 11      | HOWITZER, MED SP FT 155MM M109A6 (MOD) (GA0400) | Α  | 60,448    |      | 28,828    |         | 96,503    |     | 37,620  |     | 134,123   |
|         |   |    |           |      |           |         |           |     |         |     |           |
| 12      | IMPROVED RECOVERY VEHICLE (M88A2 HERCULES) (GAI | Α  | 281,524   |      | 369,110   |         | 96,814    |     |         |     | 96,814    |
|         |   |    |           |      |           |         |           |     |         |     |           |

63,250

Α

44,846

#### **EXHIBIT P-1**

4,618,454

1,980,310

317,220

2,297,530

# DEPARTMENT OF THE ARMY FY 2010 PROCUREMENT PROGRAM (WORKSETS INCLUDED)

## President's Budget 2010/11

**ACTIVITY TOTAL** 

| APPROPRIATION | Procurement of W&TCV, Army                  | ACTIVITY 01 | Tracked comba | DOLLARS IN THOUSANDS |      |           |     |           |     |         |     |           |
|---------------|---|-------------|---------------|----------------------|------|-----------|-----|-----------|-----|---------|-----|-----------|
|               |   |             | FY            | 2008                 | FY 2 | 2009      |     |           | FY  | 2010    |     |           |
|               |   |             |               |                      |      |           |     | BASE      | (   | осо     | Т   | OTAL      |
| Line No       | ITEM NOMENCLATURE                           | ID          | QTY           | COST                 | QTY  | COST      | QTY | COST      | QTY | COST    | QTY | COST      |
| 14            | JOINT ASSAULT BRIDGE (GZ3001)               | Α           |               | 10,313               |      | 40,345    |     | 70,637    |     |         |     | 70,637    |
| 15            | M1 ABRAMS TANK (MOD) (GA0700)               | Α           |               | 1,123,087            |      | 766,462   |     | 183,829   |     |         |     | 183,829   |
| 16            | ABRAMS UPGRADE PROGRAM (GA0750)             | Α           |               | 1,238,672            |      | 580,543   |     | 185,611   |     |         |     | 185,611   |
|               | SUB-ACTIVITY TOTAL                          |             |               | 3,101,144            |      | 2,670,620 |     | 1,257,192 |     | 317,220 |     | 1,574,412 |
| SUPPOR        | RT EQUIPMENT AND FACILITIES                 |             |               |                      |      |           |     |           |     |         |     |           |
| 17            | ITEMS LESS THAN \$5.0M (TCV-WTCV) (GL3100)  |             |               |                      |      | 1,595     |     |           |     |         |     |           |
| 18            | PRODUCTION BASE SUPPORT (TCV-WTCV) (GA0050) |             |               | 7,708                |      | 7,115     |     | 6,601     |     |         |     | 6,601     |
|               | SUB-ACTIVITY TOTAL                          |             | -             | 7,708                |      | 8,710     |     | 6,601     |     | 0       |     | 6,601     |

7,663,761

### FY 2010 PROCUREMENT PROGRAM (WORKSETS INCLUDED) President's Budget 2010/11

APPROPRIATION Procurement of W&TCV, Army

**ACTIVITY 02 Weapons and other combat vehicles** 

**DOLLARS IN THOUSANDS** 

FY 2008

FY 2009

FY 2010

|         |  |     | 1 1 2000  |     | 2003    |     |         |     | 2010    |     |         |
|---------|--|-----|-----------|-----|---------|-----|---------|-----|---------|-----|---------|
|         |  |     |           |     | _       | BAS | E       | (   | осо     | Т   | OTAL    |
| Line No | ITEM NOMENCLATURE                                      | ID  | QTY COST  | QTY | COST    | QTY | COST    | QTY | COST    | QTY | COST    |
| WEA     | PONS AND OTHER COMBAT VEHICLES                         |     |           |     |         |     |         |     |         |     |         |
| 19      | HOWITZER, LIGHT, TOWED, 105MM, M119 (G01300)           | Α   | 117,234   |     | 112,598 |     | 95,631  |     |         |     | 95,631  |
| 20      | M240 Medium Machine Gun (7.62mm) (G13000)              | Α   | 101,491   |     | 83,990  |     | 32,919  |     |         |     | 32,919  |
| 21      | MACHINE GUN, CAL .50 M2 ROLL (GB2000)                  | Α   | 57,281    |     | 99,586  |     | 84,588  |     |         |     | 84,588  |
| 22      | LIGHTWEIGHT .50 CALIBER MACHINE GUN (G12800)           | Α   |           |     |         |     | 977     |     |         |     | 977     |
| 23      | M249 SAW Machine Gun (5.56mm) (G12900)                 | Α   | 45,919    |     | 22,069  |     | 7,535   |     |         |     | 7,535   |
| 24      | MK-19 Grenade Machine Gun (40mm) (G13400)              | Α   | 64,413    |     | 17,277  |     | 7,700   |     |         |     | 7,700   |
| 25      | Mortar Systems (G02200)                                |     | 53,619    |     | 16,975  |     | 14,779  |     |         |     | 14,779  |
| 26      | M107, CAL. 50, SNIPER RIFLE (G01500)                   |     | 784       |     | 222     |     | 224     |     |         |     | 224     |
| 27      | XM320 GRENADE LAUNCHER MODULE (GLM) (G01501)           | Α   | 30,167    |     | 31,662  |     | 16,023  |     | 13,900  |     | 29,923  |
| 28      | M110 SEMI-AUTOMATIC SNIPER SYSTEM (SASS) (G01505)      | Α   | 10,389    |     | 7,385   |     | 6,223   |     |         |     | 6,223   |
| 29      | M4 Carbine (G14904)                                    | Α   | 178,341   |     | 150,610 |     | 20,500  |     |         |     | 20,500  |
| 30      | SHOTGUN, MODULAR ACCESSORY SYSTEM (MASS) (G18:         | Α   | 10,065    |     | 9,070   |     | 6,945   |     |         |     | 6,945   |
| 31      | Common Remotely Operated Weapons Station (CROWS) (G047 | 00) | 223,212   |     | 279,500 |     |         |     | 235,000 |     | 235,000 |
| 32      | HANDGUN (G15325)                                       | Α   |           |     | 1,962   |     | 3,389   |     |         |     | 3,389   |
| 33      | HOWITZER LT WT 155MM (T) (G01700)                      |     | 470,591   |     | 112,871 |     | 49,572  |     | 107,996 |     | 157,568 |
|         | SUB-ACTIVITY TOTAL                                     |     | 1,363,506 |     | 945,777 |     | 347,005 |     | 356,896 |     | 703,901 |

### President's Budget 2010/11

APPROPRIATION Procurement of W&TCV, Army

**ACTIVITY 02 Weapons and other combat vehicles** 

DOLLARS IN THOUSANDS

FY 2008

FY 2009

FY 2010

|         |  |    |          |     |        | BASE |         | C   | oco    | T   | OTAL    |
|---------|--|----|----------|-----|--------|------|---------|-----|--------|-----|---------|
| Line No | ITEM NOMENCLATURE                                  | ID | QTY COST | QTY | COST   | QTY  | COST    | QTY | COST   | QTY | COST    |
| MODI    | FICATION OF WEAPONS AND OTHER COMBAT VEHICLES      |    |          |     |        |      |         |     |        |     |         |
| 34      | MK-19 Grenade Machine Gun MODS (GB3000)            |    | 6,2      | 22  | 7,631  |      | 8,164   |     |        |     | 8,164   |
| 35      | M4 CARBINE MODS (GB3007)                           | Α  | 132,8    | 90  | 16,746 |      | 31,472  |     |        |     | 31,472  |
| 36      | M2 50 Cal Machine Gun MODS (GB4000)                | В  | 21,6     | 65  | 12,500 |      | 7,738   |     | 27,600 |     | 35,338  |
| 37      | M249 SAW Machine Gun MODS (GZ1290)                 |    | 25,2     | 79  | 7,067  |      | 7,833   |     | 20,900 |     | 28,733  |
| 38      | M240 Medium Machine Gun MODS (GZ1300)              | Α  | 14,6     | 35  | 21,066 |      | 17,964  |     | 4,800  |     | 22,764  |
| 39      | PHALANX MODS (GL1000)                              | Α  | 138,2    | 28  |        |      |         |     |        |     |         |
| 40      | M119 MODIFICATIONS (GC0401)                        | Α  | 1,7      | 32  | 961    |      | 25,306  |     | 21,250 |     | 46,556  |
| 41      | M16 RIFLE MODS (GZ2800)                            | Α  | 5,9      | 05  | 1,178  |      | 4,186   |     |        |     | 4,186   |
| 42      | MODIFICATIONS LESS THAN \$5.0M (WOCV-WTCV) (GC0925 | )  | 23,0     | 92  | 3,752  |      | 6,164   |     |        |     | 6,164   |
| 47      | M14 7.62 Rifle (MOD) (GZ2801)                      |    |          |     |        |      |         |     | 5,800  |     | 5,800   |
|         | SUB-ACTIVITY TOTAL                                 |    | 369,6    | 98  | 70,901 |      | 108,827 |     | 80,350 |     | 189,177 |

APPROPRIATION Procurement of W&TCV, Army

**ACTIVITY 02 Weapons and other combat vehicles** 

DOLLARS IN THOUSANDS

FY 2008

FY 2009

FY 2010

|         |   |    |     |           |     | _         | BASE |           | 000 |         | TOTAL |           |
|---------|---|----|-----|-----------|-----|-----------|------|-----------|-----|---------|-------|-----------|
| Line No | ITEM NOMENCLATURE                               | ID | QTY | COST      | QTY | COST      | QTY  | COST      | QTY | COST    | QTY   | COST      |
| SUPI    | PORT EQUIPMENT AND FACILITIES                   |    |     |           |     |           |      |           |     |         |       |           |
| 43      | ITEMS LESS THAN \$5.0M (WOCV-WTCV) (GL3200)     |    |     | 7,511     |     | 2,181     |      | 551       |     | 5,000   |       | 5,551     |
| 44      | PRODUCTION BASE SUPPORT (WOCV-WTCV) (GC0050)    |    |     | 27,616    |     | 19,986    |      | 9,855     |     |         |       | 9,855     |
| 45      | INDUSTRIAL PREPAREDNESS (GC0075)                |    |     | 945       |     | 7,282     |      | 392       |     |         |       | 392       |
| 46      | SMALL ARMS EQUIPMENT (SOLDIER ENH PROG) (GC0076 | 6) |     | 11,952    |     | 1,246     |      | 5,012     |     |         |       | 5,012     |
|         | SUB-ACTIVITY TOTAL                              |    |     | 48,024    |     | 30,695    |      | 15,810    |     | 5,000   |       | 20,810    |
|         | ACTIVITY TOTAL                                  |    |     | 1,781,228 |     | 1,047,373 |      | 471,642   |     | 442,246 |       | 913,888   |
| APPI    | ROPRIATION TOTAL                                |    |     | 9,444,989 |     | 5,665,827 |      | 2,451,952 |     | 759,466 |       | 3,211,418 |

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| 024         | G13400 | MK-19 Grenade Machine Gun (40mm)                 | 148  |
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| 047  | GZ2801 | M14 7.62 RIFLE MODS                        | 281  |

| Exhibit P-40, Budget It   | em Justification S | Sheet   |                                 |                              |                           | Date:       |            |
|---|--------------------|---------|---------------------------------|------------------------------|---------------------------|-------------|------------|
| Exhibit 1 -40, Buaget 10  | em sustification c | nicci   |                                 |                              |                           | M           | ay 2009    |
| Appropriation / Budget Activity / Seria<br>Procurement of W&TCV, Army / 1 / |                    |         |                                 | P-1 Item Nomencla<br>BRADLEY | nture<br>PROGRAM (G80718) | ·           |            |
| Program Elements for Code B Items:  | Code               | e:<br>A | d Program Elements:<br>3735.371 |                              |                           |             |            |
|   | Prior Years        | FY      | 2008                            | FY 2009                      | FY 2010                   | To Complete | Total Prog |
| Proc Qty  | 270                | 6       | 524                             | 94                           |                           |             | 3324       |
| Gross Cost  | 7279.              | 7       | 1677.9                          | 394.8                        |                           |             | 9352.4     |
| Less PY Adv Proc  | 22.                | 5       |                                 |                              |                           |             | 22.5       |
| Plus CY Adv Proc  | 22.                | 5       |                                 |                              |                           |             | 22.5       |
| Net Proc P1   | 7279.              | 7       | 1677.9                          | 394.8                        |                           |             | 9352.4     |
| Initial Spares  |                    |         |                                 |                              |                           |             |            |
| Total Proc Cost   | 7279.              | 7       | 1677.9                          | 394.8                        |                           |             | 9352.4     |
| Flyaway U/C   |                    |         |                                 |                              |                           |             |            |
| Weapon System Proc U/C  | 2.                 | 7       | 3.2                             | 4.2                          |                           |             | 10.1       |
|   |                    |         |                                 |                              |                           |             |            |

### Description:

The Bradley Program recapitalizes (RECAP) earlier variants of the Bradley to A2 Operation Desert Storm (ODS) and A3 variants. The Bradley A2 ODS provides greater lethality, survivability, and sustainability and remains complementary with the M1A1 AIM (Abrams Integrated Management) tank. The Bradley A3 is also not only more lethal, survivable, sustainable but provides enhanced command and control, improved situational awareness and enemy/friendly force location. The Bradley A3 will maintain combat overmatch over current and future threat forces and teams with the M1A2 Abrams SEP (System Enhancement Program) tank capabilities. All systems will be acquired through the Bradley Integrated Management (BIM) process which is a Public-Private Partnership between the original equipment manufacture (OEM), BAE, and Red River Army Depot. The BIM process provides long-term sustainment and modernization of the Bradley Vehicle Fleet.

### Justification:

FY10 has no funding.

FY2008 FY2009

Active QTY 524 94

Gross Cost \$1,584.961 \$394.800

National Guard QTY

Gross Cost \$ 92.924

| Exhibit P-5, Weapon WTCV Cost Analysis | Appropriation/Budget Activity/Serial No:<br>Procurement of W&TCV, Army / 1 / Track<br>vehicles |  |            |             |           |            | Weapon Syster | Weapon System Type: |            | May 2009 |           |
|--|--|--|------------|-------------|-----------|------------|---------------|---------------------|------------|----------|-----------|
| WTCV                                   |  |  |            | FY 08 FY 09 |           |            |               | FY 10               |            |          |           |
| Cost Elements                          |  |  | Total Cost | Qty         | Unit Cost | Total Cost | Qty           | Unit Cost           | Total Cost | Qty      | Unit Cost |
|  |  |  | \$000      | Units       | \$000     | \$000      | Units         | \$000               | \$000      | Units    | \$000     |
| BRADLEY PROGRAM (A2)                   |  |  | 92924      |             |           |            |               |                     |            |          |           |
| BRADLEY PROGRAM (A3)                   |  |  | 1584961    | 524         | 3025      | 394800     | 94            | 4200                |            |          |           |
|  |  |  |            |             |           |            |               |                     |            |          |           |
| Total:                                 |  |  | 1677885    |             |           | 394800     |               |                     |            |          |           |

| Exhibit P-40, Budget Item  | Justification S                          | Sheet  |         |   |                 | Date:       | y 2009     |  |  |  |
|--|--|--------|---------|---|-----------------|-------------|------------|--|--|--|
| Appropriation / Budget Activity / Seri<br>Procurement of W&TCV, Army / 1   |  |        |         | P-1 Item Nomenclature<br>BRADLEY PROGRAM (M2A2/) (G80716) |                 |             |            |  |  |  |
| Program Elements for Code B Items:   |  | Code:  |         | ogram Elements:   | ogram Elements: |             |            |  |  |  |
|  | Prior Years                              |        | FY 2008 | FY 2009   | FY 2010         | To Complete | Total Prog |  |  |  |
| Proc Qty   |  | 987    |         |   |                 |             | 987        |  |  |  |
| Gross Cost   | 2  | 2583.3 | 92.9    |   |                 |             | 2676.3     |  |  |  |
| Less PY Adv Proc   |  |        |         |   |                 |             |            |  |  |  |
| Plus CY Adv Proc   |  |        |         |   |                 |             |            |  |  |  |
| Net Proc P1  | 2  | 2583.3 | 92.9    |   |                 |             | 2676.3     |  |  |  |
| Initial Spares   |  |        |         |   |                 |             |            |  |  |  |
| Total Proc Cost  | 2  | 2583.3 | 92.9    |   |                 |             | 2676.3     |  |  |  |
| Flyaway U/C  |  |        |         |   |                 |             |            |  |  |  |
| Weapon System Proc U/C   |  | 2.6    |         |   |                 |             | 2.6        |  |  |  |
| Description: The Bradley Program recapitalizes (R. Reserve component forces. The ODS systems, enhanced armor protection, a Justification: FY10 has no funding. FY08 funding supports the National Components of the Program of State (R. Reserve components) and the Program of State (R. Reserve components) are supported by the Program of State (R. Reserve components) are supp | Supgrade increases the nd a spall liner. |        |         |   |                 |             |            |  |  |  |

| Exhibit P-5, Weapon WTCV Cost Analysis | Appropriation/Budget Activity/Serial No:<br>Procurement of W&TCV, Army / 1 / Track<br>vehicles | red com |            |       | menclature:<br>GRAM (M2A2/) | (G80716)   |       | Weapon Syste | em Type:   | Date: | May 2009  |
|--|--|---------|------------|-------|-----------------------------|------------|-------|--------------|------------|-------|-----------|
| WTCV                                   |  | ID      |            | FY 08 |                             |            | FY 09 |              |            | FY 10 |           |
| Cost Elemen                            | ts   | CD      | Total Cost | Qty   | Unit Cost                   | Total Cost | Qty   | Unit Cost    | Total Cost | Qty   | Unit Cost |
|  |  |         | \$000      | Units | \$000                       | \$000      | Units | \$000        | \$000      | Units | \$000     |
| ODS Program                            |  |         |            |       |                             |            |       |              |            |       |           |
| ODS Vehicles                           |  |         |            |       |                             |            |       |              |            |       |           |
| Other GFE (New)                        |  |         |            |       |                             |            |       |              |            |       |           |
| Other GFE (Reman)                      |  |         |            |       |                             |            |       |              |            |       |           |
| ODS Situational Awareness              |  |         | 92924      | 1     |                             |            |       |              |            |       |           |
| Contractor Engineering                 |  |         |            |       |                             |            |       |              |            |       |           |
| Government Engineering                 |  |         |            |       |                             |            |       |              |            |       |           |
| Project Management Administration      |  |         |            |       |                             |            |       |              |            |       |           |
| Reimbursable Matrix Support            |  |         |            |       |                             |            |       |              |            |       |           |
| System Test and Evaluation             |  |         |            |       |                             |            |       |              |            |       |           |
| Peculiar Support Equipment             |  |         |            |       |                             |            |       |              |            |       |           |
| Fielding                               |  |         |            |       |                             |            |       |              |            |       |           |
| Total:                                 |  |         | 92924      | ı     |                             |            |       |              |            |       |           |

| Exhibit P-40, Budget Item  | <b>Justification Sheet</b> |       |        |                                 |                                 | Date:       | ay 2009    |
|--|----------------------------|-------|--------|---------------------------------|---------------------------------|-------------|------------|
| Appropriation / Budget Activity / Serial<br>Procurement of W&TCV, Army / 1 / 7 |                            |       |        | P-1 Item Nomencla<br>BRADLEY    | ture<br>PROGRAM (M2A3) (G80717) | 111         | uy 2009    |
| Program Elements for Code B Items:   | Code:                      | A     |        | l Program Elements:<br>3735.371 |                                 |             |            |
|  | Prior Years                | FY 20 | 008    | FY 2009                         | FY 2010                         | To Complete | Total Prog |
| Proc Qty   | 1719                       |       | 524    | 94                              |                                 |             | 2337       |
| Gross Cost   | 4506.8                     |       | 1585.0 | 394.8                           |                                 |             | 6486.6     |
| Less PY Adv Proc   | 22.5                       |       |        |                                 |                                 |             | 22.5       |
| Plus CY Adv Proc   | 22.5                       |       |        |                                 |                                 |             | 22.5       |
| Net Proc P1  | 4506.8                     |       | 1585.0 | 394.8                           |                                 |             | 6486.6     |
| Initial Spares   |                            |       |        |                                 |                                 |             |            |
| Total Proc Cost  | 4506.8                     |       | 1585.0 | 394.8                           |                                 |             | 6486.6     |
| Flyaway U/C  |                            |       |        |                                 |                                 |             |            |
| Weapon System Proc U/C   | 2.6                        |       | 3.0    | 4.2                             |                                 |             | 9.8        |

#### **Description:**

The Bradley Program recapitalizes (RECAP) earlier variants of the Bradley to A2 Operation Desert Storm (ODS) and A3 variants. The Bradley A2 ODS provides greater lethality, survivability, and sustainability and remains complementary with the M1A1 AIM (Abrams Integrated Management) tank. The Bradley A3 is also not only more lethal, survivable, sustainable but provides enhanced command and control, improved situational awareness and enemy/friendly force location. The Bradley A3 will maintain combat overmatch over current and future threat forces and teams with the M1A2 Abrams SEP (System Enhancement Program) tank capabilities. All systems will be acquired through the Bradley Integrated Management (BIM) process which is a Public-Private Partnership between the original equipment manufacture (OEM), BAE, and Red River Army Depot. The BIM process provides long-term sustainment and modernization of the Bradley Vehicle Fleet.

#### Justification:

FY10 has no funding.

FY08/FY09 funding supports the Active.

| Exhibit P-5, Weapon WTCV Cost Analysis | Appropriation/Budget Activity/Serial No:<br>Procurement of W&TCV, Army / 1 / Track<br>vehicles | ed com |            |       | menclature:<br>GRAM (M2A3) (0 | G80717)    |       | Weapon System | n Type:    | Date: | May 2009  |
|--|--|--------|------------|-------|-------------------------------|------------|-------|---------------|------------|-------|-----------|
| WTCV                                   |  | ID     | <u>'</u>   | FY 08 |                               |            | FY 09 |               |            | FY 10 |           |
| Cost Element                           | ts   | CD     | Total Cost | Qty   | Unit Cost                     | Total Cost | Qty   | Unit Cost     | Total Cost | Qty   | Unit Cost |
|  |  |        | \$000      | Units | \$000                         | \$000      | Units | \$000         | \$000      | Units | \$000     |
| HARDWARE                               |  |        |            |       |                               |            |       |               |            |       |           |
| Vehicle                                |  | Α      | 1175148    | 524   | 2243                          | 253800     | 94    | 2700          |            |       |           |
| Forward Looking Infrared (FLIR)        |  |        | 106252     |       |                               | 19159      |       |               |            |       |           |
| Other GFE New                          |  |        | 122772     |       |                               | 22024      |       |               |            |       |           |
| Other GFE Reman                        |  |        | 9729       |       |                               | 1887       |       |               |            |       |           |
| Sub total                              |  |        | 1413901    |       |                               | 296870     |       |               |            |       |           |
| Other Production Cost                  |  |        |            |       |                               |            |       |               |            |       |           |
| Engineering - Government               |  |        | 12411      |       |                               | 10000      |       |               |            |       |           |
| Engineering - Contractor               |  |        | 60513      |       |                               | 44930      |       |               |            |       |           |
| Project Management Administration      |  |        | 7418       |       |                               | 7500       |       |               |            |       |           |
| Reimbursable Matrix Support            |  |        | 7295       |       |                               | 7500       |       |               |            |       |           |
| Test                                   |  |        | 7000       |       |                               | 5000       |       |               |            |       |           |
| Sub total                              |  |        | 94637      |       |                               | 74930      |       |               |            |       |           |
| Peculiar Support Equipment             |  |        | 25723      |       |                               |            |       |               |            |       |           |
| Fielding                               |  |        | 28000      |       |                               | 8500       |       |               |            |       |           |
| A3 Diagnostics                         |  |        |            |       |                               |            |       |               |            |       |           |
| Training Devices                       |  |        | 22700      |       |                               | 14500      |       |               |            |       |           |
| Sub Total                              |  |        | 76423      |       |                               | 23000      |       |               |            |       |           |
| GROSS P-1 END COST                     |  |        | 1584961    |       |                               | 394800     |       |               |            |       |           |
| LESS: PRIOR YEAR ADV PROC              |  |        |            |       |                               |            |       |               |            |       |           |
| <b>NET P-1 FULL FUNDING COST</b>       |  |        |            |       |                               |            |       |               |            |       |           |
| PLUS: P-1 CY ADV PROC                  |  |        |            |       |                               |            |       |               |            |       |           |
| OTHER NON P-1 COSTS                    |  |        |            |       |                               |            |       |               |            |       |           |
| INITIAL SPARES                         |  |        |            |       |                               |            |       |               |            |       |           |
| MODS                                   |  |        |            |       |                               |            |       |               |            |       |           |
| TOTAL                                  |  |        |            |       |                               |            |       |               |            |       |           |
| Total:                                 |  |        | 1584961    |       |                               | 394800     |       |               |            |       |           |

| Exhibit P-5a, Budget Procurement  | History        | and Planning            |                                |   |            |                           |              |                    | ate:<br>1ay 2009       | ,                      |                     |
|---|----------------|-------------------------|--------------------------------|---|------------|---------------------------|--------------|--------------------|------------------------|------------------------|---------------------|
| Appropriation/Budget Activity/Serial No: Procurement of W&TCV, Army/ 1/ Tracked combat vehicles |                | Weapon System Type:     | P-1 Line Item<br>BRADLEY Pl    | Nomenclature:<br>ROGRAM (M2A3) (G80717) |            |                           |              |                    |                        |                        |                     |
| WBS Cost Elements:  |                | Contractor and Location | Contract<br>Method and<br>Type | Location of PCO                         | Award Date | Date of First<br>Delivery | QTY<br>Units | Unit Cost<br>\$000 | Specs<br>Avail<br>Now? | Date<br>Revsn<br>Avail | RFI<br>Issu<br>Date |
| Vehicle   |                |                         |                                |   |            |                           |              |                    |                        |                        |                     |
| FY 2008   | BAE<br>YORK PA |                         | SS/FFP                         | TACOM                                   | Mar 08     | Nov 09                    | 524          | 2243               | YES                    |                        |                     |
| FY 2009   | BAE<br>YORK PA |                         | SS/FFP                         | TACOM                                   | Jun 09     | Feb 11                    | 94           | 2700               | YES                    |                        |                     |

REMARKS:

|         |        | FY 07  | / 08 BU        | JDGET      | Γ PR(       | ODUC        | CTIO        | N SCI       | HEDU        | LE          |             |             | P-1 ITEN<br>BRADL |             |             |             | (G8071      | 7)          |             |             |             | Dat         | e:          | May 20      | 009         |             |             |             |          |
|---------|--------|--------|----------------|------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|----------|
|         | COS    | Γ ELEM | 1ENTS          | 3          |             |             |             |             |             | Fiscal Y    | Year 0      | 7           |                   |             |             |             |             |             |             |             |             | Fiscal Y    | ear 08      | ŀ           |             |             |             |             |          |
| M       | S      |        | ACCEP<br>PRIOR | BAL<br>DUE |             |             |             |             |             |             |             |             | Calenda           | ır Year 0   | 17          |             |             |             |             |             |             |             | Calen       | dar Yea     | ır 08       |             |             |             |          |
| F F     |        | Each   | TO<br>1 OCT    | AS OF      | O<br>C<br>T | N<br>O<br>V | D<br>E<br>C | J<br>A<br>N | F<br>E<br>B | M<br>A<br>R | A<br>P<br>R | M<br>A<br>Y | J<br>U<br>N       | J<br>U<br>L | A<br>U<br>G | S<br>E<br>P | O<br>C<br>T | N<br>O<br>V | D<br>E<br>C | J<br>A<br>N | F<br>E<br>B | M<br>A<br>R | A<br>P<br>R | M<br>A<br>Y | J<br>U<br>N | J<br>U<br>L | A<br>U<br>G | S<br>E<br>P | Later    |
| Vehicle |        |        |                |            | 1           | V           | C           | IN          | Б           | K           | K           | 1           | IN                | L           | u           | r           | 1           | v           | C           | IN          | Б           | K           | K           | 1           | IN          | L           | G           |             | <u> </u> |
| 1 FY    | )6 A   | 57     | 0              | 57         |             |             |             |             |             |             |             |             |                   |             |             |             |             |             | 1           | 34          | 22          |             |             |             |             |             |             |             | 0        |
| 1 FY    |        | 502    |                |            |             | A           |             |             |             |             |             |             |                   |             |             |             |             |             |             |             | 11          |             | 33          | 30          | 40          | 26          | 28          | 52          | 256      |
| 1 FY    |        | 168    | 0              | 168        |             |             |             |             |             |             |             |             |                   | Α           |             |             |             |             |             |             |             |             |             |             |             |             |             |             | 168      |
| 1 FY    | 08 A   | 524    | 0              | 524        |             |             |             |             |             |             |             |             |                   |             |             |             |             |             |             |             |             | Α           |             |             |             |             |             |             | 524      |
| 1 FY    | )9 A   | 94     | 0              | 94         |             |             |             |             |             |             |             |             |                   |             |             |             |             |             |             |             |             |             |             |             |             |             |             |             | 94       |
| Vehicle |        | •      | •              |            |             |             |             |             |             |             |             |             |                   |             |             |             |             |             |             |             |             |             |             |             |             |             |             |             |          |
|         |        |        |                |            |             |             |             |             |             |             |             |             |                   |             |             |             |             |             |             |             |             |             |             |             |             |             |             |             |          |
|         |        |        |                |            |             |             |             |             |             |             |             |             |                   |             |             |             |             |             |             |             |             |             |             |             |             |             |             |             |          |
|         |        |        |                |            |             |             |             |             |             |             |             |             |                   |             |             |             |             |             |             |             |             |             |             |             |             |             |             |             |          |
|         |        |        |                |            |             |             |             |             |             |             |             |             |                   |             |             |             |             |             |             |             |             |             |             |             |             |             |             |             |          |
|         |        |        |                |            |             |             |             |             |             |             |             |             |                   |             |             |             |             |             |             |             |             |             |             |             |             |             |             |             | $\sqcup$ |
|         |        |        |                |            |             |             |             |             |             |             |             |             |                   |             |             |             |             |             |             |             |             |             |             |             |             |             |             |             |          |
|         |        |        |                |            |             |             |             |             |             |             |             |             |                   |             |             |             |             |             |             |             |             |             |             |             |             |             |             |             | _        |
| Total   |        |        |                | 1345       |             |             |             |             |             |             |             |             |                   |             |             |             |             |             | 1           | 34          | 33          | 26          | 33          | 30          | 40          | 26          | 28          | 52          | 1042     |
| Total   |        |        |                | 1545       | 0           | N           | D           | J           | F           | M           | A           | M           | J                 | J           | A           | S           | 0           | N           | D           | J4          | F           | M           | A           | M           | J           | J           | A A         | S S         | 1042     |
|         |        |        |                |            | C<br>T      | O<br>V      | E<br>C      | A<br>N      | E<br>B      | A<br>R      | P<br>R      | A<br>Y      | U<br>N            | U<br>L      | U<br>G      | E<br>P      | C<br>T      | O<br>V      | E<br>C      | A<br>N      | E<br>B      | A<br>R      | P<br>R      | A<br>Y      | U<br>N      | U<br>L      | U<br>G      | E<br>P      |          |
|         |        |        |                |            |             |             |             |             |             |             |             |             |                   |             |             |             |             |             |             |             |             |             |             |             |             |             |             |             |          |
| M       |        |        |                |            |             | I           | PRODU       | ICTION 1    | RATES       |             |             |             |                   |             | Α           | DMIN I      | EAD T       | IME         | ]           | MFR         |             | TOTA        | AL          | REMA        | RKS         |             |             |             |          |
| F       |        |        |                |            |             |             |             |             |             | Reac        | hed M       | FR          |                   |             | Pric        | or 1 Oct    | After       | r 1 Oct     | Aft         | er 1 Oct    |             | After 1     | Oct         |             |             |             |             |             |          |
| R       |        |        | ne - Locati    | ion        |             |             | ΛIN         | 1-8-5       | MAX         | D-          | +           | 1 In        | itial             |             |             | 0           |             | 6           |             | 15          |             | 21          |             |             |             |             |             |             |          |
| 1 BA    | E, YOR | K PA   |                |            |             |             | 144         | 300         | 984         |             |             | R           | eorder            |             |             | 0           |             | 9           |             | 20          |             | 29          |             |             |             |             |             |             |          |
|         |        |        |                |            |             |             |             |             |             |             |             | In          | itial             |             |             |             |             |             |             |             |             |             |             |             |             |             |             |             |          |
|         |        |        |                |            |             |             |             |             |             |             |             | R           | eorder            |             |             |             |             |             |             |             |             |             |             |             |             |             |             |             |          |
|         |        |        |                |            |             |             |             |             |             |             |             | In          | itial             |             |             |             |             |             |             |             |             |             |             |             |             |             |             |             |          |
|         |        |        |                |            |             |             |             |             |             |             |             |             | eorder            |             |             |             | 1           |             |             |             |             |             |             | 1           |             |             |             |             |          |
|         |        |        |                |            |             |             |             |             |             |             |             | <u> </u>    | itial             |             |             |             | <u> </u>    |             |             |             |             |             |             | 1           |             |             |             |             |          |
|         |        |        |                |            |             |             |             |             |             |             |             |             | eorder            |             |             |             |             |             |             |             |             |             |             | 1           |             |             |             |             |          |
|         |        |        |                |            |             |             |             |             |             |             |             | -           | itial             |             |             |             | 1           |             |             |             |             |             |             | -           |             |             |             |             |          |
| 1 1     |        |        |                |            |             |             |             |             | l           |             |             | R           | eorder            |             |             |             | 1           |             | 1           |             | 1           |             |             | 1           |             |             |             |             |          |

|         |      | FY 09           | / 10 BU        | J <b>DGE</b> | ΓPRO        | ODUC        | CTIO        | N SCI       | HEDU        | LE          |             |                | P-1 ITEM<br>BRADLE |             |             |             | (G8071      | 7)          |             |             |             | Dat         | e:          | May 20      | 009         |             |             |             |          |
|---------|------|-----------------|----------------|--------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|----------------|--------------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|----------|
|         | COS  | T ELE           | MENTS          | 5            |             |             |             |             |             | Fiscal Y    | Year 09     | )              |                    |             |             |             |             |             |             |             |             | Fiscal Y    | ear 10      | )           |             |             |             |             |          |
| M       |      | S PROC<br>E QTY | ACCEP<br>PRIOR | BAL<br>DUE   |             |             |             |             |             |             |             |                | Calenda            | Year 0      | 9           | I           |             |             |             |             |             |             | Calen       | ıdar Yea    | ır 10       |             |             |             |          |
| F F     | Y    | R Each          |                | AS OF        | O<br>C<br>T | N<br>O<br>V | D<br>E<br>C | J<br>A<br>N | F<br>E<br>B | M<br>A<br>R | A<br>P<br>R | M<br>A<br>Y    | J<br>U<br>N        | J<br>U<br>L | A<br>U<br>G | S<br>E<br>P | O<br>C<br>T | N<br>O<br>V | D<br>E<br>C | J<br>A<br>N | F<br>E<br>B | M<br>A<br>R | A<br>P<br>R | M<br>A<br>Y | J<br>U<br>N | J<br>U<br>L | A<br>U<br>G | S<br>E<br>P | Later    |
| Vehicle |      |                 |                |              | 1           | V           | C           | IN          | Б           | K           | K           | 1              | IN                 | L           | u           | r           | 1           | V           | C           | IN          | Б           | K           | K           | 1           | IN          | L           | G           |             |          |
| 1 FY    |      | 5               | 7 57           | 7            |             |             |             |             |             |             |             |                |                    |             |             |             |             |             |             |             |             |             |             |             |             |             |             |             | 0        |
| 1 FY    |      | 50              |                |              | 37          | 10          | 2           | 56          | 43          | 56          | 29          | 23             | 3                  |             |             |             |             |             |             |             |             |             |             |             |             |             |             |             | 0        |
| 1 FY    |      | 16              | 8 0            | 168          |             |             |             |             |             |             |             | 14             | 44                 | 22          | 28          | 38          | 22          |             |             |             |             |             |             |             |             |             |             |             | 0        |
| 1 FY    | 08 A | 52              | 4 0            | 524          |             |             |             |             |             |             |             |                |                    |             |             |             |             | 45          | 33          | 30          | 28          | 50          | 18          | 40          | 48          | 22          | 40          | 36          | 134      |
| 1 FY    | 09 A | 9               | 4 0            | 94           |             |             |             |             |             |             |             |                | A                  |             |             |             |             |             |             |             |             |             |             |             |             |             |             |             | 94       |
| Vehicle |      |                 | •              |              |             |             |             |             |             |             |             |                |                    |             |             |             |             |             | <u> </u>    |             |             |             |             |             |             |             |             |             |          |
|         |      |                 |                |              |             |             |             |             |             |             |             |                |                    |             |             |             |             |             |             |             |             |             |             |             |             |             |             |             |          |
|         |      |                 |                |              |             |             |             |             |             |             |             |                |                    |             |             |             |             |             |             |             |             |             |             |             |             |             |             |             |          |
|         |      |                 |                |              |             |             |             |             |             |             |             |                |                    |             |             |             |             |             |             |             |             |             |             |             |             |             |             |             |          |
|         |      |                 |                |              |             |             |             |             |             |             |             |                |                    |             |             |             |             |             |             |             |             |             |             |             |             |             |             |             |          |
|         |      |                 |                |              |             |             |             |             |             |             |             |                |                    |             |             |             |             |             |             |             |             |             |             |             |             |             |             |             |          |
|         |      |                 |                |              |             |             |             |             |             |             |             |                |                    |             |             |             |             |             |             |             |             |             |             |             |             |             |             |             |          |
|         | -    |                 |                |              |             |             |             |             |             |             |             |                |                    |             |             |             |             |             |             |             |             |             |             |             |             |             |             |             | $\vdash$ |
| Total   |      |                 |                | 1042         | 37          | 10          | 2           | 56          | 43          | 56          | 29          | 37             | 44                 | 22          | 28          | 38          | 22          | 45          | 33          | 30          | 28          | 50          | 18          | 40          | 48          | 22          | 40          | 36          | 228      |
| Total   |      |                 |                | 10.2         | 0           | N           | D           | J           | F           | М           | A           | M              | J                  | J           | A           | S           | 0           | N           | D           | J           | F           | M           | A           | M           | J           | J           | A           | S           |          |
|         |      |                 |                |              | C<br>T      | O<br>V      | E<br>C      | A<br>N      | E<br>B      | A<br>R      | P<br>R      | A<br>Y         | U<br>N             | U<br>L      | U<br>G      | E<br>P      | C<br>T      | O<br>V      | E<br>C      | A<br>N      | E<br>B      | A<br>R      | P<br>R      | A<br>Y      | U<br>N      | U<br>L      | U<br>G      | E<br>P      |          |
|         |      |                 |                |              | 1           | <u>I</u>    | l           | I           |             | Į.          |             | I              |                    | L           |             | Į.          |             |             |             | <u> </u>    |             | ]           |             | J.          |             |             | <u> </u>    |             |          |
| M       |      |                 |                |              |             |             | DDODI       | CTION :     | DATEC       |             |             |                |                    |             | 1 4         | DMIN I      | EADT        | IME         |             | MFR         |             | TOTA        | A.T.        | REMA        | DVC         |             |             |             |          |
| F       |      |                 |                |              |             | -           | RODU        | CHON        | KATES       | Peac        | hed M       | ED             |                    |             |             | or 1 Oct    |             | r 1 Oct     | 4           | er 1 Oct    |             | After 1     |             | KEWIA       | KKS         |             |             |             |          |
| R       |      | Na              | me - Locat     | ion          |             | ,           | MIN         | 1-8-5       | MAX         |             | -           | 1 Ini          | tial               |             | 1110        | 0           |             | 6           | Alt         | 15          |             | 21          |             |             |             |             |             |             |          |
| 1 BA    | E YO |                 | ine Locat      | ion          |             |             | 144         | 300         | 984         |             |             | _              | order              |             |             | 0           |             | 9           |             | 20          |             | 29          |             | 1           |             |             |             |             |          |
|         | _,   |                 |                |              |             |             |             |             |             |             |             | — <del> </del> | tial               |             |             | -           |             |             |             | 20          |             |             |             | 1           |             |             |             |             |          |
|         |      |                 |                |              |             |             |             |             |             |             |             | _              | order              |             |             |             |             |             |             |             |             |             |             | 1           |             |             |             |             |          |
|         |      |                 |                |              |             |             |             |             |             |             | $\dashv$    |                | tial               |             |             |             | 1           |             |             |             |             |             |             |             |             |             |             |             |          |
|         |      |                 |                |              |             |             |             |             |             |             |             | Re             | order              |             |             |             |             |             |             |             |             |             |             | 1           |             |             |             |             |          |
|         |      |                 |                |              |             |             |             |             |             |             |             | Ini            | tial               |             |             |             |             |             |             |             |             |             |             |             |             |             |             |             |          |
|         |      |                 |                |              |             |             |             |             |             |             |             | Re             | order              |             |             |             |             |             |             |             |             |             |             | 1           |             |             |             |             |          |
|         |      |                 |                |              |             |             |             |             |             |             |             | Ini            | tial               |             |             |             |             |             | İ           |             |             |             |             | 1           |             |             |             |             |          |
|         |      |                 |                |              |             |             |             |             |             |             |             | Re             | order              |             |             |             |             |             |             |             |             |             |             | l           |             |             |             |             |          |

|        |       | J      | FY 11 /     | 12 BU          | JDGE'          | ΓPRO        | ODUC        | CTIO        | N SCI       | HEDU   | ILE         |             |             | P-1 ITE<br>BRADL | M NOMI<br>EY PRO |             |             | (G8071      | 7)           |  |                |             | Dat         | te:         | May 20      | 009         |             |             |                 |          |
|--------|-------|--------|-------------|----------------|----------------|-------------|-------------|-------------|-------------|--|-------------|-------------|-------------|------------------|------------------|-------------|-------------|-------------|--------------|--|----------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-----------------|----------|
|        | C     | OST    | ELEM        | IENTS          | }              |             |             |             |             |  | Fiscal '    | Year 11     | 1           |                  |                  |             |             |             |              |  |                |             | Fiscal Y    | ear 12      | ;           |             |             |             |                 |          |
| M      |       | S<br>E | PROC<br>QTY | ACCEP<br>PRIOR | BAL<br>DUE     |             |             |             |             |  |             |             |             | Calenda          | ar Year 1        | 11          |             |             |              |  |                |             |             | Calen       | dar Yea     | r 12        |             |             |                 |          |
| F<br>R | FY    | R<br>V | Each        | TO<br>1 OCT    | AS OF<br>1 OCT | O<br>C<br>T | N<br>O<br>V | D<br>E<br>C | J<br>A<br>N | F<br>E<br>B                                      | M<br>A<br>R | A<br>P<br>R | M<br>A<br>Y | J<br>U<br>N      | J<br>U<br>L      | A<br>U<br>G | S<br>E<br>P | O<br>C<br>T | N<br>O<br>V  | D<br>E<br>C                                      | J<br>A<br>N    | F<br>E<br>B | M<br>A<br>R | A<br>P<br>R | M<br>A<br>Y | J<br>U<br>N | J<br>U<br>L | A<br>U<br>G | S<br>E<br>P     | Later    |
| Ve     | hicle |        | 1           | I              | I              | I           |             |             |             |  |             |             | 1           |                  | 1                |             |             |             |              |  |                |             | <u> </u>    | I           | I           |             |             |             |                 | 1 1      |
| 1      | FY 06 | A      | 57          | 57             |                |             |             |             |             |  |             |             |             |                  |                  |             |             |             |              |  |                |             |             |             |             |             |             |             |                 | 0        |
| 1      | FY 07 | A      | 502         | 502            |                |             |             |             |             |  |             |             |             |                  |                  |             |             |             |              |  |                |             |             |             |             |             |             |             |                 | 0        |
| 1      | FY 07 | A      | 168         | 168            |                |             |             |             |             |  |             |             |             |                  |                  |             |             |             |              |  |                |             |             |             |             |             |             |             |                 | 0        |
| 1      | FY 08 | A      | 524         | 390            | 134            | 40          | 40          | 20          | 34          | 1  |             |             |             |                  |                  |             |             |             |              |  |                |             |             |             |             |             |             |             |                 | 0        |
| 1      | FY 09 | A      | 94          | 0              | 94             |             |             |             |             | 31   | 31          | 32          |             |                  |                  |             |             |             |              |  |                |             |             |             |             |             |             |             |                 | 0        |
| Ve     | hicle |        |             |                |                |             |             |             |             |  |             |             |             |                  |                  |             |             |             |              |  |                |             |             |             |             |             |             |             |                 |          |
|        |       |        |             |                |                |             |             |             |             |  |             |             |             |                  |                  |             |             |             |              |  |                |             |             |             |             |             |             |             |                 |          |
|        |       |        |             |                |                |             |             | ļ           |             |  |             |             |             |                  |                  |             |             |             |              |  |                |             | <u> </u>    |             |             |             |             |             | <u> </u>        |          |
|        |       |        |             |                |                |             |             |             |             | <b>  </b>  |             |             |             |                  |                  |             |             |             |              |  |                |             |             |             |             |             |             |             | —               |          |
|        |       |        |             |                |                |             |             | <u> </u>    |             | <b></b>  |             |             |             |                  |                  |             |             |             |              |  |                |             | <u> </u>    |             |             |             |             |             | <u> </u>        |          |
|        |       |        |             |                |                |             |             | <u> </u>    | <b>-</b>    | <b></b>  |             |             |             |                  |                  |             |             |             |              |  |                |             | <u> </u>    |             |             |             |             |             | ₩               |          |
|        |       |        |             |                |                |             |             |             |             | <del>                                     </del> |             |             |             |                  |                  |             |             |             |              |  |                |             |             |             |             |             |             |             | <del></del>     | -        |
|        |       |        |             |                |                |             |             |             |             |  |             |             |             |                  |                  |             |             |             |              |  |                |             |             |             |             |             |             |             | $\vdash \vdash$ | $\vdash$ |
| To     | tal   |        |             |                | 228            | 40          | 40          | 20          | 34          | 31   | 31          | 32          |             |                  |                  |             |             |             |              |  |                |             |             |             |             |             |             |             | $\vdash$        |          |
| _      |       |        |             |                |                | 0           | N           | D           | J           | F  | М           | A           | M           | J                | J                | A           | S           | 0           | N            | D  | J              | F           | M           | A           | M           | J           | J           | A           | S               |          |
|        |       |        |             |                |                | C<br>T      | O<br>V      | E<br>C      | A<br>N      | E<br>B   | A<br>R      | P<br>R      | A<br>Y      | U<br>N           | U<br>L           | U<br>G      | E<br>P      | C<br>T      | O<br>V       | E<br>C   | A<br>N         | E<br>B      | A<br>R      | P<br>R      | A<br>Y      | U<br>N      | U<br>L      | U<br>G      | E<br>P          |          |
|        | 1     |        |             |                |                |             | Ι.          |             |             |  |             |             | -           |                  |                  | <u> </u>    |             |             |              | 1  |                |             |             |             | In m        |             |             |             |                 |          |
| M<br>F |       |        |             |                |                |             |             | PRODU       | ICTION I    | KATES  |             | hed M       | ED          |                  |                  | -           | DMIN I      | 1           |              | -  | MFR            |             | TOTA        |             | REMA        | KKS         |             |             |                 |          |
| R      |       |        | Non         | ne - Locati    | on             |             | ١,          | MIN         | 1-8-5       | MAX  |             | -           |             | itial            |                  | Pno         | or 1 Oct    | 1           | r 1 Oct<br>6 | AII  | er 1 Oct<br>15 |             | After 1     |             | _           |             |             |             |                 |          |
| 1      | _     | YORK   |             | ie - Locati    | OII            |             |             | 144         | 300         | 984  | D-          | -           | -           |                  |                  |             | 0           | +           | 9            |  | 20             |             | 29          |             |             |             |             |             |                 |          |
| -      | DAL,  | TORK   | 1 A         |                |                |             |             | 144         |             | 704  |             |             | -+          | eorder<br>iitial |                  |             | U           |             | 9            |  | 20             |             | 29          |             |             |             |             |             |                 |          |
|        |       |        |             |                |                |             |             | -+          |             |  |             |             | -           | eorder           |                  |             |             |             |              |  |                |             |             |             | _           |             |             |             |                 |          |
|        | +     |        |             |                |                |             |             | $\dashv$    |             |  | +           | -           | _           | itial            |                  | +           |             |             |              |  |                |             |             |             | -           |             |             |             |                 |          |
|        | †     |        |             |                |                |             |             | +           |             |  | +           |             | <u> </u>    | eorder           |                  | +           |             |             |              | <del>                                     </del> |                |             |             |             | -           |             |             |             |                 |          |
|        | 1     |        |             |                |                |             |             | -+          |             |  | +           |             |             | itial            |                  | +           |             |             |              |  |                |             |             |             | 1           |             |             |             |                 |          |
|        | +     |        |             |                |                |             |             | -+          |             |  | +           |             | -           | eorder           |                  |             |             |             |              |  |                |             |             |             | 1           |             |             |             |                 |          |
|        | 1     |        |             |                |                |             |             |             |             |  |             |             | _           | itial            |                  | +           |             |             |              |  |                |             |             |             | 1           |             |             |             |                 |          |
|        | 1     |        |             |                |                |             |             |             |             |  | 1           |             | -           | eorder           |                  |             |             | 1           |              |  |                |             |             |             |             |             |             |             |                 |          |

| Exhibit P-40, Budget Item Ju   | stification Sheet           |         |                                      |                      | Date:       | y 2009                       |
|--|-----------------------------|---------|--------------------------------------|----------------------|-------------|------------------------------|
| Appropriation / Budget Activity / Serial 1<br>Procurement of W&TCV, Army / 1 / Tra   | No:<br>cked combat vehicles |         | P-1 Item Nomenclature<br>BRADLEY TRA | NINING DEVICES (MOD) | (GZ2500)    |                              |
| Program Elements for Code B Items:   | Code:                       |         | ogram Elements:<br>5.371             |                      |             |                              |
|  | Prior Years                 | FY 2008 | FY 2009                              | FY 2010              | To Complete | Total Prog                   |
| Proc Qty   |                             |         |                                      |                      |             |                              |
| Gross Cost   | 111.7                       | 4.7     | 11.0                                 |                      |             | 127.3                        |
| Less PY Adv Proc   |                             |         |                                      |                      |             |                              |
| Plus CY Adv Proc   |                             |         |                                      |                      |             |                              |
| Net Proc P1  | 111.7                       | 4.7     | 11.0                                 |                      |             | 127.3                        |
| Initial Spares   |                             |         |                                      |                      |             |                              |
| Total Proc Cost  | 111.7                       | 4.7     | 11.0                                 |                      |             | 127.3                        |
| Flyaway U/C  |                             |         |                                      |                      |             |                              |
|  |                             |         |                                      |                      |             |                              |
| Description: This program procures upgrade kits for Br   |                             |         |                                      |                      |             | ill take place if these kits |
| Description: This program procures upgrade kits for Brare delayed or cancelled. Without suffici  |                             |         |                                      |                      |             | ill take place if these kits |
| Description: This program procures upgrade kits for Brare delayed or cancelled. Without suffici  |                             |         |                                      |                      |             | ill take place if these kits |
| Description: This program procures upgrade kits for Brance delayed or cancelled. Without sufficitustification:   |                             |         |                                      |                      |             | ill take place if these kits |
| Description: This program procures upgrade kits for Brare delayed or cancelled. Without suffici  |                             |         |                                      |                      |             | ill take place if these kits |
| Description: This program procures upgrade kits for Brance delayed or cancelled. Without sufficitustification:   |                             |         |                                      |                      |             | ill take place if these kits |
| Description: This program procures upgrade kits for Brance delayed or cancelled. Without sufficitustification:   |                             |         |                                      |                      |             | ill take place if these kits |
| Description: This program procures upgrade kits for Brance delayed or cancelled. Without sufficitustification:   |                             |         |                                      |                      |             | ill take place if these kits |
| Weapon System Proc U/C  Description: This program procures upgrade kits for Brare delayed or cancelled. Without sufficitustification: FY10 has no funding. |                             |         |                                      |                      |             | ill take place if these kits |
| Description: This program procures upgrade kits for Brare delayed or cancelled. Without suffici  |                             |         |                                      |                      |             | ill take place if these kits |
| Description: This program procures upgrade kits for Brare delayed or cancelled. Without suffici  |                             |         |                                      |                      |             | ill take place if these kits |
| Description: This program procures upgrade kits for Brare delayed or cancelled. Without suffici  |                             |         |                                      |                      |             | ill take place if these kits |

| Exhibit P-40M            | I, Budget Item Justifi              | cation Sheet |       |                       |                          | Date:<br>May 2009                        |        |
|--------------------------|-------------------------------------|--------------|-------|-----------------------|--------------------------|--|--------|
| Appropriation / Budget A | Activity / Serial No:               |              | I     | 2-1 Item Nomenclature | e                        |  |        |
| Procurement              | t of W&TCV, Army / 1 / Tracked comb | at vehicles  |       | BRADLE                | Y TRAINING DEVICES (MOD) | (GZ2500)                                 |        |
| Program Elements for Co  | ode B Items:                        |              | _     |                       | Code:<br>A               | Other Related Program Ele<br>0203735.371 | ments: |
| Description              |                                     | Fiscal Years |       |                       |                          |  |        |
| OSIP No.                 | Classification                      | 2008 & PR    | FY 20 | 09                    | FY 2010                  | TC                                       | Total  |
| Close Combat Tactica     | l Trainer                           | · ·          |       |                       | <u>.</u>                 |  |        |
| 1-01-05-0010             | Operational                         | 21.0         |       | 0.0                   | 0.0                      | 0.0                                      | 21.0   |
| Appended Devices         |                                     |              |       |                       |                          |  |        |
| 1-99-05-4567             | Operational                         | 4.3          |       | 1.4                   | 0.0                      | 0.0                                      | 5.7    |
| Bradley Advanced Tra     | aining Systems                      |              |       |                       |                          |  |        |
| 2-02-05-0010             | Operational                         | 19.9         |       | 0.0                   | 0.0                      | 0.0                                      | 19.9   |
| Software Upgrades        |                                     |              |       |                       |                          |  |        |
| 1-96-05-4513             | Operational                         | 23.3         |       | 3.0                   | 0.0                      | 0.0                                      | 26.3   |
| Maintenance Trainer M    | Mods                                |              |       |                       |                          |  |        |
| 1-99-05-4568             | Operational                         | 10.2         |       | 0.0                   | 0.0                      | 0.0                                      | 10.2   |
| Prior Year Closed Mo     | difications                         |              |       |                       |                          |  |        |
| 0-00-00-0000             |                                     | 13.6         |       | 0.0                   | 0.0                      | 0.0                                      | 13.6   |
| Conduct of Fire Trains   | er Recap Program                    |              |       |                       |                          |  |        |
| 0-00-00-0000             | Operational                         | 24.1         |       | 0.0                   | 0.0                      | 0.0                                      | 24.1   |
| Gunnery Trainers ARI     | NG                                  |              |       |                       |                          |  |        |
| 0-00-00-0000             |                                     | 0.0          |       | 6.6                   | 0.0                      | 0.0                                      | 6.6    |
| Totals                   |                                     | 116.4        |       | 11.0                  | 0.0                      | 0.0                                      | 127.4  |

| Exhibit P-40, Budget Item J   | ustification Sheet        |               |               |                                     |                            | Date:                          | y 2009     |
|---|---------------------------|---------------|---------------|-------------------------------------|----------------------------|--------------------------------|------------|
| Appropriation / Budget Activity / Serial<br>Procurement of W&TCV, Army / 1 / Tr   | No: acked combat vehicles |               |               | P-1 Item Nomenclature<br>ABRAMS TAN | e<br>K TRAINING DEVICES (( |                                | , 2009     |
| Program Elements for Code B Items:  | Code:                     | A             | Other Relat   | ed Program Elements:                |                            |                                |            |
|   | Prior Years               | FY            | Y 2008        | FY 2009                             | FY 2010                    | To Complete                    | Total Prog |
| Proc Qty  |                           |               |               |                                     |                            |                                |            |
| Gross Cost  | 494.9                     |               |               | 3.0                                 |                            |                                | 497.9      |
| Less PY Adv Proc  |                           |               |               |                                     |                            |                                |            |
| Plus CY Adv Proc  |                           |               |               |                                     |                            |                                |            |
| Net Proc P1   | 494.9                     |               |               | 3.0                                 |                            |                                | 497.9      |
| Initial Spares  |                           |               |               |                                     |                            |                                |            |
| Total Proc Cost   | 494.9                     |               |               | 3.0                                 |                            |                                | 497.9      |
| Flyaway U/C   |                           |               |               |                                     |                            |                                |            |
| Weapon System Proc U/C  |                           |               |               |                                     |                            |                                |            |
| The family of Abrams Training Aids, De Updates/modifications due to vehicle soft Enhancement Program (SEP) and Abram  Justification: FY10 has no funding. | tware changes and lessor  | ns learned at | ffect Advance | Gunnery Training System (AG         | TS), Maintenance Tra       | ainers, Non-System Integration |            |
|   |                           |               |               |                                     |                            |                                |            |
|   |                           |               |               |                                     |                            |                                |            |
|   |                           |               |               |                                     |                            |                                |            |
|   |                           |               |               |                                     |                            |                                |            |
|   |                           |               |               |                                     |                            |                                |            |
|   |                           |               |               |                                     |                            |                                |            |
|   |                           |               |               |                                     |                            |                                |            |
|   |                           |               |               |                                     |                            |                                |            |
|   |                           |               |               |                                     |                            |                                |            |

| Exhibit P-40, Budget Item Ju   | ustification Sheet |    |                 |                                     |                      | Date:       | y 2009     |
|--|--------------------|----|-----------------|-------------------------------------|----------------------|-------------|------------|
| Appropriation / Budget Activity / Serial<br>Procurement of W&TCV, Army / 1 / Tra |                    |    |                 | P-1 Item Nomenclatur<br>STRYKER VEI | re<br>HICLE (G85100) | Ivia        | y 2009     |
| Program Elements for Code B Items: 0603653A/C03                                  | Code:              | В  | Other Related P | rogram Elements:                    |                      |             |            |
|  | Prior Years        | FY | 2008            | FY 2009                             | FY 2010              | To Complete | Total Prog |
| Proc Qty   | 2756               |    | 677             | 88                                  |                      |             | 3521       |
| Gross Cost   | 7462.2             |    | 2792.1          | 1309.0                              | 388.6                |             | 11951.9    |
| Less PY Adv Proc   |                    |    |                 |                                     |                      |             |            |
| Plus CY Adv Proc   |                    |    |                 |                                     |                      |             |            |
| Net Proc P1  | 7462.2             |    | 2792.1          | 1309.0                              | 388.6                |             | 11951.9    |
| Initial Spares   |                    |    |                 |                                     |                      |             |            |
| Total Proc Cost  | 7462.2             |    | 2792.1          | 1309.0                              | 388.6                |             | 11951.9    |
| Flyaway U/C  |                    |    |                 |                                     |                      |             |            |
| Weapon System Proc U/C   | 2.7                |    | 4.1             | 14.9                                |                      |             | 21.7       |

### Description:

A dynamic asymmetric threat and operational environment demands full spectrum, strategically responsive, agile and dominant land forces. Immediate response by a lethal, versatile, tactically agile joint force capable of operational maneuver is essential to fulfilling the Army's Warfighting needs. The Stryker-equipped BCT is this force. The use of a common platform/common chassis design reduces requirements for repair parts and logistics support in the area of operations.

The Stryker Brigade Combat Team (SBCT), equipped with Stryker Vehicles can be used across the full spectrum of military operations. The Stryker Brigade Combat Team deploys rapidly and conducts effective combat operations immediately on arrival to prevent, contain, stabilize, or resolve a conflict through shaping and decisive operations. Configurations of Stryker Vehicles are: Infantry Carrier: The Infantry Carrier Vehicle (ICV) carries an infantry squad with individual equipment. The ICV also provides protected transport and supporting fires for the infantry squad during dismounted assault.

Reconnaissance Vehicle: The Reconnaissance Vehicle (RV) provides force situational awareness, gathering and transmitting real time intelligence while moving throughout the battlefield in close, complex, and urban terrain.

Mobile Gun System: The Mobile Gun System (MGS) supports dismounted infantry and engages the enemy in close combat in order to clear opposition and permit rapid movement allowing the force to maintain the initiative, occupy and/or secure key objectives, and defeat strong points.

Mortar Carrier: The Mortar Carrier (MC) will support infantry units with screening obscurants, suppressive forces and on-call supporting fires. 120mm, 81mm, and 60mm mortars provide complimentary capabilities with responsive, accurate and lethal indirect fire support to the dismounted infantry assault.

Commander's Vehicle: The Commander's Vehicle (CV) provides the brigade commanders and infantry battalion commanders with the means to receive information and data, analyze, prepare and transmit data, and control the forces/functions carrying out combat missions.

Fire Support Vehicle: The Fire Support Vehicle (FSV) provides automated enhanced surveillance, target acquisition, target identification, target tracking, target designation, position location, and communications functionality. Targets will be transmitted instantly to the fire support system and shooter.

Engineer Squad Vehicle: The Engineer Squad Vehicle (ESV) provides maneuver/mobility support capabilities which include obstacle clearing, in-stride breaching of surface mines, proofing of subsurface mines, and smoke generation for local protection.

Medical Evacuation Vehicle: The Medical Evacuation Vehicle (MEV) is the Battalion Aid Station for brigade units, providing treatment for serious injury and advanced trauma cases.

Antitank Guided Missile Vehicle: The Antitank Guided Missile Vehicle (ATGM) is the brigade's primary tank killing system. The ATGM reinforces the brigade's infantry battalion, reinforces the brigade reconnaissance squadron, and provides long-range direct fires.

| Exhibit P-40, Budget Item Justification S  | Sheet |                    |   | Date: May 2009 |
|--|-------|--------------------|---|----------------|
| Appropriation / Budget Activity / Serial No:<br>Procurement of W&TCV, Army / 1 / Tracked combat vehicles |       |                    | P-1 Item Nomenclature<br>STRYKER VEHICLE (G85100) |                |
| Program Elements for Code B Items:<br>0603653A/C03   | Code: | Other Related Prog | ram Elements:                                     |                |

NBC Reconnaissance Vehicle: The Nuclear, Biological, Chemical Reconnaissance Vehicle (NBCRV) provides on the move and remote near-real-time nuclear, biological and chemical detection and surveillance to supply battlefield visualization of NBC hazards.

Survivability Enhancements include: Stryker Reactive Armor Tiles (SRAT), Slat Armor, Common Ballistic Shield (CBS), Driver's Enhancement Kits (DEK), Hull Protection Kits (HPK), and Tire Fire Suppression Kits, and other miscellaneous vehicle kits required to provide increased survivability and protection of the Stryker crew when the Stryker brigades are deployed in support of Operation Iraqi Freedom (OIF) and Operation Enduring Freedom (OEF) missions.

FY08 Initial Spares/Authorized Stockage List (ASL) funding shown on the Exhibit P-5 Includes \$37.028 million that supports the FY08 Vehicle re-structuring/Operation Enduring Freedom (OEF)/Theatre Provided Equipment (TPE) fleet requirement briefed to OSD and Congress (Professional Staff Members).

NBC Reconnaissance Vehicle:

Live Fire Test & Evaluation, 1: Complete

Live Fire Test & Evaluation, 2: 4QFY09 - 1QFY10

Production Verification Test: Complete Reliability Growth Test: 2QFY09 - 4QFY10

Initial Operational Test & Evaluation, Phase II: 4QFY10

#### Justification:

FY10 Base Funding in the amount of \$388.596 million procures safety and survivability fixes in anticipation of Stryker Brigade Combat Teams entering a new theater of operation. PM assessed what could be accomplished within the funded amount in FY2010 under the assumption that, first, all requirements not directly related to vehicle procurement would be maintained/sustained, then any remaining funding would be applied to a vehicle buy. Under this assumption, the funding available for a vehicle buy resulted in the purchase of a minimal number of vehicles with a prohibitive unit cost which lead to a decision to defer purchase of vehicles until such time that the Army could afford a more cost effective approach. Therefore, the FY2010 quantity is zero. In lieu of purchasing vehicles in FY2010, the funding over and above that required to maintain/sustain the program is being slated against safety and survivability fixes in anticipation of Stryker Brigade Combat Teams entering a new theater of operations.

| Active            | QTY<br>Gross Cost | FY2008<br>663<br>\$2,649.940 | FY2009<br>76<br>\$932.774 | FY2010<br>0<br>\$130.256 |
|-------------------|-------------------|------------------------------|---------------------------|--------------------------|
| National<br>Guard | QTY<br>Gross Cost | 14<br>\$142.130              | 12<br>\$245.620           | 0<br>\$179.789           |
| Reserve           | QTY<br>Gross Cost |                              | \$130.590                 | \$78.551                 |

| Exhibit P-5, Weapon WTCV Cost Analysis   | Appropriation/Budget Activity/Serial No:<br>Procurement of W&TCV, Army / 1 / Travehicles | cked con |            |       | menclature:<br>ICLE (G85100) |            |       | Weapon Syster | m Type:    | Date: | May 2009  |
|--|--|----------|------------|-------|------------------------------|------------|-------|---------------|------------|-------|-----------|
| WTCV                                     |  | ID       |            | FY 08 |                              |            | FY 09 |               |            | FY 10 |           |
| Cost Elemen                              | ts   | CD       | Total Cost | Qty   | Unit Cost                    | Total Cost | Qty   | Unit Cost     | Total Cost | Qty   | Unit Cost |
|  |  |          | \$000      | Units | \$000                        | \$000      | Units | \$000         | \$000      | Units | \$000     |
| Stryker Vehicles                         |  |          |            |       |                              |            |       |               |            |       |           |
| -Infantry Carrier Vehicle (ICV)          |  | Α        | 386271     | 247   | 1564                         |            |       |               |            |       |           |
| -ICV Block Improvements                  |  |          |            |       |                              |            |       |               |            |       |           |
| -Reconnaissance Vehicle (RV)             |  | Α        | 128587     | 88    | 1461                         |            |       |               |            |       |           |
| -RV Block Improvements                   |  |          |            |       |                              |            |       |               |            |       |           |
| -Anti-Tank Guided Missile Vehicle (ATGM) |  | Α        |            |       |                              |            |       |               |            |       |           |
| -ATGM Block Improvements                 |  |          |            |       |                              |            |       |               |            |       |           |
| -Mortar Carrier (MC)                     |  | Α        | 99966      | 62    | 1612                         |            |       |               |            |       |           |
| -MC Block Improvements                   |  |          |            |       |                              |            |       |               |            |       |           |
| -Fire Support Vehicle (FSV)              |  | Α        | 30348      | 20    | 1517                         |            |       |               |            |       |           |
| -FSV Block Improvements                  |  |          |            |       |                              |            |       |               |            |       |           |
| -Engineer Squad Vehicle (ESV)            |  | Α        | 41815      | 21    | 1991                         |            |       |               |            |       |           |
| -ESV Block Improvements                  |  |          |            |       |                              |            |       |               |            |       |           |
| -Commander's Vehicle (CV)                |  | Α        | 62352      | 41    | 1521                         |            |       |               |            |       |           |
| -CV Block Improvements                   |  |          |            |       |                              |            |       |               |            |       |           |
| -Medical Evacuation Vehicle (MEV)        |  | Α        | 113311     | 81    | 1399                         |            |       |               |            |       |           |
| -MEV Block Improvements                  |  |          |            |       |                              |            |       |               |            |       |           |
| -NBC Reconnaissance Vehicle (NBCRV)      |  | A        | 122082     | 55    | 2220                         | 129907     | 40    | 3248          |            |       |           |
| -NBC RV Block Improvements               |  |          |            |       |                              |            |       |               |            |       |           |
| -Mobile Gun System (MGS)                 |  | Α        | 266668     | 62    | 4301                         | 291011     | 48    | 6063          |            |       |           |
| -MGS Block Improvements                  |  |          |            |       |                              |            |       |               |            |       |           |
| Surv Enhancement (SRAT/DEK/SLAT/CBS/HPK) |  |          | 587322     |       |                              | 395901     |       |               | 63951      | 1     |           |
| GFE (ASIOE/COEI/AAL)                     |  |          | 226895     |       |                              | 68583      |       |               |            |       |           |
| Engineering Change Orders (ECO)          |  |          | 1575       |       |                              | 6400       |       |               |            |       |           |
| Basic Issue Items (BII)                  |  |          | 11204      |       |                              | 855        |       |               |            |       |           |
| Government Test                          |  |          | 13174      |       |                              | 21654      |       |               | 20661      | 1     |           |
| Contractor Support to Test               |  |          | 15885      |       |                              | 16085      |       |               | 17123      | 3     |           |
| Comparison Evaluation                    |  |          |            |       |                              |            |       |               |            |       |           |
| Refurbishment of Test Vehicles           |  |          | 4101       |       |                              |            |       |               |            |       |           |
| Program Management Support (Govt)        |  |          | 64907      |       |                              | 49281      |       |               | 50267      | 7     |           |
| ** ** *                                  |  |          |            |       |                              |            |       |               |            | 1     |           |

G85100 STRYKER VEHICLE

Program Management Support (Contractor)

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9192

20273

Exhibit P-5 Weapon System Cost Analysis

44879

| Exhibit P-5, Weapon WTCV Cost Analysis   | Appropriation/Budget Activity/Serial No:<br>Procurement of W&TCV, Army / 1 / Track<br>vehicles | ked com |            |       | menclature:<br>ICLE (G85100) |            |       | Weapon System | m Type:    | Date: | May 2009  |
|--|--|---------|------------|-------|------------------------------|------------|-------|---------------|------------|-------|-----------|
| WTCV                                     |  | ID      |            | FY 08 |                              |            | FY 09 | •             |            | FY 10 |           |
| Cost Elemen                              | ts   | CD      | Total Cost | Qty   | Unit Cost                    | Total Cost | Qty   | Unit Cost     | Total Cost | Qty   | Unit Cost |
|  |  |         | \$000      | Units | \$000                        | \$000      | Units | \$000         | \$000      | Units | \$000     |
| Logistics Support (Contractor)           |  |         | 18223      |       |                              | 15467      |       |               | 26188      | 3     |           |
| System Fielding Support                  |  |         | 63398      |       |                              | 56156      |       |               | 3340       | 5     |           |
| Vehicle Retrofit/OIF Fixes               |  |         | 243578     |       |                              | 90412      |       |               | 6199       | )     |           |
| Post Production Mods (unscheduled mods)  |  |         | 80431      |       |                              | 36535      |       |               | 3778       | 1     |           |
| Initial Spares/Authorized Stock List ASL |  |         | 85084      |       |                              | 23677      |       |               |            |       |           |
| Support Equipment (STTE)                 |  |         | 44272      |       |                              | 7007       |       |               |            |       |           |
| Training Devices                         |  |         | 26969      |       |                              | 15043      |       |               | 33186      | 5     |           |
| System Technical Support (STS)           |  |         | 43219      |       |                              | 56189      |       |               | 75315      | 5     |           |
| Software Support                         |  |         | 1241       |       |                              | 8548       |       |               | 9700       | )     |           |
| Integrated Data Environment              |  |         |            |       |                              |            |       |               |            |       |           |
| Product Improvement Program              |  |         |            |       |                              |            |       |               |            |       |           |
| Facilitization                           |  |         |            |       |                              |            |       |               |            |       |           |
| Mounted Mortar                           |  |         |            |       |                              |            |       |               |            |       |           |
| Digital Wiring Schematics                |  |         |            |       |                              |            |       |               |            |       |           |
|  |  |         |            |       |                              |            |       |               |            |       |           |
| Total:                                   |  |         | 2792070    |       |                              | 1308984    |       |               | 388590     | 5     |           |

| Exhibit P-5a, Budget Procurement  | t History and Planning                              |                                |                                  |            |                           |             |                    | ate:<br>Iay 2009       | 9                      |                      |
|---|---|--------------------------------|----------------------------------|------------|---------------------------|-------------|--------------------|------------------------|------------------------|----------------------|
| Appropriation/Budget Activity/Serial No: Procurement of W&TCV, Army/ 1/ Tracked combat vehicles | Weapon System Type:                                 | P-1 Line Item<br>STRYKER V     | Nomenclature:<br>EHICLE (G85100) |            |                           |             |                    |                        |                        |                      |
| WBS Cost Elements:  | Contractor and Location                             | Contract<br>Method and<br>Type | Location of PCO                  | Award Date | Date of First<br>Delivery | QTY<br>Each | Unit Cost<br>\$000 | Specs<br>Avail<br>Now? | Date<br>Revsn<br>Avail | RFF<br>Issue<br>Date |
| Stryker Vehicles  |   |                                |                                  |            |                           |             |                    |                        |                        |                      |
| FY 2008   | GM GDLS Defense Group L.L.C.<br>Shelby Township, MI | SS/FFP/1-5                     | TACOM                            | Jul 08     | May 09                    | 25          | 2220               | NA                     | NA                     |                      |
| FY 2008   | GM GDLS Defense Group L.L.C.<br>Shelby Township, MI | SS/FFP/1-5                     | TACOM                            | Jul 08     | May 10                    | 30          | 2220               | NA                     | NA                     |                      |
| FY 2008   | GM GDLS Defense Group L.L.C.<br>Shelby Township, MI | SS/FFP/1-5                     | TACOM                            | Aug 08     | Feb 10                    | 62          | 4301               | NA                     | NA                     |                      |
| FY 2008   | GM GDLS Defense Group L.L.C.<br>Shelby Township, MI | SS/FFP/1-5                     | TACOM                            | Jul 08     | May 09                    | 369         | 1523               | NA                     | NA                     |                      |
| FY 2008   | GM GDLS Defense Group L.L.C.<br>Shelby Township, MI | SS/FFP/1-5                     | TACOM                            | Jul 08     | Aug 09                    | 191         | 1574               | NA                     | NA                     |                      |
| FY 2009   | GM GDLS Defense Group L.L.C.<br>Shelby Township, MI | SS/FFP/2-5                     | TACOM                            | Jul 09     | May 11                    | 40          | 3248               | NA                     | NA                     |                      |
| FY 2009   | GM GDLS Defense Group L.L.C.<br>Shelby Township, MI | SS/FFP/2-5                     | TACOM                            | Jul 09     | Apr 11                    | 48          | 6063               | NA                     | NA                     |                      |

REMARKS: Stryker vehicle contract has range pricing that is predicated on the total buy quantity as well as by specific variant. Since we are procuring less than 100 total vehicles in FY2009 and less than 50 MGS vehicles within that buy the unit costs for the vehicles purchased in FY2009 exceeds the unit cost for vehicles purchased in FY2008.

|        |         | I      | F <b>Y</b> 08 / | 09 BU          | DGE            | ΓPRO        | ODUC        | CTIO        | N SCI       | IEDU        | LE          |             |             | P-1 ITEM<br>STRYKE |             |             |             |             |             |             |             |             | Date        | e:          | May 20      | 009         |             |                       |             |                      |
|--------|---------|--------|-----------------|----------------|----------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|--------------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-----------------------|-------------|----------------------|
|        | C       | OST    | ELEM            | IENTS          |                |             |             |             |             |             | Fiscal Y    | ear 08      |             | •                  |             |             |             |             |             |             |             | ı           | Fiscal Y    | ear 09      | 1           |             |             |                       |             |                      |
| M      |         | S<br>E | PROC<br>QTY     | ACCEP<br>PRIOR | BAL<br>DUE     |             |             |             |             |             |             |             |             | Calenda            | r Year 0    | 8           | •           |             |             |             |             |             |             | Calen       | dar Yea     | ır 09       |             |                       |             |                      |
| F<br>R | FY      | R<br>V | Units           | TO<br>1 OCT    | AS OF<br>1 OCT | O<br>C<br>T | N<br>O<br>V | D<br>E<br>C | J<br>A<br>N | F<br>E<br>B | M<br>A<br>R | A<br>P<br>R | M<br>A<br>Y | J<br>U<br>N        | J<br>U<br>L | A<br>U<br>G | S<br>E<br>P | O<br>C<br>T | N<br>O<br>V | D<br>E<br>C | J<br>A<br>N | F<br>E<br>B | M<br>A<br>R | A<br>P<br>R | M<br>A<br>Y | J<br>U<br>N | J<br>U<br>L | A<br>U<br>G           | S<br>E<br>P | Later                |
| Stry   | ker Veh | icles  |                 |                |                |             |             |             |             | u.          |             |             |             |                    |             |             |             |             | ı           | ı           |             |             |             |             |             |             |             |                       | ı           | I                    |
| 1      | FY 05   | A      | 675             | 671            | 4              | 2           | 2           |             |             |             |             |             |             |                    |             |             |             |             |             |             |             |             |             |             |             |             |             |                       |             | 0                    |
| 1      | FY 05   | A      | 11              | 0              | 11             |             |             |             |             | 5           | 6           |             |             |                    |             |             |             |             |             |             |             |             |             |             |             |             |             |                       |             | 0                    |
| 1      | FY 05   | A      | 10              | 0              | 10             |             |             |             |             |             |             | 3           |             | 4                  | 3           |             |             |             |             |             |             |             |             |             |             |             |             |                       |             | 0                    |
| 1      | FY 06   | A      | 306             | 188            | 118            | 33          | 31          | 26          | 10          | 10          | 8           |             |             |                    |             |             |             |             |             |             |             |             |             |             |             |             |             |                       |             | 0                    |
| 1      | FY 06   | A      | 100             | 11             | 89             | 8           | 9           | 3           | 16          | 13          | 6           |             |             | 1 6                | 9           | 7           | 4           | 7           |             |             |             |             |             |             |             |             |             |                       |             | 0                    |
| 1      | FY 06   | A      | 36              | 0              | 36             |             |             |             |             |             | 4           | 19          |             | 13                 |             |             |             |             |             |             |             |             |             |             |             |             |             |                       |             | 0                    |
| 1      | FY 06   | A      | 13              | 0              | 13             |             |             |             |             |             |             |             |             | 7                  | 4           | 2           |             |             |             |             |             |             |             |             |             |             |             |                       |             | 0                    |
| 1      | FY 06   | A      | 39              | 0              | 39             |             |             |             |             |             |             |             |             |                    | 7           | 16          | 6           | 6           | 1           | 3           |             |             |             |             |             |             |             |                       |             | 0                    |
| 1      | FY 07   | A      | 22              | 0              | 22             |             |             |             |             |             |             |             |             |                    |             |             | 3           | 1           | 7           | 4           | 7           |             |             |             |             |             |             |                       |             | 0                    |
| 1      | FY 07   | A      | 165             | 0              | 165            |             |             |             |             |             |             |             |             | 4                  | 5           | 9           | 12          | 15          | 13          | 13          | 14          | 26          | 27          | 27          |             |             |             |                       |             | 0                    |
| 1      | FY 07   | A      | 33              | 0              | 33             |             |             |             |             |             |             |             |             |                    |             |             |             | 2           | 10          | 9           | 4           | 3           | 3           | 2           |             |             |             |                       |             | 0                    |
| 1      | FY 08   | A      | 25              | 0              | 25             |             |             |             |             |             |             |             |             |                    | Α           |             |             |             |             |             |             |             |             |             | 1           | 2           | 2           | 2                     | 2           | 16                   |
| 1      | FY 08   | A      | 30              | 0              | 30             |             |             |             |             |             |             |             |             |                    | A           |             |             |             |             |             |             |             |             |             |             |             |             |                       |             | 30                   |
| 1      | FY 08   | A      | 62              | 0              | 62             |             |             |             |             |             |             |             |             |                    |             | A           |             |             |             |             |             |             |             |             |             |             |             |                       |             | 62                   |
| 1      | FY 08   | A      | 369             | 0              | 369            |             |             |             |             |             |             |             |             |                    | Α           |             |             |             |             |             |             |             |             |             | 43          | 43          | 39          | 32                    | 22          | 190                  |
|        |         |        |                 |                |                | O<br>C<br>T | N<br>O<br>V | D<br>E<br>C | J<br>A<br>N | F<br>E<br>B | M<br>A<br>R | A<br>P<br>R | M<br>A<br>Y | J<br>U<br>N        | J<br>U<br>L | A<br>U<br>G | S<br>E<br>P | O<br>C<br>T | N<br>O<br>V | D<br>E<br>C | J<br>A<br>N | F<br>E<br>B | M<br>A<br>R | A<br>P<br>R | M<br>A<br>Y | J<br>U<br>N | J<br>U<br>L | A<br>U<br>G           | S<br>E<br>P |                      |
| M      |         |        |                 |                |                |             |             | PRODII      | CTION F     | ATES        |             |             |             |                    |             | Δ           | DMIN L      | FADT        | TME         |             | MFR         |             | TOTA        | 1           | REMA        | PKS         |             |                       |             |                      |
| F      |         |        |                 |                |                |             |             | RODU        | CHON        | TILD        | React       | ed M        | ₹R          |                    |             |             | or 1 Oct    |             | r 1 Oct     | 4           | er 1 Oct    |             | After 1     |             | Admin       | Leadtim     |             | Manufact              |             |                      |
| R      |         |        | Nam             | ne - Locati    | on             |             | ,           | MIN         | 1-8-5       | MAX         | D+          |             |             | nitial             |             | 1110        | 8           | +           | 10          | 7110        | 10          |             | 20          |             |             |             |             | on 8 vari             |             | 11-13<br>al (LLM)    |
| 1      | GM G    | DLS De |                 | oup L.L.C      |                | Townsh      |             | 240         | 480         | 720         |             |             | -           | eorder             |             |             | 0           | _           | 10          |             | 10          |             | 20          |             | for 86 I    | CVs res     | ulted in    | a reduce<br>n product | d LT in     | FY08 in              |
|        | IVII    |        |                 |                |                |             |             |             |             |             |             |             | Iı          | nitial             |             |             |             |             |             |             |             |             |             |             |             |             |             | / is 15 m<br>BCRV S   |             |                      |
|        |         |        |                 |                |                |             |             |             |             |             | 1           |             |             | eorder             |             |             |             |             |             |             |             |             |             |             | Fundin      | g for LL    | M/Senso     | ors issue             | d prior to  | o vehicle            |
|        |         |        |                 |                |                |             |             |             |             |             | 1           |             | Iı          | nitial             |             |             |             |             |             |             |             |             |             |             |             |             |             | in a redu<br>1 FY08.  |             |                      |
|        |         |        |                 |                |                |             |             | +           |             |             | +           |             |             | teorder            |             |             |             |             |             |             |             |             |             |             | the MC      | S is 21 i   | months o    | driven by             | the pur     | chase of             |
|        |         |        |                 |                |                |             |             |             |             |             | +           | -           | -           | nitial             |             |             |             |             |             |             |             |             |             |             | titaniun    | n. Rece     | eived aut   | thority to            | purcha      | se LLM<br>Iting in a |
|        |         |        |                 |                |                |             |             | +           |             |             | +           |             | R           | teorder            |             |             |             |             |             |             |             |             |             |             |             |             |             | 708 MGS               |             |                      |
|        |         |        |                 |                |                |             |             | +           |             |             | +           | $\dashv$    | -           | nitial             |             |             |             | 1           |             |             |             |             |             |             |             |             |             |                       |             |                      |
|        |         |        |                 |                |                |             |             |             |             |             |             | R           | leorder     |                    |             |             |             |             |             |             |             |             |             |             |             |             |             |                       |             |                      |

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|        |       | F       | FY 08       | / 09 BU                  | J <b>DGE</b>   | ΓPRO        | ODU         | CTIO        | N SC         | HEDU        | LE          |             |             | P-1 ITE          |             |             |             |             |             |             |             |             | Dat         | te:         | May 20          | 009  |                         |                     |                     |                      |
|--------|-------|---------|-------------|--------------------------|----------------|-------------|-------------|-------------|--------------|-------------|-------------|-------------|-------------|------------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-----------------|--|-------------------------|---------------------|---------------------|----------------------|
|        | C     | OST     | ELEN        | IENTS                    | }              |             |             |             |              |             | Fiscal `    | Year 08     | 3           |                  |             |             |             |             |             |             |             |             | Fiscal Y    | Zear O      | 9               |  |                         |                     |                     |                      |
| М      |       | S<br>E  | PROC<br>QTY | ACCEP<br>PRIOR           | BAL<br>DUE     |             |             |             |              |             |             |             |             | Calenda          | ır Year (   | )8          |             |             |             |             |             |             |             | Cale        | ndar Yea        | ar 09  |                         |                     |                     |                      |
| F<br>R | FY    | R<br>V  | Units       | TO<br>1 OCT              | AS OF<br>1 OCT | O<br>C      | N<br>O      | D<br>E      | J<br>A       | F<br>E      | M<br>A      | A<br>P      | M<br>A      | J<br>U           | J<br>U      | A<br>U      | S<br>E      | O<br>C      | N<br>O      | D<br>E      | J<br>A      | F<br>E      | M<br>A      | A<br>P      | M<br>A          | J<br>U   | J<br>U                  | A<br>U              | S<br>E              | Later                |
| 1      | FY 08 | A       | 191         | 0                        | 191            | T           | V           | С           | N            | В           | R           | R           | Y           | N                | L<br>A      | G           | P           | T           | V           | С           | N           | В           | R           | R           | Y               | N  | L                       | G 7                 | P<br>19             | 165                  |
| 1      | FY 09 | A       | 40          | Ü                        | 40             |             |             |             |              |             |             |             |             |                  | Λ           |             |             |             |             |             |             |             |             |             |                 |  | A                       |                     | 1)                  | 40                   |
| 1      | FY 09 | A       | 48          |                          |                |             |             |             |              |             |             |             |             |                  |             |             |             |             |             |             |             |             |             |             |                 |  | A                       |                     |                     | 48                   |
|        |       |         |             |                          |                |             |             |             |              |             |             |             |             |                  |             |             |             |             |             |             |             |             |             |             |                 |  |                         |                     |                     |                      |
|        |       |         |             |                          |                |             |             |             |              |             |             |             |             |                  |             |             |             |             |             |             |             |             |             |             |                 |  |                         |                     |                     |                      |
|        |       |         |             |                          |                |             |             |             |              |             |             |             |             |                  |             |             |             |             |             |             |             |             |             |             |                 |  |                         |                     |                     |                      |
|        |       |         |             |                          |                |             |             |             |              |             |             |             |             |                  |             |             |             |             |             |             |             |             |             |             |                 |  |                         |                     |                     |                      |
|        |       |         |             |                          |                |             |             |             |              |             |             |             |             |                  |             |             |             |             |             |             |             |             |             |             |                 |  |                         |                     |                     |                      |
|        |       |         |             |                          |                |             |             |             |              |             |             |             |             |                  |             |             |             |             |             |             |             |             |             |             |                 |  |                         |                     |                     |                      |
|        |       |         |             |                          |                |             |             |             |              |             |             |             |             |                  |             |             |             |             |             |             |             |             |             |             |                 |  |                         |                     |                     |                      |
|        |       |         |             |                          |                |             |             |             |              |             |             |             |             |                  |             |             |             |             |             |             |             |             |             |             |                 |  |                         |                     |                     |                      |
|        |       |         |             |                          |                |             |             |             |              |             |             |             |             |                  |             |             |             |             |             |             |             |             |             |             |                 |  |                         |                     |                     |                      |
|        |       |         |             |                          |                |             |             |             |              |             |             |             |             |                  |             |             |             |             |             |             |             |             |             |             |                 |  |                         |                     |                     |                      |
|        |       |         |             |                          |                |             |             |             |              |             |             |             |             |                  |             |             |             |             |             |             |             |             |             |             |                 |  |                         |                     |                     |                      |
| То     | tal   |         |             |                          | 1305           | 43          | 42          | 29          | 26           | 28          | 24          | 22          | 18          | 17               | 28          | 34          | 25          | 31          | 31          | 29          | 25          | 29          | 30          | 29          | 44              | 45   | 41                      | 41                  | 43                  | 551                  |
|        |       |         |             |                          |                | O<br>C<br>T | N<br>O<br>V | D<br>E<br>C | J<br>A<br>N  | F<br>E<br>B | M<br>A<br>R | A<br>P<br>R | M<br>A<br>Y | J<br>U<br>N      | J<br>U<br>L | A<br>U<br>G | S<br>E<br>P | O<br>C<br>T | N<br>O<br>V | D<br>E<br>C | J<br>A<br>N | F<br>E<br>B | M<br>A<br>R | A<br>P<br>R | M<br>A<br>Y     | J<br>U<br>N  | J<br>U<br>L             | A<br>U<br>G         | S<br>E<br>P         |                      |
|        | 1     |         |             |                          |                |             |             |             |              |             | 1           |             | -           |                  |             | 1           |             |             |             |             |             | •           |             |             | 1               |  |                         |                     |                     |                      |
| M      |       |         |             |                          |                |             |             | PRODU       | ICTION       | RATES       |             |             |             |                  |             |             | DMIN I      | 1           |             | 4           | MFR         |             | TOTA        |             | REMA<br>Admin   | ARKS<br>Leadtin  | ne (LT)/N               | Manufac             | ture I ea           | dtimes               |
| F      |       |         |             |                          |                |             |             |             |              | 3.6.137     |             | hed M       |             |                  |             | Pri         | or 1 Oct    | -           | r 1 Oct     | Aft         | er 1 Oct    |             | After 1     |             | for the         | Stryker  | Production              | on 8 var            | iants are           | 11-13                |
| R<br>1 |       | DI C Da |             | ne - Locati<br>oup L.L.C |                | Torrmoh     |             | MIN<br>240  | 1-8-5<br>480 | 720         | D-          | +           | <u> </u>    | itial            |             |             | 0           | -           | 10          |             | 10          |             | 20          |             | Month<br>for 86 | s. Fund<br>ICVs res  | ing for L<br>ulted in a | ong-lea<br>a reduce | d Materi<br>d LT in | al (LLM)<br>FY08 in  |
| 1      | MI    | DLS DE  | elelise Gi  | oup L.L.C                | ., Shelby      | TOWNSH      | ъ,          | 240         | 400          | 720         |             |             |             | eorder<br>iitial |             | -           | 0           |             | 10          |             | 10          |             | 20          | 1           | order t         | o avoid a<br>T for the   | break ir                | n produc            | tion in N           | /Iay/Jun             |
|        |       |         |             |                          |                |             |             |             |              |             |             |             | -           | eorder           |             |             |             |             |             |             |             |             |             |             | the ava         | ailability   | of the N                | BCRV S              | Sensor S            | uite.                |
|        |       |         |             |                          |                |             |             |             |              |             |             |             | _           | itial            |             | +           |             | -           |             |             |             |             |             |             |                 | ng for LL<br>ct award  |                         |                     |                     | o vehicle<br>for the |
|        |       |         |             |                          |                |             |             |             |              |             |             |             | _           | eorder           |             |             |             |             |             |             |             |             |             |             | purcha          | se of NB   | CRVs in                 | FY08.               | Norma               | l LT for             |
|        |       |         |             |                          |                |             |             |             |              |             |             |             |             | itial            |             |             |             | 1           |             |             |             | +           |             |             |                 | GS is 21 in the contract of the Grant Record in the Grant Record i |                         |                     |                     |                      |
|        |       |         |             |                          |                |             | $\perp$     |             |              |             |             |             | <u> </u>    | eorder           |             |             |             | 1           |             |             |             |             |             |             | require         |  | or 62 MC                | S vehic             | les, resu           | lting in a           |
|        |       |         |             |                          |                |             |             |             |              |             |             | Ir          | itial       |                  |             |             |             |             |             |             |             |             |             | snorter     | ied L1 I        | л те г х   | U8 MG                   | o venici            | es.                 |                      |
|        |       |         |             |                          |                |             |             |             |              |             |             |             | R           | eorder           |             |             |             |             |             |             |             |             |             |             | 1               |  |                         |                     |                     |                      |

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|        |         | I      | FY 10       | 11 BU          | DGE            | ΓPRO        | ODUC        | CTIO        | N SCI       | HEDU        | LE          |             |             | P-1 ITEM<br>STRYKE |             |             |               |             |               |             |                |             | Dat         | te:         | May 20        | 009         |             |                         |             |                     |
|--------|---------|--------|-------------|----------------|----------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|--------------------|-------------|-------------|---------------|-------------|---------------|-------------|----------------|-------------|-------------|-------------|---------------|-------------|-------------|-------------------------|-------------|---------------------|
|        | C       | OST    | ELEM        | IENTS          |                |             |             |             |             |             | Fiscal Y    | ear 10      |             |                    |             |             |               |             |               |             |                | ]           | Fiscal Y    | ear 1       | 1             |             |             |                         |             |                     |
| М      |         | S<br>E | PROC<br>QTY | ACCEP<br>PRIOR | BAL<br>DUE     |             |             |             |             |             |             |             |             | Calendar           | Year 1      | 0           |               |             |               |             |                |             |             | Caler       | ndar Yea      | ar 11       |             |                         |             |                     |
| F<br>R | FY      | R<br>V | Units       | TO<br>1 OCT    | AS OF<br>1 OCT | O<br>C<br>T | N<br>O<br>V | D<br>E<br>C | J<br>A<br>N | F<br>E<br>B | M<br>A<br>R | A<br>P<br>R | M<br>A<br>Y | U                  | J<br>U<br>L | A<br>U<br>G | S<br>E<br>P   | O<br>C<br>T | N<br>O<br>V   | D<br>E<br>C | J<br>A<br>N    | F<br>E<br>B | M<br>A<br>R | A<br>P<br>R | M<br>A<br>Y   | J<br>U<br>N | J<br>U<br>L | A<br>U<br>G             | S<br>E<br>P | Later               |
| Stry   | ker Vel | icles  |             |                |                |             |             |             | .,          | Б           | K           |             |             | 11                 | L           | 0           | 1             | •           | ,             |             | .,             | Б           | K           | K           |               | 11          |             | Ü                       | -           |                     |
| _      | FY 05   | A      | 675         | 675            |                |             |             |             |             |             |             |             |             |                    |             |             |               |             |               |             |                |             |             |             |               |             |             |                         |             | 0                   |
| _      | FY 05   | A      | 11          | 11             |                |             |             |             |             |             |             |             |             |                    |             |             |               |             |               |             |                |             |             |             |               |             |             |                         |             | 0                   |
|        | FY 05   | A      | 10          | 10             |                |             |             |             |             |             |             |             |             |                    |             |             |               |             |               |             |                |             |             |             |               |             |             |                         |             | 0                   |
| 1      | FY 06   | A      | 306         | 306            |                |             |             |             |             |             |             |             |             |                    |             |             |               |             |               |             |                |             |             |             |               |             |             |                         |             | 0                   |
| 1      | FY 06   | A      | 100         | 100            |                |             |             |             |             |             |             |             |             |                    |             |             |               |             |               |             |                |             |             |             |               |             |             |                         |             | 0                   |
| 1      | FY 06   | A      | 36          | 36             |                |             |             |             |             |             |             |             |             |                    |             |             |               |             |               |             |                |             |             |             |               |             |             |                         |             | 0                   |
| 1      | FY 06   | A      | 13          | 13             |                |             |             |             |             |             |             |             |             |                    |             |             |               |             |               |             |                |             |             |             |               |             |             |                         |             | 0                   |
| 1      | FY 06   | A      | 39          | 39             |                |             |             |             |             |             |             |             |             |                    |             |             |               |             |               |             |                |             |             |             |               |             |             |                         |             | 0                   |
| 1      | FY 07   | A      | 22          | 22             |                |             |             |             |             |             |             |             |             |                    |             |             |               |             |               |             |                |             |             |             |               |             |             |                         |             | 0                   |
| 1      | FY 07   | A      | 165         | 165            |                |             |             |             |             |             |             |             |             |                    |             |             |               |             |               |             |                |             |             |             |               |             |             |                         |             | 0                   |
| 1      | FY 07   | A      | 33          | 33             |                |             |             |             |             |             |             |             |             |                    |             |             |               |             |               |             |                |             |             |             |               |             |             |                         |             | 0                   |
| 1      | FY 08   | A      | 25          | 9              | 16             | 2           | 2           | 2           | 2           | 2           | 3           | 3           |             |                    |             |             |               |             |               |             |                |             |             |             |               |             |             |                         |             | 0                   |
| 1      | FY 08   | A      | 30          | 0              | 30             |             |             |             |             |             |             |             |             | 2 2                | 2           | 2           | 2             | 2           | 3             | 3           | 3              | 3           | 3           | 3           |               |             |             |                         |             | 0                   |
| 1      | FY 08   | A      | 62          | 0              | 62             |             |             |             |             | 1           | 2           | 4           |             | 6 6                | 6           | 6           | 6             | 6           | 7             | 5           | 7              |             |             |             |               |             |             |                         |             | 0                   |
| 1      | FY 08   | A      | 369         | 179            | 190            | 22          | 31          | 27          | 26          | 29          | 30          | 25          |             |                    |             |             |               |             |               |             |                |             |             |             |               |             |             |                         |             | 0                   |
|        |         |        |             |                |                | O<br>C<br>T | N<br>O<br>V | D<br>E<br>C | J<br>A<br>N | F<br>E<br>B | M<br>A<br>R | A<br>P<br>R | M<br>A<br>Y | U                  | J<br>U<br>L | A<br>U<br>G | S<br>E<br>P   | O<br>C<br>T | N<br>O<br>V   | D<br>E<br>C | J<br>A<br>N    | F<br>E<br>B | M<br>A<br>R | A<br>P<br>R | M<br>A<br>Y   | J<br>U<br>N | J<br>U<br>L | A<br>U<br>G             | S<br>E<br>P |                     |
|        | 1       |        |             |                |                |             |             |             |             |             |             | -           |             |                    |             | <u> </u>    |               |             |               | 1           |                |             |             |             | In            |             |             |                         |             |                     |
| M      |         |        |             |                |                |             |             | PRODU       | CTION I     | RATES       | ١.,         |             |             |                    |             |             | DMIN I        |             |               | -           | MFR            |             | TOTA        |             | REMA<br>Admin |             | ne (LT)/I   | Manufac                 | ture Lea    | dtimes              |
| F<br>R |         |        | Non         | ne - Locati    | on             |             | Ι,          | MIN         | 1-8-5       | MAX         | D+          | ied M       |             | nitial             |             | Prio        | or 1 Oct<br>8 | 1           | r 1 Oct<br>10 | AII         | er 1 Oct<br>10 |             | After 1     |             |               |             |             | on 8 var                |             |                     |
| 1      | GM G    | DIS D  |             | oup L.L.C      |                | Townsh      |             | 240         | 480         | 720         | D+          |             | <b> </b>    | Reorder            |             |             | 0             | 1           | 10            |             | 10             |             | 20          |             |               |             |             | a reduce                |             | al (LLM)<br>FY08 in |
| 1      | MI      | DLS D  | ziense Gr   | Jup L.L.C      | ., oncloy      | TOWNSH      | ър,         | 240         | 400         | 720         |             | -           | -+          | nitial             |             |             | U             |             | 10            |             | 10             |             | 20          |             |               |             |             | n produc<br>V is 15 m   |             |                     |
|        |         |        |             |                |                |             |             |             |             |             |             |             | <u> </u>    | Reorder            |             |             |               |             |               |             |                |             |             |             | the ava       | ilability   | of the N    | BCRV S                  | ensor S     | uite.               |
|        |         |        |             |                |                |             |             |             |             |             |             |             |             | nitial             |             |             |               |             |               |             |                |             |             |             |               |             |             | ors issue<br>in a redu  |             |                     |
|        |         |        |             |                |                |             |             |             |             |             |             |             | <b> </b> -  | Reorder            |             |             |               |             |               |             |                |             |             |             | purcha        | se of NB    | CRVs i      | n FY08.                 | Norma       | 1 LT for            |
|        |         |        |             |                |                |             |             |             |             |             |             |             |             | nitial             |             |             |               |             |               |             |                |             |             |             |               |             |             | driven by<br>thority to |             |                     |
|        |         |        |             |                |                |             |             |             |             |             |             |             | <b> </b>    | Reorder            |             |             |               |             |               |             |                |             |             |             | require       | ments fo    | or 62 MC    | GS vehic                | les, resu   | lting in a          |
|        |         |        |             |                |                |             |             |             |             |             |             |             | I           | nitial             |             |             |               |             |               |             |                |             |             |             | shorten       | ied LT fo   | or the F    | Y08 MGS                 | vehic       | es.                 |
|        |         |        |             |                |                |             |             |             |             |             |             | I           | Reorder     |                    |             |             |               |             |               |             |                |             |             | 1           |               |             |             |                         |             |                     |
|        | 1       |        |             |                |                |             |             | Reorder     |             |             |             |             |             |                    |             |             |               |             |               |             |                | •           |             |             | _             |             |             |                         |             |                     |

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|        |                | F      | FY 10       | / 11 BU        | JDGE           | ΓPRO   | ODUC   | CTIO   | N SCI    | HEDU   | LE       |                |        | P-1 ITEN<br>STRYKE |          |        |          |        |         |        |          |         | Dat      | e:     | May 20   | 009        |           |                      |          |           |
|--------|----------------|--------|-------------|----------------|----------------|--------|--------|--------|----------|--------|----------|----------------|--------|--------------------|----------|--------|----------|--------|---------|--------|----------|---------|----------|--------|----------|------------|-----------|----------------------|----------|-----------|
|        | C              | OST    | ELEN        | IENTS          | }              |        |        |        |          |        | Fiscal Y | Year 10        |        |                    |          |        |          |        |         |        |          |         | Fiscal Y | ear 11 | l        |            |           |                      |          |           |
| M      |                | S<br>E | PROC<br>QTY | ACCEP<br>PRIOR | BAL<br>DUE     |        |        |        |          |        |          |                |        | Calenda            | r Year 1 | 10     |          |        |         |        |          |         |          | Calen  | ıdar Yea | ır 11      |           |                      |          |           |
| F<br>R | FY             | R      | Units       | TO<br>1 OCT    | AS OF<br>1 OCT | O<br>C | N<br>O | D<br>E | J<br>A   | F<br>E | M<br>A   | A<br>P         | M<br>A | J<br>U             | J<br>U   | A<br>U | S<br>E   | O<br>C | N<br>O  | D<br>E | J<br>A   | F<br>E  | M<br>A   | A<br>P | M<br>A   | J<br>U     | J<br>U    | A<br>U               | S<br>E   | Later     |
|        |                |        | 101         |                |                | T      | V      | C      | N        | В      | R        | R              | Y      | N<br>5             | L        | G      | P        | T      | V       | С      | N        | В       | R        | R      | Y        | N          | L         | G                    | P        |           |
| 1      | FY 08<br>FY 09 | A<br>A | 191         | 26             | 165<br>40      | 20     | 10     | 11     | 10       | 12     | 18       | 21             | 2      | 5 29               | 9        |        |          |        |         |        |          |         |          |        | 2        | 3          | 3         | 3                    | 3        | 25        |
| 1      | FY 09          | A      | 48          |                |                |        |        |        |          |        |          |                |        |                    |          |        |          |        |         |        |          |         |          | 4      | 4        | 4          | 4         | 4                    | 4        | 24        |
|        | 1 1 09         | Λ      | 10          |                | 40             |        |        |        |          |        |          |                |        |                    |          |        |          |        |         |        |          |         |          |        |          |            |           |                      |          |           |
|        |                |        |             |                |                |        |        |        |          |        |          |                |        |                    |          |        |          |        |         |        |          |         |          |        |          |            |           |                      |          |           |
|        |                |        |             |                |                |        |        |        |          |        |          |                |        |                    |          |        |          |        |         |        |          |         |          |        |          |            |           |                      |          |           |
|        |                |        |             |                |                |        |        |        |          |        |          |                |        |                    |          |        |          |        |         |        |          |         |          |        |          |            |           |                      |          |           |
|        |                |        |             |                |                |        |        |        |          |        |          |                |        |                    |          |        |          |        |         |        |          |         |          |        |          |            |           |                      |          |           |
|        |                |        |             |                |                |        |        |        |          |        |          |                |        |                    |          |        |          |        |         |        |          |         |          |        |          |            |           |                      |          |           |
|        |                |        |             |                |                |        |        |        |          |        |          |                |        |                    |          |        |          |        |         |        |          |         |          |        |          |            |           |                      |          |           |
|        |                |        |             |                |                |        |        |        |          |        |          |                |        |                    |          |        |          |        |         |        |          |         |          |        |          |            |           |                      |          |           |
|        |                |        |             |                |                |        |        |        |          |        |          |                |        |                    |          |        |          |        |         |        |          |         |          |        |          |            |           |                      |          |           |
|        |                |        |             |                |                |        |        |        |          |        |          |                |        |                    |          |        |          |        |         |        |          |         |          |        |          |            |           |                      |          |           |
|        |                |        |             |                |                |        |        |        |          |        |          |                |        |                    |          |        |          |        |         |        |          |         |          |        |          |            |           |                      |          |           |
| To     | al             |        |             |                | 551            | 44     | 43     | 40     | 38       | 44     | 53       | 53             | 33     | 37                 | 17       | 8      | 8        | 8      | 10      | 8      | 10       | 3       | 3        | 7      | 7        | 7          | 7         | 7                    | 7        | 49        |
|        |                |        |             | 1              | ı              | 0      | N      | D      | J        | F      | M        | A              | M      | J                  | J        | A      | S        | О      | N       | D      | J        | F       | M        | A      | M        | J          | J         | Α                    | S        |           |
|        |                |        |             |                |                | C<br>T | O<br>V | E<br>C | A<br>N   | E<br>B | A<br>R   | P<br>R         | A<br>Y | U<br>N             | U<br>L   | U<br>G | E<br>P   | C<br>T | O<br>V  | E<br>C | A<br>N   | E<br>B  | A<br>R   | P<br>R | A<br>Y   | U<br>N     | U<br>L    | U<br>G               | E<br>P   |           |
|        |                |        |             |                |                |        |        |        |          |        |          |                |        |                    |          |        |          |        |         |        |          |         |          |        |          |            |           |                      |          |           |
| M      |                |        |             |                |                |        | ]      | PRODU  | ICTION I | RATES  |          |                |        |                    |          | A      | DMIN I   | EAD T  | IME     |        | MFR      |         | TOTA     | AL     | REMA     |            |           |                      |          |           |
| F      |                |        |             |                |                |        |        |        |          |        | Reac     | hed M          | FR     |                    |          | Prio   | or 1 Oct | Afte   | r 1 Oct | Aft    | er 1 Oct |         | After 1  | Oct    |          |            |           | Manufac<br>on 8 var  |          |           |
| R      |                |        | Nan         | ne - Locati    | on             |        | N      | MIN    | 1-8-5    | MAX    | D-       | F .            | l In   | itial              |          |        | 8        |        | 10      |        | 10       |         | 20       |        | Months   | s. Fund    | ing for I | Long-lea             | d Materi | al (LLM)  |
| 1      |                | DLS De | efense Gr   | oup L.L.C      | ., Shelby      | Townsh | ip,    | 240    | 480      | 720    |          |                | Re     | eorder             |          |        | 0        |        | 10      |        | 10       |         | 20       |        |          |            |           | a reduce<br>n produc |          |           |
|        | MI             |        |             |                |                |        |        |        |          |        |          |                | In     | itial              |          |        |          |        |         |        |          |         |          |        | 09. L'   | T for the  | NBCR      | V is 15 n<br>BCRV S  | onths d  | riven by  |
|        |                |        |             |                |                |        |        |        |          |        |          |                | Re     | eorder             |          |        |          |        |         |        |          |         |          |        |          |            |           |                      |          | o vehicle |
|        |                |        |             |                |                |        |        |        |          |        |          |                | _      | itial              |          |        |          |        |         |        |          |         |          |        | contrac  | t award    | resulted  | in a redu<br>n FY08. | iced LT  | for the   |
|        |                |        |             |                |                |        |        | +      |          |        |          | _              |        | eorder             |          |        |          |        |         |        |          |         |          |        | the MC   | GS is 21 i | months    | driven by            | the pur  | chase of  |
|        |                |        |             |                |                |        |        | +      |          |        | +        |                | _      | itial              |          |        |          |        |         |        |          | _       |          |        |          |            |           | thority to           |          |           |
|        |                |        |             |                |                |        |        |        |          |        |          | = $lacksquare$ | _      | eorder             |          | -      |          |        |         |        |          | $\perp$ |          |        |          |            |           | Y08 MG               |          |           |
|        |                |        |             |                |                |        |        |        |          |        |          |                | _      | itial              |          | +      |          | -      |         | -      |          | -       |          |        | -        |            |           |                      |          |           |
|        | 1              |        |             |                |                |        |        | -      |          |        | +        | _              | Re     | order              |          |        |          | 1      |         | 1      |          |         |          |        |          |            |           |                      |          |           |

|        |         | т.     | Y 12 /      | 12 DI          | IDCE'          | T DD        | ODII        | TTIO        | N SCI       | ueni:       | TE          |             |             | P-1 ITE     | M NOMI      | ENCLA'      | TURE        |             |             |             |             |             | Dat         | te:         |             |             |             |                       |             |                     |
|--------|---------|--------|-------------|----------------|----------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-----------------------|-------------|---------------------|
|        |         | 1      | 1 14/       | 13 DC          | DGE.           | 1111        | орос        | .110        | IN SCI      | ILDU        |             |             |             | STRYK       |             |             |             |             |             |             |             |             |             |             | May 20      | 009         |             |                       |             |                     |
|        | C       | OST    | ELEM        | ENTS           |                |             |             |             |             |             | Fiscal `    | Year 12     | 2           |             |             |             |             |             |             |             |             |             | Fiscal Y    | ear 13      | 3           |             |             |                       |             |                     |
| M      |         | S<br>E | PROC<br>QTY | ACCEP<br>PRIOR | BAL<br>DUE     |             |             |             |             |             |             |             |             | Calenda     | r Year      | 12          |             |             |             |             |             |             |             | Calen       | ndar Yea    | ar 13       |             |                       |             |                     |
| F<br>R | FY      | R<br>V | Units       | TO<br>1 OCT    | AS OF<br>1 OCT | O<br>C<br>T | N<br>O<br>V | D<br>E<br>C | J<br>A      | F<br>E      | M<br>A      | A<br>P<br>R | M<br>A      | J<br>U      | J<br>U<br>L | A<br>U<br>G | S<br>E<br>P | O<br>C<br>T | N<br>O<br>V | D<br>E<br>C | J<br>A      | F<br>E      | M<br>A      | A<br>P      | M<br>A      | J<br>U      | J<br>U<br>L | A<br>U<br>G           | S<br>E<br>P | Later               |
| Stry   | ker Veh | icles  |             |                |                | 1           | V           | C           | N           | В           | R           | K           | Y           | N           | L           | G           | Р           | 1           | V           | C           | N           | В           | R           | R           | Y           | N           | L           | G                     | Р           |                     |
| Ť      | FY 05   | A      | 675         | 675            |                |             |             |             |             |             |             |             |             |             |             |             |             |             |             |             |             |             |             |             |             |             |             |                       |             | 0                   |
| 1      | FY 05   | A      | 11          | 11             |                |             |             |             |             |             |             |             |             |             |             |             |             |             |             |             |             |             |             |             |             |             |             |                       |             | 0                   |
| 1      | FY 05   | A      | 10          | 10             |                |             |             |             |             |             |             |             |             |             |             |             |             |             |             |             |             |             |             |             |             |             |             |                       |             | 0                   |
| 1      | FY 06   | A      | 306         | 306            |                |             |             |             |             |             |             |             |             |             |             |             |             |             |             |             |             |             |             |             |             |             |             |                       |             | 0                   |
| 1      | FY 06   | A      | 100         | 100            |                |             |             |             |             |             |             |             |             |             |             |             |             |             |             |             |             |             |             |             |             |             |             |                       |             | 0                   |
| 1      | FY 06   | A      | 36          | 36             |                |             |             |             |             |             |             |             |             |             |             |             |             |             |             |             |             |             |             |             |             |             |             |                       |             | 0                   |
| 1      | FY 06   | A      | 13          | 13             |                |             |             |             |             |             |             |             |             |             |             |             |             |             |             |             |             |             |             |             |             |             |             |                       |             | 0                   |
| 1      | FY 06   | A      | 39          | 39             |                |             |             |             |             |             |             |             |             |             |             |             |             |             |             |             |             |             |             |             |             |             |             |                       |             | 0                   |
| _      | FY 07   | A      | 22          | 22             |                |             |             |             |             |             |             |             |             |             |             |             |             |             |             |             |             |             |             |             |             |             |             |                       |             | 0                   |
| _      | FY 07   | A      | 165         | 165            |                |             |             |             |             |             |             |             |             |             |             |             |             |             |             |             |             |             |             |             |             |             |             |                       |             | 0                   |
| _      | FY 07   | A      | 33          | 33             |                |             |             |             |             |             |             |             |             |             |             |             |             |             |             |             |             |             |             |             |             |             |             |                       |             | 0                   |
| _      | FY 08   | A      | 25          | 25             |                |             |             |             |             |             |             |             |             |             |             |             |             |             |             |             |             |             |             |             |             |             |             |                       |             | 0                   |
| _      | FY 08   | A      | 30          | 30             |                |             |             |             |             |             |             |             |             |             |             |             |             |             |             |             |             |             |             |             |             |             |             |                       |             | 0                   |
| _      | FY 08   | A      | 62          | 62             |                |             |             |             |             |             |             |             |             |             |             |             |             |             |             |             |             |             |             |             |             |             |             |                       |             | 0                   |
| 1      | FY 08   | A      | 369         | 369            |                |             |             |             |             |             | 3.6         |             |             |             |             |             |             | -           |             | ъ.          |             | т.          |             |             |             |             |             |                       |             | 0                   |
|        |         |        |             |                |                | O<br>C<br>T | N<br>O<br>V | D<br>E<br>C | J<br>A<br>N | F<br>E<br>B | M<br>A<br>R | A<br>P<br>R | M<br>A<br>Y | J<br>U<br>N | J<br>U<br>L | A<br>U<br>G | S<br>E<br>P | O<br>C<br>T | N<br>O<br>V | D<br>E<br>C | J<br>A<br>N | F<br>E<br>B | M<br>A<br>R | A<br>P<br>R | M<br>A<br>Y | J<br>U<br>N | J<br>U<br>L | A<br>U<br>G           | S<br>E<br>P |                     |
| M      |         |        |             |                |                |             | 1           | PRODI       | JCTION 1    | RATES       |             |             |             |             |             | Δ           | DMIN I      | FADT        | TMF         |             | MFR         |             | TOTA        | AT.         | REMA        | RKS         |             |                       |             |                     |
| F      |         |        |             |                |                |             |             | RODE        | 20110111    | I           | Reac        | hed M       | FR          |             |             |             | or 1 Oct    |             | r 1 Oct     | 4           | er 1 Oct    |             | After 1     |             | Admin       | Leadtin     |             | Manufac               |             |                     |
| R      |         |        | Nam         | e - Locati     | on             |             | N           | MIN         | 1-8-5       | MAX         | D-          | <b>—</b>    |             | nitial      |             |             | 8           |             | 10          |             | 10          |             | 20          |             |             |             |             | ion 8 var<br>Long-lea |             | : 11-13<br>al (LLM) |
| 1      | GM G    | DLS De | efense Gro  |                |                | Townsh      |             | 240         | 480         | 720         |             |             | -           | eorder      |             |             | 0           | -           | 10          |             | 10          |             | 20          |             | for 86      | ICVs res    | sulted in   | a reduce              | d LT in     | FY08 in             |
|        | MI      |        |             |                |                |             |             |             |             |             |             |             | In          | nitial      |             |             |             |             |             |             |             |             |             |             |             |             |             | n produc<br>V is 15 n |             |                     |
|        |         |        |             |                |                |             |             |             |             |             |             |             | R           | eorder      |             |             |             |             |             |             |             |             |             |             |             |             |             | BCRV S                |             | uite.<br>o vehicle  |
|        |         |        |             |                |                |             |             |             |             |             |             |             | In          | nitial      |             |             |             |             |             |             |             |             |             |             | contrac     | et award    | resulted    | in a redu             | iced LT     | for the             |
|        |         |        |             |                |                |             |             |             |             |             |             |             | R           | eorder      |             |             |             |             |             |             |             |             |             |             |             |             |             | FY08.<br>driven by    |             |                     |
|        |         |        |             |                |                |             | -           | 1           |             |             | -           |             | In          | nitial      |             |             |             | L           |             |             |             |             |             |             | titaniui    | m. Rec      | eived au    | thority to            | purcha      | se LLM              |
|        |         |        |             |                |                |             |             |             |             |             |             |             | R           | eorder      |             |             |             |             |             |             |             |             |             |             |             |             |             | GS vehic<br>Y08 MG    |             |                     |
|        | -       |        |             |                |                |             |             |             |             |             |             |             | In          | nitial      |             |             | -           |             |             |             |             |             |             |             |             |             |             |                       |             |                     |
|        |         |        |             |                |                |             |             |             |             |             |             |             | R           | eorder      |             |             |             |             |             |             |             |             |             |             |             |             |             |                       |             |                     |

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|        |       | F      | FY 12       | / 13 BU        | J <b>DGE</b>   | T PR        | ODUC        | CTIO        | N SCI  | HEDU        | LE       |         |          | P-1 ITEI<br>STRYK |          |        |             |        |             |             |             |             | Dat      | te:    | May 20   | 009                   |           |             |             |                      |
|--------|-------|--------|-------------|----------------|----------------|-------------|-------------|-------------|--------|-------------|----------|---------|----------|-------------------|----------|--------|-------------|--------|-------------|-------------|-------------|-------------|----------|--------|----------|-----------------------|-----------|-------------|-------------|----------------------|
|        | C     | OST    | ELEN        | 1ENTS          | }              |             |             |             |        |             | Fiscal ` | Year 12 | 2        |                   |          |        |             |        |             |             |             |             | Fiscal Y | ear 13 | 3        |                       |           |             |             |                      |
| M      |       | S<br>E | PROC<br>QTY | ACCEP<br>PRIOR | BAL<br>DUE     |             |             |             |        |             |          |         |          | Calenda           | r Year 1 | 12     |             |        |             |             |             |             |          | Calen  | ndar Yea | ar 13                 |           |             |             |                      |
| F<br>R | FY    | R<br>V | Units       | TO<br>1 OCT    | AS OF<br>1 OCT | O<br>C<br>T | N<br>O<br>V | D<br>E<br>C | J<br>A | F<br>E<br>B | M<br>A   | A<br>P  | M<br>A   | U                 | J<br>U   | A<br>U | S<br>E<br>P | O<br>C | N<br>O<br>V | D<br>E<br>C | J<br>A<br>N | F<br>E<br>B | M<br>A   | A<br>P | M<br>A   | J<br>U                | J<br>U    | A<br>U<br>G | S<br>E<br>P | Later                |
| 1      | FY 08 | A      | 191         | 191            |                | 1           | V           | C           | N      | В           | R        | R       | Y        | N                 | L        | G      | P           | T      | V           | C           | N           | В           | R        | R      | Y        | N                     | L         | G           | P           | 0                    |
| 1      | FY 09 | A      | 40          |                | 25             | 3           | 3           | 3           | 4      | 4           | 4        | 4       |          |                   |          |        |             |        |             |             |             |             |          |        |          |                       |           |             |             | 0                    |
| 1      | FY 09 | A      | 48          |                | ļ              | 4           | 4           |             | 4      | 4           | 4        |         |          |                   |          |        |             |        |             |             |             |             |          |        |          |                       |           |             |             | 0                    |
|        |       |        |             |                |                |             |             |             |        |             |          |         |          |                   |          |        |             |        |             |             |             |             |          |        |          |                       |           |             |             |                      |
|        |       |        |             |                |                |             |             |             |        |             |          |         |          |                   |          |        |             |        |             |             |             |             |          |        |          |                       |           |             |             |                      |
|        |       |        |             |                |                |             |             |             |        |             |          |         |          |                   |          |        |             |        |             |             |             |             |          |        |          |                       |           |             |             |                      |
|        |       |        |             |                |                |             |             |             |        |             |          |         |          |                   |          |        |             |        |             |             |             |             |          |        |          |                       |           |             |             |                      |
|        |       |        |             |                |                |             |             |             |        |             |          |         |          |                   |          |        |             |        |             |             |             |             |          |        |          |                       |           |             |             |                      |
|        |       |        |             |                |                |             |             |             |        |             |          |         |          |                   |          |        |             |        |             |             |             |             |          |        |          |                       |           |             |             |                      |
|        |       |        |             |                |                |             |             |             |        |             |          |         |          |                   |          |        |             |        |             |             |             |             |          |        |          |                       |           |             |             |                      |
|        |       |        |             | 1              |                |             |             |             |        |             |          |         |          |                   |          |        |             |        |             |             |             |             |          |        |          |                       |           |             |             | -                    |
|        |       |        |             |                |                |             |             |             |        |             |          |         |          |                   |          |        |             |        |             |             |             |             |          |        |          |                       |           |             |             |                      |
|        |       |        |             |                |                |             |             |             |        |             |          |         |          |                   |          |        |             |        |             |             |             |             |          |        |          |                       |           |             |             | $\vdash$             |
|        |       |        |             |                |                |             |             |             |        |             |          |         |          |                   |          |        |             |        |             |             |             |             |          |        |          |                       |           |             |             |                      |
| To     | tal   |        |             |                | 49             | 7           | 7           | 7           | 8      | 8           | 8        | 4       |          |                   |          |        |             |        |             |             |             |             |          |        |          |                       |           |             |             |                      |
|        |       |        |             | 1              | I              | О           | N           | D           | J      | F           | M        | A       | M        |                   | J        | A      | S           | 0      | N           | D<br>E      | J           | F           | M        | A      | M        | J                     | J         | A           | S           |                      |
|        |       |        |             |                |                | C<br>T      | O<br>V      | E<br>C      | A<br>N | E<br>B      | A<br>R   | P<br>R  | A<br>Y   | U<br>N            | U<br>L   | U<br>G | E<br>P      | C<br>T | O<br>V      | E<br>C      | A<br>N      | E<br>B      | A<br>R   | P<br>R | A<br>Y   | U<br>N                | U<br>L    | U<br>G      | E<br>P      |                      |
|        |       |        |             |                |                |             |             |             |        |             |          |         |          |                   |          |        |             |        |             |             |             |             |          |        |          |                       |           |             |             |                      |
| M      |       |        |             |                |                |             | ]           | PRODU       | CTION  | RATES       |          |         |          |                   |          | A      | DMIN I      | EAD T  | TME         |             | MFR         |             | TOTA     | AL     | REMA     |                       |           |             |             |                      |
| F      |       |        |             |                |                |             |             |             |        |             | Reac     | hed M   | FR       |                   |          | Prio   | or 1 Oct    | Afte   | r 1 Oct     | Aft         | er 1 Oct    |             | After 1  | Oct    |          | Leadting<br>Stryker   |           |             |             |                      |
| R      |       |        | Nan         | ne - Locati    | on             |             | N           | MIN         | 1-8-5  | MAX         | D-       | +       | 1 I      | nitial            |          |        | 8           |        | 10          |             | 10          |             | 20       |        | Months   | s. Fund               | ing for l | Long-lea    | d materi    | ial (LLM)            |
| 1      |       | DLS De | efense Gr   | oup L.L.C      | ., Shelby      | Townsh      | nip,        | 240         | 480    | 720         |          |         | R        | leorder           |          |        | 0           |        | 10          |             | 10          |             | 20       |        |          |                       |           |             |             | FY08 in<br>May/Jun   |
|        | MI    |        |             |                |                |             |             |             |        |             |          |         | I        | nitial            |          |        |             |        |             |             |             |             |          |        | 09. L'   | T for the             | NBCR'     | V is 15 n   | nonths d    | lriven by            |
|        | 1     |        |             |                |                |             | -           | +           |        |             |          |         | R        | Reorder           |          |        |             |        |             |             |             |             |          |        |          | ilability<br>g for LL |           |             |             | to vehicle           |
|        |       |        |             |                |                |             |             |             |        |             |          |         | Iı       | nitial            |          |        |             |        |             |             |             |             |          |        | contrac  | t award               | resulted  | in a red    | uced LT     | for the              |
|        | 1     |        |             |                |                |             |             |             |        |             |          |         |          | teorder           |          |        |             |        |             |             |             |             |          |        | the MC   | 3S is 21 i            | months    | driven b    | y the pu    | rchase of            |
|        | -     |        |             |                |                |             | -+          | +           |        |             |          |         | <u> </u> | nitial            |          |        |             |        |             |             |             | $\perp$     |          |        |          |                       |           |             |             | se LLM<br>ilted in a |
|        |       |        |             |                |                |             | +           |             |        |             |          | _       |          | leorder           |          | -      |             |        |             |             |             | $\perp$     |          |        |          | ed LT fo              |           |             |             |                      |
|        | 1     |        |             |                |                |             |             |             |        |             |          |         | <b>-</b> | nitial            |          | -      |             |        |             |             |             | +           |          |        | 4        |                       |           |             |             |                      |
|        | +     |        |             |                |                |             | Reorder     |             |        |             |          |         |          |                   |          |        |             | 1      |             | 1           |             |             |          |        |          |                       |           |             |             |                      |

| Exhibit P-40, Budget Item J  | Justification S | heet  |               |                                   |                                   | Date:       | y 2009     |
|--|-----------------|-------|---------------|-----------------------------------|-----------------------------------|-------------|------------|
| Appropriation / Budget Activity / Serial<br>Procurement of W&TCV, Army / 1 / T |                 |       |               | P-1 Item Nomenclat<br>Future Comb | ure<br>at Systems: (FCS) (G86100) |             |            |
| Program Elements for Code B Items:   |                 | Code: | Other Related | Program Elements:                 |                                   |             |            |
|  | Prior Years     |       | FY 2008       | FY 2009                           | FY 2010                           | To Complete | Total Prog |
| Proc Qty   |                 |       |               |                                   |                                   |             |            |
| Gross Cost   |                 |       | 50.8          | 156.1                             |                                   |             | 207.0      |
| Less PY Adv Proc   |                 |       |               | 28.1                              |                                   |             | 28.1       |
| Plus CY Adv Proc   |                 |       | 28.1          | 26.1                              |                                   |             | 54.2       |
| Net Proc P1  |                 |       | 78.9          | 154.1                             |                                   |             | 233.1      |
| Initial Spares   |                 |       |               |                                   |                                   |             |            |
| Total Proc Cost  |                 |       | 78.9          | 154.1                             |                                   |             | 233.1      |
| Flyaway U/C  |                 |       |               |                                   |                                   |             |            |
| Weapon System Proc U/C   |                 |       |               |                                   |                                   |             |            |
| D : //   |                 | •     | •             |                                   |                                   |             |            |

The NLOS-C is the Army's first fully automated 155-mm howitzer, 38 caliber cannon that provides automated, 24/7, all-weather precision fire support to the FCS (BCT) commander. It will be organic to and provide networked, extended-range (30kms), responsive and sustained precision attack of point and area targets in support of the FCS (BCT). The NLOS-C will provide close support and destructive fires for tactical standoff engagement during both offensive and defensive operations in concert with line-of-sight, beyond line-of-sight and other NLOS external and joint capabilities in combat scenarios spanning the spectrum of ground combat. The NLOS-Cannon's fully automated ammunition handling system and real-time digital operating environment enables two soldiers to perform the tasks which require four to five soldiers on current force systems.

Per new direction, MGV portion (including NLOS-C) of FCS program is restructured, thus NLOS-C SPI Procurement is terminated and will not be awarded in FY09 and FY10. Therefore, funding has been deleted.

| Exhibit P-5, Weapon WTCV Cost Analysis | Appropriation/Budget Activity/Serial No:<br>Procurement of W&TCV, Army / 1 / Trac<br>vehicles | ked com |            |       | menclature:<br>ystems: (FCS) (G | 86100)     |       | Weapon System | n Type:    | Date: | May 2009  |
|--|---|---------|------------|-------|---------------------------------|------------|-------|---------------|------------|-------|-----------|
| WTCV                                   |   | ID      | •          | FY 08 |                                 |            | FY 09 | •             |            | FY 10 |           |
| Cost Elemen                            | ts  | CD      | Total Cost | Qty   | Unit Cost                       | Total Cost | Qty   | Unit Cost     | Total Cost | Qty   | Unit Cost |
|  |   |         | \$000      | Units | \$000                           | \$000      | Units | \$000         | \$000      | Units | \$000     |
| Non Recurring Production (NLOS-C)      |   |         |            |       |                                 |            |       |               |            |       |           |
| Facilitization and Tooling             |   |         | 50832      |       |                                 |            |       |               |            |       |           |
| Recurring Production MGV (NLOS-C)      |   |         |            |       |                                 |            |       |               |            |       |           |
| Lethality/Mission Equipment            |   |         |            |       |                                 | 49936      | 5     | 9987          |            |       |           |
| Structure/Survivability                |   |         |            |       |                                 | 8904       | 5     | 1781          |            |       |           |
| Mobility                               |   |         |            |       |                                 | 41906      | 5     | 8381          |            |       |           |
| Vetronics                              |   |         |            |       |                                 | 29269      | 5     | 5854          |            |       |           |
| Other (C4ISR/ECS)                      |   |         |            |       |                                 | 5994       | 5     | 1199          |            |       |           |
| Recurring Production Spt Cost (NLOS-C) |   |         |            |       |                                 |            |       |               |            |       |           |
| Production Support (NLOS-C)            |   |         |            |       |                                 | 13477      |       |               |            |       |           |
| Fielding Support (NLOS-C)              |   |         |            |       |                                 | 6654       |       |               |            |       |           |
| Less: PY Advanced Procurement (NLOS-C) |   |         |            |       |                                 | -28100     |       |               |            |       |           |
| Plus: CY Advanced Procurement (NLOS-C) |   |         | 28100      |       |                                 | 26087      |       |               |            |       |           |
| Total:                                 |   |         | 78932      |       |                                 | 154127     |       |               |            |       |           |

| Exhibit P-5a, Budget Procurement Hi   | story and Planning      |                                |  |            |                           |             |                    | ate:<br>Iay 2009       | )                      |                      |
|---|-------------------------|--------------------------------|--|------------|---------------------------|-------------|--------------------|------------------------|------------------------|----------------------|
| Appropriation/Budget Activity/Serial No: Procurement of W&TCV, Army/ 1/ Tracked combat vehicles | Weapon System Type:     |                                | Nomenclature:<br>t Systems: (FCS) (G86100) |            |                           |             |                    |                        |                        |                      |
| WBS Cost Elements:  | Contractor and Location | Contract<br>Method and<br>Type | Location of PCO                            | Award Date | Date of First<br>Delivery | QTY<br>Each | Unit Cost<br>\$000 | Specs<br>Avail<br>Now? | Date<br>Revsn<br>Avail | RFP<br>Issue<br>Date |
| Lethality/Mission Equipment   |                         |                                |  |            |                           |             |                    |                        |                        |                      |
| FY 2009   |                         | SS/FP                          | TACOM-Warren                               | Sep 09     | May 10                    | 5           | 9989               |                        |                        |                      |
| Structure/Survivability   |                         |                                |  |            |                           |             |                    |                        |                        |                      |
| FY 2009   |                         | SS/FP                          | TACOM-Warren                               |            |                           | 5           | 1781               |                        |                        |                      |
| Mobility  |                         |                                |  |            |                           |             |                    |                        |                        |                      |
| FY 2009   |                         | SS/FP                          | TACOM-Warren                               |            |                           | 5           | 8381               |                        |                        |                      |
| Vetronics   |                         |                                |  |            |                           |             |                    |                        |                        |                      |
| FY 2009   |                         | SS/FP                          | TACOM-Warren                               |            |                           | 5           | 5854               |                        |                        |                      |
| Other (C4ISR/ECS)   |                         |                                |  |            |                           |             |                    |                        |                        |                      |
| FY 2009   |                         | SS/FP                          | TACOM-Warren                               |            |                           | 5           | 1199               |                        |                        |                      |

REMARKS: Tier 1 SUBCONTRACTORS: General Dynamics Land Systems - Lima, Ohio

SAIC BAE - both Armament Systems (Minneapolis, MN) and Ground Systems divisions (York,PA and Santa Clara, CA)

GDRS - provides the ANS GDAIS - provides the ICS

FY09 reflects anticipated quantities and estimates prior to recommended termination of the program.

|        |         | F         | FY 08       | / 09 BU        | JDGE'          | T PRO       | ODUC        | CTIO        | N SC        | HEDU        | LE          |             |             | P-1 ITEI<br>Future C |             |             |             | 386100)     |               |             |  |             | Dat           | e:          | May 20         | 009                    |             |             |             |           |
|--------|---------|-----------|-------------|----------------|----------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|----------------------|-------------|-------------|-------------|-------------|---------------|-------------|--|-------------|---------------|-------------|----------------|------------------------|-------------|-------------|-------------|-----------|
|        | C       | OST       | ELEN        | IENTS          |                |             |             |             |             |             | Fiscal      | Year 08     | 3           |                      |             |             |             |             |               |             |  | ]           | Fiscal Y      | ear 09      | )              |                        |             |             |             |           |
| M      |         | S<br>E    | PROC<br>QTY | ACCEP<br>PRIOR | BAL<br>DUE     |             |             |             |             |             |             |             |             | Calenda              | r Year      | 08          |             |             |               |             |  |             |               | Calen       | dar Yea        | ır 09                  |             |             |             |           |
| F<br>R | FY      | R<br>V    | Units       | TO<br>1 OCT    | AS OF<br>1 OCT | O<br>C<br>T | N<br>O<br>V | D<br>E<br>C | J<br>A<br>N | F<br>E<br>B | M<br>A<br>R | A<br>P<br>R | M<br>A<br>Y | J<br>U<br>N          | J<br>U<br>L | A<br>U<br>G | S<br>E<br>P | O<br>C<br>T | N<br>O<br>V   | D<br>E<br>C | J<br>A<br>N  | F<br>E<br>B | M<br>A<br>R   | A<br>P<br>R | M<br>A<br>Y    | J<br>U<br>N            | J<br>U<br>L | A<br>U<br>G | S<br>E<br>P | Later     |
| MO     | GV (NLC | S-C)      |             | 1              |                | ,           | ,           |             | •           |             |             |             |             |                      |             |             | 1           |             |               | ij          |  |             |               |             |                |                        |             |             |             |           |
|        | FY 09   | A         | 5           | 0              | 5              |             |             |             |             |             |             |             |             |                      |             |             |             |             |               |             |  |             |               |             |                |                        |             |             | A           | 5         |
|        |         |           |             |                |                |             |             |             |             |             |             |             |             |                      |             |             |             |             |               |             |  |             |               |             |                |                        |             |             |             |           |
|        |         |           |             |                |                |             |             |             |             |             |             |             |             |                      |             |             |             |             |               |             |  |             |               |             |                |                        |             |             |             |           |
|        |         |           |             |                |                |             |             |             |             |             |             |             |             |                      |             |             |             |             |               |             |  |             |               |             |                |                        |             |             |             |           |
|        |         |           |             |                |                |             |             |             |             |             |             |             |             |                      |             |             |             |             |               |             |  |             |               |             |                |                        |             |             |             |           |
|        |         |           |             |                |                |             |             |             |             |             |             |             |             |                      |             |             |             |             |               |             |  |             |               |             |                |                        |             |             |             |           |
|        |         |           |             |                |                |             |             |             |             |             |             |             |             |                      |             |             |             |             |               |             |  |             |               |             |                |                        |             |             |             |           |
|        |         |           |             |                |                |             |             |             |             |             |             |             |             |                      |             |             |             |             |               |             |  |             |               |             |                |                        |             |             |             |           |
|        |         |           |             |                |                |             |             |             |             |             |             |             |             |                      |             |             |             |             |               |             |  |             |               |             |                |                        |             |             |             |           |
|        |         |           |             |                |                |             |             |             |             |             |             |             |             |                      |             |             |             |             |               |             |  |             |               |             |                |                        |             |             |             |           |
|        |         |           |             |                |                |             |             |             |             |             |             |             |             |                      |             |             |             |             |               |             |  |             |               |             |                |                        |             |             |             |           |
|        |         |           |             |                |                |             |             |             |             |             |             |             |             |                      |             |             |             |             |               |             |  |             |               |             |                |                        |             |             |             |           |
| To     | tal     |           |             |                | 5              |             |             | P           |             | -           |             |             |             |                      | ,           |             | 0           |             | 27            | ъ           |  | -           |               |             |                |                        |             |             | -           | 5         |
|        |         |           |             |                |                | O<br>C<br>T | N<br>O<br>V | D<br>E<br>C | J<br>A<br>N | F<br>E<br>B | M<br>A<br>R | A<br>P<br>R | M<br>A<br>Y | J<br>U<br>N          | J<br>U<br>L | A<br>U<br>G | S<br>E<br>P | O<br>C<br>T | N<br>O<br>V   | D<br>E<br>C | J<br>A<br>N  | F<br>E<br>B | M<br>A<br>R   | A<br>P<br>R | M<br>A<br>Y    | J<br>U<br>N            | J<br>U<br>L | A<br>U<br>G | S<br>E<br>P |           |
|        | r       |           |             |                |                |             |             |             |             |             |             |             | ı           |                      |             |             |             |             |               |             |  |             |               |             |                |                        |             |             |             |           |
| M      |         |           |             |                |                |             |             | PRODU       | CTION       | RATES       | 4           |             |             |                      |             |             | DMIN I      |             |               | 4           | MFR  |             | TOTA          |             | REMA<br>Produc |                        | es are re   | presenta    | tive of s   | ingle FCS |
| F<br>R |         |           | Non         | ne - Locati    | on             |             | ,           | MIN         | 1-8-5       | MAX         | Reac<br>D-  | hed M       |             | itial                |             | Pri         | or 1 Oct    |             | r 1 Oct<br>12 | Aft         | er 1 Oct<br>8  |             | After 1<br>20 |             | MGV I          | NLOS-C                 | Chassis     | , not the   | full FC     | C (BCT)   |
| 1      |         | . St Loi  | uis, MO     | ie - Locati    | OII            |             | - 1         | IVIIIN      | 1           | 2           | D-          | -           | <b>—</b>    | eorder               |             |             | 0           |             | 0             |             | 0  |             | 0             |             |                |                        | s not app   | olicable o  | lue to no   | ew        |
| _      | Boeing  | ,, 5: 25: | 410, 1110   |                |                |             |             |             |             |             |             |             |             | itial                |             |             | 0           |             | 0             |             | 0 0 This schedule is not applicable due to net direction.                        |             |               |             |                |                        |             |             |             |           |
|        |         |           |             |                |                |             |             |             |             |             |             |             | Re          | eorder               |             |             |             |             |               |             | Per new direction, MGV portion (including NLOS-C) of FCS program is being recomm |             |               |             |                |                        |             |             |             |           |
|        |         |           |             |                |                |             |             |             |             |             |             |             | In          | itial                |             |             |             |             |               |             |  |             |               |             | for term       | nination,              | thus NI     | LOS-C S     | PI Proc     | urement   |
|        |         |           |             |                |                |             |             |             |             |             |             |             | Re          | eorder               |             |             |             |             |               |             |  |             |               |             |                | t be awar<br>n deletec |             | FY09 an     | 1 FY10      | funding   |
|        |         |           |             |                |                |             |             |             |             |             | 1           |             | <u> </u>    | itial                |             |             |             |             |               |             |  |             |               |             |                |                        |             |             |             |           |
|        |         |           |             |                |                |             |             |             |             |             |             |             |             | eorder               |             |             |             | -           |               |             |  | _           |               |             | -              |                        |             |             |             |           |
|        | -       |           |             |                |                |             |             |             |             |             | +           |             | -           | itial                |             |             |             |             |               |             |  |             |               |             | -              |                        |             |             |             |           |

|        |         | I        | FY 10 /     | 11 BU          | J <b>DGE</b>   | T PR        | ODU         | CTIO   | N SCI       | HEDU        | ILE         |             |             |             | M NOME<br>Combat Sy |             |             | G86100)     |             |             |             |             | Dat         | te:         | May 20      | 009                   |                  |             |  |                  |
|--------|---------|----------|-------------|----------------|----------------|-------------|-------------|--|-------------|-------------|-------------|-------------|-------------|-------------|---------------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-----------------------|------------------|-------------|--|------------------|
|        | C       | OST      | ELEM        | IENTS          | }              |             |             |  |             |             | Fiscal      | Year 10     | )           |             |                     |             |             |             |             |             |             |             | Fiscal Y    | ear 1       | 1           |                       |                  |             |  |                  |
| M      |         | S<br>E   | PROC<br>QTY | ACCEP<br>PRIOR | BAL<br>DUE     |             |             |  |             |             |             |             |             | Calenda     | ır Year 1           | 10          |             |             |             |             |             |             |             | Caler       | ndar Yea    | ar 11                 |                  |             |  |                  |
| F<br>R | FY      | R<br>V   | Units       | TO<br>1 OCT    | AS OF<br>1 OCT | O<br>C<br>T | N<br>O<br>V | D<br>E<br>C                                      | J<br>A<br>N | F<br>E<br>B | M<br>A<br>R | A<br>P<br>R | M<br>A<br>Y | J<br>U<br>N | J<br>U<br>L         | A<br>U<br>G | S<br>E<br>P | O<br>C<br>T | N<br>O<br>V | D<br>E<br>C | J<br>A<br>N | F<br>E<br>B | M<br>A<br>R | A<br>P<br>R | M<br>A<br>Y | J<br>U<br>N           | J<br>U<br>L      | A<br>U<br>G | S<br>E<br>P                                      | Later            |
| MO     | GV (NLC | S-C)     | 1           | ı              | 1              | 1           |             |  |             |             |             |             |             | 1           |                     |             |             |             |             |             |             |             |             | ı           | 1           |                       | ı                |             |  | 1                |
|        | FY 09   | A        | 5           | 0              | 5              |             |             |  |             |             |             |             |             | 1           |                     | 1           |             |             | 1           |             | 1           |             |             |             |             |                       |                  |             |  | 0                |
|        |         |          |             |                |                |             |             |  |             |             |             |             |             |             |                     |             |             |             |             |             |             |             |             |             |             |                       |                  |             |  |                  |
|        |         |          |             |                |                |             |             |  |             |             |             |             |             |             |                     |             |             |             |             |             |             |             |             |             |             |                       |                  |             |  |                  |
|        |         |          |             |                |                |             |             |  |             |             |             |             |             |             |                     |             |             |             |             |             |             |             |             |             |             |                       |                  |             |  |                  |
|        |         |          |             |                |                |             |             |  |             |             |             |             |             |             |                     |             |             |             |             |             |             |             |             |             |             |                       |                  |             |  |                  |
|        |         |          |             |                |                |             |             | <u> </u>   |             |             |             |             |             |             |                     |             |             |             |             |             |             |             |             |             |             |                       |                  |             | <u> </u>   |                  |
|        |         |          |             |                |                |             |             | <u> </u>   |             |             |             |             |             |             |                     |             |             |             |             |             |             |             |             |             |             |                       |                  | <u> </u>    | <u> </u>   |                  |
|        |         |          |             |                |                |             |             | <u> </u>   |             |             |             |             |             |             |                     |             |             |             |             |             |             |             |             |             |             |                       |                  |             | <u> </u>   |                  |
|        |         |          |             |                |                |             |             | <u> </u>   |             |             |             |             |             |             |                     |             |             |             |             |             |             |             |             |             |             |                       |                  | <b>_</b>    | <u> </u>   |                  |
|        |         |          |             |                |                |             |             | <del>                                     </del> |             |             |             |             |             |             |                     |             |             |             |             |             |             |             |             |             |             |                       |                  | <u> </u>    | ├──  | -                |
|        |         |          |             |                |                |             |             |  |             |             |             |             |             |             | -                   |             |             |             |             |             |             |             |             |             |             |                       |                  |             | <u> </u>   |                  |
|        |         |          |             |                |                |             |             |  |             |             |             |             |             |             |                     |             |             |             |             |             |             |             |             |             |             |                       |                  |             |  |                  |
|        |         |          |             |                |                |             |             | -  |             |             |             |             |             |             |                     |             |             |             |             |             |             |             |             |             |             |                       |                  | _           | <del>                                     </del> |                  |
| To     | al      |          |             |                | 5              |             |             |  |             |             |             |             | 1           | 1           |                     | 1           |             |             | 1           |             | 1           |             |             |             |             |                       |                  |             |  |                  |
|        |         |          | l .         | <u>I</u>       | l .            | 0           | N           | D  | J           | F           | M           | A           | M           | J           | J                   | A           | S           | О           | N           | D           | J           | F           | M           | A           | M           | J                     | J                | A           | S  |                  |
|        |         |          |             |                |                | C<br>T      | O<br>V      | E<br>C   | A<br>N      | E<br>B      | A<br>R      | P<br>R      | A<br>Y      | U<br>N      | U<br>L              | U<br>G      | E<br>P      | C<br>T      | O<br>V      | E<br>C      | A<br>N      | E<br>B      | A<br>R      | P<br>R      | A<br>Y      | U<br>N                | U<br>L           | U<br>G      | E<br>P   |                  |
|        |         |          |             |                |                | 1           |             |  | - 11        | Б           | - 1         | K           |             | 1 .,        |                     | 0           | -           |             |             |             | -11         | В           | IX.         | IX.         |             |                       | L                |             |  |                  |
|        |         |          |             |                |                |             |             |  |             |             |             |             |             |             |                     |             |             |             |             |             |             |             |             |             |             |                       |                  |             |  |                  |
| M      |         |          |             |                |                |             |             | PRODU  | ICTION :    | RATES       |             |             |             |             |                     | A           | DMIN I      | LEAD T      | IME         |             | MFR         |             | TOTA        | <b>A</b> L  | REMA        |                       |                  |             |  |                  |
| F      |         |          |             |                |                |             |             |  |             |             | Reac        | hed M       | FR          |             |                     | Prio        | or 1 Oct    | Afte        | r 1 Oct     | Aft         | ter 1 Oct   |             | After 1     | Oct         | Per nev     | w direction of FC     | on; MG<br>S prog | V portion   | a (includ  | ding<br>ommended |
| R      |         |          | Nam         | ne - Locati    | on             |             | 1           | MIN  | 1-8-5       | MAX         | D-          | +           | 1 In        | tial        |                     |             | 0           |             | 12          |             | 8           |             | 20          |             | for terr    | nination              | ; thus N         | LOS-C S     | SPI Proc   | urement          |
| 1      | Boeing  | g, St Lo | uis, MO     |                |                |             |             |  | 1           | 2           |             |             | Re          | order       |                     |             | 0           |             | 0           |             | 0           |             | 0           |             |             | t be awa<br>en delete |                  | FY09 an     | d FY10   | funding          |
|        |         |          |             |                |                |             |             |  |             |             |             |             | In          | tial        |                     |             |             |             |             |             |             |             |             |             |             |                       |                  |             |  |                  |
|        |         |          |             |                |                |             |             |  |             |             |             |             | Re          | order       |                     |             |             |             |             |             |             |             |             |             |             |                       |                  |             |  |                  |
|        |         |          |             |                |                |             |             |  |             |             |             |             | In          | tial        |                     |             |             |             |             |             |             |             |             |             |             |                       |                  |             |  |                  |
|        |         |          |             |                |                |             |             |  |             |             |             |             | Re          | order       |                     |             |             |             |             |             |             |             |             |             |             |                       |                  |             |  |                  |
|        |         |          |             |                |                |             |             |  |             |             |             |             | In          | tial        |                     |             |             |             |             |             |             |             |             |             |             |                       |                  |             |  |                  |
|        |         |          |             |                |                |             |             |  |             |             |             |             | Re          | order       |                     |             |             |             |             |             |             |             |             |             |             |                       |                  |             |  |                  |
|        |         |          |             |                |                |             |             |  |             |             |             |             | In          | tial        |                     |             |             |             |             |             |             |             |             |             |             |                       |                  |             |  |                  |
|        |         |          |             |                |                |             |             |  |             |             | 1           |             | Re          | order       |                     |             |             |             | ·           |             | ·           |             |             |             | 1           |                       |                  |             |  |                  |

|        |         | I        | FY 12       | 13 BU          | JDGE'          | ΓPRO        | ODU         | CTIO   | N SCI       | HEDU        | ILE         |             |             |               | M NOMI<br>Combat S |             |             | G86100)     | )           |             |             |             | Dat         | te:         | May 20      | 009                    |                   |  |  |                    |
|--------|---------|----------|-------------|----------------|----------------|-------------|-------------|--|-------------|-------------|-------------|-------------|-------------|---------------|--------------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|------------------------|-------------------|--|--|--------------------|
|        | C       | OST      | ELEM        | IENTS          |                |             |             |  |             |             | Fiscal      | Year 12     | 2           |               |                    |             |             |             |             |             |             |             | Fiscal Y    | ear 13      | 3           |                        |                   |  |  |                    |
| М      |         | S<br>E   | PROC<br>QTY | ACCEP<br>PRIOR | BAL<br>DUE     |             |             |  |             |             |             |             |             | Calenda       | ar Year 1          | 12          |             |             |             |             |             |             |             | Caler       | ndar Yea    | ar 13                  |                   |  |  |                    |
| F<br>R | FY      | R<br>V   | Units       | TO<br>1 OCT    | AS OF<br>1 OCT | O<br>C<br>T | N<br>O<br>V | D<br>E<br>C                                      | J<br>A<br>N | F<br>E<br>B | M<br>A<br>R | A<br>P<br>R | M<br>A<br>Y | J<br>U<br>N   | J<br>U<br>L        | A<br>U<br>G | S<br>E<br>P | O<br>C<br>T | N<br>O<br>V | D<br>E<br>C | J<br>A<br>N | F<br>E<br>B | M<br>A<br>R | A<br>P<br>R | M<br>A<br>Y | J<br>U<br>N            | J<br>U<br>L       | A<br>U<br>G                                      | S<br>E<br>P                                      | Later              |
| M      | GV (NLC | S-C)     | I           | I              |                |             | 1           | 1 -  |             |             |             |             |             | 1             |                    |             |             |             |             |             |             |             |             |             |             |                        |                   |  | <u> </u>   | 1                  |
|        | FY 09   | A        | 5           | 5              |                |             |             |  |             |             |             |             |             |               | T                  |             |             |             |             |             |             |             |             |             |             |                        |                   |  |  | 0                  |
|        |         |          |             |                |                |             |             |  |             |             |             |             |             |               |                    |             |             |             |             |             |             |             |             |             |             |                        |                   |  |  |                    |
|        |         |          |             |                |                |             |             | <u> </u>   |             |             |             |             |             |               | <u> </u>           |             |             |             |             |             |             |             |             |             |             |                        |                   |  | <u> </u>   |                    |
|        |         |          |             |                |                |             |             | <u> </u>   |             |             |             |             |             |               | ₩                  |             |             |             |             |             |             |             |             |             |             |                        |                   | <b>_</b>   | <u> </u>   |                    |
|        |         |          |             |                |                |             |             | <del>                                     </del> |             |             |             |             |             |               | $\vdash$           |             |             |             |             |             |             |             |             |             |             |                        |                   |  |  |                    |
|        |         |          |             |                |                |             |             |  |             |             |             |             |             |               | +                  |             |             |             |             |             |             |             |             |             |             |                        |                   |  |  |                    |
|        |         |          |             |                |                |             |             |  |             |             |             |             |             |               | 1                  |             |             |             |             |             |             |             |             |             |             |                        |                   |  |  |                    |
|        |         |          |             |                |                |             |             |  |             |             |             |             |             |               |                    |             |             |             |             |             |             |             |             |             |             |                        |                   |  |  |                    |
|        |         |          |             |                |                |             |             | <u> </u>   |             |             |             |             |             |               |                    |             |             |             |             |             |             |             |             |             |             |                        |                   | <u> </u>   | <u> </u>   |                    |
|        |         |          |             |                |                |             |             |  |             |             |             |             |             |               | —                  |             |             |             |             |             |             |             |             |             |             |                        |                   |  | <u> </u>   |                    |
|        |         |          |             |                |                |             |             | <u> </u>   |             |             |             |             |             |               | ┼                  |             |             |             |             |             |             |             |             |             |             |                        |                   |  |  |                    |
|        |         |          |             |                |                |             |             | <del>                                     </del> |             |             |             |             |             |               | +                  |             |             |             |             |             |             |             |             |             |             |                        |                   | <del>                                     </del> | <del>                                     </del> |                    |
| То     | tal     |          |             |                |                |             |             |  |             |             |             |             |             |               |                    |             |             |             |             |             |             |             |             |             |             |                        |                   |  |  |                    |
|        |         |          |             |                | ,              | O<br>C<br>T | N<br>O<br>V | D<br>E<br>C                                      | J<br>A<br>N | F<br>E<br>B | M<br>A<br>R | A<br>P<br>R | M<br>A<br>Y | J<br>U<br>N   | J<br>U<br>L        | A<br>U<br>G | S<br>E<br>P | O<br>C<br>T | N<br>O<br>V | D<br>E<br>C | J<br>A<br>N | F<br>E<br>B | M<br>A<br>R | A<br>P<br>R | M<br>A<br>Y | J<br>U<br>N            | J<br>U<br>L       | A<br>U<br>G                                      | S<br>E<br>P                                      |                    |
|        |         |          |             |                |                |             |             |  | 1           |             |             |             |             |               |                    | ı           |             |             |             | ı           |             |             |             |             |             |                        |                   |  |  |                    |
| M      |         |          |             |                |                |             |             | PRODU  | ICTION :    | RATES       |             |             |             |               |                    | А           | DMIN I      | LEAD T      | TIME        |             | MFR         |             | TOTA        | AL          | REMA        | RKS                    | 3.60              |  |  |                    |
| F      |         |          |             |                |                |             |             |  |             |             |             | hed M       | FR          |               |                    | Prio        | or 1 Oct    | _           | er 1 Oct    | Aft         | er 1 Oct    |             | After 1     | Oct         | Per nev     | w directi<br>-C) of F0 | on, MG<br>CS prog | V portion<br>ram is be                           | n (include<br>eing rec                           | ding<br>ommended   |
| R      | _       |          |             | ne - Locati    | on             |             | 1           | MIN  | 1-8-5       | MAX         | D           | +           | 1 Ini       |               |                    |             | 0           |             | 12          |             | 8           |             | 20          |             | for terr    | nination,              | , thus N          | LOS-C S  | SPI Proc   | urement<br>funding |
| 1      | Boeing  | g, St Lo | uis, MO     |                |                |             | _           |  | 1           | 2           |             |             |             | order         |                    |             | 0           |             | 0           |             | 0           |             | 0           |             |             | en delete              |                   | 1 102 an   | <b>u</b> 1110                                    | runding            |
|        |         |          |             |                |                |             |             |  |             |             |             |             | _           | tial          |                    |             |             |             |             |             |             |             |             |             | _           |                        |                   |  |  |                    |
|        |         |          |             |                |                |             |             | $\longrightarrow$                                |             |             |             |             |             | order<br>tial |                    |             |             |             |             |             |             |             |             |             | -           |                        |                   |  |  |                    |
|        |         |          |             |                |                |             |             |  |             |             |             |             |             | order         |                    |             |             |             |             |             |             |             |             |             |             |                        |                   |  |  |                    |
|        | 1       |          |             |                |                |             |             | $\overline{}$                                    |             |             |             |             |             | tial          |                    |             |             |             |             |             |             |             |             |             | 1           |                        |                   |  |  |                    |
|        |         |          |             |                |                |             |             |  |             |             |             |             | Re          | order         |                    |             |             |             |             |             |             |             |             |             | 1           |                        |                   |  |  |                    |
|        |         |          |             |                |                |             |             |  |             |             |             |             | Ini         | tial          |                    |             |             |             |             |             |             |             |             |             |             |                        |                   |  |  |                    |
| l      | 1       |          |             |                |                |             |             |  |             |             | 1           |             | Do          | ordor         |                    |             |             |             |             | 1           |             | 1 -         |             |             |             |                        |                   |  |  |                    |

| Exhibit P-40, Budget Item J  | ustification S  | heet  |  |                                 |   |   | Date:  | 2009  |
|--|---|---|--|---------------------------------|---|---|--|---|
| Appropriation / Budget Activity / Serial<br>Procurement of W&TCV, Army / 1 / Tra   | No:<br>acked combat vehicles  |   |  |                                 | P-1 Item Nomenclatur<br>Future Combat   | re<br>Systems: (FCS) (G86100)   | (Adv. Proc.)   |   |
| Program Elements for Code B Items:   |   | Code:   | Other Ro   | elated P                        | rogram Elements:  |   |  |   |
|  | Prior Years   |   | FY 2008  |                                 | FY 2009   | FY 2010   | To Complete  | Total Prog  |
| Proc Qty   |   |   |  |                                 |   |   |  |   |
| Gross Cost   |   |   |  |                                 |   |   | Continuing   | Continuing  |
| Less PY Adv Proc   |   |   |  |                                 |   |   |  |   |
| Plus CY Adv Proc   |   |   |  | 28.1                            | 26.1  |   |  | 54.2  |
| Net Proc P1  |   |   |  | 28.1                            | 26.1  |   |  | 54.2  |
| Initial Spares   |   |   |  |                                 |   |   |  |   |
| Total Proc Cost  |   |   |  | 28.1                            | 26.1  |   |  | 54.2  |
| Flyaway U/C  |   |   |  |                                 |   |   |  |   |
| Weapon System Proc U/C   |   |   |  |                                 |   |   |  |   |
| The NLOS-C is the Army's first fully autorganic to and provide networked, extendand destructive fires for tactical standoff in combat scenarios spanning the spectruperform the tasks which require four to five row direction, MGV portion (including the standard provided that the standard provided the standard provided the standard provided that the standard provided that the standard provided the standard provi | led-range (30kms)<br>engagement during<br>m of ground comb<br>ve soldiers on curr | , responsive<br>g both offens<br>oat. The NL<br>rent force sy | and sustained pr<br>sive and defensiv<br>OS-Cannon's ful<br>stems. | ecision<br>re opera<br>ly autor | attack of point and area tar<br>tions in concert with line-on<br>tated ammunition handlin | rgets in support of the<br>of-sight, beyond line-og<br>g system and real-time | FCS (BCT). The NLOS-C will of-sight and other NLOS externs the digital operating environment | provide close support<br>al and joint capabilities<br>enables two soldiers to |
| rer new direction, MOV portion (including  | ilg NLOS-C) of Po   | os program  | is restructuring, (  | iius INL                        | OS-C SFI Floculement w  | m not be awarded in F   | 109 and F110 funding has bee   | m deleted.  |
|  |   |   |  |                                 |   |   |  |   |
|  |   |   |  |                                 |   |   |  |   |
|  |   |   |  |                                 |   |   |  |   |
|  |   |   |  |                                 |   |   |  |   |
|  |   |   |  |                                 |   |   |  |   |
|  |   |   |  |                                 |   |   |  |   |
|  |   |   |  |                                 |   |   |  |   |
|  |   |   |  |                                 |   |   |  |   |

| Advance Procurement Requir   | ement      | s Anal               | ysis-Funding (P-10 | A) First System Award 2 Qtr F |        | irst Syste | em Completion Date:<br>3rd Qtr FY10                       | Date:<br>May 20 | 009   |
|--|------------|----------------------|--------------------|-------------------------------|--------|------------|---|-----------------|-------|
| Appropriation / Budget Activity / Serial No:<br>Procurement of W&TCV, Army / 1 / | Tracked co | ombat vehi           | cles               |                               | P-     | -1 Line I  | Item Nomenclature / Weapon S<br>Future Combat Systems: (F |                 |       |
|  |            |                      |                    |                               | (\$ in | Million    | s)  |                 |       |
|  | PLT (mos)  | When<br>Rqd<br>(mos) | Pr Yrs             | FY 08                         | FY 09  |            | FY 10   | To<br>Comp      | Total |
| End Item Quantity  |            |                      |                    |                               |        |            |   |                 |       |
| NLOS-C Special Interest  | 0          | 0                    |                    | 28.1                          |        | 26.1       |   |                 | 54.2  |
| Total Advance Procurement  |            |                      | 0.0                | 28.1                          |        | 26.1       | 0.0   | 0.0             | 54.2  |

Notes:

NLOS-C Special Interest

Advanced procurement estimate includes Structure - 2195 and 5059 Aluminum Plate, Cannon Tube Forgings, Suspension - HSU (rod arms) and track, Propulsion - Engines, generators and Traction Drive System, Breech Ring and Block Forgings, Turret Structure - structure materials for Cannon Mission Modules, Traverse Bearing Assembly, Titanium Hatch Forging, Traction Drive, LRM Processors - network processors, Integrated Computer System, Radios and Antennas, EOIR Sensors, and Autonomous Navigation System.

G86100 Item No. 6 Page 2 of 5 Exhibit P-10(A)
Future Combat Systems: (FCS) 32 Advance Procurement Requirements Analysis

| Advance Procurement Requirements Analysis-Funding (P-10B)   |              |                                      |  |                  | Date:<br>May 2009         |                       |
|---|--------------|--------------------------------------|--|------------------|---------------------------|-----------------------|
| Appropriation / Budget Activity / Serial No: Procurement of W&TCV, Army / 1 / Tracked combat vehicles |              | P-1 Line Item Nomencla<br>Future Com | ture / Weapon System:<br>bat Systems: (FCS) (Adv | . Proc)          |                           |                       |
|   |              |                                      |  | (\$ in Millions) |                           |                       |
|   |              |                                      |  |                  | 2010                      |                       |
|   | PLT<br>(mos) | Quantity<br>Per<br>Assembly          | Unit<br>Cost                                     | Qty              | Contract<br>Forecast Date | Total<br>Cost Request |
| Total Advance Procurement   |              |                                      |  |                  |                           |                       |
|   |              |                                      |  |                  |                           |                       |

| Advance Procurement Requ   | uirements Analysis-Fun        | ding (P-10C) |   |   |         | Date:<br>May 2009 |
|--|-------------------------------|--------------|---|---|---------|-------------------|
| Appropriation / Budget Activity / Serial No:<br>Procurement of W&TCV, Army / | / 1 / Tracked combat vehicles |              | P-1 Line Item Nomenclature /<br>Future Combat S | Weapon System:<br>ystems: (FCS) (Adv. Proc) |         |                   |
|  |                               |              | (\$ in Million                                  | is)   |         |                   |
|  | Pr Yrs                        | FY 08        | FY 09   | FY 10                                       | To Comp | Total             |
| Proposal w/o AP  |                               |              |   |   |         |                   |
| Then Year Cost   |                               |              | 136   |   |         | 136               |
| Constant Year Cost   |                               |              | 116   |   |         | 110               |
| Present Value  |                               |              | 114   |   |         | 114               |
| AP Proposal  |                               |              |   |   |         |                   |
| Then Year Cost   |                               | 28           | 134   |   |         | 162               |
| Constant Year Cost   |                               | 24           | 114   |   |         | 138               |
| Present Value  |                               | 24           | 112   |   |         | 130               |
| AP Savings (Difference)  |                               |              |   |   |         |                   |
| Then Year Cost   |                               | 28           | -2  |   |         | 20                |
| Constant Year Cost   |                               | 24           | -2  |   |         | 22                |
| Present Value  |                               | 24           | -2  |   |         | 22                |
|  |                               |              |   |   |         |                   |

| Advance Procurement Re   | equirements A | Analysis-    | Execution                    | (P-10D)                    |                          |                            |          |                                    |                            | Da                       | ate:<br>May 2              | 2009 |                              |
|--|---------------|--------------|------------------------------|----------------------------|--------------------------|----------------------------|----------|------------------------------------|----------------------------|--------------------------|----------------------------|------|------------------------------|
| Appropriation / Budget Activity / Serial No<br>Procurement of W&TCV, Art |               | bat vehicles |                              |                            |                          |                            |          | Weapon System:<br>estems: (FCS) (A |                            | _                        |                            |      |                              |
|  |               |              |                              |                            |                          |                            | (\$ in N | Iillions)                          |                            |                          |                            |      |                              |
|  |               |              |                              | 2008                       |                          |                            |          |                                    | 2009                       |                          |                            | 20   | 010                          |
|  | PLT (mos)     | Qty          | Contract<br>Forecast<br>Date | Actual<br>Contract<br>Date | Total<br>Cost<br>Request | Actual<br>Contract<br>Cost | Qty      | Contract<br>Forecast<br>Date       | Actual<br>Contract<br>Date | Total<br>Cost<br>Request | Actual<br>Contract<br>Cost | Qty  | Contract<br>Forecast<br>Date |
| End Item Quantity  |               |              |                              |                            |                          |                            | 6        |                                    |                            |                          |                            |      |                              |
| NLOS-C Special Interest  |               |              |                              | 21 Mar 08                  | 28.1                     | 28.1                       |          | Sep 09                             |                            | 26.1                     |                            |      |                              |
| Total Advance Procurement  |               |              |                              |                            | 28.1                     | 28.1                       |          |                                    |                            | 26.1                     |                            |      |                              |

| Exhibit P-40, Budget Item  | Justification S | heet  |              |                               |                        | Date:       | y 2009     |
|--|-----------------|-------|--------------|-------------------------------|------------------------|-------------|------------|
| Appropriation / Budget Activity / Series<br>Procurement of W&TCV, Army / 1 / |                 |       |              | P-1 Item Nomencle<br>FCS SPIN | ature<br>OUTS (G86200) | 1710        | , 2007     |
| Program Elements for Code B Items:   |                 | Code: | Other Relate | ed Program Elements:          |                        |             |            |
|  | Prior Years     |       | FY 2008      | FY 2009                       | FY 2010                | To Complete | Total Prog |
| Proc Qty   |                 |       |              |                               | 1                      | 31          | 32         |
| Gross Cost   |                 |       | 1.4          | 25.5                          | 329.0                  | Continuing  | Continuing |
| Less PY Adv Proc   |                 |       |              | 1.4                           | 43.1                   | Continuing  | Continuing |
| Plus CY Adv Proc   |                 |       |              | 43.1                          | 42.0                   | Continuing  | Continuing |
| Net Proc P1  |                 |       | 1.4          | 67.3                          | 327.9                  | Continuing  | Continuing |
| Initial Spares   |                 |       |              |                               |                        | Continuing  | Continuing |
| Total Proc Cost  |                 |       | 1.4          | 67.3                          | 327.9                  | Continuing  | Continuing |
| Flyaway U/C  |                 |       |              |                               |                        |             |            |
| Weapon System Proc U/C   |                 |       |              |                               | 327.9                  | Continuing  | Continuing |

The FCS Spin Out program is the Army's plan to accelerate the delivery of mature FCS technologies and capabilities to the current force. By accelerating these FCS capabilities; it will improve capability to the current force.

To satisfy the Army's urgent capability requirement and to keep up the pace of technology, the FCS Spin Out program is the Army's plan to incorporate these mature FCS BCT capabilities within the current force, thus avoiding duplication of development and reduce procurement and sustainment cost across the Army's total fighting force. The Army transformation is grounded in the operational framework of joint doctrine and the concepts for future joint and combined operations. Modernizing the Army is the Army's number one priority. The FCS BCT components are being designed with the warfighter, and with the insertion of selected FCS BCT capabilities into the current force (IBCT), will insure a more complete joint fighting force.

## Justification:

FY10 procures the Future Combat System equipment to effectively equip the first IBCT to be fielded in FY11. It consists of "A and B Kits" and their associated support equipment for both HMMWVs and the NLOS-LS Systems, along with the brigade's complete compliment of Non-Line of Site-Launch Systems, Urban and Tactical Unattended Ground Sensors, Unmanned Air Vehicle systems, and the Small Unmanned Ground Vehicles. It also provides for the training and support personnel, facilities and equipment to complete the New Equipment Training (NET) and fielding.

Per new direction, MGV portion of FCS program is restructured and the refocusing of the FCS program to spin out FCS technologies faster to the IBCT.

| Exhibit P-5, Weapon WTCV Cost Analysis   | Appropriation/Budget Activity/Serial No:<br>Procurement of W&TCV, Army / 1 / Track<br>vehicles | ed com |            | Line Item No<br>SPIN OUT | omenclature:<br>S (G86200) |            |       | Weapon Syste | em Type:   | Date: | May 2009  |
|--|--|--------|------------|--------------------------|----------------------------|------------|-------|--------------|------------|-------|-----------|
| WTCV                                     |  | ID     | <b>,</b>   | FY 08                    |                            |            | FY 09 | 1            |            | FY 10 |           |
| Cost Elemen                              | ts   | CD     | Total Cost | Qty                      | Unit Cost                  | Total Cost | Qty   | Unit Cost    | Total Cost | Qty   | Unit Cost |
|  |  |        | \$000      | Each                     | \$000                      | \$000      | Each  | \$000        | \$000      | Each  | \$000     |
| Spin Out Program                         |  |        |            |                          |                            |            |       |              |            |       |           |
| Non recurring Production                 |  |        |            |                          |                            | 20425      |       |              | 7477       | ,     |           |
| Recurring Production Costs               |  |        |            |                          |                            |            |       |              |            |       |           |
| ICS-B kits                               |  |        |            |                          |                            |            |       |              | 30832      | 85    | 363       |
| Antenna- B-Kits                          |  |        |            |                          |                            |            |       |              | 35514      | 85    | 418       |
| SUGV (Block 1) Accel Prgm - B -Kits      |  |        |            |                          |                            |            |       |              | 6762       | 49    | 138       |
| U-UGS-B-Kits                             |  |        |            |                          |                            |            |       |              | 1803       | 40    | 45        |
| T-UGS - B-kits                           |  |        |            |                          |                            |            |       |              | 10099      | 23    | 439       |
| UAV Class I (Block 0) Acc. Prgrm- B-kits |  |        |            |                          |                            |            |       |              | 14068      | 33    | 420       |
| Additional Hardware-B Kits               |  |        |            |                          |                            |            |       |              | 3003       |       |           |
| NLOS-LS- B-Kits                          |  |        |            |                          |                            | 250        |       |              | 85746      | 12    | 7146      |
| HMMWV- A-kits                            |  |        |            |                          |                            |            |       |              | 2886       | 89    | 32        |
| Recurring Production Support Costs       |  |        |            |                          |                            |            |       |              |            |       |           |
| Production Support                       |  |        |            |                          |                            | 4824       |       |              | 80481      |       |           |
| Fielding Support                         |  |        |            |                          |                            |            |       |              | 50388      |       |           |
| Less PY Adv Proc - Reqmnt                |  |        |            |                          |                            | -1370      |       |              | -43139     |       |           |
| Plus CY Adv Proc - Reqmnt                |  |        | 13         | 70                       |                            | 43139      |       |              | 42001      |       |           |
| Total:                                   |  |        | 13         | 70                       |                            | 67268      |       |              | 327921     |       |           |

| Exhibit P-5a, Budget Procurement Hi   | story and Planning      |                                |                               |            |                           |             |                    | ate:<br>Iay 2009       | )                      |                      |
|---|-------------------------|--------------------------------|-------------------------------|------------|---------------------------|-------------|--------------------|------------------------|------------------------|----------------------|
| Appropriation/Budget Activity/Serial No: Procurement of W&TCV, Army/ 1/ Tracked combat vehicles | Weapon System Type:     | P-1 Line Item<br>FCS SPIN OU   | Nomenclature:<br>JTS (G86200) |            |                           |             |                    |                        |                        | _                    |
| WBS Cost Elements:  | Contractor and Location | Contract<br>Method and<br>Type | Location of PCO               | Award Date | Date of First<br>Delivery | QTY<br>Each | Unit Cost<br>\$000 | Specs<br>Avail<br>Now? | Date<br>Revsn<br>Avail | RFP<br>Issue<br>Date |
| ICS-B kits  |                         |                                |                               |            |                           |             |                    |                        |                        |                      |
| FY 2009   |                         | SSFP                           | TACOM, Warren, MI             | Jun 09     | Apr 10                    |             |                    | N                      |                        | Oct-0                |
| FY 2010   |                         | SSFP                           | TACOM, Warren, MI             | Jan 10     | Mar 11                    | 85          | 363                | N                      |                        | Mar-0                |
| Antenna- B-Kits   |                         |                                |                               |            |                           |             |                    |                        |                        |                      |
| FY 2009   |                         | SSFP                           | TACOM, Warren, MI             | Jun 09     | Apr 10                    |             |                    | N                      |                        | Oct-0                |
| FY 2010   |                         | SSFP                           | TACOM, Warren, MI             | Jan 10     | Mar 11                    | 85          | 418                | N                      |                        | Mar-0                |
| SUGV (Block 1) Accel Prgm - B -Kits   |                         |                                |                               |            |                           |             |                    |                        |                        |                      |
| FY 2009   |                         | SSFP                           | TACOM, Warren, MI             | Jun 09     | Apr 10                    |             |                    | N                      |                        | Oct-0                |
| FY 2010   |                         | SSFP                           | TACOM, Warren, MI             | Jan 10     | Mar 11                    | 49          | 138                | N                      |                        | Mar-0                |
| U-UGS-B-Kits  |                         |                                |                               |            |                           |             |                    |                        |                        |                      |
| FY 2009   |                         | SSFP                           | TACOM, Warren, MI             | Jun 09     | Apr 10                    |             |                    | N                      |                        | Oct-0                |
| FY 2010   |                         | SSFP                           | TACOM, Warren, MI             | Jan 10     | Mar 11                    | 40          | 45                 | N                      |                        | Mar-0                |
| T-UGS - B-kits  |                         |                                |                               |            |                           |             |                    |                        |                        |                      |
| FY 2009   |                         | SSFP                           | TACOM, Warren, MI             | Jun 09     | Apr 10                    |             |                    | N                      |                        | Oct-0                |
| FY 2010   |                         | SSFP                           | TACOM, Warren, MI             | Jan 10     | Mar 11                    | 23          | 439                | N                      |                        | Mar-0                |
| UAV Class I (Block 0) Acc. Prgrm- B-kits  |                         |                                |                               |            |                           |             |                    |                        |                        |                      |
| FY 2009   |                         | SSFP                           | TACOM, Warren, MI             | Jun 09     | Apr 10                    |             |                    | N                      |                        | Oct-0                |
| FY 2010   |                         | SSFP                           | TACOM, Warren, MI             | Jan 10     | Mar 11                    | 33          | 426                | N                      |                        | Mar-0                |
| NLOS-LS- B-Kits   |                         |                                |                               |            |                           |             |                    |                        |                        |                      |
| FY 2009   |                         | SSFP                           | TACOM, Warren, MI             | Jun 09     | Apr 10                    |             |                    | N                      |                        | Oct-0                |
| FY 2010   |                         | SSFP                           | TACOM, Warren, MI             | Jan 10     | Mar 11                    | 12          | 7146               | N                      |                        | Mar-                 |

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Exhibit P-5a Budget Procurement History and Planning

| Exhibit P-5a, Budget Procurement  | <b>History and Planning</b> |                                |                 |            |                           |             |                    | Date:<br>May 2009      | ) |                      |
|---|-----------------------------|--------------------------------|-----------------|------------|---------------------------|-------------|--------------------|------------------------|---|----------------------|
| Appropriation/Budget Activity/Serial No: Procurement of W&TCV, Army/ 1/ Tracked combat vehicles | Weapon System Type:         | P-1 Line Item I<br>FCS SPIN OU |                 |            |                           |             |                    |                        |   |                      |
| WBS Cost Elements:  | Contractor and Location     | Contract<br>Method and<br>Type | Location of PCO | Award Date | Date of First<br>Delivery | QTY<br>Each | Unit Cost<br>\$000 | Specs<br>Avail<br>Now? |   | RFP<br>Issue<br>Date |
|   |                             |                                |                 |            |                           |             |                    |                        |   |                      |
| REMARKS: SUBCONTRACTORS Associated with the FCS(BCT   | 「)Core Capabilities:        |                                |                 |            |                           |             |                    |                        |   |                      |

ICS: General Dynamics - Automated Information Systems - Bloomington, MN

Antenna: BAE Systems - Wayne, NJ UGS-T/U: iRobot Corporation - Burlington, MA

|         |           | FY 09          | / 10 BU     | J <b>DGE</b>   | ΓPR         | ODUC        | CTIO        | N SC        | HEDU        | JLE         |             |             |         | M NOME<br>IN OUTS |             |             |             |             |             |             |             | Dat         | te:         | May 20      | 009                    |                     |             |                     |            |
|---------|-----------|----------------|-------------|----------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|---------|-------------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|------------------------|---------------------|-------------|---------------------|------------|
|         | COS       | Γ ELEN         | IENTS       | }              |             |             |             |             |             | Fiscal      | Year 0      | )9          | I.      |                   |             |             |             |             |             |             |             | Fiscal Y    | ear 10      | )           |                        |                     |             |                     |            |
|         | S         | PROC           | ACCEP       | BAL            |             |             |             |             |             |             |             |             | Calends | ar Year (         | 19          |             |             |             |             |             |             |             | Caler       | ıdar Yea    | ar 10                  |                     |             |                     |            |
| M       | E         | QTY            | PRIOR       | DUE            |             | _           | 1           |             | I           |             |             | 1           |         |                   |             | 1           |             | 1           |             |             |             |             |             |             |                        |                     |             |                     |            |
| F F     | Y         |                | TO<br>1 OCT | AS OF<br>1 OCT | O<br>C<br>T | N<br>O<br>V | D<br>E<br>C | J<br>A<br>N | F<br>E<br>B | M<br>A<br>R | A<br>P<br>R | N<br>A<br>Y | U       | U<br>L            | A<br>U<br>G | S<br>E<br>P | O<br>C<br>T | N<br>O<br>V | D<br>E<br>C | J<br>A<br>N | F<br>E<br>B | M<br>A<br>R | A<br>P<br>R | M<br>A<br>Y | J<br>U<br>N            | J<br>U<br>L         | A<br>U<br>G | S<br>E<br>P         | Later      |
| ICS-B k | its       |                |             |                |             |             |             |             |             |             |             |             |         |                   |             |             |             |             |             |             |             |             |             |             |                        |                     |             |                     |            |
| 1 FY    | 10 A      | 85             | 0           | 85             |             |             |             |             |             |             |             |             |         |                   |             |             |             |             |             | A           |             |             |             |             |                        |                     |             |                     | 85         |
| Antenna | - B-Kits  |                |             |                |             |             |             |             |             |             |             |             |         |                   |             |             |             |             |             |             |             |             |             |             |                        |                     |             |                     |            |
| 1 FY    | 10 A      | 85             | 0           | 85             |             |             |             |             |             |             |             |             |         |                   |             |             |             |             |             | A           |             |             |             |             |                        |                     |             |                     | 85         |
| SUGV (  | Block 1)  | Accel Prgn     | n - B -Kits | s              |             |             |             |             |             |             |             |             |         |                   |             |             |             |             |             |             |             |             |             |             |                        |                     |             |                     |            |
| 1 FY    | 10 A      | 49             | 0           | 49             |             |             |             |             |             |             |             |             |         |                   |             |             |             |             |             | A           |             |             |             |             |                        |                     |             |                     | 49         |
| U-UGS   | B-Kits    |                |             |                |             |             |             |             |             |             |             |             |         |                   |             |             |             |             |             |             |             |             |             |             |                        |                     |             |                     |            |
| 1 FY    | 10 A      | 40             | 0           | 40             |             |             |             |             |             |             |             |             |         |                   |             |             |             |             |             | A           |             |             |             |             |                        |                     |             |                     | 40         |
| T-UGS   | - B-kits  |                |             |                |             |             | •           |             |             |             |             |             |         |                   |             |             |             |             |             |             |             |             |             |             |                        |                     |             |                     |            |
| 1 FY    |           | 23             |             |                |             |             |             |             |             |             |             |             |         |                   |             |             |             |             |             | A           |             |             |             |             |                        |                     |             |                     | 23         |
| UAV C   | ass I (Bl | ock 0) Acc.    | Prgrm- B    | -kits          |             |             |             |             |             |             |             |             |         |                   |             |             |             |             |             |             |             |             |             |             |                        |                     |             |                     |            |
| 1 FY    | 10 A      | 33             | 0           | 33             |             |             |             |             |             |             |             |             |         |                   |             |             |             |             |             | A           |             |             |             |             |                        |                     |             |                     | 33         |
| NLOS-I  | S- B-Ki   | ts             |             |                |             |             |             |             |             |             |             |             |         |                   |             |             |             |             |             |             |             |             |             |             |                        |                     |             |                     |            |
| 1 FY    | 10 A      | 12             | 0           | 12             |             |             |             |             |             |             |             |             |         |                   |             |             |             |             |             | A           |             |             |             |             |                        |                     |             |                     | 12         |
|         |           |                |             |                |             |             |             |             |             |             |             |             |         |                   |             |             |             |             |             |             |             |             |             |             |                        |                     |             |                     |            |
| Total   |           |                |             | 327            |             |             |             |             |             |             |             |             |         |                   |             |             |             |             |             |             |             |             |             |             |                        |                     |             |                     | 327        |
|         |           |                |             |                | O<br>C<br>T | N<br>O<br>V | D<br>E<br>C | J<br>A<br>N | F<br>E<br>B | M<br>A<br>R | A<br>P<br>R | N<br>A<br>Y | U       | J<br>U<br>L       | A<br>U<br>G | S<br>E<br>P | O<br>C<br>T | N<br>O<br>V | D<br>E<br>C | J<br>A<br>N | F<br>E<br>B | M<br>A<br>R | A<br>P<br>R | M<br>A<br>Y | J<br>U<br>N            | J<br>U<br>L         | A<br>U<br>G | S<br>E<br>P         |            |
|         |           |                |             |                |             |             |             |             |             |             |             |             |         |                   |             |             |             |             |             |             |             |             |             |             |                        |                     |             |                     |            |
| M       |           |                |             |                |             | ]           | PRODU       | JCTION :    | RATES       |             |             |             |         |                   | Α           | DMIN L      | EAD T       | TME         |             | MFR         |             | TOTA        | AL          | REMA        |                        |                     |             |                     |            |
| F       |           |                |             |                |             |             |             |             |             | Read        | ched N      | MFR         |         |                   | Pri         | or 1 Oct    | Afte        | r 1 Oct     | Aft         | ter 1 Oct   |             | After 1     | Oct         | vehicle     | 1 G86200<br>, it is bu | ving cor            | nponents    | to incl             | ide on     |
| R       |           | Nam            | ne - Locati | ion            |             | N           | MIN         | 1-8-5       | MAX         | D           | +           | 1           | Initial |                   |             | 0           |             | 9           |             | 9           |             | 18          |             | other v     | ehicles.               | G86200              | is for the  | Spin C              | Out group. |
| 1 Bo    | eing Co.  | , St. Louis, I | MO          |                |             |             | 1           | 4           | 6           |             |             |             | Reorder |                   |             | 0           |             | 0           |             | 0           |             | 0           |             | of the l    | COO9 pr<br>FCS Spir    | ogram p<br>ı Out A- | kits, B-k   | ne requ<br>its (ICS | ired sets  |
|         |           |                |             |                |             |             |             |             |             |             |             | Ŀ           | Initial |                   |             |             |             |             |             |             |             |             |             | Comm        | on Hardy               | vare, NI            | LOS,UG      | S) and i            | ntegration |
|         |           |                |             |                |             |             |             |             |             |             |             |             | Reorder |                   |             |             |             |             |             |             |             |             |             |             | B-kits for<br>utilized |                     |             |                     |            |
|         |           |                |             |                |             |             |             |             |             |             |             |             | Initial |                   |             |             |             |             |             |             |             |             |             |             | g in FY20              |                     |             |                     |            |
|         |           |                |             |                |             |             |             |             |             |             |             |             | Reorder |                   | $\perp$     |             | 1           |             |             |             |             |             |             |             | m procur<br>ort the s  |                     |             |                     |            |
|         |           |                |             |                |             |             |             |             |             |             |             |             | Initial |                   | $\perp$     |             | 1           |             |             |             |             |             |             | current     | ly plann               | ed in the           | FY2010      | ) progra            | m, as well |
|         |           |                |             |                |             |             |             |             |             |             |             |             | Reorder |                   | $\perp$     |             | 1           |             |             |             |             |             |             |             | al faciliti<br>System  |                     |             |                     |            |
|         |           |                |             |                |             |             |             |             |             | 1           |             |             | Initial |                   |             |             | 1           |             |             |             |             |             |             |             | S AND A                |                     |             |                     |            |
|         |           |                |             |                |             |             |             |             |             |             |             |             | Reorder |                   |             |             |             |             |             |             |             |             |             |             |                        |                     |             |                     |            |

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|                    |           | FY 11 /        | / 12 BU        | J <b>DGE</b> | ΓPR         | ODUC        | CTIO        | N SCI       | HEDU        | JLE         |             |             | P-1 ITEN<br>FCS SPII |             |             |             |             |             |             |             |             | Dat         | te:         | May 20      | 009         |             |             |             |       |
|--------------------|-----------|----------------|----------------|--------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|----------------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------|
| (                  | COST      | Γ ELEM         | IENTS          | ;            |             |             |             |             |             | Fiscal '    | Year 1      | 1           |                      |             |             |             |             |             |             |             | ]           | Fiscal Y    | Year 12     | 2           |             |             |             |             |       |
| M                  | S<br>E    |                | ACCEP<br>PRIOR |              |             |             |             |             |             |             |             |             | Calenda              | r Year 1    | 1           |             |             |             |             |             |             |             | Calen       | ndar Yea    | ar 12       |             |             |             |       |
| F FY               | R<br>V    | Each           | TO<br>1 OCT    | AS OF        | O<br>C<br>T | N<br>O<br>V | D<br>E<br>C | J<br>A<br>N | F<br>E<br>B | M<br>A<br>R | A<br>P<br>R | M<br>A<br>Y | U                    | J<br>U<br>L | A<br>U<br>G | S<br>E<br>P | O<br>C<br>T | N<br>O<br>V | D<br>E<br>C | J<br>A<br>N | F<br>E<br>B | M<br>A<br>R | A<br>P<br>R | M<br>A<br>Y | J<br>U<br>N | J<br>U<br>L | A<br>U<br>G | S<br>E<br>P | Later |
| ICS-B kit          |           |                |                |              | 1           |             |             | IN          | Б           | - К         | K           |             | IN                   | L           | - G         | r           |             |             |             | IN          | Б           | K           | K           | 1           | IN          | L           | u           | r           |       |
| 1 FY 10            |           | 85             | 0              | 85           |             | T           | Г           |             |             | 7           | 7           | 7           | 7 7                  | 7           | 7           | 7           | 7           | 7           | 7           | 7           | 8           |             |             |             |             |             |             |             | 0     |
| Antenna-           |           |                |                |              | <u> </u>    | <u>, l</u>  | <u> </u>    |             |             |             |             |             |                      |             |             |             |             |             |             | 1           |             |             |             | <u> </u>    |             | <u> </u>    |             |             |       |
| 1 FY 10            |           | 85             | 0              | 85           |             | 1           |             |             |             | 7           | 7           | 7           | 7 7                  | 7           | 7           | 7           | 7           | 7           | 7           | 7           | 8           |             |             |             |             |             |             |             | 0     |
|                    |           | Accel Prgn     | n - B -Kits    | S S          | <u> </u>    |             | <u> </u>    |             |             |             |             |             |                      |             |             |             |             |             |             |             |             |             | <u>I</u>    | <u> </u>    |             | <u> </u>    |             |             |       |
| 1 FY 10            |           | 49             |                | _            |             |             |             |             |             | 4           | 4           | 4           | 4 4                  | 4           | 4           | 4           | 4           | 4           | 4           | 4           | 5           | '           |             | ·           | ·           |             |             | '           | 0     |
| U-UGS-B            | -Kits     |                |                | .1           |             |             |             |             |             |             |             |             |                      |             |             |             |             |             |             |             |             |             |             |             |             |             |             |             |       |
| 1 FY 10            | ) A       | 40             | 0              | 40           |             |             |             |             |             | 4           | 4           | 4           | 5 5                  | 5           | 5           | 5           | 5           | 2           |             |             |             | [           |             |             | 1           | 1           |             |             | 0     |
| T-UGS -            | B-kits    |                |                |              |             |             |             |             |             |             |             |             |                      |             |             |             |             |             |             |             |             |             |             |             |             |             |             |             |       |
| 1 FY 10            | ) A       | 23             | 0              | 23           |             |             |             |             |             | 2           | 2           | 2           | 2 2                  | 2           | 2           | 2           | 2           | 2           | 2           | 2           | 1           |             |             |             |             |             |             |             | 0     |
| UAV Cla            | ss I (Blo | ock 0) Acc.    | Prgrm- B       | -kits        |             |             |             |             |             |             |             |             |                      |             |             |             |             |             |             |             |             |             |             |             |             |             |             |             |       |
| 1 FY 10<br>NLOS-LS | A         | 33             | 0              | 33           |             |             |             |             |             | 2           | 2           | 2           | 2 3                  | 3           | 3           | 3           | 3           | 3           | 3           | 3           | 3           |             |             |             |             |             |             |             | 0     |
| NLOS-LS            | - B-Kit   | is             |                |              |             |             |             |             |             |             |             |             |                      |             |             |             |             |             |             |             |             |             | •           |             |             |             |             |             |       |
| 1 FY 10            | ) A       | 12             | 0              | 12           |             |             |             |             |             | 1           | 1           | 1           | 1 1                  | 1           | 1           | 1           | 1           | 1           | 1           | 1           | 1           |             |             | 1           | ļ           |             |             | 1           | 0     |
|                    |           |                |                |              |             |             |             |             |             | i           |             |             |                      |             |             |             |             |             |             |             |             |             |             |             |             |             |             |             |       |
| Total              |           |                |                | 327          |             |             |             |             |             | 27          | 27          | 28          | 3 29                 | 29          | 29          | 29          | 29          | 26          | 24          | 24          | 26          |             |             |             |             |             |             |             |       |
|                    |           |                |                |              | O<br>C<br>T | N<br>O<br>V | D<br>E<br>C | J<br>A<br>N | F<br>E<br>B | M<br>A<br>R | A<br>P<br>R | M<br>A<br>Y | U                    | J<br>U<br>L | A<br>U<br>G | S<br>E<br>P | O<br>C<br>T | N<br>O<br>V | D<br>E<br>C | J<br>A<br>N | F<br>E<br>B | M<br>A<br>R | A<br>P<br>R | M<br>A<br>Y | J<br>U<br>N | J<br>U<br>L | A<br>U<br>G | S<br>E<br>P |       |
|                    |           |                |                |              |             |             |             |             |             |             |             |             |                      |             |             |             |             |             |             |             |             |             |             |             |             |             |             |             |       |
| M                  |           |                |                |              |             | J           | PRODU       | JCTION I    | RATES       |             |             |             |                      |             | A           | DMIN L      | EAD T       | IME         | J           | MFR         |             | TOTA        | AL          | REMA        | RKS         |             |             |             |       |
| F                  |           |                |                |              |             |             |             |             |             | Reac        | ched M      | 1FR         |                      |             | Pric        | or 1 Oct    | After       | r 1 Oct     | Aft         | ter 1 Oct   |             | After 1     | Oct         |             |             |             |             |             |       |
| R                  |           | Nan            | ne - Locati    | ion          |             | N           | MIN         | 1-8-5       | MAX         | Z D-        | +           | 1 I         | Initial              |             |             | 0           |             | 9           |             | 9           |             | 18          |             |             |             |             |             |             |       |
| 1 Boei             | ng Co.,   | , St. Louis, N | MO             |              |             |             | 1           | 4           | 6           |             |             | F           | Reorder              |             |             | 0           |             | 0           |             | 0           |             | 0           |             |             |             |             |             |             |       |
|                    |           |                |                |              |             |             |             |             |             |             |             | I           | Initial              |             |             |             |             |             |             |             |             |             |             |             |             |             |             |             |       |
|                    |           |                |                |              |             |             |             |             |             |             |             | F           | Reorder              |             |             |             |             |             |             |             |             |             |             |             |             |             |             |             |       |
|                    |           |                |                |              |             |             |             |             |             |             |             | I           | Initial              |             |             |             |             |             |             |             |             |             |             |             |             |             |             |             |       |
|                    |           |                |                |              |             |             |             |             |             |             |             | F           | Reorder              |             |             |             |             |             |             |             |             |             |             |             |             |             |             |             |       |
|                    |           |                |                |              |             |             |             |             |             |             |             | I           | Initial              |             |             |             |             |             |             |             |             |             |             |             |             |             |             |             |       |
|                    |           |                |                |              |             |             |             |             | <u> </u>    | $\perp$     |             | F           | Reorder              |             |             |             |             |             |             |             |             |             |             |             |             |             |             |             |       |
|                    |           |                |                |              |             |             |             |             | <u> </u>    | $\perp$     |             | I           | Initial              |             | $\perp$     |             |             |             | <u> </u>    |             |             |             |             |             |             |             |             |             |       |
|                    |           |                |                |              |             |             |             |             |             |             |             | F           | Reorder              |             | 1           |             |             |             |             |             |             |             |             |             |             |             |             |             |       |

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Exhibit P-21 Production Schedule

| Exhibit P-40, Budget Item .   | Justification S | heet  |           |          |                                  |                                   | Date:       | y 2009     |
|---|-----------------|-------|-----------|----------|----------------------------------|-----------------------------------|-------------|------------|
| Appropriation / Budget Activity / Seria<br>Procurement of W&TCV, Army / 1 / 7 |                 |       |           |          | P-1 Item Nomenclat<br>FCS SPIN O | ture<br>OUTS (G86200) (Adv. Proc) |             |            |
| Program Elements for Code B Items:  |                 | Code: | Other Rel | ated Pro | ogram Elements:                  |                                   |             |            |
|   | Prior Years     |       | FY 2008   |          | FY 2009                          | FY 2010                           | To Complete | Total Prog |
| Proc Qty  |                 |       |           |          |                                  |                                   |             |            |
| Gross Cost  |                 |       |           |          |                                  |                                   | Continuing  | Continuing |
| Less PY Adv Proc  |                 |       |           |          |                                  |                                   |             |            |
| Plus CY Adv Proc  |                 |       |           | 1.4      | 43.1                             | 42.0                              | Continuing  | Continuing |
| Net Proc P1   |                 |       |           | 1.4      | 43.1                             | 42.0                              | Continuing  | Continuing |
| Initial Spares  |                 |       |           |          |                                  |                                   |             |            |
| Total Proc Cost   |                 |       |           | 1.4      | 43.1                             | 42.0                              | Continuing  | Continuing |
| Flyaway U/C   |                 |       |           |          |                                  |                                   |             |            |
| Weapon System Proc U/C  |                 |       |           |          |                                  |                                   | Continuing  | Continuing |

The FCS Spin Out program is the Army's plan to accelerate the delivery of mature FCS technologies and capabilities to the current force. By accelerating these FCS capabilities; it will improve capability to the current force.

To satisfy the Army's urgent capability requirement and to keep up the pace of technology, the FCS Spin Out program is the Army's plan to incorporate these mature FCS BCT capabilities within the current force, thus avoiding duplication of development and reduce procurement and sustainment cost across the Army's total fighting force. The Army transformation is grounded in the operational framework of joint doctrine and the concepts for future joint and combined operations. Modernizing the Army is the Army's number one priority. The FCS BCT components are being designed with the warfighter, and with the insertion of selected FCS BCT capabilities into the current force (IBCT), will insure a more complete joint fighting force.

## Justification:

FY10 procures long lead items for FCS Spin Out B-kits (ICS, Common Hardware, NLOS-LS, and UGS).

Per new direction, MGV portion of FCS program is restructured and the refocusing of the FCS program to spin out FCS technologies faster to the IBCT.

| Advance Procurement Requirements  | s Analysis-Funding (P-10A) | First System Award Date:<br>2 Qtr FY09 | First System Completion Date:<br>3 Qtr FY10                              | Date:<br>May 2009 |
|---|----------------------------|--|--|-------------------|
| Appropriation / Budget Activity / Serial No:<br>Procurement of W&TCV, Army / 1 / Tracked co | embat vehicles             |  | P-1 Line Item Nomenclature / Weapon System:<br>FCS SPIN OUTS (Adv. Proc) |                   |
|   |                            | (\$                                    | in Millions)   |                   |

|   |              |                      |        |       | (\$ in Million | is)   |            |       |
|---|--------------|----------------------|--------|-------|----------------|-------|------------|-------|
|   | PLT<br>(mos) | When<br>Rqd<br>(mos) | Pr Yrs | FY 08 | FY 09          | FY 10 | To<br>Comp | Total |
| End Item Quantity                               |              |                      |        |       |                |       |            |       |
| Spin Out IBCT Early                             | 0            | 0                    |        |       |                |       |            |       |
| Non-Line of Sight Launch System (NLOS-LS)       | 26           | 0                    |        | 0.3   | 22.0           | 21.5  |            | 43.8  |
| LSI SEPM  | 0            | 0                    |        | 1.1   |                |       |            | 1.1   |
| ICS and GPCS                                    | 19           | 0                    |        |       | 12.0           | 18.5  |            | 30.5  |
| Unmanned Ground Sensor (T & U-UGS)              | 16           | 0                    |        |       | 1.6            | 2.0   |            | 3.6   |
| Small Unmanned Ground Vehicle (SUGV)<br>Block 1 | 16           | 0                    |        |       | 1.0            |       |            | 1.0   |
| Class I Unmanned Aerial Vehicle Block 0         | 16           | 0                    |        |       | 6.5            |       |            | 6.5   |
| Total Advance Procurement                       |              |                      | 0.0    | 1.4   | 43.1           | 42.0  | 0.0        | 86.5  |

# Notes:

Spin Out IBCT Early

NLOS-LS estimate includes Semi Active Laser (SAC) receiver, camera core, battery, network radio (SCRS) assembly, rocket motor, and warhead.

Integrated Computer System (ICS) estimate includes computer LNP sub-assembly, input/output (I/O) card, and power supply cards.

Unmanned Ground Sensor (T & U-UGS) estimate includes Electric Optical/Infrared (EO/IR) head assembly, radio, circuits, transistors, connectors, thermal eye, and sensors.

Ground Platform Communications Systems (GPCS) estimate includes Connectors - Multiband Filter (MBF), and test equipment components for payload testing.

Small Unmanned Ground Vehicle (SUGV) Block 1 estimate includes sensor head, and integrated radio.

Class I UAV Block 0 estimate includes IMU, radios, gimbals, data terminals, ground control station, and pod hardware.

| Advance Procurement Requirements Analysis-Funding (   | P-10B)    |                                      |   |              | Date:<br>May 2009         |                       |  |  |  |  |  |
|---|-----------|--------------------------------------|---|--------------|---------------------------|-----------------------|--|--|--|--|--|
| Appropriation / Budget Activity / Serial No: Procurement of W&TCV, Army / 1 / Tracked combat vehicles |           | P-1 Line Item Nomencla<br>FCS SPIN ( | ture / Weapon System:<br>OUTS (Adv. Proc) |              |                           |                       |  |  |  |  |  |
|   |           |                                      | (\$                                       | in Millions) |                           |                       |  |  |  |  |  |
|   |           |                                      |   |              | 2010                      |                       |  |  |  |  |  |
|   | PLT (mos) | Quantity<br>Per<br>Assembly          | Unit<br>Cost                              | Qty          | Contract<br>Forecast Date | Total<br>Cost Request |  |  |  |  |  |
| Non-Line of Sight Launch System (NLOS-LS)   | 26        |                                      |   | 12.0         | 2Q FY10                   | 21.                   |  |  |  |  |  |
| ICS and GPCS  | 19        | ,                                    |   | 85.0         | 2Q FY10                   | 18.                   |  |  |  |  |  |
| Unmanned Ground Sensor (T & U-UGS)  | 16        |                                      |   | 40.0         | 2Q FY10                   | 2.                    |  |  |  |  |  |
| Total Advance Procurement   |           |                                      |   |              |                           | 42                    |  |  |  |  |  |

| Advance Procurement Requ   | uirements Analysis-Fun        | ding (P-10C) |  |                               | Date    | e:<br>May 2009 |
|--|-------------------------------|--------------|--|-------------------------------|---------|----------------|
| Appropriation / Budget Activity / Serial No:<br>Procurement of W&TCV, Army | / 1 / Tracked combat vehicles |              | P-1 Line Item Nomenclature / FCS SPIN OUTS | Weapon System:<br>(Adv. Proc) |         |                |
|  |                               |              | (\$ in Million                             | is)                           |         |                |
|  | Pr Yrs                        | FY 08        | FY 09                                      | FY 10                         | To Comp | Total          |
| Proposal w/o AP  |                               |              |  |                               |         |                |
| Then Year Cost   |                               |              |  | 191                           |         | 191            |
| Constant Year Cost   |                               |              |  | 160                           |         | 160            |
| Present Value  |                               |              |  | 149                           |         | 149            |
| AP Proposal  |                               |              |  |                               |         |                |
| Then Year Cost   |                               | 1            | 42   | 189                           |         | 232            |
| Constant Year Cost   |                               | 1            | 35   | 158                           |         | 194            |
| Present Value  |                               | 1            | 34   | 148                           |         | 183            |
| AP Savings (Difference)  |                               |              |  |                               |         |                |
| Then Year Cost   |                               | 1            | 42   | -2                            |         | 41             |
| Constant Year Cost   |                               | 1            | 35   | -2                            |         | 34             |
| Present Value  |                               | 1            | 34   | -1                            |         | 34             |
| _  |                               |              |  |                               |         |                |

| Advance Procurement Require  | ements A     | Analysis     | -Execution                   | ( <b>P-10D</b> )           |                          |                            |                  |                               |                            | Da                       | May 2                      | 2009 |                              |
|--|--------------|--------------|------------------------------|----------------------------|--------------------------|----------------------------|------------------|-------------------------------|----------------------------|--------------------------|----------------------------|------|------------------------------|
| Appropriation / Budget Activity / Serial No:<br>Procurement of W&TCV, Army / 1 / 7 | Tracked comb | oat vehicles |                              |                            |                          |                            | Nomenclature / V | Weapon System:<br>(Adv. Proc) |                            |                          |                            |      |                              |
|  |              |              |                              |                            |                          |                            | (\$ in M         | Iillions)                     |                            |                          |                            |      |                              |
|  |              |              |                              | 2008                       |                          |                            |                  |                               | 2009                       |                          |                            | 20   | 10                           |
|  | PLT (mos)    | Qty          | Contract<br>Forecast<br>Date | Actual<br>Contract<br>Date | Total<br>Cost<br>Request | Actual<br>Contract<br>Cost | Qty              | Contract<br>Forecast<br>Date  | Actual<br>Contract<br>Date | Total<br>Cost<br>Request | Actual<br>Contract<br>Cost | Qty  | Contract<br>Forecast<br>Date |
| End Item Quantity  |              |              |                              |                            |                          |                            |                  |                               |                            |                          |                            |      |                              |
| Spin Out IBCT Early  |              |              |                              |                            |                          |                            |                  |                               |                            |                          |                            |      |                              |
| Non-Line of Sight Launch System<br>(NLOS-LS)                                       | 26           |              |                              | Apr 08                     | 0.3                      | 0.3                        |                  | 3Q FY09                       |                            | 22.0                     |                            | 12   | 2Q FY10                      |
| LSI SEPM   |              |              |                              | Apr 08                     | 1.1                      | 1.1                        |                  |                               |                            |                          |                            |      |                              |
| ICS and GPCS   | 19           |              |                              |                            |                          |                            |                  | 3Q FY09                       |                            | 12.0                     |                            | 85   | 2Q FY10                      |
| Unmanned Ground Sensor (T & U-UGS)   | 16           |              |                              |                            |                          |                            |                  | 3Q FY09                       |                            | 1.6                      |                            | 40   | 2Q FY10                      |
| Small Unmanned Ground Vehicle (SUGV)<br>Block 1                                    | 16           |              |                              |                            |                          |                            |                  | 3Q FY09                       |                            | 1.0                      |                            |      | 2Q FY10                      |
| Class I Unmanned Aerial Vehicle Block 0  | 16           |              |                              |                            |                          |                            |                  | 3Q FY09                       |                            | 6.5                      |                            |      | 2Q FY10                      |
| Total Advance Procurement  |              |              |                              |                            | 1.4                      | 1.4                        |                  |                               |                            | 43.1                     |                            |      |                              |

| Exhibit P-40, Budget Item   | <b>Justification Sheet</b> |      |       |                                 |                            | Date:       | 2000       |
|---|----------------------------|------|-------|---------------------------------|----------------------------|-------------|------------|
|   |                            |      |       |                                 |                            | M           | ay 2009    |
| Appropriation / Budget Activity / Seria<br>Procurement of W&TCV, Army / 1 / 7 |                            |      |       | P-1 Item Nomencla<br>FIST VEHIO | ture<br>CLE (MOD) (GZ2300) |             |            |
| Program Elements for Code B Items:  | Code:                      | A    |       | l Program Elements:             |                            |             |            |
|   | Prior Years                | FY 2 | 2008  | FY 2009                         | FY 2010                    | To Complete | Total Prog |
| Proc Qty  | 362                        |      | 54    |                                 |                            |             | 416        |
| Gross Cost  | 775.3                      |      | 160.4 | 33.3                            | 70.2                       |             | 1039.2     |
| Less PY Adv Proc  |                            |      |       |                                 |                            |             |            |
| Plus CY Adv Proc  |                            |      |       |                                 |                            |             |            |
| Net Proc P1   | 775.3                      |      | 160.4 | 33.3                            | 70.2                       |             | 1039.2     |
| Initial Spares  | 38.8                       |      |       |                                 |                            |             | 38.8       |
| Total Proc Cost   | 814.1                      |      | 160.4 | 33.3                            | 70.2                       |             | 1078.0     |
| Flyaway U/C   |                            |      |       |                                 |                            |             |            |
| Weapon System Proc U/C  |                            |      |       |                                 |                            |             |            |

The Bradley Fire Support Team (BFIST) Vehicle replaces the aging M981 Fire Support Vehicle used for fire support planning and execution for maneuver company commanders. The Fire Support Team is attached to a Mechanized Infantry or Armor company and is primarily responsible for developing and executing fire support plans that enable success on the battlefield. The BFIST allows fire support operations to be performed on the battlefield in vehicles with the same signature, survivability, and mobility as other Bradleys in the maneuver units it supports. The A3 BFIST integrates a fire support Mission Equipment Package (MEP) with the advantage of Bradley A3 technology and capability advancements to embed much of the fire support functionality; what is not embedded is added as an Engineering Change Proposal (ECP) to the chassis. The A3 BFIST requires the Fire Support Sensor System (FS3) which will replace the current targeting system as the sensor of choice of the Fire Support community. The FS3 provides the improved range capability to detect, recognize and identify targets and designate under armor as specified in the 3 May 04 Operational Requirements Document (ORD) for Heavy/Light Fire Support Vehicle.

## Justification:

FY10 Base dollars of \$34.192 million will procure and integrate 42 FS3 Sensors on the A3 BFIST to support the Heavy Brigade Combat Team.

FY10 Overseas Contingency Operations (OCO) dollars of \$36,000 million will procure and RESET 57 FS3 Sensors on the A3 BFIST to support the Heavy Brigade Combat Team.

Exhibit P-40

| Exhibit P-5, Weapon WTCV Cost Analysis | Appropriation/Budget Activity/Serial No:<br>Procurement of W&TCV, Army / 1 / Track<br>vehicles | ked com |            |       | menclature:<br>(MOD) (GZ2300) |            |       | Weapon System | m Type:    | Date: | May 2009  |
|--|--|---------|------------|-------|-------------------------------|------------|-------|---------------|------------|-------|-----------|
| WTCV                                   |  | ID      |            | FY 08 |                               |            | FY 09 |               |            | FY 10 |           |
| Cost Elemen                            | ts   | CD      | Total Cost | Qty   | Unit Cost                     | Total Cost | Qty   | Unit Cost     | Total Cost | Qty   | Unit Cost |
|  |  |         | \$000      | Units | \$000                         | \$000      | Units | \$000         | \$000      | Units | \$000     |
| Hardware Cost                          |  |         |            |       |                               |            |       |               |            |       |           |
| A3 Vehicle Production                  |  |         | 11493      | 1 54  | 2128                          |            |       |               |            |       |           |
| FLIR                                   |  |         | 1029       | 6     |                               |            |       |               |            |       |           |
| FS3 Sensor / Integration               |  |         | 398        | 0 12  | 332                           | 10671      | 12    | 889           | 51753      | 99    | 523       |
| Government Furnished Equipment (GFE)   |  |         | 1341       | 1     |                               | 485        |       |               | 4016       | 5     |           |
| SUBTOTAL                               |  |         | 14261      | 8     |                               | 11156      |       |               | 55769      | 9     |           |
| Engineering Production                 |  |         | 1130       | 0     |                               | 8345       |       |               | 6219       | Э     |           |
| Government Support                     |  |         | 235        | 8     |                               | 2406       |       |               | 2428       | 3     |           |
| Fielding                               |  |         | 371        | 7     |                               | 4119       |       |               | 4233       | 3     |           |
| Test & Evaluation                      |  |         | 36         | 8     |                               | 7301       |       |               | 1543       | 3     |           |
| SUBTOTAL                               |  |         | 1774       | 3     |                               | 22171      |       |               | 14423      | 3     |           |
| Total:                                 |  |         | 16036      | 1     |                               | 33327      |       |               | 70192      | 2     |           |

| Exhibit P-5a, Budget Procurement  | Histor         | y and Planning          |                                |                                    |            |                           |              |                    | Oate:<br>Aay 2009      | )                      |                      |
|---|----------------|-------------------------|--------------------------------|------------------------------------|------------|---------------------------|--------------|--------------------|------------------------|------------------------|----------------------|
| Appropriation/Budget Activity/Serial No: Procurement of W&TCV, Army/ 1/ Tracked combat vehicles |                | Weapon System Type:     |                                | Nomenclature:<br>LE (MOD) (GZ2300) |            |                           |              |                    |                        |                        |                      |
| WBS Cost Elements:  |                | Contractor and Location | Contract<br>Method and<br>Type | Location of PCO                    | Award Date | Date of First<br>Delivery | QTY<br>Units | Unit Cost<br>\$000 | Specs<br>Avail<br>Now? | Date<br>Revsn<br>Avail | RFP<br>Issue<br>Date |
| A3 Vehicle Production<br>FY 2008  | BAE<br>York PA |                         | SS/FP                          | USATACOM, Warren,<br>Mi            | Feb 08     | Aug 09                    | 54           | 2128               | yes                    |                        |                      |

REMARKS: The Bradley Fire Support Team (BFIST) vehicles are produced under the Bradley program vehicle production contract. FY08 FS3 Sensors/Integration, procured 12 FS3 Sensors which are long lead items. Lead time is between 16 to 18 months. FY09 and FY10 FS3 Sensors/Integration costs include the integration of the FS3 Sensor on the A3 BFIST.

|          |           | F       | FY 09 /     | 10 BU          | JDGE'          | T PRO       | ODU         | CTIO        | N SCI       | HEDU        | ILE         |             |             | P-1 ITEN |             |             |             | ))          |             |             |             |             | Dat         | te:         | May 20      | 009         |             |             |             |       |   |
|----------|-----------|---------|-------------|----------------|----------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|----------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------|---|
|          | C         | OST     | ELEN        | IENTS          |                |             |             |             |             |             | Fiscal '    | Year 0      | 9           | •        |             |             |             |             |             |             |             |             | Fiscal Y    | ear 10      | )           |             |             |             |             |       |   |
| M        |           | S<br>E  | PROC<br>QTY | ACCEP<br>PRIOR | BAL<br>DUE     |             |             |             |             |             |             |             |             | Calenda  | r Year (    | )9          |             |             |             |             |             |             |             | Calen       | ndar Yea    | ar 10       |             |             |             |       |   |
| F<br>R   | FY        | R<br>V  | Units       | TO<br>1 OCT    | AS OF<br>1 OCT | O<br>C<br>T | N<br>O<br>V | D<br>E<br>C | J<br>A<br>N | F<br>E<br>B | M<br>A<br>R | A<br>P<br>R | M<br>A<br>Y | U        | J<br>U<br>L | A<br>U<br>G | S<br>E<br>P | O<br>C<br>T | N<br>O<br>V | D<br>E<br>C | J<br>A<br>N | F<br>E<br>B | M<br>A<br>R | A<br>P<br>R | M<br>A<br>Y | J<br>U<br>N | J<br>U<br>L | A<br>U<br>G | S<br>E<br>P | Later |   |
| Α:       | 8 Vehicle | Produ   | ction       |                |                |             |             |             | -,          | 2           | .,          |             |             |          |             |             | •           |             |             |             | -,          |             |             |             |             |             |             |             |             | Į     | 上 |
| <u> </u> | FY 08     |         | 54          | 0              | 54             |             |             |             |             |             |             |             |             |          |             | 10          | 10          | 10          | 10          | 10          | 4           |             |             |             |             |             |             |             |             | 0     | ī |
|          |           |         |             |                |                |             |             |             |             |             |             |             |             |          |             |             |             |             |             |             |             |             |             |             |             |             |             |             |             |       | 1 |
|          |           |         |             |                |                |             |             |             |             |             |             |             |             |          |             |             |             |             |             |             |             |             |             |             |             |             |             |             |             |       | 1 |
|          |           |         |             |                |                |             |             |             |             |             |             |             |             |          |             |             |             |             |             |             |             |             |             |             |             |             |             |             |             |       |   |
|          |           |         |             |                |                |             |             |             |             |             |             |             |             |          |             |             |             |             |             |             |             |             |             |             |             |             |             |             |             |       |   |
|          |           |         |             |                |                |             |             |             |             |             |             |             |             |          |             |             |             |             |             |             |             |             |             |             |             |             |             |             |             |       |   |
|          |           |         |             |                |                |             |             |             |             |             |             |             |             |          |             |             |             |             |             |             |             |             |             |             |             |             |             |             |             |       |   |
|          |           |         |             |                |                |             |             |             |             |             |             |             |             |          |             |             |             |             |             |             |             |             |             |             |             |             |             |             |             |       |   |
|          |           |         |             |                |                |             |             |             |             |             |             |             |             |          |             |             |             |             |             |             |             |             |             |             |             |             |             |             |             |       | _ |
|          |           |         |             |                |                |             |             |             |             |             |             |             |             |          |             |             |             |             |             |             |             |             |             |             |             |             |             |             |             |       | _ |
|          |           |         |             |                |                |             |             |             |             |             |             |             |             |          |             |             |             |             |             |             |             |             |             |             |             |             |             |             |             |       | - |
|          |           |         |             |                |                |             |             |             |             |             |             |             |             |          |             |             |             |             |             |             |             |             |             |             |             |             |             |             |             |       | _ |
|          |           |         |             |                |                |             |             |             |             |             |             |             |             |          |             |             |             |             |             |             |             |             |             |             |             |             |             |             |             |       | - |
| T-4      | -1        |         |             |                | 54             |             |             |             |             |             |             |             |             |          |             | 10          | 10          | 10          | 10          | 10          | 4           |             |             |             |             |             |             |             |             |       | - |
| Tot      | aı        |         |             |                | 34             | 0           | N           | D           | J           | F           | M           | Δ.          | M           | J        | J           |             | S           | 0           | N           | D           | J           | F           | M           | A           | M           | J           | ī           | Δ.          | S           |       | - |
|          |           |         |             |                |                | C<br>T      | O<br>V      | E<br>C      | A<br>N      | E<br>B      | A<br>R      | A<br>P<br>R | A<br>Y      | U        | U<br>L      | A<br>U<br>G | E<br>P      | C<br>T      | O<br>V      | E<br>C      | A<br>N      | E<br>B      | A<br>R      | P<br>R      | A<br>Y      | U<br>N      | U<br>L      | A<br>U<br>G | E<br>P      |       |   |
|          |           |         |             |                |                |             |             |             |             |             |             |             |             |          |             |             |             |             |             |             |             |             |             |             |             |             |             |             |             |       |   |
| M        |           |         |             |                |                |             |             | PRODU       | CTION       | RATES       |             |             |             |          |             | A           | DMIN I      | LEAD T      | IME         |             | MFR         |             | TOTA        | AL          | REMA        | RKS         |             |             |             |       |   |
| F        |           |         |             |                |                |             |             |             |             |             | Reac        | hed M       | IFR         |          |             | Pric        | or 1 Oct    | Afte        | r 1 Oct     | Aft         | er 1 Oct    |             | After 1     | Oct         |             |             |             |             |             |       |   |
| R        |           |         | Nam         | ne - Locati    | on             |             | 1           | MIN         | 1-8-5       | MAX         | D-          | +           | 1 I         | nitial   |             |             | 0           |             | 5           |             | 18          |             | 23          |             |             |             |             |             |             |       |   |
| 1        | BAE, `    | York PA | A           |                |                |             |             | 12          | 25          | 82          |             |             | F           | Reorder  |             |             | 0           |             | 0           |             | 0           |             | 0           |             |             |             |             |             |             |       |   |
|          |           |         |             |                |                |             |             |             |             |             |             |             | I           | nitial   |             |             |             |             |             |             |             |             |             |             |             |             |             |             |             |       |   |
|          |           |         |             |                |                |             |             |             |             |             |             |             | F           | Reorder  |             |             |             |             |             |             |             |             |             |             |             |             |             |             |             |       |   |
|          |           |         |             |                |                |             |             |             |             |             |             |             | I           | nitial   |             |             |             |             |             |             |             |             |             |             |             |             |             |             |             |       |   |
|          |           |         |             |                |                |             |             |             |             |             |             |             | F           | Reorder  |             |             |             |             |             |             |             |             |             |             |             |             |             |             |             |       |   |
|          |           |         |             |                |                |             |             |             | -           |             |             |             | I           | nitial   |             |             |             |             |             |             |             |             |             |             |             |             |             |             |             |       |   |
|          |           |         |             |                |                |             |             |             |             |             |             |             | F           | Reorder  |             |             |             |             |             |             |             |             |             |             |             |             |             |             |             |       |   |
|          |           |         |             |                |                |             |             |             |             |             |             |             | I           | nitial   |             |             |             |             |             |             |             |             |             |             |             |             |             |             |             |       |   |
|          |           |         |             |                |                |             |             |             |             |             |             |             | F           | Reorder  |             |             |             |             |             |             |             |             |             |             |             |             |             |             |             |       |   |

| Exhibit P-40, Budget Item   | Justification Sheet | ,      |        |                     |                                | Date:       | ay 2009    |
|---|---------------------|--------|--------|---------------------|--------------------------------|-------------|------------|
| Appropriation / Budget Activity / Seria<br>Procurement of W&TCV, Army / 1 / |                     |        |        | P-1 Item Nomencla   | ture<br>PROGRAM (MOD) (GZ2400) |             | -y         |
| Program Elements for Code B Items:  | Code                | :<br>A |        | l Program Elements: |                                |             |            |
|   | Prior Years         | F      | Y 2008 | FY 2009             | FY 2010                        | To Complete | Total Prog |
| Proc Qty  |                     |        |        |                     |                                |             |            |
| Gross Cost  | 1807.3              | 3      | 181.9  | 852.0               | 770.0                          |             | 3611.2     |
| Less PY Adv Proc  |                     |        |        |                     |                                |             |            |
| Plus CY Adv Proc  |                     |        |        |                     |                                |             |            |
| Net Proc P1   | 1807.3              | 3      | 181.9  | 852.0               | 770.0                          |             | 3611.2     |
| Initial Spares  |                     |        |        |                     |                                |             |            |
| Total Proc Cost   | 1807.3              | 3      | 181.9  | 852.0               | 770.0                          |             | 3611.2     |
| Flyaway U/C   |                     |        |        |                     |                                |             |            |
| Weapon System Proc U/C  |                     |        |        |                     |                                |             |            |
|   |                     |        |        |                     |                                |             |            |

This program procures Operation Desert Storm (ODS) vehicle upgrades to improve its Situational Awareness (SA). This includes the Second GEN Forward Looking Infrared (FLIR) capability which provides target detection and identification at weapon maximum effective range and achieves commonality with the M1A1 Abrams Integrated Management (AIM) tank. This modification eliminates the obsolete sensor technology on the ODS fleet.

## Justification:

FY10 base funding of \$526.356 million procures ODS Situation Awareness (SA) for Bradley A2 ODS vehicles.

FY10 Overseas Contingency Operations (OCO) funding of \$243.600 million procures Bradley Reactive Armor and Urban Survivability Kits.

| E-L:L:4 D 40N            | / D d.c.4 T4 J4                     | action Chast |                   |                             | Date:   |        |
|--------------------------|-------------------------------------|--------------|-------------------|-----------------------------|---|--------|
|                          | A, Budget Item Justifi              | cation Sneet | T                 |                             | May 2009                                      |        |
| Appropriation / Budget A | •                                   |              | P-1 Item Nomencla |                             |   |        |
| Procuremen               | t of W&TCV, Army / 1 / Tracked comb | at vehicles  | BRAD              | DLEY PROGRAM (MOD) (GZ2400) | T-  |        |
| Program Elements for Co  | ode B Items:                        |              |                   | Code:<br>A                  | Other Related Program Elements<br>0203735.371 | S:     |
| Description              |                                     | Fiscal Years |                   | •                           |   |        |
| OSIP No.                 | Classification                      | 2008 & PR    | FY 2009           | FY 2010                     | TC  | Total  |
| A2 ODS Vehicle for O     | Combat Engineers (ODS-E)            |              |                   |                             |   |        |
| 1-98-05-4539             | Operational                         | 59.8         | 0.0               | 0.0                         | 0.0   | 59.5   |
| Prior Year Closed Mo     | ods                                 |              |                   |                             |   |        |
| 0-00-00-0000             |                                     | 974.7        | 0.0               | 0.0                         | 0.0   | 974.   |
| Bradley Reactive Arm     | nor                                 |              |                   |                             |   |        |
| 1-84-05-4038             | Operational                         | 598.0        | 156.0             | 11.1                        | 0.0   | 765.   |
| Blue Force Tracking      |                                     |              |                   |                             |   |        |
| 2-04-05-0004             | Operational                         | 58.0         | 0.0               | 0.0                         | 0.0   | 58.0   |
| BFVS High Priority In    | mprovements                         |              |                   |                             |   |        |
| 1-98-05-4550             | Operational                         | 298.7        | 385.0             | 232.6                       | 0.0   | 916.3  |
| ODS Situational Awa      | reness                              |              |                   |                             |   |        |
| 2-07-05-0017             | Operational                         | 0.0          | 302.1             | 460.6                       | 0.0   | 762.   |
| Engineering Support      |                                     |              | _                 |                             |   | _      |
| 0-00-00-0000             |                                     | 0.0          | 8.9               | 65.7                        | 0.0   | 74.6   |
|                          |                                     |              |                   |                             |   |        |
| Totals                   |                                     | 1989.2       | 852.0             | 770.0                       | 0.0   | 3611.2 |

Date:

May 2009

MODIFICATION TITLE: Bradley Reactive Armor [MOD 3] 1-84-05-4038

MODELS OF SYSTEM AFFECTED: Bradley of Family Vehicles Fleet

## DESCRIPTION / JUSTIFICATION:

Bradley Reactive Armor is one of the High Survivability improvements to the Bradley Fighting Vehicle Systems (BFVS). The armor provides increased protection and crew survivability against shaped charge threats, including hand held Anti-tank Chemical Energy Shape Charges and other classes of warheads as specified in the BFVS material need area.

DEVELOPMENT STATUS / MAJOR DEVELOPMENT MILESTONE(S):

Critical Design Review: 3Q98

Contractor Test and Evaluation: 1Q04
Development Test and Evaluation: 1Q04
Initial Operational Test and Evaluation: N/A

IPR Production Decision: 1Q04

TDP Available: Yes

Installation Schedule

| Inputs  |
|---------|
| Outputs |

Inputs Outputs

| uie |        |   |      |      |     |     |      |      |     |    |      |      |    |   |      |      |   |   |      |      |   |
|-----|--------|---|------|------|-----|-----|------|------|-----|----|------|------|----|---|------|------|---|---|------|------|---|
|     | Pr Yr  |   | FY 2 | 2009 |     |     | FY 2 | 2010 |     |    | FY 2 | 2011 |    |   | FY 2 | 2012 |   |   | FY 2 | 2013 |   |
|     | Totals | 1 | 2    | 3    | 4   | 1   | 2    | 3    | 4   | 1  | 2    | 3    | 4  | 1 | 2    | 3    | 4 | 1 | 2    | 3    | 4 |
|     | 520    |   |      |      | 146 | 146 | 146  | 146  | 22  | 21 | 21   | 21   |    |   |      |      |   |   |      |      |   |
|     | 421    |   |      |      |     | 146 | 146  | 146  | 146 | 22 | 21   | 21   | 21 |   |      |      |   |   |      |      |   |

|   | FY 2 | 2014 FY 2015 |   |   |   | FY 2 | 2016 |   |   | FY : | 2017 |   | То | Totals |   |          |      |
|---|------|--------------|---|---|---|------|------|---|---|------|------|---|----|--------|---|----------|------|
| 1 | 2    | 3            | 4 | 1 | 2 | 3    | 4    | 1 | 2 | 3    | 4    | 1 | 2  | 3      | 4 | Complete |      |
|   |      |              |   |   |   |      |      |   |   |      |      |   |    |        |   |          | 1189 |
|   |      |              |   |   |   |      |      |   |   |      |      |   |    |        |   |          | 1090 |

METHOD OF IMPLEMENTATION:

Troop Installed

ADMINISTRATIVE LEADTIME:

5 months

PRODUCTION LEADTIME: 6 months

Contract Dates:

FY 2010 - Feb 2010

FY 2011 - N/A

FY 2012 - N/A

Delivery Dates:

FY 2010 - Aug 2010

FY 2011 - N/A

FY 2012 - N/A

Date:

May 2009

MODIFICATION TITLE (cont): Bradley Reactive Armor [MOD 3] 1-84-05-4038

FINANCIAL PLAN: (\$ in Millions)

|                                 | FY 2  | .008  |     |       |     |      |     |     |      |       |
|---------------------------------|-------|-------|-----|-------|-----|------|-----|-----|------|-------|
|                                 | and F | Prior | 20  | 09    | 20  | 10   | Т   | С   | То   | tal   |
|                                 | Qty   | \$    | Qty | \$    | Qty | \$   | Qty | \$  | Qty  | \$    |
| RDT&E                           |       |       |     |       |     |      |     |     |      |       |
| Procurement                     |       |       |     |       |     |      |     |     |      |       |
| Kit Quantity                    | 520   | 598.0 | 584 | 156.0 | 85  | 11.1 |     |     | 1189 | 765.1 |
| Installation Kits               |       |       |     |       |     |      |     |     |      |       |
| Installation Kits, Nonrecurring |       |       |     |       |     |      |     |     |      |       |
| Facilitization                  |       |       |     |       |     |      |     |     |      |       |
| Equipment, Nonrecurring         |       |       |     |       |     |      |     |     |      |       |
| Engineering Change Orders       |       |       |     |       |     |      |     |     |      |       |
| Data                            |       |       |     |       |     |      |     |     |      |       |
| Training Equipment              |       |       |     |       |     |      |     |     |      |       |
| Support Equipment               |       |       |     |       |     |      |     |     |      |       |
| Other                           |       |       |     |       |     |      |     |     |      |       |
| Interim Contractor Support      |       |       |     |       |     |      |     |     |      |       |
| Installation of Hardware        |       |       |     |       |     |      |     |     |      |       |
| FY 2007 & Prior Equip Kits      | 372   |       |     |       |     |      |     |     | 372  |       |
| FY 2008 Kits                    | 49    |       |     |       |     |      |     |     | 49   |       |
| FY 2009 Equip Kits              |       |       |     |       | 584 |      |     |     | 584  |       |
| FY 2010 Equip Kits              |       |       |     |       |     |      |     |     |      |       |
| FY 2011 Equip Kits              |       |       |     |       |     |      |     |     |      |       |
| FY 2012 Equip Kits              |       |       |     |       |     |      |     |     |      |       |
| FY 2013 Equip Kits              |       |       |     |       |     |      |     |     |      |       |
| FY 2014 Equip Kits              |       |       |     |       |     |      |     |     |      |       |
| TC Equip- Kits                  |       |       |     |       |     |      |     |     |      |       |
| Total Installment               | 421   | 0.0   | 0   | 0.0   | 584 | 0.0  | 0   | 0.0 | 1005 | 0.0   |
| Total Procurement Cost          |       | 598.0 |     | 156.0 |     | 11.1 |     | 0.0 |      | 765.1 |

Item No. 10 Page 4 of 10 54

Date:

May 2009

MODIFICATION TITLE: BFVS High Priority Improvements [MOD 5] 1-98-05-4550

MODELS OF SYSTEM AFFECTED: Bradley Family of Vehicles Fleet

## DESCRIPTION / JUSTIFICATION:

The Bradley Fighting Vehicle Systems (BFVS) represent the primary mechanized Infantry, Cavalry and Engineer forces in the Heavy Brigade Combat Teams which are currently supporting OIF. In order to retain a strategic combat overmatch against consistently improving threat forces/technologies, several Bradley Urban Survivability modifications will be incorporated on these systems. The modification includes an improved fire suppression system, armored commander's gun shield, hot box restraint which prevents stowed ammo from becoming secondary projectiles in an IED event, advanced driver and squad seats, fuel cell bladder which seals the existing fuel cell reducing fuel borne events, rear emergency ramp egress which allows immediate soldier evacuation upon an IED event and turret floor protection. FY10 quantities include 3846 Bradley Fuel Cell Survivability (BFCS); 3846 Emergency Ramp Release (ERR); and 3968 Bradley Advanced Survivability Seat - Driver (BASS-D)

DEVELOPMENT STATUS / MAJOR DEVELOPMENT MILESTONE(S):

#### Installation Schedule

| Inputs  |
|---------|
| Outputs |

Inputs Outputs

| Pr Yr  |   | FY 2 | 2009 |   |      | FY 2 | 2010 |      |      | FY 2 | 2011 |      |   | FY 2 | 2012 |   |   | FY 2 | 2013 |   |
|--------|---|------|------|---|------|------|------|------|------|------|------|------|---|------|------|---|---|------|------|---|
| Totals | 1 | 2    | 3    | 4 | 1    | 2    | 3    | 4    | 1    | 2    | 3    | 4    | 1 | 2    | 3    | 4 | 1 | 2    | 3    | 4 |
| 2393   |   |      |      |   | 2028 | 2028 | 2027 | 4942 | 2915 | 2915 | 2915 |      |   |      |      |   |   |      |      |   |
| 2393   |   |      |      |   |      | 2028 | 2028 | 2027 | 4942 | 2915 | 2915 | 2915 |   |      |      |   |   |      |      |   |

|   | FY 2 | 2014 |   |   | FY 2 | 2015 |   |   | FY 2 | 2016 |   |   | FY 2 | 2017 |   | То       | Totals |
|---|------|------|---|---|------|------|---|---|------|------|---|---|------|------|---|----------|--------|
| 1 | 2    | 3    | 4 | 1 | 2    | 3    | 4 | 1 | 2    | 3    | 4 | 1 | 2    | 3    | 4 | Complete |        |
|   |      |      |   |   |      |      |   |   |      |      |   |   |      |      |   |          | 22163  |
|   |      |      |   |   |      |      |   |   |      |      |   |   |      |      |   |          | 22163  |

METHOD OF IMPLEMENTATION:

Depot Teams FY 2010 - Feb 2010 ADMINISTRATIVE LEADTIME:

5 months FY 2011 -

FY 2012 -

PRODUCTION LEADTIME: 6 months

Contract Dates: Delivery Dates:

FY 2010 - Aug 2010

FY 2011 -

FY 2012 -

GZ2400 BRADLEY PROGRAM (MOD) Item No. 10 Page 5 of 10

Exhibit P-3A Individual Modification

Date:

May 2009

MODIFICATION TITLE (cont): BFVS High Priority Improvements [MOD 5] 1-98-05-4550

FINANCIAL PLAN: (\$ in Millions)

|                            | FY 2  | 008   |      |       |       |       |     |     |       |       |
|----------------------------|-------|-------|------|-------|-------|-------|-----|-----|-------|-------|
|                            | and P | rior  | 20   | 09    | 20    | 010   | Т   | С   | Tota  | al    |
|                            | Qty   | \$    | Qty  | \$    | Qty   | \$    | Qty | \$  | Qty   | \$    |
| RDT&E                      |       |       |      |       |       |       |     |     |       |       |
| Procurement                |       |       |      |       |       |       |     |     |       |       |
| CMED Driver Vision Upgrade | 617   | 85.5  |      |       |       |       |     |     | 617   | 85.5  |
| Reset Mods                 | 756   | 10.5  |      |       |       |       |     |     | 756   | 10.5  |
| INU/Talon                  | 271   | 5.0   |      |       |       |       |     |     | 271   | 5.0   |
| Heat Abatement/Cargo Hatch | 2764  | 2.8   |      |       |       |       |     |     | 2764  | 2.8   |
| High Priority Mods         |       | 96.5  |      |       |       |       |     |     |       | 96.5  |
| Urban Survivability Mods   |       | 96.4  | 8110 | 385.0 | 11660 | 232.6 |     |     | 19770 | 714.0 |
| Installation of Hardware   |       |       |      |       |       |       |     |     |       |       |
| FY 2007 & Prior Equip Kits | 2393  | 2.0   |      |       |       |       |     |     | 2393  | 2.0   |
| FY 2008 Kits               |       |       |      |       |       |       |     |     |       |       |
| FY 2009 Equip Kits         |       |       |      |       |       |       |     |     |       |       |
| FY 2010 Equip Kits         |       |       |      |       |       |       |     |     |       |       |
| FY 2011 Equip Kits         |       |       |      |       |       |       |     |     |       |       |
| FY 2012 Equip Kits         |       |       |      |       |       |       |     |     |       |       |
| FY 2013 Equip Kits         |       |       |      |       |       |       |     |     |       |       |
| FY 2014 Equip Kits         |       |       |      |       |       |       |     |     |       |       |
| FY2010 Equip Kits          |       |       |      |       |       |       |     |     |       |       |
| 2011 Equip kits            |       |       |      |       |       |       |     |     |       |       |
| TOC Equip kits             |       |       |      |       |       |       |     |     |       |       |
| Total Installment          | 2393  | 2.0   | 0    | 0.0   | 0     | 0.0   | 0   | 0.0 | 2393  | 2.0   |
| Total Procurement Cost     |       | 298.7 |      | 385.0 |       | 232.6 |     | 0.0 |       | 916.3 |

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Date:

May 2009

MODIFICATION TITLE: ODS Situational Awareness [MOD 6] 2-07-05-0017

MODELS OF SYSTEM AFFECTED: M2/M3 ODS

## DESCRIPTION / JUSTIFICATION:

The Bradley ODS Situational Awareness (SA) is an upgrade to the Bradley A2 ODS vehicle; the A2 Integrated Sight Unit (ISU) and a 1st Gen Forward Looking Infrared (FLIR) is replaced with the Improved Bradley Acquisition System (IBAS), a 2nd GEN FLIR. This replacement improves the commander's and gunner's surveillance capability (detection and recognition range), while maintaining the Bradley A2 ODS's lethality, survivability, sustainability and eliminates obsolescence.

# DEVELOPMENT STATUS / MAJOR DEVELOPMENT MILESTONE(S):

## Installation Schedule

Inputs Outputs

Inputs Outputs

| Pr Yr  |   | FY 2 | 2009 |   |   | FY 2 | 2010 |    |    | FY 2 | 2011 |    |    | FY 2 | 2012 |   | FY 2013 |   |   |   |  |
|--------|---|------|------|---|---|------|------|----|----|------|------|----|----|------|------|---|---------|---|---|---|--|
| Totals | 1 | 2    | 3    | 4 | 1 | 2    | 3    | 4  | 1  | 2    | 3    | 4  | 1  | 2    | 3    | 4 | 1       | 2 | 3 | 4 |  |
|        |   |      |      |   |   |      | 48   | 48 | 48 | 48   | 89   | 88 | 88 | 88   |      |   |         |   |   |   |  |
|        |   |      |      |   |   |      | 48   | 48 | 48 | 48   | 89   | 88 | 88 | 88   |      |   |         |   |   |   |  |

|   | FY 2 | FY 2014 FY 2015 |   |   |   |   |   |   | FY 2 | 2016 |   |   | FY : | 2017 |   | То       | Totals |
|---|------|-----------------|---|---|---|---|---|---|------|------|---|---|------|------|---|----------|--------|
| 1 | 2    | 3               | 4 | 1 | 2 | 3 | 4 | 1 | 2    | 3    | 4 | 1 | 2    | 3    | 4 | Complete |        |
|   |      |                 |   |   |   |   |   |   |      |      |   |   |      |      |   |          | 545    |
|   |      |                 |   |   |   |   |   |   |      |      |   |   |      |      |   |          | 545    |

METHOD OF IMPLEMENTATION:

Contractor

ADMINISTRATIVE LEADTIME:

7 months

PRODUCTION LEADTIME: 12 months

Contract Dates:

FY 2010 - Apr 10

FY 2011 -

FY 2012 -

Delivery Dates:

FY 2010 - Apr 11

FY 2011 -

FY 2012 -

# INDIVIDUAL MODIFICATION Date: May 2009

MODIFICATION TITLE (cont): ODS Situational Awareness [MOD 6] 2-07-05-0017

FINANCIAL PLAN: (\$ in Millions)

|                            | FY 2  | 2008  |        |       |     |       |     |     |     |       |
|----------------------------|-------|-------|--------|-------|-----|-------|-----|-----|-----|-------|
|                            | and I | Prior | 20     | 09    | 20  | 010   | Т   | С   | То  | tal   |
|                            | Qty   | \$    | Qty \$ |       | Qty | \$    | Qty | \$  | Qty | \$    |
| RDT&E                      |       |       |        |       |     |       |     |     |     |       |
| Procurement                |       |       |        |       |     |       |     |     |     |       |
| ODS Situational Awareness  |       |       | 192    | 302.1 | 353 | 460.6 |     |     | 545 | 762.7 |
| Program Support            |       |       |        |       |     |       |     |     |     |       |
| Installation of Hardware   |       |       |        |       |     |       |     |     |     |       |
| FY 2007 & Prior Equip Kits |       |       |        |       |     |       |     |     |     |       |
| FY 2008 Kits               |       |       |        |       |     |       |     |     |     |       |
| FY 2009 Equip Kits         |       |       |        |       | 96  |       |     |     | 96  |       |
| FY 2010 Equip Kits         |       |       |        |       |     |       |     |     |     |       |
| FY 2011 Equip Kits         |       |       |        |       |     |       |     |     |     |       |
| FY 2012 Equip Kits         |       |       |        |       |     |       |     |     |     |       |
| FY 2013 Equip Kits         |       |       |        |       |     |       |     |     |     |       |
| FY 2014 Equip Kits         |       |       |        |       |     |       |     |     |     |       |
| TC Equip- Kits             |       |       |        |       |     |       |     |     |     |       |
| Total Installment          | 0     | 0.0   | 0      | 0.0   | 96  | 0.0   | 0   | 0.0 | 96  | 0.0   |
| Total Procurement Cost     |       | 0.0   |        | 302.1 |     | 460.6 |     | 0.0 |     | 762.7 |

|   |  |                  |         |        |         | IND      | IVIDU           | JAL M | ODIF    | ICATI                                    | ON                  |   |                     |         |   |   |      |      |         | D    | ate:     | May 200 | )9      |   |   |        |  |
|---|--|------------------|---------|--------|---------|----------|-----------------|-------|---------|--|---------------------|---|---------------------|---------|---|---|------|------|---------|------|----------|---------|---------|---|---|--------|--|
| MODIFICATION TI   | TLE: Eng                               | gineering        | Support | [MOD   | 7] 0-00 | 0-00-000 | 00              |       |         |  |                     |   |                     |         |   |   |      |      |         |      |          |         |         |   |   |        |  |
| MODELS OF SYSTI   | EM AFFE                                | ECTED:           |         |        |         |          |                 |       |         |  |                     |   |                     |         |   |   |      |      |         |      |          |         |         |   |   |        |  |
| DESCRIPTION / JUST<br>Support includes<br>engineering to su<br>Bradley Procurer | Total P                                | ackage<br>A prod |         |        |         |          |                 |       |         |  |                     |   |                     |         |   |   |      |      |         |      |          |         |         |   |   |        |  |
| DEVELOPMENT ST  | ΓATUS / I                              | MAJOR            | DEVELO  | PMEN   | NT MII  | LESTON   | NE(S):          |       |         |  |                     |   |                     |         |   |   |      |      |         |      |          |         |         |   |   |        |  |
| Installation Schedule   |  |                  |         |        |         |          |                 |       |         |  |                     |   |                     |         |   |   |      |      |         |      |          |         |         |   |   |        |  |
|   | ]                                      | Pr Yr            |         |        | FY 2    | 2009     |                 |       | FY 2010 |  |                     |   |                     | FY 2011 |   |   |      |      | FY 2012 |      |          |         | FY 2013 |   |   |        |  |
|   | 7                                      | Γotals           | 1       | 1 2    |         | 3        | 4               |       | 1       | 2  | 3                   | 4 | 4                   | 1       | 2 | 3 | 4    |      | 1       | 2    | 3        | 4       | 1       | 2 | 3 | 4      |  |
| Inputs  |  |                  |         |        |         |          |                 |       |         |  |                     |   |                     |         |   |   |      |      |         |      |          |         |         |   |   |        |  |
| Outputs   |  |                  |         |        |         |          |                 |       |         |  |                     |   |                     |         |   |   |      |      |         |      |          |         |         |   |   |        |  |
|   |  | FV '             | 2014    |        |         |          | FY 2015 FY 2016 |       |         |  |                     |   |                     |         |   |   | FY 2 | 017  |         |      |          |         | То      |   |   | Totals |  |
|   | 1                                      | 2                | 3       | 4      | 1       |          | 2               | 3     | 4       |  | 1                   | 2 | 3                   | 4       | 1 |   | 2    | 3    | 4       |      |          | Co      | mplete  |   |   | Totals |  |
| Inputs  |  |                  |         |        |         |          |                 |       |         |  |                     |   |                     |         |   |   |      |      |         |      |          |         | 1       |   |   |        |  |
| Outputs   |  |                  |         |        |         |          |                 |       |         |  |                     |   |                     |         |   |   |      |      |         |      |          |         |         |   |   |        |  |
| METHOD OF IMPL  | METHOD OF IMPLEMENTATION:  ADMINISTRAT |                  |         |        |         |          |                 |       | ΓΙVE L  | IVE LEADTIME: 0 months PRODUCTION LEADTI |                     |   |                     |         |   |   |      | IME: | 0 mor   | nths | <u> </u> |         |         |   |   |        |  |
| Contract Dates:   |  |                  | FY      | 2010 - |         |          |                 |       |         |  |                     |   | FY 2011 - FY 2012 - |         |   |   |      |      |         |      |          |         |         |   |   |        |  |
| Delivery Dates:   | FY 2010 -                              |                  |         |        |         |          |                 |       |         |  | FY 2011 - FY 2012 - |   |                     |         |   |   |      |      |         |      |          |         |         |   |   |        |  |
|   |  |                  |         |        |         |          |                 |       |         |  |                     |   |                     |         |   |   |      |      |         |      |          |         |         |   |   |        |  |

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Exhibit P-3A Individual Modification

#### Date: May 2009 INDIVIDUAL MODIFICATION MODIFICATION TITLE (cont): Engineering Support [MOD 7] 0-00-00-0000 FINANCIAL PLAN: (\$ in Millions) FY 2008 TC and Prior 2009 2010 Total \$ \$ Qty \$ Qty Qty \$ Qty \$ Qty RDT&E Procurement Kit Quantity Installation Kits Installation Kits, Nonrecurring Equipment Equipment, Nonrecurring **Engineering Change Orders** Data Training Equipment Support 8.9 65.7 74.6 Other Interim Contractor Support Installation of Hardware FY 2008 & Prior Equip -- Kits FY 2009 -- Kits FY 2010 Equip -- Kits FY 2011 Equip -- Kits FY 2012 Equip -- Kits FY 2013 Equip -- Kits FY 2014 Equip -- Kits FY 2015 Equip -- Kits TC Equip- Kits 0.0 0.0 0.0 0.0 0 0.0 Total Installment 0.0 65.7 0.0 8.9 74.6 Total Procurement Cost

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Exhibit P-3A Individual Modification

| Exhibit P-40, Budget Item   | Justification Shee | t       |               |                              |                                      | Date:       | ay 2009    |
|---|--------------------|---------|---------------|------------------------------|--------------------------------------|-------------|------------|
| Appropriation / Budget Activity / Seria<br>Procurement of W&TCV, Army / 1 / 7 |                    |         |               | P-1 Item Nomencla<br>HOWITZE | ature<br>R, MED SP FT 155MM M109A6 ( |             | 2, 2007    |
| Program Elements for Code B Items: 0604854A.016                               | Code               | e:<br>B | Other Related | d Program Elements:          |                                      |             |            |
|   | Prior Years        | FY      | 2008          | FY 2009                      | FY 2010                              | To Complete | Total Prog |
| Proc Qty  |                    |         |               |                              |                                      |             |            |
| Gross Cost  | 1607.              | .4      | 60.4          | 28.8                         | 134.1                                |             | 1830.8     |
| Less PY Adv Proc  | 16.                | .3      |               |                              |                                      |             | 16.3       |
| Plus CY Adv Proc  | 16.                | .3      |               |                              |                                      |             | 16.3       |
| Net Proc P1   | 1607.              | .4      | 60.4          | 28.8                         | 134.1                                |             | 1830.8     |
| Initial Spares  |                    |         |               |                              |                                      |             |            |
| Total Proc Cost   | 1607.              | .4      | 60.4          | 28.8                         | 134.1                                |             | 1830.8     |
| Flyaway U/C   |                    |         |               |                              |                                      |             |            |
| Weapon System Proc U/C  |                    |         |               |                              |                                      |             |            |

The funding profile, prior to FY2010, selected Paladin/Field Artillery Ammunition Support Vehicle (FAASV) modifications such as the Modular Artillery Charge System (MACS) Storage and Handling to provide accessibility, noise reduction, positive restraint, and accommodate for future longer projectiles such as Excalibur. It also includes the Paladin Digital Fire Control System (PDFCS) modification that replaces the current Automatic Fire Control system (AFCS) computer, power conditioning unit, keypad, display, and muzzle velocity radar. The modifications provide solutions to obsolescence, reliability, and soldier burden as well as provide for integration of Excalibur.

For FY2010 and beyond, the Paladin Integrated Management (PIM) program will provide for the procurement of the approved obsolescence and sustainment modifications to the 155MM Self-Propelled Howitzer and FAASV. These will include leveraging Bradley common components integrating the engine transmission, final drives, and suspension. It will also replace obsolete components such as the DRU-H, hydraulics, and fatigued hull structures. Quantities associated with the fiscal year budgets are planned PIM vehicle sets (howitzers and FAASV) for procurement each fiscal year.

#### Justification:

FY10 Base dollars of \$96.503 million will procure and field 13 Paladin Integrated Management (PIM) vehicles as part of Low Rate Initial Production (LRIP) for Active. FY10 Overseas Contingency Operations (OCO) dollars of \$37.620 million will procure 1800 Cupola Bearings and 450 Chief of Section Protection Kits for Active.

| Exhibit P-5, Weapon WTCV Cost Analysis | Appropriation/Budget Activity/Serial No:<br>Procurement of W&TCV, Army / 1 / Trac<br>vehicles | ked com |            |       | omenclature:<br>ED SP FT 155MN | И М109A6 (MOD) | ) (GA0400) | Weapon Syste | m Type:    | Date: | May 2009  |
|--|---|---------|------------|-------|--------------------------------|----------------|------------|--------------|------------|-------|-----------|
| WTCV                                   |   | ID      |            | FY 08 |                                |                | FY 09      |              |            | FY 10 |           |
| Cost Elemen                            | ts  | CD      | Total Cost | Qty   | Unit Cost                      | Total Cost     | Qty        | Unit Cost    | Total Cost | Qty   | Unit Cost |
|  |   |         | \$000      | Units | \$000                          | \$000          | Units      | \$000        | \$000      | Units | \$000     |
| PIM Manufacturing (Incl ANAD)          |   | В       |            |       |                                |                |            |              | 38050      | 13    | 292       |
| PIM GFE                                |   |         |            |       |                                |                |            |              | 7750       |       |           |
| Systems Engineering/Mgmt - Gov         |   |         |            |       |                                |                |            |              | 11440      |       |           |
| System Technical Support (STS) - Contr |   |         |            |       |                                |                |            |              | 15303      |       |           |
| System Test and Evaluation - Gov       |   |         |            |       |                                |                |            |              | 6000       |       |           |
| PIM Non-Recurring Eng/Logistics        |   |         |            |       |                                |                |            |              | 16250      |       |           |
| Fielding                               |   |         |            |       |                                |                |            |              | 1710       |       |           |
| PDFCS                                  |   |         | 5202       | 9     |                                | 28828          |            |              |            |       |           |
| MACS                                   |   |         | 841        | 9     |                                |                |            |              |            |       |           |
| Cupola Bearings (1800)                 |   |         |            |       |                                |                |            |              | 27000      |       |           |
| Chief of Section Protection Kits (450) |   |         |            |       |                                |                |            |              | 10620      |       |           |
| Total:                                 |   |         | 6044       | 8     |                                | 28828          |            |              | 134123     |       |           |

| Exhibit P-5a, Budget Procurement  | <b>History and Planning</b> |                                |   |             |                           |              |                    | ate:<br>Iay 2009       | )                      |                    |
|---|-----------------------------|--------------------------------|---|-------------|---------------------------|--------------|--------------------|------------------------|------------------------|--------------------|
| Appropriation/Budget Activity/Serial No: Procurement of W&TCV, Army/ 1/ Tracked combat vehicles | Weapon System Type:         |                                | Nomenclature:<br>MED SP FT 155MM M109A6 | (MOD) (GA04 | 00)                       |              | •                  |                        |                        |                    |
| WBS Cost Elements:  | Contractor and Location     | Contract<br>Method and<br>Type | Location of PCO                         | Award Date  | Date of First<br>Delivery | QTY<br>Units | Unit Cost<br>\$000 | Specs<br>Avail<br>Now? | Date<br>Revsn<br>Avail | RFI<br>Issu<br>Dat |
| PIM Manufacturing (Incl ANAD)   |                             |                                |   |             |                           |              |                    |                        |                        |                    |
| FY 2010   | BAE Systems<br>York, PA     | TBD                            | TACOM, Warren, MI                       | Jun 10      | Jun 11                    | 13           | 2927               | no                     |                        |                    |

REMARKS:

|        |          | F  | Y 10 /      | ' 11 BU        | DGE            | T PRO       | ODUC        | CTIO   | N SCI       | HEDU   | ILE         |             |             | P-1 ITEN<br>HOWITZ |             |             |             | M M109      | A6 (MO      | DD) (GA     | 0400)       |             | Dat         |             | May 20      | 009         |                        |             |             |       |   |
|--------|----------|--|-------------|----------------|----------------|-------------|-------------|--|-------------|--|-------------|-------------|-------------|--------------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|------------------------|-------------|-------------|-------|---|
|        | C        | OST I  | ELEM        | IENTS          |                |             |             |  |             |  | Fiscal '    | Year 1      | 0           |                    |             |             |             |             |             |             |             | ]           | Fiscal Y    | ear 11      |             |             |                        |             |             |       |   |
| M      |          | S<br>E   | PROC<br>QTY | ACCEP<br>PRIOR | BAL<br>DUE     |             |             |  |             |  |             |             |             | Calenda            | r Year 1    | 10          |             |             |             |             |             |             |             | Calen       | dar Yea     | ır 11       |                        |             |             |       |   |
| F<br>R | FY       | R<br>V   | Units       | TO<br>1 OCT    | AS OF<br>1 OCT | O<br>C<br>T | N<br>O<br>V | D<br>E<br>C                                      | J<br>A<br>N | F<br>E<br>B                                      | M<br>A<br>R | A<br>P<br>R | M<br>A<br>Y | U                  | J<br>U<br>L | A<br>U<br>G | S<br>E<br>P | O<br>C<br>T | N<br>O<br>V | D<br>E<br>C | J<br>A<br>N | F<br>E<br>B | M<br>A<br>R | A<br>P<br>R | M<br>A<br>Y | J<br>U<br>N | J<br>U<br>L            | A<br>U<br>G | S<br>E<br>P | Later |   |
| PIN    | 1 Manuf  | acturing   | g (Incl AN  | JAD)           | 1              |             |             |  |             |  |             |             |             |                    |             | -           |             |             |             | -           |             |             |             |             |             |             |                        | -           |             |       | _ |
|        | FY 10    | · -  | 13          | 0              | 13             |             |             |  |             |  |             |             |             | A                  |             |             |             |             |             |             |             |             |             |             |             | 2           | 3                      | 3           | 5           | 0     | Τ |
|        |          |  |             |                |                |             |             |  |             |  |             |             |             |                    |             |             |             |             |             |             |             |             |             |             |             |             |                        |             | <del></del> |       |   |
|        |          |  |             |                |                |             |             |  |             |  |             |             |             |                    |             |             |             |             |             |             |             |             |             |             |             |             |                        |             |             |       |   |
|        |          |  |             |                |                |             |             |  |             |  |             |             |             |                    |             |             |             |             |             |             |             |             |             |             |             |             |                        |             |             |       |   |
|        |          | <u> </u>   |             |                |                |             |             | <u> </u>   |             |  |             |             |             |                    | <u> </u>    |             |             |             |             |             |             |             |             |             |             |             | igsquare               |             | <u> </u>    |       |   |
|        |          |  | <u> </u>    |                |                |             |             |  |             | <b></b>  |             |             |             |                    |             |             |             |             |             |             |             |             |             |             |             |             | igsquare               |             |             |       | - |
|        |          | ļ  | <u> </u>    |                |                |             |             | <u> </u>   |             |  |             |             |             |                    |             |             |             |             |             |             |             |             |             |             |             |             | igsquare               |             | <u> </u>    |       | - |
|        |          |  | <b></b>     |                |                |             |             | <u> </u>   |             |  |             |             |             |                    | <u> </u>    |             |             |             |             |             |             |             |             |             |             |             | $\vdash$               |             |             |       | - |
|        |          |  |             |                |                |             |             |  |             |  |             |             |             |                    | -           |             |             |             |             |             |             |             |             |             |             |             | $\vdash \vdash \vdash$ |             |             |       | - |
|        |          |  |             |                |                |             |             |  |             |  |             |             | <u> </u>    |                    |             |             |             |             |             |             |             |             |             |             |             |             | $\vdash \vdash \vdash$ |             |             |       | 1 |
|        |          |  | +           |                |                |             |             | <del>                                     </del> |             |  |             |             | 1           |                    |             |             |             |             |             |             |             |             |             |             |             |             | $\vdash \vdash \vdash$ |             |             |       | 1 |
|        |          | <del>                                     </del> | $\vdash$    |                |                |             |             |  |             |  |             |             |             |                    |             |             |             |             |             |             |             |             |             |             |             |             | $\vdash \vdash \vdash$ |             |             |       | 1 |
|        |          |  | +           |                |                |             |             |  |             |  |             |             |             |                    |             |             |             |             |             |             |             |             |             |             |             |             |                        |             |             |       | 1 |
| Tot    | al       |  |             |                | 13             |             |             |  |             |  |             |             |             |                    |             |             |             |             |             |             |             |             |             |             |             | 2           | 3                      | 3           | 5           |       | 1 |
|        |          |  |             |                |                | О           | N           | D  | J           | F  | M           | A           | M           | J                  | J           | A           | S           | О           | N           | D           | J           | F           | M           | A           | M           | J           | J                      | A           | S           |       | 1 |
|        |          |  |             |                |                | C<br>T      | O<br>V      | E<br>C   | A<br>N      | E<br>B   | A<br>R      | P<br>R      | A<br>Y      |                    | U<br>L      | U<br>G      | E<br>P      | C<br>T      | O<br>V      | E<br>C      | A<br>N      | E<br>B      | A<br>R      | P<br>R      | A<br>Y      | U<br>N      | U<br>L                 | U<br>G      | E<br>P      |       |   |
|        |          |  |             |                |                |             | ı           |  |             |  | ·           |             |             |                    |             |             |             | ·           |             |             |             | ·           |             |             |             |             |                        |             |             |       | 4 |
|        |          |  |             |                |                |             |             |  |             |  |             |             |             |                    |             | 1           |             |             |             | 1 .         |             |             |             |             | I           |             |                        |             |             |       |   |
| M      |          |  |             |                |                |             |             | PRODU  | ICTION 1    | RATES  | 4_          |             |             |                    |             |             | DMIN I      |             |             |             | MFR         |             | TOTA        |             | REMA        | .RKS        |                        |             |             |       |   |
| F      |          |  | N.          | . T 4:         |                |             |             | MIN  | 105         | MAN  |             | hed N       | _           | 242.4              |             | Pric        | or 1 Oct    |             | r 1 Oct     | Aft         | er 1 Oct    |             | After 1     |             |             |             |                        |             |             |       |   |
| R      | +        | *xxxtomax  | , York, PA  | e - Locati     | on             |             | Г           | MIN<br>1   | 1-8-5       | MAX<br>20  | D-          | +           | -           | nitial             |             |             | 0           |             | 9           |             | 12          |             | 21          |             |             |             |                        |             |             |       |   |
| 1      | DAES     | ystems,  | 1 OIK, PA   | 1              |                |             |             | 1  | 10          | 20   |             |             | _           | Reorder            |             |             | 0           |             | 9           |             | 12          |             | 21          |             |             |             |                        |             |             |       |   |
|        |          |  |             |                |                |             |             | $\rightarrow$                                    |             |  |             |             | -           | nitial             |             |             |             |             |             |             |             |             |             |             |             |             |                        |             |             |       |   |
|        | 1        |  |             |                |                |             |             | $\rightarrow$                                    |             |  | 1           | _           | _           | Reorder<br>nitial  |             |             |             |             |             |             |             |             |             |             | -           |             |                        |             |             |       |   |
|        | +        |  |             |                |                |             | _           | $\dashv$   |             | <del>                                     </del> | +           | -           | -           | Reorder            |             |             |             | 1           |             |             |             |             |             |             | 1           |             |                        |             |             |       |   |
|        | +        |  |             |                |                |             | _           | $\dashv$   |             | <del>                                     </del> | +           |             |             | nitial             |             |             |             | 1           |             |             |             |             |             |             | 1           |             |                        |             |             |       |   |
|        | +        |  |             |                |                |             |             | -+   |             | <del>                                     </del> |             |             | -           | Reorder            |             |             |             | 1           |             |             |             |             |             |             | 1           |             |                        |             |             |       |   |
|        | 1        |  |             |                |                |             |             | -+   |             |  |             |             | -+          | nitial             |             |             |             |             |             |             |             |             |             |             | 1           |             |                        |             |             |       |   |
|        | <u> </u> |  |             |                |                |             |             | -+   |             |  |             |             | -           | Reorder            |             |             |             |             |             |             |             |             |             |             | 1           |             |                        |             |             |       |   |

| Exhibit P-40, Budget Item .   | Justification Sheet |             |                      |                                   | Date:       | Ion 2000   |
|---|---------------------|-------------|----------------------|-----------------------------------|-------------|------------|
| Appropriation / Budget Activity / Seria<br>Procurement of W&TCV, Army / 1 / 7 |                     |             | P-1 Item Nomencla    | ature<br>D RECOVERY VEHICLE (M88A | <b>-</b>    | Iay 2009   |
| Program Elements for Code B Items:  | Code:               | Other Relat | ed Program Elements: |                                   |             |            |
|   | Prior Years         | FY 2008     | FY 2009              | FY 2010                           | To Complete | Total Prog |
| Proc Qty  | 359                 | 11          | 120                  | 12                                |             | 607        |
| Gross Cost  | 952.6               | 281.        | 369.1                | 96.8                              |             | 1700.0     |
| Less PY Adv Proc  |                     |             |                      |                                   |             |            |
| Plus CY Adv Proc  |                     |             |                      |                                   |             |            |
| Net Proc P1   | 952.6               | 281.        | 369.1                | 96.8                              |             | 1700.0     |
| Initial Spares  |                     |             |                      |                                   |             |            |
| Total Proc Cost   | 952.6               | 281.        | 369.1                | 96.8                              |             | 1700.0     |
| Flyaway U/C   |                     |             |                      |                                   |             |            |
| Weapon System Proc U/C  | 2.7                 | 2.          | 3.1                  | 8.1                               |             | 16.2       |

The M88A2 Heavy Equipment Recovery Combat Utility Lift and Evacuation System (HERCULES), is an armored, full tracked, diesel-powered, recovery vehicle based on M88A1 chassis and configured with an A-frame boom, three winches and an upgraded spade. The boom has a 35-ton lift capacity and the main winch has a constant pull capacity of 70 tons. The hull is armored for protection against small arms fire, artillery fragments and anti-personnel mines. The vehicle mounts a 50 caliber machine gun for self-protection. The M88A2 HERCULES is the only single-recovery vehicle capable of performing recovery, evacuation and limited repair of the Abrams main battle tank.

#### Justification:

FY10 procures a total of 12 M88A2 HERCULES utilizing the existing M88A1 chassis as the base vehicle and incorporating the new engine, auxiliary winch, constant pull main recovery winch, new hoist/boom, a new final drive and new brake, track and suspension systems increasing the horsepower, brake/steering, winch, lift and suspension characteristics which will allow the safe recovery of Abrams tanks and other 70 ton combat vehicles. Fulfills the Heavy Brigade Combat Team (HBCT) Army's Campaign Plan modularity objectives. The fielded M88A1 lacks the necessary horsepower and braking to safely support the recovery of the Abrams fleet. Improvements incorporated into HERCULES fix these operation shortcomings. In addition, the increased winching and lifting capability accommodates all Abrams variants including the 70 ton M1A2 System Enhancement Program (SEP) tank. Without the improvements incorporated in the M88A2 HERCULES, units must use two recovery vehicles to perform the spectrum of recovery missions.

FY10 Base dollars of \$96.814 million will procure 12 M88A2 HERCULES and Operational Block Improvements for production cut-in vehicles plus operational enhancements for nine brigades.

| Active         | QTY<br>Gross Cost | 78             | FY2009<br>115<br>\$355.910 | 9            |
|----------------|-------------------|----------------|----------------------------|--------------|
| National Guard | QTY<br>Gross Cost | 38<br>\$92.400 | 0                          | 1<br>\$9.608 |

| Exhibit     | P-40, Budget Item Ju            | stification S             | Sheet         |                   |  |                        | Date:              | May 2009 |
|-------------|---------------------------------|---------------------------|---------------|-------------------|--|------------------------|--------------------|----------|
| Appropriati | on / Budget Activity / Serial N | O:<br>ked combat vehicles |               |                   | P-1 Item Nomenclature<br>IMPROVED RECO | OVERY VEHICLE (M88A2 F | HERCULES) (GA0570) |          |
| Program Ele | ments for Code B Items:         |                           | Code:         | Other Related Pro | ogram Elements:                        |                        |                    |          |
| Reserve     | QTY<br>Gross Cost               | 5<br>\$13.200             | 2<br>\$13.200 | ·                 |  |                        |                    |          |
|             |                                 |                           |               |                   |  |                        |                    |          |
|             |                                 |                           |               |                   |  |                        |                    |          |
|             |                                 |                           |               |                   |  |                        |                    |          |
|             |                                 |                           |               |                   |  |                        |                    |          |
|             |                                 |                           |               |                   |  |                        |                    |          |
|             |                                 |                           |               |                   |  |                        |                    |          |
|             |                                 |                           |               |                   |  |                        |                    |          |
|             |                                 |                           |               |                   |  |                        |                    |          |
|             |                                 |                           |               |                   |  |                        |                    |          |
|             |                                 |                           |               |                   |  |                        |                    |          |
|             |                                 |                           |               |                   |  |                        |                    |          |
|             |                                 |                           |               |                   |  |                        |                    |          |

| Exhibit P-5, Weapon WTCV Cost Analysis | Appropriation/Budget Activity/Serial No:<br>Procurement of W&TCV, Army / 1 / Tractivehicles | ked com |            | OVED REC | menclature:<br>COVERY VEHIC | LE (M88A2 HER | CULES) | Weapon System | m Type:    | Date: | May 2009  |
|--|---|---------|------------|----------|-----------------------------|---------------|--------|---------------|------------|-------|-----------|
| WTCV                                   |   | ID      |            | FY 08    |                             |               | FY 09  |               |            | FY 10 |           |
| Cost Elemen                            | ts  | CD      | Total Cost | Qty      | Unit Cost                   | Total Cost    | Qty    | Unit Cost     | Total Cost | Qty   | Unit Cost |
|  |   |         | \$000      | Each     | \$000                       | \$000         | Each   | \$000         | \$000      | Each  | \$000     |
| Vehicle Manufacturing - Contractor     |   | A       | 226401     | 116      | 1952                        | 278188        | 120    | 2318          | 33146      | 12    | 2762      |
| Vehicle Manufacturing - GFE            |   |         | 9590       |          |                             | 17075         |        |               | 1806       | ;     |           |
| Engine Re-Power                        |   |         |            |          |                             | 3860          |        |               |            |       |           |
| Improved Production Rate Capabilities  |   |         | 1000       |          |                             |               |        |               |            |       |           |
| Engine Repower Facility Vehicle        |   |         |            |          |                             |               |        |               | 2000       |       |           |
| Manufacturing - TAGS                   |   |         | 4608       |          |                             |               |        |               |            |       |           |
| Contractor Engineering                 |   |         | 23038      |          |                             | 33550         |        |               | 15361      |       |           |
| Engineering Change Orders              |   |         | 1292       |          |                             | 1241          |        |               | 339        |       |           |
| Program Management -Core               |   |         | 1700       |          |                             | 3368          |        |               | 2496       |       |           |
| Project Management - OGA               |   |         | 1438       |          |                             | 1983          |        |               | 1464       |       |           |
| Transportation                         |   |         | 1462       |          |                             | 3785          |        |               | 2907       |       |           |
| Fielding (TPF & NET)                   |   |         | 1129       |          |                             | 2511          |        |               | 1437       |       |           |
| Testing                                |   |         | 2000       |          |                             | 5089          |        |               | 4000       |       |           |
| Depot Maintenance - Premodification    |   |         | 7866       |          |                             | 13477         |        |               | 1175       |       |           |
| Operational Block Improvements         |   |         |            |          |                             | 4983          |        |               | 30683      |       |           |
| Total:                                 |   |         | 281524     |          |                             | 369110        |        |               | 96814      |       |           |

| Exhibit P-5a, Budget Procurement  | <b>History and Planning</b> |                                |  |             |                           |              |                    | ate:<br>Iay 2009       | )                      |                      |
|---|-----------------------------|--------------------------------|--|-------------|---------------------------|--------------|--------------------|------------------------|------------------------|----------------------|
| Appropriation/Budget Activity/Serial No: Procurement of W&TCV, Army/ 1/ Tracked combat vehicles | Weapon System Type:         |                                | Nomenclature:<br>RECOVERY VEHICLE (M88 | A2 HERCULES | S) (GA0570)               |              |                    |                        |                        |                      |
| WBS Cost Elements:  | Contractor and Location     | Contract<br>Method and<br>Type | Location of PCO                        | Award Date  | Date of First<br>Delivery | QTY<br>Units | Unit Cost<br>\$000 | Specs<br>Avail<br>Now? | Date<br>Revsn<br>Avail | RFP<br>Issue<br>Date |
| Vehicle Manufacturing - Contractor  |                             |                                |  |             |                           |              |                    |                        |                        |                      |
| FY 2008   | BAE Systems<br>York, PA     | SS-FFP                         | TACOM                                  | Jan 08      | Mar 09                    | 116          | 1952               | YES                    |                        | Nov 07               |
| FY 2009   | BAE Systems<br>York, PA     | SS-FFP                         | TACOM                                  | Mar 09      | Mar 10                    | 120          | 2318               | YES                    |                        | Nov 08               |
| FY 2010   | BAE Systems<br>York, PA     | SS-FFP                         | TACOM                                  | Jan 10      | Jan 11                    | 12           | 2762               | YES                    |                        | Nov 09               |

REMARKS:

|        |       | I      | F <b>Y</b> 09 / | 10 BU          | J <b>DGE</b> | ΓPRO        | ODU         | CTIO        | N SC        | HEDU        | LE          |             |             | P-1 ITEN<br>IMPROV |             |             |             | CLE (M      | 88A2 HI     | ERCUL       | ES) (GA     | .0570)      | Dat         | e:          | May 20      | 009         |             |             |             |  |   |
|--------|-------|--------|-----------------|----------------|--------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|--------------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|--|---|
|        | C     | OST    | ELEM            | IENTS          | 5            |             |             |             |             |             | Fiscal '    | Year 09     | <u>.</u>    |                    |             |             |             |             |             |             |             |             | Fiscal Y    | ear 10      | )           |             |             |             |             |  |   |
| М      |       | S<br>E | PROC<br>QTY     | ACCEP<br>PRIOR | BAL<br>DUE   |             |             |             |             |             |             |             |             | Calenda            | r Year 0    | 19          |             |             |             |             |             |             |             | Caler       | ıdar Yea    | r 10        |             |             |             |  |   |
| F<br>R | FY    | R<br>V | Units           |                | AS OF        | O<br>C      | N<br>O      | D<br>E      | J<br>A      | F<br>E      | M<br>A      | A<br>P      | M<br>A      | J<br>U             | J<br>U      | A<br>U      | S<br>E      | O<br>C      | N<br>O      | D<br>E      | J<br>A      | F<br>E      | M<br>A      | A<br>P      | M<br>A      | J<br>U      | J<br>U      | A<br>U      | S<br>E      | T atau                                       |   |
|        |       |        |                 |                | 1001         | T           | V           | C           | N           | В           | R           | R           | Y           | N                  | Ĺ           | Ğ           | P           | T           | V           | C           | N           | В           | R           | R           | Y           | N           | Ĺ           | G           | P           | Later  |   |
| _      |       | 1      | ring - Cor      |                | ı            | 1           | 1           | 1           | 1           | 1           |             |             |             | ı                  |             |             |             |             |             |             | 1           |             | 1           |             | 1           |             |             | 1           |             |  | _ |
|        | FY 08 | A      | 116             | 0              |              |             |             |             |             |             | 10          | 10          | 10          | 10                 | 10          | 10          | 10          | 10          | 9           | 9           | 9           | 9           |             |             |             |             |             |             |             | 0  |   |
|        | FY 09 | A      | 120             |                |              |             |             |             |             |             | A           |             |             |                    |             |             |             |             |             |             |             |             | 9           | 9           | 10          | 10          | 10          | 10          | 10          |  |   |
| 1      | FY 10 | A      | 12              | 0              | 12           |             |             |             |             |             |             |             |             |                    |             |             |             |             |             |             | A           |             |             |             |             |             |             |             |             | 12   |   |
|        |       |        |                 |                |              |             |             |             |             |             |             |             |             |                    |             |             |             |             |             |             |             |             |             |             |             |             |             |             |             |  |   |
|        |       |        |                 |                |              |             |             |             |             |             |             |             |             |                    |             |             |             |             |             |             |             |             |             |             |             |             |             |             |             |  |   |
|        |       |        |                 |                |              |             |             |             |             |             |             |             |             |                    |             |             |             |             |             |             |             |             |             |             |             |             |             |             |             |  |   |
|        |       |        |                 |                |              |             |             |             |             |             |             |             |             |                    |             |             |             |             |             |             |             |             |             |             |             |             |             |             |             |  |   |
|        |       |        |                 |                |              |             |             |             |             |             |             |             |             |                    |             |             |             |             |             |             |             |             |             |             |             |             |             |             |             |  |   |
|        |       |        |                 |                |              |             |             |             |             | 1           |             |             |             |                    |             |             |             |             |             |             |             |             |             |             |             |             |             |             |             |  |   |
|        |       |        |                 |                |              |             |             |             |             |             |             |             |             |                    |             |             |             |             |             |             |             |             |             |             |             |             |             |             |             |  |   |
|        |       |        |                 |                |              |             |             |             |             |             |             |             |             |                    |             |             |             |             |             |             |             |             |             |             |             |             |             |             |             |  |   |
|        |       |        |                 |                |              |             |             |             |             |             |             |             |             |                    |             |             |             |             |             |             |             |             |             |             |             |             |             |             |             |  |   |
|        |       |        |                 |                |              |             |             |             |             |             |             |             |             |                    |             |             |             |             |             |             |             |             |             |             |             |             |             |             |             |  |   |
| Tot    | al    |        |                 |                | 248          |             |             |             |             |             | 10          | 10          | 10          | 10                 | 10          | 10          | 10          | 10          | 9           | 9           | 9           | 9           | 9           | 9           | 10          | 10          | 10          | 10          | 10          | 64   |   |
|        |       |        | •               |                |              | O<br>C<br>T | N<br>O<br>V | D<br>E<br>C | J<br>A<br>N | F<br>E<br>B | M<br>A<br>R | A<br>P<br>R | M<br>A<br>Y | J<br>U<br>N        | J<br>U<br>L | A<br>U<br>G | S<br>E<br>P | O<br>C<br>T | N<br>O<br>V | D<br>E<br>C | J<br>A<br>N | F<br>E<br>B | M<br>A<br>R | A<br>P<br>R | M<br>A<br>Y | J<br>U<br>N | J<br>U<br>L | A<br>U<br>G | S<br>E<br>P |  |   |
|        |       |        |                 |                |              | 1           | l v         |             | IN .        | Б           | K           | K           | 1           | 14                 | L           | G           | 1           |             | ·           |             | 11          | ь           | K           | K           | 1           | 14          | L           | G           | -           | <u>                                     </u> |   |
| M      |       |        |                 |                |              |             |             | PRODU       | ICTION :    | RATES       |             |             |             |                    |             | A           | DMIN I      | EAD T       | IME         |             | MFR         |             | TOTA        | AL          | REMA        | RKS         |             |             |             |  | ٦ |
| F      |       |        |                 |                |              |             |             |             |             |             | Reac        | hed M       | FR          |                    |             | Pric        | or 1 Oct    | After       | r 1 Oct     | Aft         | ter 1 Oct   |             | After 1     | Oct         | Produc      | tion rate   | s stated    | are mont    | hly vs.     | yearly.                                      |   |
| R      |       |        | Nam             | ne - Locati    | on           |             | 1           | MIN         | 1-8-5       | MAX         | D-          | + :         | Ini         | ial                |             |             | 0           |             | 4           |             | 14          |             | 18          |             |             |             |             |             |             |  |   |
| 1      | BAE S | ystems | , York, PA      | A              |              |             |             | 1           | 6           | 12          | 2           |             | Re          | order              |             |             | 0           |             | 4           |             | 12          |             | 16          |             |             |             |             |             |             |  |   |
|        |       |        |                 |                |              |             |             |             |             |             |             |             | Ini         | ial                |             |             |             |             |             |             |             |             |             |             |             |             |             |             |             |  |   |
|        |       |        |                 |                |              |             |             |             |             |             |             |             | Re          | order              |             |             |             |             |             |             |             |             |             |             |             |             |             |             |             |  |   |
|        |       |        |                 |                |              |             |             |             |             |             |             |             | Ini         | ial                |             |             |             |             |             |             |             |             |             |             |             |             |             |             |             |  |   |
|        |       |        |                 |                |              |             |             |             |             |             |             |             | Re          | order              |             |             |             |             |             |             |             |             |             |             |             |             |             |             |             |  |   |
|        |       |        |                 |                |              |             |             |             |             |             |             |             | Ini         | ial                |             |             |             |             |             |             |             |             |             |             |             |             |             |             |             |  |   |
|        |       |        |                 |                |              |             |             |             |             |             |             |             | Re          | order              |             |             |             |             |             |             |             |             |             |             |             |             |             |             |             |  |   |
|        |       |        |                 |                |              |             |             |             |             |             |             |             | Ini         | ial                |             |             |             |             |             |             |             |             |             |             |             |             |             |             |             |  |   |
|        | Ì     |        |                 |                |              |             |             |             |             |             |             |             | Re          | order              |             |             |             | 1           |             |             |             |             |             |             |             |             |             |             |             |  |   |

|        |          |         | FY 11 / 12 BUDGET PRODUCTION SCHEDULE  P-1 ITEM IMPROVE  ST ELEMENTS  Fiscal Year 11 |             |              |          |        |                   |        |        |          |         |        |         |   |        |             |             |         |        |           |        |          |        |          |           |          |             |         |         |   |
|--------|----------|---------|--|-------------|--------------|----------|--------|-------------------|--------|--------|----------|---------|--------|---------|---|--------|-------------|-------------|---------|--------|-----------|--------|----------|--------|----------|-----------|----------|-------------|---------|---------|---|
|        |          | F       | FY 11 /  | 12 BU       | J <b>DGE</b> | Γ PR(    | ODUC   | CTIO              | N SCI  | HEDU   | LE       |         |        |         |   |        |             | CLE (M      | 88A2 H  | ERCUL  | ES) (GA   | .0570) | Dat      | te:    | May 20   | 009       |          |             |         |         |   |
|        | C        | OST     | ELEM   | IENTS       | }            |          |        |                   |        |        | Fiscal Y | Year 11 | l      |         |   |        |             |             |         |        |           |        | Fiscal Y | ear 12 | 2        |           |          |             |         |         |   |
|        |          | S       | PROC   | ACCEP       | BAL          |          |        |                   |        |        |          |         |        | Calenda | r Year 1  | 1      |             |             |         |        |           |        |          | Caler  | ıdar Yea | r 12      |          |             |         |         |   |
| M<br>F | FY       | E<br>R  | QTY<br>Units   | PRIOR<br>TO | DUE<br>AS OF | 0        | N      | D                 | J      | F      | M        | A       | M      | J       | J   | A      | S           | 0           | N       | D      | J         | F      | M        | A      | M        | J         | J        | A           | S       |         |   |
| R      |          | V       |  | 1 OCT       | 1 OCT        | C<br>T   | O<br>V | E<br>C            | A<br>N | E<br>B | A<br>R   | P<br>R  | A<br>Y | U<br>N  | J<br>U<br>L   | U<br>G | S<br>E<br>P | O<br>C<br>T | O<br>V  | E<br>C | A<br>N    | E<br>B | A<br>R   | P<br>R | A<br>Y   | U<br>N    | U<br>L   | A<br>U<br>G | E<br>P  | Later   |   |
| Vel    | nicle Ma | nufactu | ring - Cor   | ntractor    |              |          |        |                   |        |        |          |         |        |         |   |        |             |             |         |        |           |        |          |        |          |           |          |             |         |         |   |
| 1      | FY 08    | A       | 116  | 116         |              |          |        |                   |        |        |          |         |        |         |   |        |             |             |         |        |           |        |          |        |          |           |          |             |         | 0       |   |
| 1      | FY 09    | A       | 120  | 68          | 52           | 11       | 11     | 10                | 10     | 10     |          |         |        |         |   |        |             |             |         |        |           |        |          |        |          |           |          |             |         | 0       |   |
| 1      | FY 10    | A       | 12   | 0           | 12           |          |        |                   | 1      | 1      | 1        | 1       |        | 1 1     | 1   | 1      | 1           | 1           | 1       | 1      |           |        |          |        |          |           |          |             |         | 0       |   |
|        |          |         |  |             |              |          |        |                   |        |        |          |         |        |         |   |        |             |             |         |        |           |        |          |        |          |           |          |             |         |         |   |
|        |          |         |  |             |              |          |        |                   |        |        |          |         |        |         |   |        |             |             |         |        |           |        |          |        |          |           |          |             |         |         |   |
|        |          |         |  |             |              |          |        | L                 |        |        |          |         |        |         |   |        |             |             |         |        |           |        |          |        |          |           |          |             |         |         |   |
|        |          |         |  |             |              |          |        |                   |        |        |          |         |        |         |   |        |             |             |         |        |           |        |          |        |          |           |          |             |         |         |   |
|        |          |         |  |             |              |          |        | <u> </u>          |        |        |          |         |        |         | <u> </u>  |        |             |             |         |        |           |        |          |        |          |           |          |             |         |         |   |
|        |          |         |  |             |              |          |        |                   |        |        |          |         |        |         |   |        |             |             |         |        |           |        |          |        |          |           |          |             |         |         |   |
|        |          |         |  |             |              |          |        |                   |        |        |          |         |        |         | $\vdash \!$ |        |             |             |         |        |           |        |          |        |          |           |          |             |         |         |   |
|        |          |         |  |             |              |          |        |                   |        |        |          |         |        |         | $\vdash$  |        |             |             |         |        |           |        |          |        |          |           |          |             |         |         |   |
|        |          |         |  |             |              |          |        |                   |        |        |          |         |        |         | $\vdash \vdash \vdash$  |        |             |             |         |        |           |        |          |        |          |           |          |             |         |         |   |
|        |          |         |  |             |              | $\vdash$ |        |                   |        |        |          |         |        |         | $\vdash$  |        |             |             |         |        |           |        |          |        |          |           |          |             |         |         |   |
| Tot    | al       |         |  |             | 64           | 11       | 11     | 10                | 11     | 11     | 1        | 1       | 1      | 1       | 1   | 1      | 1           | 1           | 1       | 1      |           |        |          |        |          |           |          |             |         |         |   |
|        |          |         |  | I.          |              | 0        | N      | D                 | J      | F      | M        | A       | M      | J       | J   | A<br>U | S           | 0           | N       | D      | J         | F      | M        | A      | M        | J         | J        | A           | S       |         |   |
|        |          |         |  |             |              | C<br>T   | O<br>V | E<br>C            | A<br>N | E<br>B | A<br>R   | P<br>R  | A<br>Y | U<br>N  | U<br>L  | G<br>G | E<br>P      | C<br>T      | O<br>V  | E<br>C | A<br>N    | E<br>B | A<br>R   | P<br>R | A<br>Y   | U<br>N    | U<br>L   | U<br>G      | E<br>P  |         |   |
|        |          |         |  |             |              |          |        |                   |        |        |          |         |        |         |   |        |             |             |         |        |           |        |          |        |          |           |          |             |         |         |   |
| M      |          |         |  |             |              |          | ]      | PRODU             | CTION  | RATES  |          |         |        |         |   | A      | DMIN I      | EAD T       | IME     |        | MFR       |        | TOTA     | AL.    | REMA     |           |          |             |         |         | ٦ |
| F      |          |         |  |             |              |          |        |                   |        |        | Reach    | hed M   | FR     |         |   | Prio   | or 1 Oct    | After       | r 1 Oct | Aft    | ter 1 Oct |        | After 1  | Oct    | Produc   | tion rate | s stated | are mon     | hly vs. | yearly. |   |
| R      |          |         | Nam  | ne - Locati | on           |          | N      | MIN               | 1-8-5  | MAX    | D+       | -       | 1 In   | tial    |   |        | 0           |             | 4       |        | 14        |        | 18       |        |          |           |          |             |         |         |   |
| 1      | BAE S    | ystems. | , York, PA   | 4           |              |          |        | 1                 | 6      | 12     | 2        |         | Re     | order   |   |        | 0           |             | 4       |        | 12        |        | 16       |        |          |           |          |             |         |         |   |
|        |          |         |  |             |              |          |        |                   |        |        |          |         | In     | tial    |   |        |             |             |         |        |           |        |          |        |          |           |          |             |         |         |   |
|        |          |         |  |             |              |          |        |                   |        |        |          |         | Re     | order   |   |        |             |             |         |        |           |        |          |        |          |           |          |             |         |         |   |
|        | 1        |         |  |             |              |          |        |                   |        |        |          |         | In     | tial    |   |        |             |             |         |        |           |        |          |        | 1        |           |          |             |         |         |   |
|        |          |         |  |             |              |          |        |                   |        |        |          |         | _      | order   |   |        |             |             |         |        |           |        |          |        |          |           |          |             |         |         |   |
|        | 1        |         |  |             |              |          |        | $\longrightarrow$ |        |        |          |         | _      | tial    |   |        |             | 1           |         |        |           |        |          |        | 1        |           |          |             |         |         |   |
|        | -        |         |  |             |              |          |        | $\longrightarrow$ |        |        |          |         | _      | order   |   |        |             |             |         |        |           |        |          |        | _        |           |          |             |         |         |   |
|        |          |         |  |             |              |          |        |                   |        |        |          |         | -      | tial    |   |        |             |             |         |        |           |        |          |        | 4        |           |          |             |         |         |   |
|        | 1        |         |  |             |              |          |        | 1                 |        |        |          |         | Re     | order   |   |        |             | 1           |         | 1      |           |        |          |        | 1        |           |          |             |         |         |   |

|        |          | F  | FY 13 /     | 14 BU          | J <b>DGE</b> T | ΓPRO        | ODUC        | CTIO        | N SCI       | HEDU        | LE          |             |             | P-1 ITEN    |             |             |             | CLE (M      | 88A2 H      | ERCUL       | ES) (GA     | .0570)      | Dat         | te:         | May 20      | 009         |             |             |  |         |   |
|--------|----------|--|-------------|----------------|----------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|--|---------|---|
|        | C        | OST  | ELEM        | IENTS          |                |             |             |             |             |             | Fiscal `    | Year 13     | 3           |             |             |             |             |             |             |             |             |             | Fiscal Y    | ear 14      | 1           |             |             |             |  |         |   |
| М      |          | S<br>E   | PROC<br>QTY | ACCEP<br>PRIOR | BAL<br>DUE     |             |             |             |             |             |             |             |             | Calenda     | ar Year 1   | 13          |             |             |             |             |             |             |             | Caler       | ndar Yea    | ar 14       |             |             |  |         |   |
| F<br>R | FY       | R<br>V   | Units       | TO<br>1 OCT    | AS OF<br>1 OCT | O<br>C<br>T | N<br>O<br>V | D<br>E<br>C | J<br>A<br>N | F<br>E<br>B | M<br>A<br>R | A<br>P<br>R | M<br>A<br>Y | J<br>U<br>N | J<br>U<br>L | A<br>U<br>G | S<br>E<br>P | O<br>C<br>T | N<br>O<br>V | D<br>E<br>C | J<br>A<br>N | F<br>E<br>B | M<br>A<br>R | A<br>P<br>R | M<br>A<br>Y | J<br>U<br>N | J<br>U<br>L | A<br>U<br>G | S<br>E<br>P                                      | Later   |   |
| Ve     | nicle Ma | nufactu  | ring - Cor  | ntractor       |                |             |             | 1           |             |             |             |             | 1           |             |             |             |             |             |             |             |             |             | l           | l           | ı           | l           |             | l           | -  | I       | _ |
| 1      | FY 08    | A  | 116         | 116            |                |             |             |             |             |             |             |             |             |             |             |             |             |             |             |             |             |             |             |             |             |             |             |             |  | 0       | Γ |
| 1      | FY 09    | A  | 120         | 120            |                |             |             |             |             |             |             |             |             |             |             |             |             |             |             |             |             |             |             |             |             |             |             |             |  | 0       |   |
| 1      | FY 10    | A  | 12          | 12             |                |             |             |             |             |             |             |             |             |             |             |             |             |             |             |             |             |             |             |             |             |             |             |             |  | 0       |   |
|        |          |  |             |                |                |             |             |             |             |             |             |             |             |             |             |             |             |             |             |             |             |             |             |             |             |             |             |             |  |         |   |
|        |          |  |             |                |                |             |             |             |             |             |             |             |             |             |             |             |             |             |             |             |             |             |             |             |             |             |             |             |  |         |   |
|        |          |  |             |                |                |             |             |             |             |             |             |             |             |             |             |             |             |             |             |             |             |             |             |             |             |             |             |             | <u> </u>   |         |   |
|        |          | <del>                                     </del> |             |                |                |             |             |             |             |             |             |             |             |             | <u> </u>    |             |             |             |             |             |             |             |             |             |             |             |             |             | <u> </u>   |         | ] |
|        |          |  |             |                |                |             |             |             |             |             |             |             |             |             | <u> </u>    |             |             |             |             |             |             |             |             |             |             |             |             |             | <u> </u>   |         | 1 |
|        |          |  |             |                |                |             |             |             |             |             |             |             |             |             | ļ           |             |             |             |             |             |             |             |             |             |             |             |             |             | —  |         | 4 |
|        |          |  |             |                |                |             |             |             |             |             |             |             |             |             | <b> </b>    |             |             |             |             |             |             |             |             |             |             |             |             |             | ├──  |         | 1 |
|        |          |  |             |                |                |             |             |             |             |             |             |             |             |             |             |             |             |             |             |             |             |             |             |             |             |             |             |             | <del></del>                                      |         | ł |
|        |          |  |             |                |                |             |             |             |             |             |             |             |             |             |             |             |             |             |             |             |             |             |             |             |             |             |             |             | $\vdash \vdash$                                  |         | 1 |
|        |          |  |             |                |                |             |             |             |             |             |             |             |             |             | +           |             |             |             |             |             |             |             |             |             |             |             |             |             | <del>                                     </del> |         | 1 |
| Tot    | al       |  |             |                |                |             |             |             |             |             |             |             |             |             |             |             |             |             |             |             |             |             |             |             |             |             |             |             | <u> </u>   |         | i |
|        |          |  |             | l              |                | 0           | N           | D           | J           | F           | M           | A           | M           | J           | J           | A           | S           | О           | N           | D           | J           | F           | M           | A           | M           | J           | J           | A           | S  |         | i |
|        |          |  |             |                |                | C<br>T      | O<br>V      | E<br>C      | A<br>N      | E<br>B      | A<br>R      | P<br>R      | A<br>Y      | U<br>N      | U<br>L      | U<br>G      | E<br>P      | C<br>T      | O<br>V      | E<br>C      | A<br>N      | E<br>B      | A<br>R      | P<br>R      | A<br>Y      | U<br>N      | U<br>L      | U<br>G      | E<br>P   |         |   |
|        |          |  |             |                |                | •           |             |             | -,          | 2           |             |             |             |             |             |             | - 1         |             | , ,         |             | -,          |             |             |             |             | ,           |             |             |  |         | J |
|        |          |  |             |                |                |             |             |             |             |             |             |             |             |             |             |             |             |             |             |             |             |             |             |             |             |             |             |             |  |         |   |
| M      |          |  |             |                |                |             | 1           | PRODU       | CTION       | RATES       |             |             |             |             |             | Α           | DMIN I      | LEAD T      | IME         |             | MFR         |             | TOTA        | AL          | REMA        |             | 1           |             | .1.1   |         |   |
| F      |          |  |             |                |                |             |             |             |             |             | Reac        | hed M       | FR          |             |             | Prio        | or 1 Oct    | Afte        | r 1 Oct     | Aft         | er 1 Oct    |             | After 1     | Oct         | Produc      | tion rate   | s stated    | are mon     | my vs.   | yeariy. |   |
| R      | +        |  |             | e - Locati     | on             |             | N           | MIN         | 1-8-5       | MAX         | D-          |             | 1 Ir        | itial       |             |             | 0           |             | 4           |             | 14          |             | 18          |             |             |             |             |             |  |         |   |
| 1      | BAE S    | ystems.  | , York, PA  | 4              |                |             |             | 1           | 6           | 12          | 2           |             | R           | eorder      |             |             | 0           |             | 4           |             | 12          |             | 16          |             |             |             |             |             |  |         |   |
|        |          |  |             |                |                |             |             |             |             |             |             |             | Ir          | itial       |             |             |             |             |             |             |             |             |             |             |             |             |             |             |  |         |   |
|        |          |  |             |                |                |             |             |             |             |             |             |             |             | eorder      |             |             |             |             |             |             |             |             |             |             |             |             |             |             |  |         |   |
|        |          |  |             |                |                |             |             |             |             |             |             |             | Ir          | itial       |             |             |             |             |             |             |             |             |             |             |             |             |             |             |  |         |   |
|        |          |  |             |                |                |             |             |             |             |             |             |             |             | eorder      |             |             |             | 1           |             |             |             |             |             |             | 4           |             |             |             |  |         |   |
|        | 1        |  |             |                |                |             |             |             |             |             | $\perp$     |             | -           | itial       |             |             |             |             |             |             |             |             |             |             | 4           |             |             |             |  |         |   |
|        | 1        |  |             |                |                |             |             |             |             |             | -           |             |             | eorder      |             |             |             | 1           |             |             |             |             |             |             | 4           |             |             |             |  |         |   |
|        |          |  |             |                |                |             |             |             |             |             | -           |             | -           | itial       |             |             |             | 1           |             |             |             |             |             |             | 4           |             |             |             |  |         |   |
|        |          |  |             |                |                |             |             |             |             | 1           | 1           |             | R           | eorder      |             |             |             |             |             | 1           |             |             |             |             |             |             |             |             |  |         |   |

| Exhibit P-40, Budget Item   | Justification S | heet  |               |                            |                                      | Date:       | 2000       |
|---|-----------------|-------|---------------|----------------------------|--------------------------------------|-------------|------------|
|   |                 |       |               |                            |                                      | Ma          | y 2009     |
| Appropriation / Budget Activity / Seria<br>Procurement of W&TCV, Army / 1 / |                 |       |               | P-1 Item Nomencl<br>ARMORE | ature<br>D BREACHER VEHICLE (G82925) | )           |            |
| Program Elements for Code B Items:  |                 | Code: | Other Related | Program Elements:          |                                      |             |            |
|   | Prior Years     |       | FY 2008       | FY 2009                    | FY 2010                              | To Complete | Total Prog |
| Proc Qty  |                 |       | 10            |                            | 13                                   |             | 23         |
| Gross Cost  |                 |       | 44.8          |                            | 63.3                                 |             | 108.1      |
| Less PY Adv Proc  |                 |       |               |                            |                                      |             |            |
| Plus CY Adv Proc  |                 |       |               |                            |                                      |             |            |
| Net Proc P1   |                 |       | 44.8          |                            | 63.3                                 |             | 108.1      |
| Initial Spares  |                 |       |               |                            |                                      |             |            |
| Total Proc Cost   |                 |       | 44.8          |                            | 63.3                                 |             | 108.1      |
| Flyaway U/C   |                 |       |               |                            |                                      |             |            |
| Weapon System Proc U/C  |                 |       | 4.5           |                            | 4.9                                  |             | 9.3        |

The Assault Breacher Vehicle (ABV) is a joint program with the United States Marine Corps (lead service). It is a tracked combat engineer vehicle for the Marine Air Ground Task Force & Army Heavy Brigade Combat Team (HBCT). The ABV will be assigned to engineer companies in HBCTs. The ABV will provide crew protection and vehicle survivability while having the speed and mobility to keep pace with the maneuver force. Major components of this system include a removable Full-Width Mine Plow (FWMP), 2nd Combat Dozer Blade (CDB), two linear demolition charges (LDC), a lane-marking system, and weapon station integration on a modified M1A1 tank hull.

AAO ABV: 183

#### Justification:

FY10 Base procurement dollars in the amount of \$63.250 million procures 13 Assault Breacher Vehicles to support the Active Army unit requirements. The Army currently does not have the capabilities provided by the ABV. The ABV provides the Army and the Marine Corps tracked armored capability to breach minefields, complex obstacles providing in-stride breaching and lane marking capability in HBCTs. It will fill the requirement to clear a lane of sufficient width and depth for the assault forces and will be operated by a two-man crew.

The ABV is critical to the Army's plans for a modular, brigade-based force structure.

| Active         | QTY<br>Gross Cost | FY2008<br>10<br>\$44.846 | FY2009 | FY2010<br>6<br>\$27.390 |
|----------------|-------------------|--------------------------|--------|-------------------------|
| National Guard | QTY<br>Gross Cost |                          |        | 7<br>\$35.860           |

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| Exhibit P-5, Weapon WTCV Cost Analysis | Appropriation/Budget Activity/Serial No:<br>Procurement of W&TCV, Army / 1 / Trac<br>vehicles | ked com |            |       | menclature:<br>EACHER VEHICI | LE (G82925) |       | Weapon Syste | m Type:    | Date: | May 2009  |
|--|---|---------|------------|-------|------------------------------|-------------|-------|--------------|------------|-------|-----------|
| WTCV                                   |   | ID      |            | FY 08 |                              |             | FY 09 |              |            | FY 10 |           |
| Cost Elemen                            | ts  | CD      | Total Cost | Qty   | Unit Cost                    | Total Cost  | Qty   | Unit Cost    | Total Cost | Qty   | Unit Cost |
|  |   |         | \$000      | Each  | \$000                        | \$000       | Each  | \$000        | \$000      | Each  | \$000     |
| Hardware                               |   |         | 4027       | 0 10  | 4027                         |             |       |              | 5235       | 1 13  | 402       |
| Fielding Support                       |   |         | 139        | 0     |                              |             |       |              | 376        | 1     |           |
| Program Support                        |   |         | 35         | 0     |                              |             |       |              | 1286       | 6     |           |
| Logistics Products                     |   |         | 130        | 0     |                              |             |       |              | 2064       | 4     |           |
| Matrix Support                         |   |         | 110        | 0     |                              |             |       |              | 1336       | 6     |           |
| Transportation                         |   |         | 10         | 0     |                              |             |       |              | 1236       | 6     |           |
| ECP's                                  |   |         |            |       |                              |             |       |              | 36         | 1     |           |
| Training                               |   |         | 33         | 6     |                              |             |       |              | 855        | 5     |           |
|  |   |         |            |       |                              |             |       |              |            |       |           |
| Total:                                 |   |         | 4484       | 6     |                              |             |       |              | 63250      | 0     |           |

| Exhibit P-5a, Budget Procurement  | <b>History and Planning</b>         |                                |   |            |                           |             |                    | 0ate:<br>1ay 2009      | ,                      |                      |
|---|-------------------------------------|--------------------------------|---|------------|---------------------------|-------------|--------------------|------------------------|------------------------|----------------------|
| Appropriation/Budget Activity/Serial No: Procurement of W&TCV, Army/ 1/ Tracked combat vehicles | Weapon System Type:                 |                                | Nomenclature:<br>BREACHER VEHICLE (G829 | 25)        |                           |             |                    |                        |                        |                      |
| WBS Cost Elements:  | Contractor and Location             | Contract<br>Method and<br>Type | Location of PCO                         | Award Date | Date of First<br>Delivery | QTY<br>Each | Unit Cost<br>\$000 | Specs<br>Avail<br>Now? | Date<br>Revsn<br>Avail | RFF<br>Issue<br>Date |
| Hardware  |                                     |                                |   |            |                           |             |                    |                        |                        |                      |
| FY 2008   | Anniston Army Depot<br>Anniston, AL | MIPR                           | Quantico, VA                            | Feb 08     | Apr 09                    | 10          | 4027               | N/A                    | N/A                    | N/A                  |
| FY 2010   | Anniston Army Depot<br>Anniston, AL | MIPR                           | Quantico, VA                            | Dec 09     | May 11                    | 13          | 4027               | N/A                    | N/A                    | N/A                  |

REMARKS: The ABV is managed by the Marine Corps Systems Command. Numerous subsystems are purchased through USMC contracts until Army contracts can be put in place. Transition to Army management is planned for FY10.

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|        |        | I       | FY 09 /     | 10 BU          | JDGE'          | ΓPRO        | ODUC        | CTIO        | N SCI       | HEDU          | LE          |             |             | P-1 ITEN<br>ARMOR |             |             |             | LE (G8      | 2925)       |             |             |             | Dat         | te:         | May 20      | 009         |             |             |             |       |   |
|--------|--------|---------|-------------|----------------|----------------|-------------|-------------|-------------|-------------|---------------|-------------|-------------|-------------|-------------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------|---|
|        | C      | OST     | ELEM        | IENTS          |                |             |             |             |             |               | Fiscal Y    | Year 0      | )           |                   |             |             |             |             |             |             |             |             | Fiscal Y    | ear 10      | )           |             |             |             |             |       |   |
| M      |        | S<br>E  | PROC<br>QTY | ACCEP<br>PRIOR | BAL<br>DUE     |             |             |             |             |               |             |             |             | Calenda           | ır Year 0   | 9           | [           |             |             |             |             |             |             | Caler       | ndar Yea    | ar 10       |             |             |             | -     |   |
| F<br>R | FY     | R<br>V  | Each        | TO<br>1 OCT    | AS OF<br>1 OCT | O<br>C<br>T | N<br>O<br>V | D<br>E<br>C | J<br>A<br>N | F<br>E<br>B   | M<br>A<br>R | A<br>P<br>R | M<br>A<br>Y | J<br>U<br>N       | J<br>U<br>L | A<br>U<br>G | S<br>E<br>P | O<br>C<br>T | N<br>O<br>V | D<br>E<br>C | J<br>A<br>N | F<br>E<br>B | M<br>A<br>R | A<br>P<br>R | M<br>A<br>Y | J<br>U<br>N | J<br>U<br>L | A<br>U<br>G | S<br>E<br>P | Later |   |
| Hai    | dware  |         |             |                |                | 1           |             |             | IN          | ь             | K           | K           | 1           | IN                | L           | - 0         | Г           | 1           | v           | C           | IN          | ь           | K           | K           | 1           | IN          |             | G           | Г           |       |   |
| _      | FY 08  | Α       | 10          | 0              | 10             |             |             |             |             |               |             | 2           |             | 1 1               | 1           | 1           | 1           | 1           | 1           | 1           |             |             |             |             |             |             |             |             |             | 0     | Τ |
| _      | FY 10  | A       | 13          |                |                |             |             |             | + 1         |               |             |             |             |                   |             |             |             |             |             | A           |             |             |             |             |             |             |             |             |             | 13    |   |
|        |        |         |             |                |                |             |             |             | + 1         |               |             |             |             |                   |             |             |             |             |             |             |             |             |             |             |             |             |             |             |             |       | - |
|        |        |         |             |                |                |             |             |             |             |               |             |             |             |                   |             |             |             |             |             |             |             |             |             |             |             |             |             |             |             |       | 1 |
|        |        |         |             |                |                |             |             |             |             |               |             |             |             |                   |             |             |             |             |             |             |             |             |             |             |             |             |             |             |             |       | 1 |
|        |        |         |             |                |                |             |             |             |             |               |             |             |             |                   |             |             |             |             |             |             |             |             |             |             |             |             |             |             |             |       | 1 |
|        |        |         |             |                |                |             |             |             |             |               |             |             |             |                   |             |             |             |             |             |             |             |             |             |             |             |             |             |             |             |       |   |
|        |        |         |             |                |                |             |             |             |             |               |             |             |             |                   |             |             |             |             |             |             |             |             |             |             |             |             |             |             |             |       |   |
|        |        |         |             |                |                |             |             |             |             |               |             |             |             |                   |             |             |             |             |             |             |             |             |             |             |             |             |             |             |             |       |   |
|        |        |         |             |                |                |             |             | <u> </u>    |             |               |             |             |             |                   |             |             |             |             |             |             |             |             |             |             |             |             | <u> </u>    |             |             |       |   |
|        |        |         |             |                |                |             |             | <u> </u>    |             |               |             |             |             |                   |             |             |             |             |             |             |             |             |             |             |             |             | <u> </u>    |             |             |       |   |
|        |        |         |             |                |                |             |             |             |             | igsquare      |             |             |             |                   |             |             |             |             |             |             |             |             |             |             |             |             |             |             |             |       |   |
|        |        |         |             |                |                |             |             | <u> </u>    |             |               |             |             |             |                   |             |             |             |             |             |             |             |             |             |             |             |             | <u> </u>    |             |             |       | 1 |
|        |        |         |             |                |                |             |             |             |             | $\longmapsto$ |             |             |             |                   |             |             |             |             |             |             |             |             |             |             |             |             | <u> </u>    |             |             |       | - |
| Tot    | al     |         |             |                | 23             | _           |             |             | <u> </u>    | <u> </u>      |             | 2           | 1           | 1                 | 1           | 1           | 1           | 1           | 1           | 1           | _           |             |             |             |             |             | <u> </u>    |             |             | 13    | 4 |
|        |        |         |             |                |                | O<br>C<br>T | N<br>O<br>V | D<br>E<br>C | J<br>A<br>N | F<br>E<br>B   | M<br>A<br>R | A<br>P<br>R | M<br>A<br>Y | J<br>U<br>N       | J<br>U<br>L | A<br>U<br>G | S<br>E<br>P | O<br>C<br>T | N<br>O<br>V | D<br>E<br>C | J<br>A<br>N | F<br>E<br>B | M<br>A<br>R | A<br>P<br>R | M<br>A<br>Y | J<br>U<br>N | J<br>U<br>L | A<br>U<br>G | S<br>E<br>P |       |   |
|        |        |         |             |                |                |             |             |             |             |               |             |             |             |                   |             |             |             |             |             |             |             |             |             |             |             |             |             |             |             |       |   |
| M      |        |         |             |                |                |             | ]           | PRODU       | ICTION I    | RATES         |             |             |             |                   |             | Α           | DMIN I      | EAD T       | IME         |             | MFR         |             | TOTA        | AL          | REMA        |             |             |             |             |       |   |
| F      |        |         |             |                |                |             |             |             |             |               | Reac        | hed M       | FR          |                   |             | Pric        | or 1 Oct    | After       | r 1 Oct     | Aft         | ter 1 Oct   |             | After 1     | Oct         | ANAD        |             | on lead ti  | me 1s 14    | months      | s at  |   |
| R      |        |         | Nam         | e - Locati     | on             |             | N           | MIN         | 1-8-5       | MAX           | D-          | -           | 1 In        | itial             |             |             | 0           |             | 5           |             | 14          |             | 19          |             |             |             |             |             |             |       |   |
| 1      | Annist | ton Arm | y Depot,    | Anniston,      | AL             |             |             | 1           | 12          | 36            |             |             | R           | eorder            |             |             | 0           |             | 3           |             | 14          |             | 17          |             |             |             |             |             |             |       |   |
|        |        |         |             |                |                |             |             |             |             |               |             |             | In          | itial             |             |             |             |             |             |             |             |             |             |             |             |             |             |             |             |       |   |
|        |        |         |             |                |                |             |             |             |             |               |             |             | R           | eorder            |             |             |             |             |             |             |             |             |             |             |             |             |             |             |             |       |   |
|        |        |         |             |                |                |             |             |             |             | <u> </u>      |             |             | In          | itial             |             |             |             | 1           |             |             |             |             |             |             |             |             |             |             |             |       |   |
|        |        |         |             |                |                |             |             |             |             |               |             |             | R           | eorder            |             |             |             | 1           |             |             |             |             |             |             |             |             |             |             |             |       |   |
|        |        |         |             |                |                |             |             |             |             |               |             |             | In          | itial             |             |             |             |             |             |             |             |             |             |             |             |             |             |             |             |       |   |
|        |        |         |             |                |                |             |             |             |             |               |             |             | R           | eorder            |             |             |             |             |             |             |             |             |             |             |             |             |             |             |             |       |   |
|        |        |         |             |                |                |             |             |             |             | <u> </u>      |             |             | In          | itial             |             |             |             | 1           |             |             |             |             |             |             |             |             |             |             |             |       |   |
|        |        |         |             |                |                |             |             |             |             | 1             | 1           |             | R           | eorder            |             |             |             | 1           |             | 1           |             |             |             |             | 1           |             |             |             |             |       |   |

|        |        | I      | FY 11 /     | 12 BU          | JDGE'          | ΓPRO        | ODUC        | CTIO        | N SCI       | HEDU        | ILE         |             |             | P-1 ITEN<br>ARMOR |             |             |             | CLE (G8     | 32925)      |             |             |             | Dat         | te:         | May 20      | 009            |             |             |             |       |   |
|--------|--------|--------|-------------|----------------|----------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|----------------|-------------|-------------|-------------|-------|---|
|        | C      | OST    | ELEM        | IENTS          |                |             |             |             |             |             | Fiscal `    | Year 1      | 1           | •                 |             |             |             |             |             |             |             |             | Fiscal Y    | ear 12      | 2           |                |             |             |             |       | 1 |
| M      |        | S<br>E | PROC<br>QTY | ACCEP<br>PRIOR | BAL<br>DUE     |             |             |             |             |             |             |             |             | Calenda           | r Year 1    | 1           |             |             |             |             |             |             |             | Calen       | ndar Yea    | ar 12          |             |             |             |       |   |
| F<br>R | FY     | R<br>V | Each        | TO<br>1 OCT    | AS OF<br>1 OCT | O<br>C<br>T | N<br>O<br>V | D<br>E<br>C | J<br>A<br>N | F<br>E<br>B | M<br>A<br>R | A<br>P<br>R | M<br>A<br>Y | U                 | J<br>U<br>L | A<br>U<br>G | S<br>E<br>P | O<br>C<br>T | N<br>O<br>V | D<br>E<br>C | J<br>A<br>N | F<br>E<br>B | M<br>A<br>R | A<br>P<br>R | M<br>A<br>Y | J<br>U<br>N    | J<br>U<br>L | A<br>U<br>G | S<br>E<br>P | Later |   |
| Har    | dware  |        |             |                |                |             |             |             |             |             |             |             |             |                   |             |             |             |             |             | -           |             |             |             |             |             |                |             |             |             |       | _ |
| - 1    | FY 08  | A      | 10          | 10             |                |             |             |             |             |             |             |             |             |                   |             |             |             |             |             |             |             |             |             |             |             |                |             |             |             | 0     | Τ |
| -      | FY 10  | Α      | 13          | 0              | 13             |             |             |             |             |             |             |             |             | 1 1               | 1           | 1           | 1           | 1           | 1           | 1           | 1           | 1           | 1           | 2           |             |                |             |             |             | 0     | , |
|        |        |        |             |                |                |             |             |             |             |             |             |             |             |                   |             |             |             |             |             |             |             |             |             |             |             |                |             |             |             |       | - |
|        |        |        |             |                |                |             |             |             |             |             |             |             |             |                   |             |             |             |             |             |             |             |             |             |             |             |                |             |             |             |       | 1 |
|        |        |        |             |                |                |             |             |             |             |             |             |             |             |                   |             |             |             |             |             |             |             |             |             |             |             |                |             |             |             |       | 1 |
|        |        |        |             |                |                |             |             |             |             |             |             |             |             |                   |             |             |             |             |             |             |             |             |             |             |             |                |             |             |             |       | 1 |
|        |        |        |             |                |                |             |             |             |             |             |             |             |             |                   |             |             |             |             |             |             |             |             |             |             |             |                |             |             | 1           |       |   |
|        |        |        |             |                |                |             |             |             |             |             |             |             |             |                   |             |             |             |             |             |             |             |             |             |             |             |                |             | 1           |             |       |   |
|        |        |        |             |                |                |             |             |             |             |             |             |             |             |                   |             |             |             |             |             |             |             |             |             |             |             |                |             |             |             |       |   |
|        |        |        |             |                |                |             |             |             |             |             |             |             |             |                   |             |             |             |             |             |             |             |             |             |             |             |                |             |             |             |       |   |
|        |        |        |             |                |                |             |             |             |             |             |             |             |             |                   |             |             |             |             |             |             |             |             |             |             |             |                |             |             |             |       |   |
|        |        |        |             |                |                |             |             |             |             |             |             |             |             |                   |             |             |             |             |             |             |             |             |             |             |             |                |             |             |             |       |   |
|        |        |        |             |                |                |             |             |             |             |             |             |             |             |                   |             |             |             |             |             |             |             |             |             |             |             |                |             |             |             |       |   |
|        |        |        |             |                |                |             |             |             |             |             |             |             |             |                   |             |             |             |             |             |             |             |             |             |             |             |                |             |             |             |       |   |
| Tot    | al     |        |             |                | 13             |             |             |             |             |             |             |             | 1           | -                 | 1           | 1           | 1           | 1           | 1           | 1           | 1           | 1           | 1           | 2           |             |                |             |             |             |       |   |
|        |        |        |             |                |                | O<br>C<br>T | N<br>O<br>V | D<br>E<br>C | J<br>A<br>N | F<br>E<br>B | M<br>A<br>R | A<br>P<br>R | M<br>A<br>Y | U                 | J<br>U<br>L | A<br>U<br>G | S<br>E<br>P | O<br>C<br>T | N<br>O<br>V | D<br>E<br>C | J<br>A<br>N | F<br>E<br>B | M<br>A<br>R | A<br>P<br>R | M<br>A<br>Y | J<br>U<br>N    | J<br>U<br>L | A<br>U<br>G | S<br>E<br>P |       |   |
|        |        |        |             |                |                |             |             |             |             |             |             |             |             |                   |             |             |             |             |             |             |             |             |             |             |             |                |             |             |             |       | • |
| M      |        |        |             |                |                |             | 1           | PRODU       | ICTION I    | RATES       |             |             |             |                   |             | Α           | DMIN I      | LEAD T      | IME         |             | MFR         |             | TOTA        | AL          | REMA        |                |             |             |             |       |   |
| F      |        |        |             |                |                |             |             |             |             |             | Reac        | hed M       | IFR         |                   |             | Prie        | or 1 Oct    | Afte        | r 1 Oct     | Aft         | er 1 Oct    |             | After 1     | Oct         | ABV p       | roductio<br>). | n lead ti   | me 1s 14    | months      | s at  |   |
| R      |        |        | Nam         | e - Locati     | on             |             | N           | MIN         | 1-8-5       | MAX         | D-          | +           | 1 I         | nitial            |             |             | 0           |             | 5           |             | 14          |             | 19          |             |             |                |             |             |             |       |   |
| 1      | Annist | on Arm | y Depot,    | Anniston,      | AL             |             |             | 1           | 12          | 36          |             |             | F           | Reorder           |             |             | 0           |             | 3           |             | 14          |             | 17          |             |             |                |             |             |             |       |   |
|        |        |        |             |                |                |             |             |             |             |             |             | I           | nitial      |                   |             |             |             |             |             |             |             |             |             |             |             |                |             |             |             |       |   |
|        |        |        |             |                |                |             |             |             |             |             |             | F           | Reorder     |                   |             |             |             |             |             |             |             |             |             |             |             |                |             |             |             |       |   |
|        |        |        |             |                |                |             |             |             |             |             |             |             | I           | nitial            |             |             |             |             |             |             |             |             |             |             |             |                |             |             |             |       |   |
|        |        |        |             |                |                |             |             |             | F           | Reorder     |             |             |             |                   |             |             |             |             |             |             |             |             |             |             |             |                |             |             |             |       |   |
|        |        |        |             |                |                |             |             |             |             |             |             |             | I           | nitial            |             |             |             |             |             |             |             |             |             |             |             |                |             |             |             |       |   |
|        |        |        |             | -              |                |             |             |             |             |             |             |             | F           | Reorder           |             |             |             |             |             |             |             |             |             |             |             |                |             |             |             |       |   |
|        |        |        |             | -              |                |             |             |             |             |             |             |             | I           | nitial            |             |             |             |             |             |             |             |             |             |             |             |                |             |             |             |       |   |
|        | 1      |        |             |                |                |             |             |             |             |             |             | 1           | F           | Reorder           |             |             |             |             |             |             |             |             |             |             |             |                |             |             |             |       |   |

| Exhibit P-40, Budget Item   | Justification Sheet |             |                                |                                | Date:       | Iay 2009   |
|---|---------------------|-------------|--------------------------------|--------------------------------|-------------|------------|
| Appropriation / Budget Activity / Seria<br>Procurement of W&TCV, Army / 1 / |                     |             | P-1 Item Nomencla<br>JOINT ASS | ature<br>SAULT BRIDGE (GZ3001) |             |            |
| Program Elements for Code B Items:  | Code:               | Other Relat | ed Program Elements:           |                                |             |            |
|   | Prior Years         | FY 2008     | FY 2009                        | FY 2010                        | To Complete | Total Prog |
| Proc Qty  | 6                   |             | 11                             | 22                             |             | 39         |
| Gross Cost  | 34.8                | 10.3        | 3 40.3                         | 70.6                           |             | 156.1      |
| Less PY Adv Proc  |                     |             |                                |                                |             |            |
| Plus CY Adv Proc  |                     |             |                                |                                |             |            |
| Net Proc P1   | 34.8                | 10.3        | 3 40.3                         | 70.6                           |             | 156.1      |
| Initial Spares  |                     |             |                                |                                |             |            |
| Total Proc Cost   | 34.8                | 10.3        | 3 40.3                         | 70.6                           |             | 156.1      |
| Flyaway U/C   |                     |             |                                |                                |             |            |
| Weapon System Proc U/C  | 5.8                 |             | 3.7                            | 3.2                            |             | 12.7       |

The Joint Assault Bridge (JAB)is a joint program with the United States Marine Corps (lead service). It entails installing Hydraulic Bridge Launcher (HBL) hardware, modified from the British Army Titan bridging vehicle, on an M1A1 hull to launch and recover the existing Armored Vehicle Launched Bridge (AVLB) scissor bridge. The JAB replaces the existing M48/M60 chassis of the AVLB with the M1A1 chassis to provide a supportable, survivable system capable of keeping pace on the battle field with the Abrams and Bradley equipped forces it supports. JAB will be assigned to combat engineer Mobility Augmentation Companies (MAC). As an aid to assist with institutional training, simulators will be procured in FY09.

AAO JAB: 168

#### Justification:

FY10 Base procurement dollars in the amount of \$70.637 million procures 22 Joint Assault Bridges. The JAB is required to provide the Marine Air Ground Task Force and Army Heavy Brigade Combat Team with a survivable, deployable and sustainable 18.3 Meter wet/dry gap crossing capability to replace the aging AVLB system in the Mobility Augmentation Companies. The JAB is critical to the Army's plans for a modular, brigade-based force structure.

| Active         | QTY<br>Gross Cost | FY2008   | FY2009<br>11<br>\$40.345 | FY2010<br>4<br>\$15.176 |
|----------------|-------------------|----------|--------------------------|-------------------------|
| National Guard | QTY<br>Gross Cost | \$10.313 |                          | 6<br>\$19.800           |
| Reserve        | QTY<br>Gross Cost |          |                          | 12<br>\$35.661          |

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| Exhibit P-5, Weapon WTCV Cost Analysis | Appropriation/Budget Activity/Serial No:<br>Procurement of W&TCV, Army / 1 / Trac<br>vehicles | ked com |            |       | menclature:<br>T BRIDGE (GZ30 | 001)       |       | Weapon Syster | n Type:    | Date: | May 2009  |
|--|---|---------|------------|-------|-------------------------------|------------|-------|---------------|------------|-------|-----------|
| WTCV                                   |   | ID      |            | FY 08 |                               |            | FY 09 |               |            | FY 10 |           |
| Cost Elemen                            | ts  | CD      | Total Cost | Qty   | Unit Cost                     | Total Cost | Qty   | Unit Cost     | Total Cost | Qty   | Unit Cost |
|  |   |         | \$000      | Each  | \$000                         | \$000      | Each  | \$000         | \$000      | Each  | \$000     |
| Hardware                               |   |         |            |       |                               | 37100      | 11    | 3373          | 61380      | 22    | 2790      |
| Fielding Support                       |   |         |            |       |                               |            |       |               | 2000       | )     |           |
| Logistics Products                     |   |         | 2893       |       |                               | 350        |       |               | 520        | )     |           |
| Matrix Support                         |   |         | 1120       |       |                               | 570        |       |               | 2000       | )     |           |
| Program Support                        |   |         | 1050       |       |                               | 775        |       |               | 757        | 7     |           |
| Transportation                         |   |         |            |       |                               | 100        |       |               | 400        | )     |           |
| ECPs                                   |   |         | 500        |       |                               | 350        |       |               | 750        | )     |           |
| Simulators                             |   |         |            |       |                               | 1100       |       |               |            |       |           |
| Bridge Upgrades                        |   |         | 4750       |       |                               |            |       |               | 2830       |       |           |
| Total:                                 |   |         | 10313      |       |                               | 40345      |       |               | 70637      | ,     |           |

| Exhibit P-5a, Budget Procurement  | History and Planning                      |                                |                                      |            |                           |             |                    | Oate:<br>Aay 2009      | )                      |                      |
|---|---|--------------------------------|--------------------------------------|------------|---------------------------|-------------|--------------------|------------------------|------------------------|----------------------|
| Appropriation/Budget Activity/Serial No: Procurement of W&TCV, Army/ 1/ Tracked combat vehicles | Weapon System Type:                       |                                | Nomenclature:<br>ULT BRIDGE (GZ3001) |            |                           |             |                    |                        |                        |                      |
| WBS Cost Elements:  | Contractor and Location                   | Contract<br>Method and<br>Type | Location of PCO                      | Award Date | Date of First<br>Delivery | QTY<br>Each | Unit Cost<br>\$000 | Specs<br>Avail<br>Now? | Date<br>Revsn<br>Avail | RFP<br>Issue<br>Date |
| Hardware  |   |                                |                                      |            |                           |             |                    |                        |                        |                      |
| FY 2009   | BAE Systems Land Systems<br>Newcastle, UK | MIPR                           | Quantico, VA                         | Nov 09     | Nov 10                    | 11          | 3373               | N/A                    | N/A                    | N/A                  |
| FY 2010   | BAE Systems Land Systems<br>Newcastle, UK | MIPR                           | Quantico, VA                         | Jan 10     | Feb 11                    | 22          | 2790               | N/A                    | N/A                    | N/A                  |

REMARKS: This system is managed by the Marine Corps Systems Command. Launcher hardware will be procured through their contracting office through FY10. Integration of the launcher mechanism, M1A1 hull, and bridge will be performed by Anniston Army Depot. Beginning FY11, TACOM plans to award a competitive Hydraulic Bridge Launcher contract to meet Army and USMC needs through FY16. Hardware will be delivered to ANAD for both Army and USMC requirements. USMC will provide funds to TACOM via MIPR to fulfill their requirements.

|        |        |        |             | 9 / 10 BUDGET PRODUCTION SCHEDULE P-1 ITEM NOMENCLATURE JOINT ASSAULT BRIDGE (GZ |                |             |             |             |             |             |             |             |             |         |             |             |             |             |             |             |             |             |             |             |             |             |             |             |             |       |   |
|--------|--------|--------|-------------|--|----------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|---------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------|---|
|        |        | F      | FY 09 /     | 10 BU  | JDGE'          | T PR(       | ODUC        | CTIO        | N SCI       | HEDU        | LE          |             |             |         |             |             |             | 3001)       |             |             |             |             | Dat         |             | May 20      | 009         |             |             |             |       |   |
|        | C      | OST    | ELEM        | IENTS  |                |             |             |             |             | ]           | Fiscal Y    | ear 09      | )           |         |             |             |             |             |             |             |             |             | Fiscal Y    | ear 10      | )           |             |             |             |             |       |   |
| M      |        | S<br>E | PROC<br>QTY | ACCEP<br>PRIOR   | BAL<br>DUE     |             |             |             |             |             |             |             |             | Calenda | r Year 0    | )9          |             |             |             |             |             |             |             | Calen       | ıdar Yea    | r 10        |             |             |             |       |   |
| F<br>R | FY     | R<br>V | Each        | TO<br>1 OCT  | AS OF<br>1 OCT | O<br>C<br>T | N<br>O<br>V | D<br>E<br>C | J<br>A<br>N | F<br>E<br>B | M<br>A<br>R | A<br>P<br>R | M<br>A<br>Y |         | J<br>U<br>L | A<br>U<br>G | S<br>E<br>P | O<br>C<br>T | N<br>O<br>V | D<br>E<br>C | J<br>A<br>N | F<br>E<br>B | M<br>A<br>R | A<br>P<br>R | M<br>A<br>Y | J<br>U<br>N | J<br>U<br>L | A<br>U<br>G | S<br>E<br>P | Later |   |
| Hai    | rdware |        |             |  |                |             |             |             |             |             |             |             |             |         |             | -           |             |             |             | -           |             |             |             |             |             |             |             |             |             | I     |   |
|        | FY 09  | A      | 11          | 0  | 11             |             |             |             |             |             |             |             |             |         |             |             |             |             | A           |             |             |             |             |             |             |             |             |             |             | 11    | Τ |
| 2      | FY 10  | A      | 22          | 0  | 22             |             |             |             |             |             |             |             |             |         |             |             |             |             |             |             | A           |             |             |             |             |             |             |             |             | 22    |   |
|        |        |        |             |  |                |             |             |             |             |             |             |             |             |         |             |             |             |             |             |             |             |             |             |             |             |             |             |             |             |       |   |
|        |        |        |             |  |                |             |             |             |             |             |             |             |             |         |             |             |             |             |             |             |             |             |             |             |             |             |             |             |             |       |   |
|        |        |        |             |  |                |             |             |             |             |             |             |             |             |         |             |             |             |             |             |             |             |             |             |             |             |             |             |             |             |       | _ |
|        |        |        |             |  |                |             |             |             |             |             |             |             |             |         |             |             |             |             |             |             |             |             |             |             |             |             |             |             |             |       | - |
|        |        |        |             |  |                |             |             |             |             |             |             |             |             |         |             |             |             |             |             |             |             |             |             |             |             |             |             |             |             |       | - |
|        |        |        |             |  |                |             |             |             |             |             |             |             |             |         |             |             |             |             |             |             |             |             |             |             |             |             |             |             |             |       | - |
|        |        |        |             |  |                |             |             |             |             |             |             |             |             |         | $\vdash$    |             |             |             |             |             |             |             |             |             |             |             |             |             |             |       | - |
|        |        |        |             |  |                |             |             |             |             |             |             |             |             |         |             |             |             |             |             |             |             |             |             |             |             |             |             |             |             |       | - |
|        |        |        |             |  |                |             |             |             |             |             |             |             |             |         |             |             |             |             |             |             |             |             |             |             |             |             |             |             |             |       | 1 |
|        |        |        |             |  |                |             |             |             |             |             |             |             |             |         |             |             |             |             |             |             |             |             |             |             |             |             |             |             |             |       | 1 |
|        |        |        |             |  |                |             |             |             |             |             |             |             |             |         |             |             |             |             |             |             |             |             |             |             |             |             |             |             |             |       | 1 |
| Tot    | al     |        |             |  | 33             |             |             |             |             |             |             |             |             |         |             |             |             |             |             |             |             |             |             |             |             |             |             |             |             | 33    |   |
|        |        |        |             |  |                | O<br>C<br>T | N<br>O<br>V | D<br>E<br>C | J<br>A<br>N | F<br>E<br>B | M<br>A<br>R | A<br>P<br>R | M<br>A<br>Y | U       | J<br>U<br>L | A<br>U<br>G | S<br>E<br>P | O<br>C<br>T | N<br>O<br>V | D<br>E<br>C | J<br>A<br>N | F<br>E<br>B | M<br>A<br>R | A<br>P<br>R | M<br>A<br>Y | J<br>U<br>N | J<br>U<br>L | A<br>U<br>G | S<br>E<br>P |       |   |
|        |        |        |             |  |                | 1           |             |             |             | <u> </u>    |             |             |             |         |             |             | Į.          |             |             |             |             |             | ı           | ı           |             |             |             |             |             |       |   |
| M      |        |        |             |  |                |             | ]           | PRODU       | ICTION I    | RATES       |             |             |             |         |             | A           | DMIN L      | EAD T       | IME         |             | MFR         |             | TOTA        | AL          | REMA        | RKS         |             |             |             |       |   |
| F      |        |        |             |  |                |             |             |             |             |             | Reach       | ed M        | FR          |         |             | Pric        | or 1 Oct    | After       | r 1 Oct     | Aft         | er 1 Oct    |             | After 1     | Oct         |             |             |             |             |             |       |   |
| R      |        |        | Nam         | e - Locati   | on             |             | N           | MIN         | 1-8-5       | MAX         | D+          |             | 1 I1        | nitial  |             |             | 0           |             | 14          |             | 12          |             | 26          |             |             |             |             |             |             |       |   |
|        |        |        |             | Anniston,  |                |             |             | 1           | 24          | 36          |             |             | R           | leorder |             |             | 0           |             | 0           |             | 0           |             | 0           |             |             |             |             |             |             |       |   |
| 2      | BAE S  | ystems | Land Sys    | tems, Nev  | vcastle, U     | JK          |             | 1           | 24          | 36          |             | :           | 2 I1        | nitial  |             |             | 0           |             | 4           |             | 13          |             | 17          |             |             |             |             |             |             |       |   |
|        |        |        |             |  |                |             |             |             |             |             |             |             |             | leorder |             |             | 0           |             | 3           |             | 13          |             | 16          |             |             |             |             |             |             |       |   |
|        |        |        |             |  |                |             |             |             |             |             |             |             | _           | nitial  |             |             |             |             |             |             |             |             |             |             |             |             |             |             |             |       |   |
|        |        |        |             |  |                |             |             |             |             |             |             | _           |             | leorder |             |             |             |             |             |             |             | $\perp$     |             |             | 4           |             |             |             |             |       |   |
|        |        |        |             |  |                |             |             |             |             |             |             | _           | -           | nitial  |             |             |             |             |             |             |             | -           |             |             | -           |             |             |             |             |       |   |
|        |        |        |             |  |                |             |             |             |             |             | 1           | +           |             | teorder |             |             |             | 1           |             | -           |             | +           |             |             | -           |             |             |             |             |       |   |
|        |        |        |             |  |                |             |             | +           |             |             | 1           | +           | _           | nitial  |             |             |             | -           |             | -           |             | -           |             |             |             |             |             |             |             |       |   |
| ĺ      | 1      |        |             |  |                |             |             |             |             | 1           | 1           |             | K           | leorder |             | 1           |             | 1           |             | 1           |             | 1           |             |             | 1           |             |             |             |             |       |   |

|        |  | I      | F <b>Y</b> 11 / | 12 BU          | J <b>DGE</b>   | ΓPRO        | ODU         | CTIO        | N SCI       | HEDU        | LE          |             |             | P-1 ITEN<br>JOINT A |             |             |             | 3001)       |             |             |             |             | Dat         | le:         | May 20      | 009         |             |             |             |               |          |
|--------|--|--------|-----------------|----------------|----------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|---------------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|---------------|----------|
|        | C  | OST    | ELEM            | IENTS          | }              |             |             |             |             |             | Fiscal Y    | ear 1       | 1           | •                   |             |             |             |             |             |             |             |             | Fiscal Y    | Year 12     | 2           |             |             |             |             |               |          |
| M      |  | S<br>E | PROC<br>QTY     | ACCEP<br>PRIOR | BAL<br>DUE     |             |             |             |             |             |             |             |             | Calenda             | r Year 1    | 1           |             |             |             |             |             |             |             | Caler       | ndar Yea    | ar 12       |             |             |             |               |          |
| F<br>R | FY   | R<br>V | Each            | TO<br>1 OCT    | AS OF<br>1 OCT | O<br>C<br>T | N<br>O<br>V | D<br>E<br>C | J<br>A<br>N | F<br>E<br>B | M<br>A<br>R | A<br>P<br>R | M<br>A<br>Y |                     | J<br>U<br>L | A<br>U<br>G | S<br>E<br>P | O<br>C<br>T | N<br>O<br>V | D<br>E<br>C | J<br>A<br>N | F<br>E<br>B | M<br>A<br>R | A<br>P<br>R | M<br>A<br>Y | J<br>U<br>N | J<br>U<br>L | A<br>U<br>G | S<br>E<br>P | Later         |          |
| Hai    | rdware   |        |                 | I              | Į              |             |             |             | -,          |             |             |             |             | -,                  |             |             | •           | •           | ,           |             | -,          |             |             |             |             | -,          |             |             |             | Į Į           | <u> </u> |
| _      | FY 09  | A      | 11              | 0              | 11             |             | 3           | 3           | 3           | 2           |             |             |             |                     |             |             |             |             |             |             |             |             |             |             |             |             |             |             |             | 0             | Γ        |
|        | FY 10  | A      | 22              | 0              | 22             |             |             |             |             | 2           | 2           | 2           |             | 2 2                 | 3           | 3           | 3           | 3           |             |             |             |             |             |             |             |             |             |             |             | 0             |          |
|        |  |        |                 |                |                |             |             |             |             |             |             |             |             |                     |             |             |             |             |             |             |             |             |             |             |             |             |             |             |             |               |          |
|        |  |        |                 |                |                |             |             |             |             |             |             |             |             |                     |             |             |             |             |             |             |             |             |             |             |             |             |             |             |             |               | l        |
|        |  |        |                 |                |                |             |             |             |             |             |             |             |             |                     |             |             |             |             |             |             |             |             |             |             |             |             |             |             |             |               | l        |
|        |  |        |                 |                |                |             |             |             |             |             |             |             |             |                     |             |             |             |             |             |             |             |             |             |             |             |             |             |             |             |               | l        |
|        | <del>                                     </del> |        |                 |                |                |             |             |             |             |             |             |             |             |                     |             |             |             |             |             |             |             |             |             |             |             |             |             |             |             |               |          |
|        |  |        |                 |                |                |             |             |             |             |             |             |             |             |                     |             |             |             |             |             |             |             |             |             |             |             |             |             |             |             |               |          |
|        |  |        |                 |                |                |             |             |             |             |             |             |             |             |                     |             |             |             |             |             |             |             |             |             |             |             |             |             |             |             |               |          |
|        |  |        |                 |                |                |             |             |             |             |             |             |             |             |                     |             |             |             |             |             |             |             |             |             |             |             |             |             |             |             |               |          |
|        |  |        |                 |                |                |             |             | <u> </u>    |             |             |             |             |             |                     |             |             |             |             |             |             |             |             |             | <u> </u>    |             |             |             |             |             |               | l        |
|        |  |        |                 |                |                |             |             | <u> </u>    |             |             |             |             |             |                     |             |             |             |             |             |             |             |             |             | <u> </u>    |             |             |             |             |             |               | 1        |
|        |  |        |                 |                |                |             |             | <u> </u>    |             |             |             |             |             |                     |             |             |             |             |             |             |             |             |             | <u> </u>    |             |             |             |             |             |               | 1        |
|        |  |        |                 |                |                |             | _           |             |             |             |             |             |             |                     |             |             |             |             |             |             |             |             |             |             |             |             |             |             |             |               | ł        |
| Tot    | tal  |        |                 |                | 33             |             | 3           | 3           | 3           | 4           | 2           | 2           | 2           |                     | 3           | 3           | 3           | 3           |             |             |             |             |             |             |             |             |             |             |             |               | l        |
|        |  |        |                 |                |                | O<br>C<br>T | N<br>O<br>V | D<br>E<br>C | J<br>A<br>N | F<br>E<br>B | M<br>A<br>R | A<br>P<br>R | M<br>A<br>Y |                     | J<br>U<br>L | A<br>U<br>G | S<br>E<br>P | O<br>C<br>T | N<br>O<br>V | D<br>E<br>C | J<br>A<br>N | F<br>E<br>B | M<br>A<br>R | A<br>P<br>R | M<br>A<br>Y | J<br>U<br>N | J<br>U<br>L | A<br>U<br>G | S<br>E<br>P |               |          |
|        | T  |        |                 |                |                |             | 1           |             |             |             | 1           |             |             |                     |             | <b>.</b>    |             |             |             | 1           |             |             |             |             | 1           |             |             |             |             |               |          |
| M      |  |        |                 |                |                |             |             | PRODU       | ICTION I    | RATES       |             |             |             |                     |             |             | DMIN I      |             |             | -           | MFR         |             | TOTA        |             | REMA        |             | a lead tir  | na ic 13    | months      | at ANAD       | ,        |
| F      |  |        |                 |                |                |             |             |             |             |             |             | ned M       |             |                     |             | Prie        | or 1 Oct    |             | r 1 Oct     | Af          | ter 1 Oct   |             | After 1     |             | JAND PI     | oduction    | i icad tii  | 110 13 13   | months      | at 7 ti v7 tD | ٠,       |
| R      | _  |        |                 | ne - Locati    |                |             | 1           | MIN         | 1-8-5       | MAX         | D+          | _           | -           | nitial              |             |             | 0           | -           | 14          |             | 12          |             | 26          |             |             |             |             |             |             |               |          |
| 1      |  |        |                 | Anniston,      |                |             |             | 1           | 24          | 36          |             | _           |             | leorder             |             |             | 0           | +           | 0           |             | 0           |             | 0           |             |             |             |             |             |             |               |          |
| 2      | BAE Systems Land Systems, Newcastle, UK 1        |        |                 |                |                |             |             |             |             | 36          |             |             | -           | nitial              |             |             | 0           |             | 4           |             | 13          |             | 17          |             |             |             |             |             |             |               |          |
|        | +  |        |                 |                |                |             |             |             |             |             | 1           | _           |             | leorder             |             |             | 0           | 1           | 3           |             | 13          |             | 16          |             | 4           |             |             |             |             |               |          |
|        | 1  |        |                 |                |                |             |             |             |             |             | +           |             | _           | nitial              |             |             |             |             |             |             |             |             |             |             | 4           |             |             |             |             |               |          |
|        |  |        |                 |                |                |             |             |             |             |             | 1           | _           |             | leorder             |             |             |             |             |             |             |             |             |             |             | 4           |             |             |             |             |               |          |
|        |  |        |                 |                |                |             |             |             |             |             | 1           | _           | -           | nitial              |             |             |             |             |             |             |             |             |             |             | 4           |             |             |             |             |               |          |
|        | 1  |        |                 |                |                |             |             |             |             |             | 1           | _           | -           | leorder             |             |             |             |             |             | 1           |             |             |             |             | 4           |             |             |             |             |               |          |
|        | 1  |        |                 |                |                |             |             |             |             |             | 1           | _           | <b>-</b>    | nitial              |             |             |             |             |             | 1           |             |             |             |             | 4           |             |             |             |             |               |          |
|        | 1  |        |                 |                |                |             | 1           |             |             | I           | 1           |             | F           | leorder             |             |             |             | 1           |             | 1           |             |             |             |             |             |             |             |             |             |               |          |

GZ3001 JOINT ASSAULT BRIDGE Item No. 14 Page 5 of 5 81

Exhibit P-21 Production Schedule

| Exhibit P-40, Budget Item   | Justification Sho | eet  |      |        |                                 |                                 | Date:       | ay 2009    |
|---|-------------------|------|------|--------|---------------------------------|---------------------------------|-------------|------------|
| Appropriation / Budget Activity / Seria<br>Procurement of W&TCV, Army / 1 / |                   |      |      |        | P-1 Item Nomencl<br>M1 ABRA     | ature<br>MS TANK (MOD) (GA0700) | 141         | ay 2007    |
| Program Elements for Code B Items:  | Co                | ode: | A    |        | d Program Elements:<br>3735.330 |                                 |             |            |
|   | Prior Years       |      | FY 2 | 2008   | FY 2009                         | FY 2010                         | To Complete | Total Prog |
| Proc Qty  |                   |      |      |        |                                 |                                 |             |            |
| Gross Cost  | 252               | 28.3 |      | 1123.1 | 766.5                           | 183.8                           |             | 4601.7     |
| Less PY Adv Proc  |                   |      |      |        |                                 |                                 |             |            |
| Plus CY Adv Proc  |                   |      |      |        |                                 |                                 |             |            |
| Net Proc P1   | 252               | 28.3 |      | 1123.1 | 766.5                           | 183.8                           |             | 4601.7     |
| Initial Spares  |                   |      |      |        |                                 |                                 |             |            |
| Total Proc Cost   | 252               | 28.3 |      | 1123.1 | 766.5                           | 183.8                           |             | 4601.7     |
| Flyaway U/C   |                   |      |      |        |                                 |                                 |             |            |
| Weapon System Proc U/C  |                   |      |      |        |                                 |                                 |             |            |

The Abrams Tank Fleet Modification Program applies Materiel Developer and Combat Developer approved modifications to the fielded Abrams family of vehicles and the Abrams Integrated Management (AIM) RECAP Program. Unique M1A1 Situational Awareness (SA) improvements include Block I Forward Looking InfraRed (FLIR) and Far Target Locate. Lethality improvements include a Stabilized Commander's Weapon Station (SCWS) for M1A1 and M1A2. Common Abrams modifications include Blue Force Tracking (BFT) which is a digital Command and Control system that gives Army commanders across the battlefield current information about their location relative to friendly forces, Power Train Improvement & Integration Optimization Program (i.e. Total Integrated Engine Revitalization (TIGER) and Transmission Enterprise) which provide more reliability, durability and a single standard for the vehicle's power train. Survivability improvements include Frontal Armor and Turret Side Armor upgrades. Key safety improvements include the loaders tray modification and ammunition rack upgrades.

#### Justification:

FY10 base dollars in the amount of \$183.829 million procures TIGER Engines for both the ARNG and Army units, upgrade system training devices to remain current with the upgraded fleet configuration/capabilities, as well as the field application of Loaders Tray Safety Fixes, Drivers Rear Camera, Tiger Data Memory Module, Profile Verification Program (PVP), Ammunition Rack Upgrades, road arm improvements.

FY10 has no OCO dollars

| Budget Item Justifica            | ation Sheet   |                        |                          | Date:<br>May 2009                                      |   |
|----------------------------------|---|------------------------|--------------------------|--|---|
| ity / Serial No:                 |   | P-1 Item Nomenclatu    | nre                      |  |   |
| V&TCV, Army / 1 / Tracked combat | vehicles  | M1 ABF                 | RAMS TANK (MOD) (GA0700) |  |   |
| Items:                           |   | 1                      | Code:<br>A               | Other Related Program Element<br>0203735.330           | s:  |
|                                  | Fiscal Years  |                        |                          |  |   |
| Classification                   | 2008 & PR   | FY 2009                | FY 2010                  | TC   | Total   |
|                                  | <u> </u>  |                        | 1                        | 1  |   |
|                                  | 750.0   | 0.0                    | 0.0                      | 0.0  | 750.0   |
|                                  |   |                        |                          |  |   |
| Operational                      | 214.7   | 35.4                   | 33.8                     | 0.0  | 283.9   |
| ement (AIM)                      |   |                        |                          |  |   |
| Operational                      | 487.2   | 47.9                   | 0.3                      | 0.0  | 535.4   |
| (DHI)                            |   |                        |                          |  |   |
| Safety                           | 39.1  | 0.0                    | 0.0                      | 0.0  | 39.1  |
|                                  |   |                        |                          |  |   |
| Safety                           | 19.3  | 0.0                    | 0.0                      | 0.0  | 19.3  |
|                                  |   |                        |                          |  |   |
| Operational                      | 41.4  | 0.0                    | 0.0                      | 0.0  | 41.4  |
| ements                           |   |                        |                          |  |   |
| Operational                      | 118.4   | 103.1                  | 0.0                      | 0.0  | 221.5   |
|                                  |   |                        |                          |  |   |
| Operational                      | 471.2   | 27.5                   | 28.1                     | 0.0  | 526.8   |
|                                  |   |                        |                          |  |   |
| Operational                      | 50.2  | 2.3                    | 2.4                      | 0.0  | 54.9  |
| nk Urban Survivability Kit       |   |                        |                          |  |   |
| Operational                      | 785.7   | 378.0                  | 0.0                      | 0.0  | 1163.7  |
| & Integration Optimization       |   |                        |                          |  |   |
| Operational                      | 664.4   | 172.3                  | 93.6                     | 0.0  | 930.3   |
| tegration                        |   |                        |                          |  |   |
| Operational                      | 9.8   | 0.0                    | 0.0                      | 0.0  | 9.8   |
|                                  |   |                        |                          |  |   |
|                                  | 0.0   | 0.0                    | 25.6                     | 0.0  | 25.6  |
|                                  | 3651.4  | 766.5                  | 183.8                    | 0.0  | 4601.7  |
|                                  | ty / Serial No:  V&TCV, Army / 1 / Tracked combat  Items:  Classification  Operational ement (AIM) Operational c (DHI) Safety  Safety  Operational ements Operational Operational  Operational  Ak Urban Survivability Kit Operational & Integration Optimization Operational tegration | Items:    Fiscal Years | P-1                      | P-1   tem Nomenclature   MI ABRAMS TANK (MOD) (GA0700) | P-1   Item Nomen-lature   P-2   Item Nomen-lature   Nay 2009   P-3   Item Nomen-lature   Nay 2009   P-3   Item Nomen-lature   Nay 2009   Nay |

GA0700 M1 ABRAMS TANK (MOD) Item No. 15 Page 2 of 14 83 Exhibit P-40M Budget Item Justification Sheet

Date:

May 2009

MODIFICATION TITLE: Abrams Field Upgrades [MOD 2] 1-97-05-4534

MODELS OF SYSTEM AFFECTED: M1A1 and M1A2 series

#### DESCRIPTION / JUSTIFICATION:

Provides funding for components and labor for required safety related modifications in support of the Abrams family of vehicles. These modifications correct or alleviate operational deficiencies, improve reliability and maintainability, correct faulty performance or quality, reduce logistical support requirements, standardize equipment and training devices, prevent injury or damage to equipment, and meet environmental protection standards identified during testing, training exercises or in combat. The FY10 field modifications include Ammunition Rack Safety Mod (quantity of 180), Total Integrated Engine Revitalization (TIGER) Engine Data Memory Modules (quantity of 130), and roadarm improvements (quantity of 406).

DEVELOPMENT STATUS / MAJOR DEVELOPMENT MILESTONE(S):

Installation Schedule

Inputs Outputs

| Pr Yr  |   | FY 2 | 2009 |   |   | FY 2 | 2010 |   |   | FY 2 | 2011 |   |     | FY 2 | 2012 |     |     | FY 2 | 2013 |   |
|--------|---|------|------|---|---|------|------|---|---|------|------|---|-----|------|------|-----|-----|------|------|---|
| Totals | 1 | 2    | 3    | 4 | 1 | 2    | 3    | 4 | 1 | 2    | 3    | 4 | 1   | 2    | 3    | 4   | 1   | 2    | 3    | 4 |
|        |   |      |      |   |   |      |      |   |   |      |      |   | 179 | 179  | 179  | 179 |     |      |      |   |
|        |   |      |      |   |   |      |      |   |   |      |      |   |     | 179  | 179  | 179 | 179 |      |      |   |

|         |   | FY 2 | 2014 |   |   | FY 2 | 2015 |   |   | FY 2 | 2016 |   |   | FY 2 | 2017 |   | То       | Totals |
|---------|---|------|------|---|---|------|------|---|---|------|------|---|---|------|------|---|----------|--------|
|         | 1 | 2    | 3    | 4 | 1 | 2    | 3    | 4 | 1 | 2    | 3    | 4 | 1 | 2    | 3    | 4 | Complete |        |
| Inputs  |   |      |      |   |   |      |      |   |   |      |      |   |   |      |      |   |          | 716    |
| Outputs |   |      |      |   |   |      |      |   |   |      |      |   |   |      |      |   |          | 716    |

METHOD OF IMPLEMENTATION:

Contractor Teams

ADMINISTRATIVE LEADTIME:

9 months

PRODUCTION LEADTIME: 18 months

Contract Dates:

FY 2010 - Jun 10

FY 2011 -

FY 2012 -

Delivery Dates:

FY 2010 - Dec 11

FY 2011 -

FY 2012 -

## INDIVIDUAL MODIFICATION Date: May 2009

MODIFICATION TITLE (cont): Abrams Field Upgrades [MOD 2] 1-97-05-4534

FINANCIAL PLAN: (\$ in Millions)

|                                 | FY 2  | 800   |     |      |     |      |     |     |     |       |
|---------------------------------|-------|-------|-----|------|-----|------|-----|-----|-----|-------|
|                                 | and I | Prior | 20  | 09   | 20  | 10   | Т   | С   | To  | tal   |
|                                 | Qty   | \$    | Qty | \$   | Qty | \$   | Qty | \$  | Qty | \$    |
| RDT&E                           |       |       |     |      |     |      |     |     |     |       |
| Procurement                     |       |       |     |      |     |      |     |     |     |       |
| Kit Quantity                    |       | 214.7 |     | 35.4 | 716 | 33.8 |     |     | 716 | 283.9 |
| Installation Kits               |       |       |     |      |     |      |     |     |     |       |
| Installation Kits, Nonrecurring |       |       |     |      |     |      |     |     |     |       |
| Equipment                       |       |       |     |      |     |      |     |     |     |       |
| Equipment, Nonrecurring         |       |       |     |      |     |      |     |     |     |       |
| Engineering Change Orders       |       |       |     |      |     |      |     |     |     |       |
| Data                            |       |       |     |      |     |      |     |     |     |       |
| Training Equipment              |       |       |     |      |     |      |     |     |     |       |
| Support Equipment               |       |       |     |      |     |      |     |     |     |       |
| Other                           |       |       |     |      |     |      |     |     |     |       |
| Interim Contractor Support      |       |       |     |      |     |      |     |     |     |       |
| Installation of Hardware        |       |       |     |      |     |      |     |     |     |       |
| FY 2007 & Prior Equip Kits      |       |       |     |      |     |      |     |     |     |       |
| FY 2008 Kits                    |       |       |     |      |     |      |     |     |     |       |
| FY 2009 Equip Kits              |       |       |     |      |     |      |     |     |     |       |
| FY 2010 Equip Kits              |       |       |     |      |     |      |     |     |     |       |
| FY 2011 Equip Kits              |       |       |     |      |     |      |     |     |     |       |
| FY 2012 Equip Kits              |       |       |     |      |     |      |     |     |     |       |
| FY 2013 Equip Kits              |       |       |     |      |     |      |     |     |     |       |
| FY 2014 Equip Kits              |       |       |     |      |     |      |     |     |     |       |
| TC Equip- Kits                  |       |       |     |      |     |      |     |     |     |       |
| Total Installment               | 0     | 0.0   | 0   | 0.0  | 0   | 0.0  | 0   | 0.0 | 0   | 0.0   |
| Total Procurement Cost          |       | 214.7 |     | 35.4 |     | 33.8 |     | 0.0 |     | 283.9 |

Date:

May 2009

MODIFICATION TITLE: Abrams Integrated Management (AIM) [MOD 3] 2-04-05-0009

MODELS OF SYSTEM AFFECTED: M1A1 SA (958)

#### DESCRIPTION / JUSTIFICATION:

This modification will be used for the M1A1 Situational Awareness (SA) "0" time overhaul (Abrams Integrated Management (AIM)) [Depot Overhaul] Program. It includes an upgrade to the ammunition rack, Driver's Viewer Enhancement, Loaders Tray, 2nd Gen FLIR, and enhanced embedded diagnostics. Installation costs are included in the contractor costs and cannot be broken out.

## DEVELOPMENT STATUS / MAJOR DEVELOPMENT MILESTONE(S):

Various - Milestones differ for individual Modifications noted above.

#### Installation Schedule

| Inputs  |
|---------|
| Outputs |

Inputs Outputs

| Pr Yr  |    | FY 2 | 2009 |    |    | FY 2 | 2010 |    |    | FY 2 | 2011 |   |   | FY 2 | 2012 |   |   | FY 2 | 2013 |   |
|--------|----|------|------|----|----|------|------|----|----|------|------|---|---|------|------|---|---|------|------|---|
| Totals | 1  | 2    | 3    | 4  | 1  | 2    | 3    | 4  | 1  | 2    | 3    | 4 | 1 | 2    | 3    | 4 | 1 | 2    | 3    | 4 |
| 539    | 38 | 45   | 40   | 45 | 40 | 35   | 29   | 10 |    |      |      |   |   |      |      |   |   |      |      |   |
| 419    | 40 | 45   | 45   | 40 | 40 | 45   | 45   | 42 | 45 | 15   |      |   |   |      |      |   |   |      |      |   |

|   |   | FY 2 | 2014 |   |   | FY 2 | 2015 |   |   | FY 2 | 2016 |   |   | FY: | 2017 |   | То       | Totals |
|---|---|------|------|---|---|------|------|---|---|------|------|---|---|-----|------|---|----------|--------|
|   | 1 | 2    | 3    | 4 | 1 | 2    | 3    | 4 | 1 | 2    | 3    | 4 | 1 | 2   | 3    | 4 | Complete |        |
|   |   |      |      |   |   |      |      |   |   |      |      |   |   |     |      |   |          | 821    |
| ĺ |   |      |      |   |   |      |      |   |   |      |      |   |   |     |      |   |          | 821    |

METHOD OF IMPLEMENTATION:

Contractor

ADMINISTRATIVE LEADTIME:

3 months

PRODUCTION LEADTIME: 11 months

Contract Dates:

FY 2010 -

FY 2011 -

FY 2012 -

Delivery Dates:

FY 2010 -

FY 2011 -

FY 2012 -

GA0700 M1 ABRAMS TANK (MOD) Item No. 15 Page 5 of 14 86

Date:

May 2009

MODIFICATION TITLE (cont): Abrams Integrated Management (AIM) [MOD 3] 2-04-05-0009

FINANCIAL PLAN: (\$ in Millions)

|                                 | FY 20 | 008   |     |      |     |     |     |     |     |       |
|---------------------------------|-------|-------|-----|------|-----|-----|-----|-----|-----|-------|
|                                 | and P | rior  | 20  | 09   | 20  | )10 | Т   | C   | То  | tal   |
|                                 | Qty   | \$    | Qty | \$   | Qty | \$  | Qty | \$  | Qty | \$    |
| RDT&E                           |       |       |     |      |     |     |     |     |     |       |
| Procurement                     |       |       |     |      |     |     |     |     |     |       |
| Kit Quantity                    |       |       |     |      |     |     |     |     |     |       |
| Installation Kits               | 791   | 487.2 | 30  | 47.9 |     | 0.3 |     |     | 821 | 535.4 |
| Installation Kits, Nonrecurring |       |       |     |      |     |     |     |     |     |       |
| Equipment                       |       |       |     |      |     |     |     |     |     |       |
| Equipment, Nonrecurring         |       |       |     |      |     |     |     |     |     |       |
| Engineering Change Orders       |       |       |     |      |     |     |     |     |     |       |
| Data                            |       |       |     |      |     |     |     |     |     |       |
| Training Equipment              |       |       |     |      |     |     |     |     |     |       |
| Support Equipment               |       |       |     |      |     |     |     |     |     |       |
| Other                           |       |       |     |      |     |     |     |     |     |       |
| Interim Contractor Support      |       |       |     |      |     |     |     |     |     |       |
| Installation of Hardware        |       |       |     |      |     |     |     |     |     |       |
| FY 2007 & Prior Equip Kits      | 419   |       |     |      |     |     |     |     | 419 |       |
| FY 2008 Kits                    |       |       | 170 |      |     |     |     |     | 170 |       |
| FY 2009 Equip Kits              |       |       |     |      | 172 |     |     |     | 172 |       |
| FY 2010 Equip Kits              |       |       |     |      |     |     |     |     |     |       |
| FY 2011 Equip Kits              |       |       |     |      |     |     |     |     |     |       |
| FY 2012 Equip Kits              |       |       |     |      |     |     |     |     |     |       |
| FY 2013 Equip Kits              |       |       |     |      |     |     |     |     |     |       |
| FY 2014 Equip Kits              |       |       |     |      |     |     |     |     |     |       |
| TC Equip Kits                   |       |       |     |      |     |     |     |     |     |       |
| Total Installment               | 419   | 0.0   | 170 | 0.0  | 172 | 0.0 | 0   | 0.0 | 761 | 0.0   |
| Total Procurement Cost          |       | 487.2 |     | 47.9 | ·   | 0.3 |     | 0.0 |     | 535.4 |

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Date:

May 2009

MODIFICATION TITLE: Armor [MOD 8] 1-99-05-4555

MODELS OF SYSTEM AFFECTED: Abrams FOV

#### DESCRIPTION / JUSTIFICATION:

This mod incorporates both Frontal Armor and Improved Side Armor to the Abrams Family of Vehicles. Frontal Armor significantly increases survivability to the soldiers in the Improved Side Armor provides better protection against rocket propelled grenade attacks on the turret sides of the crew compartment. Armor is provided by the Department of Energy (DOE). Note that application costs are included in the procurement cost.

#### DEVELOPMENT STATUS / MAJOR DEVELOPMENT MILESTONE(S):

Preliminary Design Review......PLANNED: 4Q98 ACCOMPLISHED: 4Q98 VAL/VER Ballistic Testing.......PLANNED: 4Q00 ACCOMPLISHED: 4Q00 Critical Design Review......PLANNED: 3099 ACCOMPLISHED: 3099 Production Contract Award.......PLANNED: 1Q01 ACCOMPLISHED: 1Q01 Tech Data Package Available.......PLANNED: 4Q00 ACCOMPLISHED: 4Q00

#### Installation Schedule

| Inputs  |
|---------|
| Outputs |

| Pr Yr  |   | FY 2 | 2009 |   |   | FY 2 | 2010 |   |   | FY 2 | 2011 |    |    | FY 2 | 2012 |   |   | FY 2 | 2013 |   |
|--------|---|------|------|---|---|------|------|---|---|------|------|----|----|------|------|---|---|------|------|---|
| Totals | 1 | 2    | 3    | 4 | 1 | 2    | 3    | 4 | 1 | 2    | 3    | 4  | 1  | 2    | 3    | 4 | 1 | 2    | 3    | 4 |
|        |   |      |      |   |   |      |      |   |   | 12   | 11   | 11 | 11 |      |      |   |   |      |      |   |
|        |   |      |      |   |   |      |      |   |   |      | 12   | 11 | 11 | 11   |      |   |   |      |      |   |

|         |   | FY 2 | 2014 |   |   | FY 2 | 2015 |   |   | FY 2 | 2016 |   |   | FY 2 | 2017 |   | То       | Totals |
|---------|---|------|------|---|---|------|------|---|---|------|------|---|---|------|------|---|----------|--------|
|         | 1 | 2    | 3    | 4 | 1 | 2    | 3    | 4 | 1 | 2    | 3    | 4 | 1 | 2    | 3    | 4 | Complete |        |
| Inputs  |   |      |      |   |   |      |      |   |   |      |      |   |   |      |      |   |          | 45     |
| Outputs |   |      |      |   |   |      |      |   |   |      |      |   |   |      |      |   |          | 45     |

METHOD OF IMPLEMENTATION: Contractor Teams ADMINISTRATIVE LEADTIME: 4 months PRODUCTION LEADTIME: 12 months

Contract Dates: FY 2010 - Jan 10 FY 2011 -FY 2012 -

Delivery Dates: FY 2010 - Jan 11 FY 2011 -FY 2012 -

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# INDIVIDUAL MODIFICATION Date: May 2009 MODIFICATION TITLE (cont): Armor [MOD 8] 1-99-05-4555

FINANCIAL PLAN: (\$ in Millions)

|                                 | FY 2  | 2008  |     |      |     |      |     |     |     |       |
|---------------------------------|-------|-------|-----|------|-----|------|-----|-----|-----|-------|
|                                 | and I | Prior | 20  | 09   | 20  | 10   | Т   | С   | To  | otal  |
|                                 | Qty   | \$    | Qty | \$   | Qty | \$   | Qty | \$  | Qty | \$    |
| RDT&E                           |       |       |     |      |     |      |     |     |     |       |
| Procurement                     |       |       |     |      |     |      |     |     |     |       |
| Kit Quantity                    |       |       |     |      |     |      |     |     |     |       |
| Installation Kits               |       |       |     |      |     |      |     |     |     |       |
| Installation Kits, Nonrecurring |       |       |     |      |     |      |     |     |     |       |
| Equipment                       |       |       |     |      |     |      |     |     |     |       |
| Equipment, Nonrecurring         |       |       |     |      |     |      |     |     |     |       |
| Engineering Change Orders       |       |       |     |      |     |      |     |     |     |       |
| Data                            |       |       |     |      |     |      |     |     |     |       |
| Training Equipment              |       |       |     |      |     |      |     |     |     |       |
| Support Equipment               |       |       |     |      |     |      |     |     |     |       |
| Other                           |       | 471.2 |     | 27.5 | 45  | 28.1 |     |     | 45  | 526.8 |
| Interim Contractor Support      |       |       |     |      |     |      |     |     |     |       |
| Installation of Hardware        |       |       |     |      |     |      |     |     |     |       |
| FY 2007 & Prior Equip Kits      |       |       |     |      |     |      |     |     |     |       |
| FY 2008 Kits                    |       |       |     |      |     |      |     |     |     |       |
| FY 2009 Equip Kits              |       |       |     |      |     |      |     |     |     |       |
| FY 2010 Equip Kits              |       |       |     |      |     |      |     |     |     |       |
| FY 2011 Equip Kits              |       |       |     |      |     |      |     |     |     |       |
| FY 2012 Equip Kits              |       |       |     |      |     |      |     |     |     |       |
| FY 2013 Equip Kits              |       |       |     |      |     |      |     |     |     |       |
| FY 2014 Equip Kits              |       |       |     |      |     |      |     |     |     |       |
| TC Equip- Kits                  |       |       |     |      |     |      |     |     |     |       |
| Total Installment               | 0     | 0.0   | 0   | 0.0  | 0   | 0.0  | 0   | 0.0 | 0   | 0.0   |
| Total Procurement Cost          |       | 471.2 |     | 27.5 |     | 28.1 |     | 0.0 |     | 526.8 |

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|  |           |           |          |        |          | IND    | IVIDU  | AL MO | DIFIC | CATIO | N    |       |       |     |   |        |      |         |       |         | Date:   | May 20 | 009     |        |         |       |
|--|-----------|-----------|----------|--------|----------|--------|--------|-------|-------|-------|------|-------|-------|-----|---|--------|------|---------|-------|---------|---------|--------|---------|--------|---------|-------|
| MODIFICATION T   | TTLE: En  | gineering | Support  | [MOD 9 | ] 0-00-0 | 00-000 | 00     |       |       |       |      |       |       |     |   |        |      |         |       |         |         |        |         |        |         |       |
| MODELS OF SYST   | TEM AFF   | ECTED:    | Whole Fl | leet   |          |        |        |       |       |       |      |       |       |     |   |        |      |         |       |         |         |        |         |        |         |       |
| DESCRIPTION / JU<br>Support encomp<br>for the Abrams i | asses go  | overnm    |          |        |          |        |        |       |       |       |      |       |       |     |   |        |      |         |       |         |         | ools & | Test Ed | quipme | nt (ST& | &TE)  |
| DEVELOPMENT S<br>N/A                                   | TATUS /   | MAJOR     | DEVELO   | OPMENT | ΓMILE    | ESTON  | IE(S): |       |       |       |      |       |       |     |   |        |      |         |       |         |         |        |         |        |         |       |
| Installation Schedule                                  | e         |           |          |        |          |        |        |       |       |       |      |       |       |     |   |        |      |         |       |         |         |        |         |        |         |       |
|  |           | Pr Yr     |          |        | FY 20    | 09     |        |       |       | FY 20 | 010  |       |       |     | ] | FY 201 | 1    |         |       | FY      | 7 2012  |        |         | FY     | 2013    |       |
|  |           | Totals    |          | 1      | 2        | 3      | 4      | 1     |       | 2     | 3    | 4     | ļ     | 1   | 2 | ;      | 3    | 4       | 1     | 2       | 3       | 4      | 1       | 2      | 3       | 4     |
| Inputs   |           |           |          |        |          |        |        |       |       |       |      |       |       |     |   |        |      |         |       |         |         |        |         |        |         |       |
| Outputs  |           |           |          |        |          |        |        |       |       |       |      |       |       |     |   |        |      |         |       |         |         |        |         |        |         |       |
|  |           | FY        | 2014     |        |          |        | FY 201 | 5     |       |       |      | FY 2  | 2016  |     |   |        | FY   | 2017    |       |         |         |        | То      |        |         | Total |
|  | 1         | 2         | 3        | 4      | 1        |        | 2      | 3     | 4     | 1     | 2    | 2     | 3     | 4   |   | 1      | 2    | 3       |       | 4       |         | Co     | omplete |        |         |       |
| Inputs   |           |           |          |        |          |        |        |       |       |       |      |       |       |     |   |        |      |         |       |         |         |        |         |        |         |       |
| Outputs  |           |           |          |        |          |        |        |       |       |       |      |       |       |     |   |        |      |         |       |         |         |        |         |        |         |       |
| METHOD OF IMPI   | LEMENT.   | ATION:    |          |        |          | AD     | MINIS' | ΓRΑΤΙ | VE LE | ADTIN | ME:  | (     | 0 mon | ths |   |        | PROD | UCTIO   | N LEA | DTIME   | E: 0 mo | nths   |         |        |         |       |
| Contract Dates:  | FY 2010 - |           |          |        |          |        |        |       | ]     | FY 20 | 11 - |       |       |     |   |        |      | FY 2012 | -     |         |         |        |         |        |         |       |
| Delivery Dates:  | FY 2010 - |           |          |        |          |        |        |       |       |       | ]    | FY 20 | 11 -  |     |   |        |      |         |       | FY 2012 | -       |        |         |        |         |       |

GA0700 M1 ABRAMS TANK (MOD) Item No. 15 Page 9 of 14 90

#### Date: May 2009 INDIVIDUAL MODIFICATION MODIFICATION TITLE (cont): Engineering Support [MOD 9] 0-00-00-0000 FINANCIAL PLAN: (\$ in Millions) FY 2008 TC and Prior 2009 2010 Total \$ \$ Qty \$ Qty Qty \$ Qty \$ Qty RDT&E Procurement Kit Quantity Installation Kits Installation Kits, Nonrecurring Equipment Equipment, Nonrecurring **Engineering Change Orders** Data Training Equipment 50.2 2.3 2.4 54.9 Support Other Interim Contractor Support Installation of Hardware FY 2007 & Prior Equip -- Kits FY 2008 -- Kits FY 2009 Equip -- Kits FY 2010 Equip -- Kits FY 2011 Equip -- Kits FY 2012 Equip -- Kits FY 2013 Equip -- Kits FY 2014 Equip -- Kits TC Equip- Kits 0.0 0.0 0.0 0.0 0 0.0 Total Installment 2.3 2.4 0.0 50.2 54.9 Total Procurement Cost

Date:

May 2009

MODIFICATION TITLE: Power Pack Improvement & Integration Optimization [MOD 11] 2-04-05-0008

MODELS OF SYSTEM AFFECTED: M1A2 SEP, M1A1 SA

#### DESCRIPTION / JUSTIFICATION:

This modification is intended to reduce the Operating and Support (O&S) cost of the Abrams Tank power train. It will equip the Abrams fleet with more reliability/durability and will provide a single overhaul standard for vehicle's power train. This modification includes the Total Integration Engine Revitalization (TIGER) program as well as support to the Transmission Enterprise Program. The TIGER Program supports the Abrams Advanced Gas Turbine (AGT) 1500 Engine Overhaul line. Installation costs are included in contractor charges and are not broken out separately.

## DEVELOPMENT STATUS / MAJOR DEVELOPMENT MILESTONE(S):

Various - Milestones differ for individual modifications noted above.

#### Installation Schedule

Inputs Outputs

Inputs Outputs

| Pr Yr  |   | FY 2 | 2009 |   |   | FY 2 | 2010 |   |    | FY 2 | 2011 |    |    | FY 2 | 2012 |   |   | FY 2 | 2013 |   |
|--------|---|------|------|---|---|------|------|---|----|------|------|----|----|------|------|---|---|------|------|---|
| Totals | 1 | 2    | 3    | 4 | 1 | 2    | 3    | 4 | 1  | 2    | 3    | 4  | 1  | 2    | 3    | 4 | 1 | 2    | 3    | 4 |
|        |   |      |      |   |   |      |      |   | 90 | 90   | 90   | 95 |    |      |      |   |   |      |      |   |
|        |   |      |      |   |   |      |      |   |    | 90   | 90   | 90 | 95 |      |      |   |   |      |      |   |

|   | FY 2 | 2014 |   |   | FY 2 | 2015 |   |   | FY 2 | 2016 |   |   | FY 2 | 2017 |   | То       | Totals |
|---|------|------|---|---|------|------|---|---|------|------|---|---|------|------|---|----------|--------|
| 1 | 2    | 3    | 4 | 1 | 2    | 3    | 4 | 1 | 2    | 3    | 4 | 1 | 2    | 3    | 4 | Complete |        |
|   |      |      |   |   |      |      |   |   |      |      |   |   |      |      |   |          | 365    |
|   |      |      |   |   |      |      |   |   |      |      |   |   |      |      |   |          | 365    |

METHOD OF IMPLEMENTATION:

Contractor

ADMINISTRATIVE LEADTIME:

4 months

PRODUCTION LEADTIME: 9 months

FY 2012 -

Contract Dates: Delivery Dates: FY 2010 - Jan 10 FY 2010 - Oct 10 FY 2011 -FY 2011 -

FY 2012 -

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Date:

May 2009

MODIFICATION TITLE (cont): Power Pack Improvement & Integration Optimization [MOD 11] 2-04-05-0008

FINANCIAL PLAN: (\$ in Millions)

|                                 | FY 2  | 2008  |     |       |     |      |     |     |     |       |
|---------------------------------|-------|-------|-----|-------|-----|------|-----|-----|-----|-------|
|                                 | and l | Prior | 20  | 09    | 20  | 10   | Т   | С   | To  | tal   |
|                                 | Qty   | \$    | Qty | \$    | Qty | \$   | Qty | \$  | Qty | \$    |
| RDT&E                           |       |       |     |       |     |      |     |     |     |       |
| Procurement                     |       |       |     |       |     |      |     |     |     |       |
| Kit Quantity                    |       |       |     |       |     |      |     |     |     |       |
| Installation Kits               |       |       |     |       |     |      |     |     |     |       |
| Installation Kits, Nonrecurring |       |       |     |       |     |      |     |     |     |       |
| Equipment                       |       | 664.4 |     | 172.3 | 365 | 93.6 |     |     | 365 | 930.3 |
| Equipment, Nonrecurring         |       |       |     |       |     |      |     |     |     |       |
| Engineering Change Orders       |       |       |     |       |     |      |     |     |     |       |
| Data                            |       |       |     |       |     |      |     |     |     |       |
| Training Equipment              |       |       |     |       |     |      |     |     |     |       |
| Support Equipment               |       |       |     |       |     |      |     |     |     |       |
| Other                           |       |       |     |       |     |      |     |     |     |       |
| Interim Contractor Support      |       |       |     |       |     |      |     |     |     |       |
| Installation of Hardware        |       |       |     |       |     |      |     |     |     |       |
| FY 2007 & Prior Equip Kits      |       |       |     |       |     |      |     |     |     |       |
| FY 2008 Kits                    |       |       |     |       |     |      |     |     |     |       |
| FY 2009 Equip Kits              |       |       |     |       |     |      |     |     |     |       |
| FY 2010 Equip Kits              |       |       |     |       |     |      |     |     |     |       |
| FY 2011 Equip Kits              |       |       |     |       |     |      |     |     |     |       |
| FY 2012 Equip Kits              |       |       |     |       |     |      |     |     |     |       |
| FY 2013 Equip Kits              |       |       |     |       |     |      |     |     |     |       |
| FY 2014 Equip Kits              |       |       |     |       |     |      |     |     |     |       |
| TC Equip- Kits                  |       |       |     |       |     |      |     |     |     |       |
| Total Installment               | 0     | 0.0   | 0   | 0.0   | 0   | 0.0  | 0   | 0.0 | 0   | 0.0   |
| Total Procurement Cost          |       | 664.4 |     | 172.3 |     | 93.6 |     | 0.0 |     | 930.3 |

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| INDIVIDUAL | MODIFICATION |
|------------|--------------|

MODIFICATION TITLE: Training Devices [MOD 13] 0-00-00-0000

MODELS OF SYSTEM AFFECTED: Abrams FOV

#### DESCRIPTION / JUSTIFICATION:

Provides funding for Training Aids, Devices, Simulators and Simulations (TADSS) in support of the Abrams family of vehicles. System training devices are required to remain current with upgraded fleet configuration/capabilities. TADSS include Maintenance Trainers (quantity of 4), Gunnery Trainer Tech Refresh (quantity of 79), Close Combat Tactical Trainer (CCTT) Tech Refresh (quantity of 17), Common Drivers Trainer Upgrades (quantity of 18), Multiple Integrated Laser Engagement System (MILES) Combat Vehicle Systems (CVS) Tracer Effects (quantity of 358), Desktop Trainer Lessons (quantity of 1), Abrams Common Software Library (quantity of 1) and Through Sight Video(quantity of 186).

DEVELOPMENT STATUS / MAJOR DEVELOPMENT MILESTONE(S):

Installation Schedule

Inputs Outputs

| Pr Yr  |   | FY 2 | 2009 |   |   | FY 2 | 2010 |   |   | FY 2 | 2011 |     |     | FY 2 | 2012 |   |   | FY 2 | 2013 |   |
|--------|---|------|------|---|---|------|------|---|---|------|------|-----|-----|------|------|---|---|------|------|---|
| Totals | 1 | 2    | 3    | 4 | 1 | 2    | 3    | 4 | 1 | 2    | 3    | 4   | 1   | 2    | 3    | 4 | 1 | 2    | 3    | 4 |
|        |   |      |      |   |   |      |      |   |   |      |      | 166 | 166 | 166  | 166  |   |   |      |      |   |
|        |   |      |      |   |   |      |      |   |   |      |      | 166 | 166 | 166  | 166  |   |   |      |      |   |

Date:

May 2009

|         |   | FY 2 | 2014 |   |   | FY 2 | 2015 |   | FY 2016 |   |   |   | FY 2017 |   |   |   | То       | Totals |
|---------|---|------|------|---|---|------|------|---|---------|---|---|---|---------|---|---|---|----------|--------|
|         | 1 | 2    | 3    | 4 | 1 | 2    | 3    | 4 | 1       | 2 | 3 | 4 | 1       | 2 | 3 | 4 | Complete |        |
| Inputs  |   |      |      |   |   |      |      |   |         |   |   |   |         |   |   |   |          | 664    |
| Outputs |   |      |      |   |   |      |      |   |         |   |   |   |         |   |   |   |          | 664    |

METHOD OF IMPLEMENTATION: ADMINISTRATIVE LEADTIME: 9 months PRODUCTION LEADTIME: 13 months Contractor

Contract Dates: FY 2010 - Jun 10 FY 2011 -FY 2012 -

Delivery Dates: FY 2010 - Jul 11 FY 2011 -FY 2012 -

#### Date: May 2009 INDIVIDUAL MODIFICATION MODIFICATION TITLE (cont): Training Devices [MOD 13] 0-00-00-0000 FINANCIAL PLAN: (\$ in Millions) FY 2008 TC and Prior 2009 2010 Total \$ \$ Qty \$ Qty Qty \$ Qty \$ Qty RDT&E Procurement Kit Quantity Installation Kits Installation Kits, Nonrecurring Equipment Equipment, Nonrecurring **Engineering Change Orders** Data Training Equipment 664 25.6 664 25.6 Support Equipment Other Interim Contractor Support Installation of Hardware FY 2008 & Prior Equip -- Kits FY 2009 -- Kits FY 2010 Equip -- Kits FY 2011 Equip -- Kits FY 2012 Equip -- Kits FY 2013 Equip -- Kits FY 2014 Equip -- Kits FY 2015 Equip -- Kits TC Equip- Kits 0.0 0.0 0.0 0.0 0 0.0 Total Installment 0.0 0.0 0.0 25.6 25.6 Total Procurement Cost

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| Exhibit P-40, Budget Item   | Justification Sheet |         |        |                                |                                 | Date:       | ıy 2009    |
|---|---------------------|---------|--------|--------------------------------|---------------------------------|-------------|------------|
| Appropriation / Budget Activity / Seria<br>Procurement of W&TCV, Army / 1 / |                     |         |        | P-1 Item Nomenclar<br>ABRAMS U | ture<br>PGRADE PROGRAM (GA0750) |             |            |
| Program Elements for Code B Items:  | Code:               | A Othe  |        | rogram Elements:<br>5A.D330    |                                 |             |            |
|   | Prior Years         | FY 2008 |        | FY 2009                        | FY 2010                         | To Complete | Total Prog |
| Proc Qty  | 1136                |         | 260    | 111                            | 22                              |             | 1529       |
| Gross Cost  | 5975.5              |         | 1238.7 | 580.5                          | 185.6                           |             | 7980.3     |
| Less PY Adv Proc  | 2064.5              |         |        |                                |                                 |             | 2064.5     |
| Plus CY Adv Proc  | 2064.5              |         |        |                                |                                 |             | 2064.5     |
| Net Proc P1   | 5975.5              |         | 1238.7 | 580.5                          | 185.6                           |             | 7980.3     |
| Initial Spares  |                     |         |        |                                |                                 |             |            |
| Total Proc Cost   | 5975.5              |         | 1238.7 | 580.5                          | 185.6                           |             | 7980.3     |
| Flyaway U/C   |                     |         |        |                                |                                 |             |            |
| Weapon System Proc U/C  | 5.3                 |         | 4.8    | 5.2                            | 8.4                             |             | 23.7       |

This program upgrades M1/M1A1 tanks to the M1A2 System Enhancement Package (SEP) configuration. Therefore, for each M1A2 SEP produced, there will be a corresponding decrease in the Army's M1/M1A1 inventory. The Abrams Upgrade Program will upgrade the tanks' survivability, automotive power pack, computer systems, and night vision capabilities. The M1A2 SEP has improved microprocessors, color flat panel displays, improved memory capacity, better Soldier-Machine Interface (SMI), and a new open operating system designed to run the Common Operating Environment (COE) software. Both the Gunner's Primary Sight (GPS) and the Commander's Independent Thermal Viewer (CITV) on the M1A2 SEP tank include the improved thermal imaging capabilities of the new Block I 2nd Generation Forward Looking Infra-Red (FLIR) technology. The M1A2 SEP has improved frontal and side armor for enhanced crew survivability. The M1A2 SEP is also equipped with the total integrated revitalization (TIGER) engine and upgraded transmission for improved automotive reliability and durability.

#### Justification:

FY10 Base dollars of \$185.611 million will procure 22 Abrams M1A2 SEP Upgrade Vehicles.

FY08-FY10 funding supports the Active.

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Exhibit P-40 Budget Item Justification Sheet

| Exhibit P-5, Weapon WTCV Cost Analysis | Appropriation/Budget Activity/Serial No:<br>Procurement of W&TCV, Army / 1 / Trac<br>vehicles | ked com |            |       | menclature:<br>ADE PROGRAM | I (GA0750) |       | Weapon Syster | n Type:    | Date: | May 2009  |
|--|---|---------|------------|-------|----------------------------|------------|-------|---------------|------------|-------|-----------|
| WTCV                                   |   | ID      |            | FY 08 |                            |            | FY 09 |               |            | FY 10 |           |
| Cost Elemen                            | ts  | CD      | Total Cost | Qty   | Unit Cost                  | Total Cost | Qty   | Unit Cost     | Total Cost | Qty   | Unit Cost |
|  |   |         | \$000      | Units | \$000                      | \$000      | Units | \$000         | \$000      | Units | \$000     |
| Basic Vehicle                          |   | A       | 674908     | 260   | 2596                       | 314962     | 111   | 2837          | 63129      | 22    | 2870      |
| FLIR                                   |   | Α       | 90808      | 260   | 349                        | 39531      | 111   | 356           | 9191       | 22    | 418       |
| GFE                                    |   | Α       | 35337      |       |                            | 15385      |       |               | 3576       | 5     |           |
| Armor                                  |   |         |            |       |                            |            |       |               |            |       |           |
| Depot Maint Pre-Mod                    |   | Α       | 207610     | 260   | 799                        | 89595      | 111   | 807           | 19109      | 22    | 869       |
| STS, TPF, ST&TS, Gov't Spt             |   | Α       | 230009     |       |                            | 121070     |       |               | 90606      | 5     |           |
| Total:                                 |   |         | 1238672    |       |                            | 580543     |       |               | 185611     | l l   |           |

| Exhibit P-5a, Budget Procurement   | History and Planning               |                                |  |            |                           |              |                    | ate:<br>Iay 2009       | )                      |                      |
|--|------------------------------------|--------------------------------|--|------------|---------------------------|--------------|--------------------|------------------------|------------------------|----------------------|
| Appropriation/Budget Activity/Serial No:<br>Procurement of W&TCV, Army/ 1/ Tracked combat vehicles | Weapon System Type:                |                                | Nomenclature:<br>PGRADE PROGRAM (GA075 | 50)        |                           |              |                    |                        |                        |                      |
| WBS Cost Elements:   | Contractor and Location            | Contract<br>Method and<br>Type | Location of PCO                        | Award Date | Date of First<br>Delivery | QTY<br>Units | Unit Cost<br>\$000 | Specs<br>Avail<br>Now? | Date<br>Revsn<br>Avail | RFP<br>Issue<br>Date |
| Basic Vehicle  |                                    |                                |  |            |                           |              |                    |                        |                        |                      |
| FY 2008  | Joint Service Mfg Corp<br>Lima, OH | MYP/FFP                        | TACOM-Warren                           | Feb 08     | Oct 10                    | 260          | 2596               | Yes                    |                        |                      |
| FY 2009  | Joint Service Mfg Corp<br>Lima, OH | MYP/FFP                        | TACOM-Warren                           | Feb 09     | Jan 12                    | 111          | 2837               | yes                    |                        |                      |
| FY 2010  | Joint Service Mfg Corp<br>Lima, OH | MYP/FFP                        | TACOM-Warren                           | Dec 09     | Aug 12                    | 22           | 2870               | yes                    |                        |                      |
| FLIR   |                                    |                                |  |            |                           |              |                    |                        |                        |                      |
| FY 2008  | Raytheon<br>McKinney, TX           | SS/CPFF                        | CECOM - Picatinny                      | Feb 08     | Apr 10                    | 260          | 349                | Yes                    |                        |                      |
| FY 2009  | Raytheon<br>McKinney, TX           | SS/CPFF                        | CECOM - Picatinny                      | Feb 09     | Jul 11                    | 111          | 356                | yes                    |                        |                      |
| FY 2010  | Raytheon<br>McKinney, TX           | SS/CPFF                        | CECOM - Picatinny                      | Feb 10     | Feb 12                    | 22           | 418                | yes                    |                        |                      |

REMARKS:

|        |          | 1         | F <b>Y</b> 09 / | 10 BU          | J <b>DGE</b>   | Γ PR(       | ODUC        | CTIO        | N SCI       | HEDU        | LE          |             |             |             | M NOMI<br>IS UPGR |             |             | M (GA0      | 0750)       |             |             |             | Dat         | e:          | May 20      | 009         |             |             |             |           |   |
|--------|----------|-----------|-----------------|----------------|----------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-----------|---|
|        | C        | OST       | ELEM            | IENTS          | ;              |             |             |             |             |             | Fiscal `    | Year 0      | 9           |             |                   |             |             |             |             |             |             |             | Fiscal Y    | ear 10      | )           |             |             |             |             |           |   |
| М      |          | S<br>E    | PROC<br>QTY     | ACCEP<br>PRIOR |                |             |             |             |             |             |             |             |             | Calenda     | ar Year (         | )9          |             |             |             |             |             |             |             | Calen       | ıdar Yea    | ar 10       |             |             |             |           |   |
| F<br>R | FY       | R<br>V    | Units           |                | AS OF<br>1 OCT | O<br>C      | N<br>O      | D<br>E      | J<br>A      | F<br>E      | M<br>A      | A<br>P      | M<br>A      | J<br>U      | J<br>U            | A<br>U      | S<br>E      | O<br>C      | N<br>O      | D<br>E      | J<br>A      | F<br>E      | M<br>A      | A<br>P      | M<br>A      | J<br>U      | J<br>U      | A<br>U      | S<br>E      | Later     |   |
|        |          |           |                 | 1001           | 1 001          | T           | V           | С           | N           | В           | R           | R           | Y           | N           | L                 | G           | P           | T           | V           | C           | N           | В           | R           | R           | Y           | N           | L           | G           | P           | Later     | L |
|        | ic Vehic | 1         | 1 00            |                | - 00           | l 1         |             | 1           |             |             |             |             | 1           | 1           | 1                 |             | 1 1         |             | 1           |             |             | 1.1         |             | - 14        | Ι .         |             | 2           |             |             |           | _ |
|        | FY 07    | A         | 98              |                | ļ              |             |             |             |             |             |             |             |             |             |                   |             |             |             |             |             | 7           | 14          | 14          | 14          | 3           | 8           | 3           | 7           | 14          | 14<br>260 | _ |
|        | FY 08    | A         | 260             |                |                |             |             |             |             |             |             |             |             |             |                   |             |             |             |             |             |             |             |             |             |             |             |             |             |             |           | - |
|        | FY 09    | A         | 111             | 0              |                |             |             |             |             | A           |             |             |             |             |                   |             |             |             |             |             |             |             |             |             |             |             |             |             |             | 111       | _ |
| 1      | FY 10    | A         | 22              | 0              | 22             |             |             |             |             |             |             |             |             |             |                   |             |             |             |             | A           |             |             |             |             |             |             |             |             |             | 22        | ł |
|        |          |           |                 |                |                |             |             |             |             |             |             |             |             |             |                   |             |             |             |             |             |             |             |             |             |             |             |             |             |             |           | ł |
|        |          |           |                 |                |                |             |             |             |             |             |             |             |             |             |                   |             |             |             |             |             |             |             |             |             |             |             |             |             |             |           | ł |
|        |          |           |                 |                |                |             |             |             |             |             |             |             |             |             |                   |             |             |             |             |             |             |             |             |             |             |             |             |             |             |           | 1 |
|        |          |           |                 |                |                |             |             |             |             |             |             |             |             |             |                   |             |             |             |             |             |             |             |             |             |             |             |             |             |             |           | i |
|        |          |           |                 |                |                |             |             |             |             |             |             |             |             |             |                   |             |             |             |             |             |             |             |             |             |             |             |             |             |             |           | i |
|        |          |           |                 |                |                |             |             |             |             |             |             |             |             |             |                   |             |             |             |             |             |             |             |             |             |             |             |             |             |             |           | 1 |
|        |          |           |                 |                |                |             |             |             |             |             |             |             |             |             |                   |             |             |             |             |             |             |             |             |             |             |             |             |             |             |           | 1 |
|        |          |           |                 |                |                |             |             |             |             |             |             |             |             |             |                   |             |             |             |             |             |             |             |             |             |             |             |             |             |             |           |   |
|        |          |           |                 |                |                |             |             |             |             |             |             |             |             |             |                   |             |             |             |             |             |             |             |             |             |             |             |             |             |             |           |   |
| Tot    | al       |           |                 |                | 491            |             |             |             |             |             |             |             |             |             |                   |             |             |             |             |             | 7           | 14          | 14          | 14          | 3           | 8           | 3           | 7           | 14          | 407       |   |
|        |          |           |                 |                |                | O<br>C<br>T | N<br>O<br>V | D<br>E<br>C | J<br>A<br>N | F<br>E<br>B | M<br>A<br>R | A<br>P<br>R | M<br>A<br>Y | J<br>U<br>N | J<br>U<br>L       | A<br>U<br>G | S<br>E<br>P | O<br>C<br>T | N<br>O<br>V | D<br>E<br>C | J<br>A<br>N | F<br>E<br>B | M<br>A<br>R | A<br>P<br>R | M<br>A<br>Y | J<br>U<br>N | J<br>U<br>L | A<br>U<br>G | S<br>E<br>P |           |   |
|        |          |           |                 |                |                |             |             |             | •           | ,           |             |             |             | •           |                   |             |             |             |             |             |             |             |             |             |             | •           | •           |             |             |           |   |
| M      |          |           |                 |                |                |             | ]           | PRODU       | ICTION 1    | RATES       |             |             |             |             |                   | Α           | DMIN L      | EAD T       | IME         |             | MFR         |             | TOTA        | AL          | REMA        | RKS         |             |             |             |           |   |
| F      |          |           |                 |                |                |             |             |             |             |             | Reac        | hed M       | IFR         |             |                   | Pric        | or 1 Oct    | Afte        | r 1 Oct     | Aft         | ter 1 Oct   |             | After 1     | Oct         |             |             |             |             |             |           |   |
| R      |          |           |                 | e - Locati     |                |             |             | MIN         | 1-8-5       | MAX         | D-          | +           | 1 In        | itial       |                   |             | 0           |             | 4           |             | 36          |             | 40          |             |             |             |             |             |             |           |   |
| 1      | Joint S  | Service 1 | Mfg Corp        | , Lima, Ol     | Н              |             |             | 12          | 120         | 336         |             |             | R           | eorder      |                   |             | 0           |             | 3           |             | 32          |             | 35          |             |             |             |             |             |             |           |   |
|        |          |           |                 |                |                |             |             |             |             |             |             |             | In          | itial       |                   |             |             |             |             |             |             |             |             |             |             |             |             |             |             |           |   |
|        |          |           |                 |                |                |             |             |             |             |             |             |             | R           | eorder      |                   |             |             |             |             |             |             |             |             |             |             |             |             |             |             |           |   |
|        |          |           |                 |                |                |             |             |             |             |             |             |             | In          | itial       |                   |             |             |             |             |             |             |             |             |             |             |             |             |             |             |           |   |
|        |          |           |                 |                |                |             |             |             |             |             |             |             | R           | eorder      |                   |             |             |             |             |             |             |             |             |             |             |             |             |             |             |           |   |
|        |          |           |                 |                |                |             |             |             |             |             |             |             | In          | itial       |                   |             |             |             |             |             |             |             |             |             |             |             |             |             |             |           |   |
|        |          |           |                 |                |                |             |             |             |             |             | 1           |             | R           | eorder      |                   |             |             |             |             |             |             |             |             |             |             |             |             |             |             |           |   |
|        |          |           |                 |                |                |             |             |             |             |             | 1           |             | _           | itial       |                   |             |             |             |             |             |             |             |             |             | 1           |             |             |             |             |           |   |
|        |          |           |                 |                |                |             |             |             |             |             |             | 1           | R           | eorder      |                   |             |             |             |             |             |             |             |             |             |             |             |             |             |             |           |   |

|          |          | 1       | F <b>Y</b> 11 / | 12 BU          | J <b>DGE</b>   | Γ PR(  | ODUC   | CTIO   | N SCI  | HEDU   | LE       |         |        | P-1 ITEM<br>ABRAM |          |        |          | M (GA0 | 750)    |        |          |        | Dat      | te:    | May 20   | 009    |        |        |        |       |   |
|----------|----------|---------|-----------------|----------------|----------------|--------|--------|--------|--------|--------|----------|---------|--------|-------------------|----------|--------|----------|--------|---------|--------|----------|--------|----------|--------|----------|--------|--------|--------|--------|-------|---|
|          | C        | OST     | ELEM            | IENTS          | }              |        |        |        |        |        | Fiscal Y | Year 11 |        |                   |          |        |          |        |         |        |          |        | Fiscal Y | ear 12 | 2        |        |        |        |        |       |   |
| M        |          | S<br>E  | PROC<br>QTY     | ACCEP<br>PRIOR | BAL<br>DUE     |        |        |        |        |        |          |         |        | Calenda           | r Year 1 | 1      | ļ        |        |         |        |          |        |          | Calen  | ıdar Yea | ar 12  |        |        |        |       |   |
| F<br>R   | FY       | R<br>V  | Units           | TO<br>1 OCT    | AS OF<br>1 OCT | O<br>C | N<br>O | D<br>E | J<br>A | F<br>E | M<br>A   | A<br>P  | M<br>A | J<br>U            | J<br>U   | A<br>U | S<br>E   | O<br>C | N<br>O  | D<br>E | J<br>A   | F<br>E | M<br>A   | A<br>P | M<br>A   | J<br>U | J<br>U | A<br>U | S<br>E | Later |   |
| Doo      | ic Vehic | 10      |                 |                |                | T      | V      | С      | N      | В      | R        | R       | Y      | N                 | L        | G      | P        | T      | V       | С      | N        | В      | R        | R      | Y        | N      | L      | G      | P      |       | L |
| —-       | FY 07    | A       | 98              | 84             | 14             | 14     |        |        |        |        |          |         |        |                   |          |        |          |        |         |        |          |        |          |        |          |        |        |        |        | 0     | Г |
| $\vdash$ | FY 08    | A       | 260             |                |                | 6      |        | 22     | 23     | 28     | 18       | 18      | 20     | 15                | 14       | 15     | 15       | 15     | 10      | 14     | 5        |        |          |        |          |        |        |        |        | 0     |   |
| -        | FY 09    | A       | 111             | 0              |                |        |        |        |        |        |          |         |        |                   |          |        |          |        |         |        | 10       | 15     | 15       | 15     | 20       | 22     | 9      | 5      |        | 0     |   |
| -        | FY 10    | Α       | 22              | 0              |                |        |        |        |        |        |          |         |        |                   |          |        |          |        |         |        |          |        |          |        |          |        |        | 4      | 9      | 9     |   |
|          |          |         |                 |                |                |        |        |        |        |        |          |         |        |                   |          |        |          |        |         |        |          |        |          |        |          |        |        |        |        |       |   |
|          |          |         |                 |                |                |        |        |        |        |        |          |         |        |                   |          |        |          |        |         |        |          |        |          |        |          |        |        |        |        |       |   |
|          |          |         |                 |                |                |        |        |        |        |        |          |         |        |                   |          |        |          |        |         |        |          |        |          |        |          |        |        |        |        |       |   |
|          |          |         |                 |                |                |        |        |        |        |        |          |         |        |                   |          |        |          |        |         |        |          |        |          |        |          |        |        |        |        |       |   |
|          |          |         |                 |                |                |        |        |        |        |        |          |         |        |                   |          |        |          |        |         |        |          |        |          |        |          |        |        |        |        |       |   |
|          |          |         |                 |                |                |        |        |        |        |        |          |         |        |                   |          |        |          |        |         |        |          |        |          |        |          |        |        |        |        |       | 1 |
|          |          |         |                 |                |                |        |        |        |        |        |          |         |        |                   |          |        |          |        |         |        |          |        |          |        |          |        |        |        |        |       | ł |
|          |          |         |                 |                |                |        |        |        |        |        |          |         |        |                   |          |        |          |        |         |        |          |        |          |        |          |        |        |        |        |       | ł |
|          |          |         |                 |                |                |        |        |        |        |        |          |         |        |                   |          |        |          |        |         |        |          |        |          |        |          |        |        |        |        |       |   |
| Tot      | a1       |         |                 |                | 407            | 20     | 22     | 22     | 23     | 28     | 18       | 18      | 20     | 15                | 14       | 15     | 15       | 15     | 10      | 14     | 15       | 15     | 15       | 15     | 20       | 22     | 9      | 9      | 9      | 9     |   |
| 100      | u1       |         | 1               |                | 407            | 0      | N      | D      | J      | F      | M        | A       | M      | J                 | J        | A      | S        | 0      | N       | D      | J        | F      | M        | A      | M        | J      | J      | A      | S      |       |   |
|          |          |         |                 |                |                | C<br>T | O<br>V | E<br>C | A<br>N | E<br>B | A<br>R   | P<br>R  | A<br>Y | U<br>N            | U<br>L   | U<br>G | E<br>P   | C<br>T | O<br>V  | E<br>C | A<br>N   | E<br>B | A<br>R   | P<br>R | A<br>Y   | U<br>N | U<br>L | U<br>G | E<br>P |       |   |
|          | 1        |         |                 |                |                |        |        |        |        |        |          |         |        |                   |          |        |          |        |         |        |          |        |          |        |          |        |        |        |        |       |   |
| M        |          |         |                 |                |                |        | ]      | PRODU  | CTION  | RATES  |          |         |        |                   |          |        | DMIN I   | _      |         |        | MFR      |        | TOTA     |        | REMA     | RKS    |        |        |        |       |   |
| F        |          |         |                 |                |                |        |        |        |        |        |          | hed M   |        |                   |          | Pric   | or 1 Oct | -      | r 1 Oct | Aft    | er 1 Oct |        | After 1  |        |          |        |        |        |        |       |   |
| R        |          |         |                 | e - Locati     |                |        |        | MIN    | 1-8-5  | MAX    | D-       | +       | l Ini  |                   |          |        | 0        |        | 4       |        | 36       |        | 40       |        | 1        |        |        |        |        |       |   |
| 1        | Joint S  | Service | Mfg Corp        | , Lima, Ol     | H              |        |        | 12     | 120    | 336    |          |         | _      | order             |          |        | 0        |        | 3       |        | 32       |        | 35       |        |          |        |        |        |        |       |   |
|          |          |         |                 |                |                |        |        |        |        |        |          |         | Ini    |                   |          |        |          |        |         |        |          |        |          |        |          |        |        |        |        |       |   |
|          | <u> </u> |         |                 |                |                |        |        |        |        |        |          | _       | _      | order             |          | -      |          | -      |         |        |          |        |          |        | -        |        |        |        |        |       |   |
|          |          |         |                 |                |                |        | _      |        |        |        |          | _       | Ini    |                   |          |        |          |        |         |        |          |        |          |        | -        |        |        |        |        |       |   |
|          | <u> </u> |         |                 |                |                |        |        |        |        |        |          | -       | Ini    | order             |          |        |          | -      |         |        |          |        |          |        | 1        |        |        |        |        |       |   |
|          | -        |         |                 |                |                |        |        |        |        |        |          |         |        | order             |          |        |          | 1      |         |        |          |        |          |        | 1        |        |        |        |        |       |   |
|          |          |         |                 |                |                |        |        |        |        |        | -        |         | Ini    |                   |          |        |          |        |         |        |          |        |          |        | 1        |        |        |        |        |       |   |
|          |          |         |                 |                |                |        |        |        |        |        |          |         | -      | order             |          |        |          |        |         |        |          |        |          |        | 1        |        |        |        |        |       |   |

|        |          | I        | FY 13 /     | 14 BU          | J <b>DGE</b>   | T PR        | ODU         | CTIO        | N SCI       | HEDU        | LE          |             |             | P-1 ITEN<br>ABRAM | M NOME<br>IS UPGR |             |             | M (GA0      | 0750)       |             |             |             | Dat         | te:         | May 20      | 009               |                     |                     |                      |            |   |
|--------|----------|----------|-------------|----------------|----------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------------|-------------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------------|---------------------|---------------------|----------------------|------------|---|
|        | C        | OST      | ELEM        | IENTS          | \$             |             |             |             |             |             | Fiscal Y    | ear 13      | 3           | •                 |                   |             |             |             |             |             |             |             | Fiscal Y    | ear 14      | 1           |                   |                     |                     |                      |            |   |
| M      |          | S<br>E   | PROC<br>QTY | ACCEP<br>PRIOR | BAL<br>DUE     |             |             |             |             |             |             |             |             | Calenda           | ır Year 1         | 13          |             |             |             |             |             |             |             | Caler       | ndar Yea    | ar 14             |                     |                     |                      |            |   |
| F<br>R | FY       | R<br>V   | Units       | TO<br>1 OCT    | AS OF<br>1 OCT | O<br>C<br>T | N<br>O<br>V | D<br>E<br>C | J<br>A<br>N | F<br>E<br>B | M<br>A<br>R | A<br>P<br>R | M<br>A<br>Y | J<br>U<br>N       | J<br>U<br>L       | A<br>U<br>G | S<br>E<br>P | O<br>C<br>T | N<br>O<br>V | D<br>E<br>C | J<br>A<br>N | F<br>E<br>B | M<br>A<br>R | A<br>P<br>R | M<br>A<br>Y | J<br>U<br>N       | J<br>U<br>L         | A<br>U<br>G         | S<br>E<br>P          | Later      |   |
| Bas    | ic Vehic | :le      |             |                |                | 1           | •           | C           | 14          | ь           | K           | K           | 1           | 14                | L                 | 0           |             | •           | •           | C           | 11          | ь           | K           | K           |             | 14                | L                   | G                   | 1                    |            | L |
| _      | FY 07    | A        | 98          | 98             |                |             |             |             |             |             |             |             |             |                   |                   |             |             |             |             |             |             |             |             |             |             |                   |                     |                     |                      | 0          | Γ |
|        | FY 08    | A        | 260         | 260            |                |             |             |             |             |             |             |             |             |                   |                   |             |             |             |             |             |             |             |             |             |             |                   |                     |                     |                      | 0          |   |
| _      | FY 09    | A        | 111         | 111            | ļ              |             |             |             |             |             |             |             |             |                   |                   |             |             |             |             |             |             |             |             |             |             |                   |                     |                     |                      | 0          |   |
|        | FY 10    | A        | 22          | 13             | 9              | 9           |             |             |             |             |             |             |             |                   |                   |             |             |             |             |             |             |             |             |             |             |                   |                     |                     |                      | 0          |   |
|        |          |          |             |                |                |             |             |             |             |             |             |             |             |                   |                   |             |             |             |             |             |             |             |             |             |             |                   |                     |                     |                      |            |   |
|        |          |          |             |                |                |             |             |             |             |             |             |             |             |                   |                   |             |             |             |             |             |             |             |             |             |             |                   |                     |                     |                      |            |   |
|        |          |          |             |                |                |             |             |             |             |             |             |             |             |                   |                   |             |             |             |             |             |             |             |             |             |             |                   |                     |                     |                      |            |   |
|        |          |          |             |                |                |             |             |             |             |             |             |             |             |                   |                   |             |             |             |             |             |             |             |             |             |             |                   |                     |                     |                      |            | İ |
|        |          |          |             |                |                |             |             |             |             |             |             |             |             |                   |                   |             |             |             |             |             |             |             |             |             |             |                   |                     |                     |                      |            | İ |
|        |          |          |             |                |                |             |             |             |             |             |             |             |             |                   |                   |             |             |             |             |             |             |             |             |             |             |                   |                     |                     |                      |            |   |
|        |          |          |             |                |                |             |             |             |             |             |             |             |             |                   |                   |             |             |             |             |             |             |             |             |             |             |                   |                     |                     |                      |            |   |
|        |          |          |             |                |                |             |             |             |             |             |             |             |             |                   |                   |             |             |             |             |             |             |             |             |             |             |                   |                     |                     |                      |            |   |
|        |          |          |             |                |                |             |             |             |             |             |             |             |             |                   |                   |             |             |             |             |             |             |             |             |             |             |                   |                     |                     |                      |            |   |
|        |          |          |             |                |                |             |             |             |             |             |             |             |             |                   |                   |             |             |             |             |             |             |             |             |             |             |                   |                     |                     |                      |            |   |
| Tot    | al       |          |             |                | 9              |             |             |             |             |             |             |             |             |                   |                   |             |             |             |             |             |             |             |             |             |             |                   |                     |                     |                      |            |   |
|        |          |          |             |                |                | O<br>C<br>T | N<br>O<br>V | D<br>E<br>C | J<br>A<br>N | F<br>E<br>B | M<br>A<br>R | A<br>P<br>R | M<br>A<br>Y | J<br>U<br>N       | J<br>U<br>L       | A<br>U<br>G | S<br>E<br>P | O<br>C<br>T | N<br>O<br>V | D<br>E<br>C | J<br>A<br>N | F<br>E<br>B | M<br>A<br>R | A<br>P<br>R | M<br>A<br>Y | J<br>U<br>N       | J<br>U<br>L         | A<br>U<br>G         | S<br>E<br>P          |            |   |
|        |          |          |             |                |                |             |             |             |             |             |             |             |             |                   |                   |             |             |             |             |             |             |             |             |             |             |                   |                     |                     |                      |            |   |
| M      |          |          |             |                |                |             |             | PRODU       | ICTION 1    | RATES       |             |             |             |                   |                   | Α           | DMIN I      | LEAD T      | IME         |             | MFR         |             | TOTA        | AL          | REMA        |                   | 136                 | ,                   | . 1                  |            |   |
| F      |          |          |             |                |                |             |             |             |             |             | Reach       | ned M       | FR          |                   |                   | Pric        | or 1 Oct    | Afte        | r 1 Oct     | Aft         | er 1 Oct    |             | After 1     | Oct         | schedu      | Bridge<br>le= 2 i | and Mai<br>nonths ( | n supple<br>Bridge) | mental j<br>and 14 i | production | n |
| R      |          |          | Nam         | ne - Locati    | on             |             | 1           | MIN         | 1-8-5       | MAX         | D-          |             | 1 I1        | nitial            |                   |             | 0           |             | 4           |             | 36          |             | 40          |             | (Main)      |                   |                     |                     |                      |            |   |
| 1      | Joint S  | ervice l | Mfg Corp    | , Lima, Ol     | Н              |             |             | 12          | 120         | 336         |             |             | R           | eorder            |                   |             | 0           |             | 3           |             | 32          |             | 35          |             |             |                   |                     |                     |                      |            |   |
|        |          |          |             |                |                |             |             |             |             |             |             |             | Iı          | nitial            |                   |             |             |             |             |             |             |             |             |             |             |                   |                     |                     |                      |            |   |
|        |          |          |             |                |                |             |             |             |             |             |             |             | R           | eorder            |                   |             |             |             |             |             |             |             |             |             |             |                   |                     |                     |                      |            |   |
|        |          |          |             |                |                |             |             |             |             |             |             |             | Iı          | nitial            |                   |             |             |             |             |             |             |             |             |             |             |                   |                     |                     |                      |            |   |
|        |          |          |             |                |                |             |             |             |             |             |             |             | R           | leorder           |                   |             |             |             |             |             |             |             |             |             |             |                   |                     |                     |                      |            |   |
|        |          |          |             |                |                |             |             |             |             |             |             |             | Iı          | nitial            |                   |             |             |             |             |             |             |             |             |             |             |                   |                     |                     |                      |            |   |
|        |          |          |             |                |                |             |             |             |             |             |             |             | R           | eorder            |                   |             |             |             |             |             |             |             |             |             |             |                   |                     |                     |                      |            |   |
|        |          |          |             |                |                |             |             |             |             |             |             |             | Iı          | nitial            |                   |             |             |             |             |             |             |             |             |             |             |                   |                     |                     |                      |            |   |
|        |          |          |             |                |                |             |             |             |             |             |             |             | R           | eorder            |                   |             |             |             |             |             |             |             |             |             |             |                   |                     |                     |                      |            |   |

GA0750 ABRAMS UPGRADE PROGRAM Item No. 16 Page 6 of 6 101 Exhibit P-21 Production Schedule

| Exhibit P-40, Budget Item J   | <b>Justification Sheet</b>      |               |                   |                         |                            | Date:                           | 7 2009                    |
|---|---------------------------------|---------------|-------------------|-------------------------|----------------------------|---------------------------------|---------------------------|
| Appropriation / Budget Activity / Serial<br>Procurement of W&TCV, Army / 1 / Tr       | No: racked combat vehicles      |               |                   | P-1 Item Nomenclature   | e<br>HAN \$5.0M (TCV-WTCV) | · · ·                           |                           |
| Program Elements for Code B Items:  | Code:                           | Ot            | ther Related Prog | gram Elements:          |                            |                                 |                           |
|   | Prior Years                     | FY 200        | )8                | FY 2009                 | FY 2010                    | To Complete                     | Total Prog                |
| Proc Qty  |                                 |               |                   |                         |                            |                                 |                           |
| Gross Cost  | 33.7                            |               |                   | 1.6                     |                            |                                 | 35.3                      |
| Less PY Adv Proc  |                                 |               |                   |                         |                            |                                 |                           |
| Plus CY Adv Proc  |                                 |               |                   |                         |                            |                                 |                           |
| Net Proc P1   | 33.7                            |               |                   | 1.6                     |                            |                                 | 35.3                      |
| Initial Spares  |                                 |               |                   |                         |                            |                                 |                           |
| Total Proc Cost   | 33.7                            |               |                   | 1.6                     |                            |                                 | 35.3                      |
| Flyaway U/C   |                                 |               |                   |                         |                            |                                 |                           |
| W C D II/C  |                                 | -             |                   |                         |                            | <del>-</del>                    |                           |
| Weapon System Proc U/C  Description: Provides for procurement/assembly of fuvehicles. | Il tracked vehicle organization | onal maintena | ance tool/shop se | ets. This equipment has | multi-applications an      | d is essential for effective ma | nintenance on all tracked |

Exhibit P-40

| Exhibit P-40, Budget Item   | Justification Shee | t          |              |                     |                                    | Date:                                 | y 2009     |
|---|--------------------|------------|--------------|---------------------|------------------------------------|---------------------------------------|------------|
| Appropriation / Budget Activity / Seria<br>Procurement of W&TCV, Army / 1 / |                    |            |              | P-1 Item Nomencla   | nture<br>ION BASE SUPPORT (TCV-WTG |                                       | y 2009     |
| Program Elements for Code B Items:  | Code               | <b>:</b> : | Other Relate | d Program Elements: |                                    |                                       |            |
|   | Prior Years        | FY 2       | 2008         | FY 2009             | FY 2010                            | To Complete                           | Total Prog |
| Proc Qty  |                    |            |              |                     |                                    |                                       |            |
| Gross Cost  | 444.               | 3          | 7.7          | 7.1                 | 6.6                                |                                       | 465.7      |
| Less PY Adv Proc  |                    |            |              |                     |                                    |                                       |            |
| Plus CY Adv Proc  |                    |            |              |                     |                                    |                                       |            |
| Net Proc P1   | 444.               | 3          | 7.7          | 7.1                 | 6.6                                |                                       | 465.7      |
| Initial Spares  |                    |            |              |                     |                                    |                                       |            |
| Total Proc Cost   | 444.               | 3          | 7.7          | 7.1                 | 6.6                                |                                       | 465.7      |
| Flyaway U/C   |                    |            |              |                     |                                    |                                       |            |
| Weapon System Proc U/C  |                    |            |              |                     |                                    | · · · · · · · · · · · · · · · · · · · |            |

This program provides for the Provision of Industrial Facilities (PIF). Funds are used to establish, modernize, expand or replace facilities owned by the Army. It provides Production Support Equipment Replacement and Modernization to Government-owned equipment and real property used in the production of Weapons and Tracked Combat Vehicles. The program also provides funding for Layaway of Industrial Facilities (LIF) and for the redistribution of equipment no longer required for production of Army systems. This effort supports the Reset, Abrams Integrated Management (AIM), Systems Enhancement Program (SEP) Programs and Spin-Out Framework. Funding is required for the preservation, Packing, Crating, Handling, and Transportation (PCH&T) of equipment excess to production, where such actions do not constitute substantial or complete shutdown or excessing of U.S. Army Tank-Automotive and Armaments Command (TACOM) production equipment. This program also funds projects to prevent unnecessary deterioration, perform maintenance, cover storage expenses of idle items of Government-owned equipment, and unplanned repairs to active equipment as situations arise.

### Justification:

FY10 Base procurement dollars in the amount of \$6.601 procures repair or replacement of Government-owned Industrial Plant Equipment (IPE) and Government-owned Real Property at the Joint System Manufacturing Center at Lima (JSMCL), formerly the Lima Army Tank Plant (LATP). In addition, this program procures repair or replacement of Government-owned IPE at contractor-owned manufacturing facilities in Muskegon, MI, Scranton, PA, Indianapolis, IN, and other locations. This request also supports emergency repairs to prevent production interruptions or loss of resources, as well as addressing threats to security, worker safety, and environmental issues. At JSMCL, projects include repair and rehab of machining centers, rehab of underground utilities and sewers, repair and upgrade of building electrical controls and resurfacing of deteriorating asphalt and concrete surfaces. At the other locations, most projects address planned rehab or emergency repair of Government-owned machining centers and other Government IPE. These projects help prevent increased costs due to obsolete or uneconomical equipment, and also address environmental and safety deficiencies. In addition, this project covers unplanned repairs to Government-owned equipment, as situations arise. The execution of this project will not have an impact on the quality of the environment. Funding is required to establish, modernize or replace Army-owned industrial facilities and equipment used in direct support of increased WTCV production requirements, resulting from ongoing heightened tensions/surge requirements in direct support of Oversea Contingency Operations (OCO). In the present OCO environment, TACOM's Industrial Base needs require funding to establish, modernize and/or replace Army owned industrial facilities and equipment used in direct support of increased WTCV production requirements (PIF Projects, Parts obsolescence, supplier non-availability, Foreign Dependency, and Single Source Failure issues) throughout the Industrial Base, and direct manufactur

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| Exhibit P-5, Weapon WTCV Cost Analysis | Appropriation/Budget Activity/Serial No:<br>Procurement of W&TCV, Army / 1 / Tractivehicles | ked com |            |       | menclature:<br>BASE SUPPORT | (TCV-WTCV) (G | A0050) | Weapon System | m Type:    | Date: | May 2009  |
|--|---|---------|------------|-------|-----------------------------|---------------|--------|---------------|------------|-------|-----------|
| WTCV                                   |   | ID      |            | FY 08 |                             |               | FY 09  |               |            | FY 10 |           |
| Cost Elemen                            | ts  | CD      | Total Cost | Qty   | Unit Cost                   | Total Cost    | Qty    | Unit Cost     | Total Cost | Qty   | Unit Cost |
|  |   |         | \$000      | Each  | \$000                       | \$000         | Each   | \$000         | \$000      | Each  | \$000     |
| PIF                                    |   |         | 7261       |       |                             | 6662          |        |               | 6601       |       |           |
| LIF                                    |   |         | 447        |       |                             | 453           |        |               |            |       |           |
|  |   |         |            |       |                             |               |        |               |            |       |           |
| Total:                                 |   |         | 7708       |       |                             | 7115          |        |               | 6601       | L     |           |

| Exhibit P-40, Budget Item  | Justification She | et  |              |                     |                                  | Date:       | ay 2009    |
|--|-------------------|-----|--------------|---------------------|----------------------------------|-------------|------------|
| Appropriation / Budget Activity / Serial<br>Procurement of W&TCV, Army / 1 / |                   |     |              | P-1 Item Nomencla   | ature<br>IBUS(TCV-WTCV) (GA2001) | 1741        | ay 2007    |
| Program Elements for Code B Items:   | Cod               | le: | Other Relate | d Program Elements: |                                  |             |            |
|  | Prior Years       | F   | Y 2008       | FY 2009             | FY 2010                          | To Complete | Total Prog |
| Proc Qty   |                   |     |              |                     |                                  |             |            |
| Gross Cost   | 403               | 3.5 | 7.3          | 6.7                 | 6.6                              |             | 424.0      |
| Less PY Adv Proc   |                   |     |              |                     |                                  |             |            |
| Plus CY Adv Proc   |                   |     |              |                     |                                  |             |            |
| Net Proc P1  | 403               | 3.5 | 7.3          | 6.7                 | 6.6                              |             | 424.0      |
| Initial Spares   |                   |     |              |                     |                                  |             |            |
| Total Proc Cost  | 403               | 3.5 | 7.3          | 6.7                 | 6.6                              |             | 424.0      |
| Flyaway U/C  |                   |     |              |                     |                                  |             |            |
| Weapon System Proc U/C   |                   |     |              |                     |                                  |             |            |

This program provides for the Provision of Industrial Facilities (PIF). Funds are used to establish, modernize, expand or replace facilities owned by the Army. It provides Production Support Equipment Replacement and Modernization to Government-owned equipment and real property used in the production of Weapons and Tracked Combat Vehicles. This effort supports the Reset, Abrams Integrated Management (AIM), Systems Enhancement Program (SEP) Programs and Spin-Out Framework. In addition this program supports multiple track and wheeled vehicle systems across the TACOM LCMC community.

### Justification:

FY10 Base procurement dollars in the amount of \$6.601 procures repair or replacement of Government-owned Industrial Plant Equipment (IPE) and Government-owned Real Property at the Joint System Manufacturing Center at Lima (JSMCL), formerly the Lima Army Tank Plant (LATP). In addition, this program procures repair or replacement of Government-owned IPE at contractor-owned manufacturing facilities in Muskegon, MI, Scranton, PA, Indianapolis, IN, and other locations. This request also supports emergency repairs to prevent production interruptions or loss of resources, as well as addressing threats to security, worker safety, and environmental issues. At JSMCL, projects include repair and rehab of machining centers, rehab of underground utilities and sewers, repair and upgrade of building electrical controls, and resurfacing of deteriorating asphalt and concrete surfaces. At the other locations, most projects address planned rehab or emergency repair of Government-owned machining centers and other Government IPE. These projects help prevent increased costs due to obsolete or uneconomical equipment, and also address environmental and safety deficiencies. Funding is required to establish, modernize or replace Army-owned industrial facilities and equipment used in direct support of increased WTCV production requirements, resulting from ongoing heightened tensions/surge requirements in direct support of Overseas Contingency Operations (OCO). In the present OCO environment, TACOM's Industrial Base needs requires funding to establish, modernize and/or replace Army owned industrial facilities and equipment used in direct support of increased WTCV production requirements (PIF Projects, Parts obsolescence, supplier non-availability, Foreign Dependency, and Single Source Failure issues) throughout the Industrial Base, and direct manufacturing support of the Organic Base.

| propriation / Budget Activity / Serial No:<br>Procurement of W&TCV, Army / 1 | / Tracked combat vehicles       |                       | P-1 Item Nomenclature |              |         | 1       |
|--|---------------------------------|-----------------------|-----------------------|--------------|---------|---------|
| FI CCIPY   | 7 Trucked combat venicles       |                       | PIF1 OMNIBUS(TCV-WT)  | CV) (GA2001) |         |         |
| rogram Elements for Code B Items:  | Code:                           | Other Related Program | ı Elements:           |              |         |         |
| <u>Location</u>  | Project Title                   |                       | <u>Project</u>        | FY 2008      | FY 2009 | FY 2010 |
| Production Support   |                                 |                       |                       |              |         | ļ       |
| M  | 11 Abrams Program-LIMA          |                       | U6037                 | 4559         | 3997    | 3695    |
| M  | 11 Abrams Program-SCRANTON      |                       | U6040                 | 2702         | 2665    | 2464    |
| T.   | ACOM LCMC Production Base Spt P | rogram                | U4282                 |              |         | 442     |
| Si   | ubtotal - Production            |                       |                       | 7,261        | 6,662   | 6,601   |
| <u>Environmental</u>   |                                 |                       |                       |              |         |         |
| Si   | ubtotal - Environmental         |                       |                       | 0            | 0       | 0       |
| Total '  | Industrial Facilities           |                       |                       | 7,261        | 6,662   | 6,601   |

| . Project Title/Type<br>11 Abrams Program-LIMA     |                       |                        |       | 3. End I | tem Supported Model<br>Not Applicable |                   |                        |                |          |            |       |       |
|--|-----------------------|------------------------|-------|----------|---------------------------------------|-------------------|------------------------|----------------|----------|------------|-------|-------|
| . Project Number:<br>U6037                         | 5. Annual Capa<br>N/A | city Before (1-8-<br>A | 5)    |          |                                       |                   | 6. Annual Capacity N/A | After (1-8-5): |          |            |       |       |
| <b>Element of Cost</b>                             |                       | FY 08                  | FY 09 | FY 10    | H. Facility                           |                   |                        |                |          |            |       |       |
| A. Construction Cost                               |                       | 4559                   | 3997  | 3695     | 1. Name:                              |                   | _                      |                |          |            |       |       |
| . Equipment Cost* (Individual equipment co         |                       |                        |       |          | 2. Location:                          |                   | TACOM                  | <u> </u>       |          |            |       |       |
| pecified for all equipment costing more than \$0.5 | Million)              |                        |       |          | 3. Type (GOGO, GO                     | CO, COCO):        |                        |                |          |            |       |       |
| 1.<br>2.   |                       |                        |       |          | I. Related Projects                   |                   |                        |                |          |            |       |       |
| 3.   |                       |                        |       |          | Project                               |                   | Title                  | FY &           | Value    | Facing     | Start | Compl |
| ubtotal Costs                                      |                       |                        |       |          | Number                                |                   |                        | Appn           | (\$ Mil) |            | Date  | Date  |
| . Equipment Installation Cost                      |                       |                        |       |          |                                       |                   |                        |                |          |            |       |       |
| . Contractor Support Cost                          |                       |                        |       |          |                                       |                   |                        |                |          |            |       |       |
| . Corps of Engineers Support Cost                  |                       |                        |       |          |                                       |                   |                        |                |          |            |       |       |
| Other In-House Support Cost                        |                       |                        |       |          |                                       |                   |                        |                |          |            |       |       |
| otal Facility Project Cost                         |                       | 4559                   | 3997  | 3695     | J. Principal Milesto                  | nes               |                        |                | <u> </u> | Month & Y  | Vear  |       |
| . Other Costs                                      |                       |                        |       |          | o. i imeipui iimesto                  | nt Design Com     | nlete:                 |                |          | Not Applic |       |       |
| 1. Facility Prove-out Cost                         |                       |                        |       |          | -                                     | esign Complet     |                        |                |          | Not Applie |       |       |
| 2. Material Construction Appn.                     |                       |                        |       |          |                                       | Final Project A   |                        |                |          | Not Applic |       |       |
|  |                       |                        |       |          |                                       | action Complet    |                        |                |          | Not Applic |       |       |
|  |                       |                        |       |          |                                       | nent Installation |                        |                |          | Not Applic |       |       |
|  |                       |                        |       |          | 6. Prove (                            | Out Begins:       |                        |                |          | Not Applic |       |       |
|  |                       |                        |       |          | 7. Prove 0                            | Out Complete:     |                        |                |          | Not Applic | able  |       |

| Project Title/Type<br>1 Abrams Program-SCRANTON   |                       |                   |       | 3. End I | tem Supported Model<br>Not Applicable                    |                       |                      |                |          | ·          |               |      |
|---|-----------------------|-------------------|-------|----------|--|-----------------------|----------------------|----------------|----------|------------|---------------|------|
| Project Number:<br>U6040  | 5. Annual Capa<br>N/. | city Before (1-8- | -5)   |          |  |                       | 6. Annual Capacity A | After (1-8-5): |          |            |               |      |
| Element of Cost   |                       | FY 08             | FY 09 | FY 10    | H. Facility  |                       |                      |                |          |            |               |      |
| Construction Cost   |                       | 2702              | 2665  | 2464     | 1. Name:   |                       | _                    |                |          |            |               |      |
| Equipment Cost* (Individual equipment of sciffed for all equipment costing more than \$0. |                       |                   |       |          | <ul><li>2. Location:</li><li>3. Type (GOGO, GO</li></ul> | CO COCO):             | TACOM                | _              |          |            |               |      |
| 1.  |                       |                   |       |          | I. Related Projects                                      | <del>co, coco).</del> |                      |                |          |            |               |      |
| 2.  |                       |                   |       |          |  |                       | Title                | FY &           | Value    | Engina     | Stort         | Comp |
| 3.  |                       |                   |       |          | Project<br>Number  |                       | 11110                | Appn           | (\$ Mil) | Facing     | Start<br>Date | Date |
| btotal Costs  |                       |                   |       |          |  |                       |                      | 11             |          |            |               |      |
| Equipment Installation Cost   |                       |                   |       |          |  |                       |                      |                |          |            |               |      |
| Contractor Support Cost   |                       |                   |       |          |  |                       |                      |                |          |            |               |      |
| Corps of Engineers Support Cost   |                       |                   |       |          |  |                       |                      |                |          |            |               |      |
| Other In-House Support Cost   |                       |                   |       |          |  |                       |                      |                |          |            |               |      |
| tal Facility Project Cost   |                       | 2702              | 2665  | 2464     | J. Principal Milesto                                     | nes                   |                      |                | II.      | Month & Y  | Year          | II   |
| Other Costs   |                       |                   |       |          | _  | t Design Com          | iplete:              |                |          | Not Applic | able          |      |
| 1. Facility Prove-out Cost  |                       |                   |       |          | _  | esign Comple          | -                    |                |          | Not Applic |               |      |
| 2. Material Construction Appn.  |                       |                   |       |          |  | inal Project A        |                      |                |          | Not Applic |               |      |
|   |                       |                   |       |          |  | ction Comple          |                      |                |          | Not Applic |               |      |
|   |                       |                   |       |          |  | ent Installatio       |                      |                |          | Not Applic |               |      |
|   |                       |                   |       |          |  | Out Begins:           | •                    |                |          | Not Applic |               |      |
|   |                       |                   |       |          |  | Out Complete:         |                      |                |          | Not Applic |               |      |
| rrative Explanation:  |                       | 1                 |       |          |  |                       |                      |                |          | **         |               |      |

|  | . Project Title/Type<br>ACOM LCMC Production Base Spt Pro | ogram            |       |       | 3. End | Item Supported Model<br>Not Applicable |                    |          |             |          |            |             |       |
|--|---|------------------|-------|-------|--------|--|--------------------|----------|-------------|----------|------------|-------------|-------|
| A. Construction Cost  B. Equipment Cost* (Individual equipment cost should be pecified for all equipment costing more than \$0.5 Million)  1. 2.   |   |                  |       | 8-5)  | •      |  | 6. A               |          | er (1-8-5): |          |            |             |       |
| 3. Equipment Cost* (Individual equipment cost should be pecified for all equipment costing more than \$0.5 Million)  1. 2.   | <b>Element of Cost</b>                                    |                  | FY 08 | FY 09 | FY 10  | H. Facility                            |                    |          |             |          |            |             |       |
| 3. Type (GOGO, GOCO, COCO):  1. 2. 3. Type (GOGO, GOCO, COCO):    I. Related Projects  | . Construction Cost                                       |                  |       |       |        | 1. Name:                               |                    | -        |             |          |            |             |       |
| 1. Related Projects  2. Project Title FY & Value Appn (S Mil) Date Date  3. Subtotal Costs  442  442  442  442  444  445  446  Contractor Support Cost Corps of Engineers Support Cost Cother In-House Support Cost Cother Costs  1. Facility Project Cost 2. Adterial Construction Appn.  444  445  446  447  447  448  449  449  440  440  440  440  441  441  | . Equipment Cost* (Individual equipmen                    | t cost should be |       |       | 442    | 2 2. Location:                         |                    | TACOM    |             |          |            |             |       |
| 2. 3. 1. Related Projects  Project Title FY & Value Facing Start Com Number Support Cost 2. Equipment Installation Cost 3. Corps of Engineers Support Cost 442  1. Concept Design Complete: 2. Material Construction Appn.  1. Facility Prove-out Cost 2. Material Construction Appn.  1. Facility Prove Cout Complete: 3. Initial/Final Project Award: 4. Construction Complete: 4. Construction Complete: 5. Equipment Installation Complete: 6. Prove Out Begins: 7. Prove Out Complete: 8. Not Applicable 8. Not Applicable 9. Prove Out Complete: 8. Not Applicable 9. Prove Out Begins: 8. Not Applicable 8. Not Applicable 8. Not Applicable 9. Prove Out Begins: 8. Not Applicable 9. Prove Out Complete: 9. Prove Out Complete: 9. |   | 0.5 Million)     |       |       |        | 3. Type (GOGO, GOC                     | O, COCO):          | -        |             |          |            |             |       |
| 3. ubtotal Costs Lequipment Installation Cost Corps of Engineers Support Cost Cother In-House Support Cost Line Costs Line Costs Line Composition Appn.  442  442  444  445  445  446  447  447  448  448  449  449  449  449  |   |                  |       |       |        | I. Related Projects                    |                    |          |             |          |            |             |       |
| Subtotal Costs  C. Equipment Installation Cost  C. Corps of Engineers Support Cost  C. Other In-House Support Cost  C. Other In-House Support Cost  C. Other Costs  1. Facility Proyec-out Cost  2. Material Construction Appn.  442  442  444  445  446  447  448  448  449  449  449  449  440  440  |   |                  |       |       |        | Project                                | Titl               | le       |             | Value    | Facing     | Start       | Compl |
| A Equipment Installation Cost A Contractor Support Cost A Corps of Engineers Support Cost A Cother In-House Support Cost A Cother In-House Support Cost A Cother Costs A Cother Costs A Cother Costs A Cother Cost A Concept Design Complete: A Construction Co |   |                  |       |       |        |  |                    |          | Appn        | (\$ Mil) |            | Date        | Date  |
| A. Corps of Engineers Support Cost C. Other In-House Support Cost Cothar In-House Support Cost Cothar In-House Support Cost Cother Costs  1. Facility Prove-out Cost 2. Material Construction Appn.  2. Material Construction Appn.  3. Initial/Final Project Award: 442 442 444 445 444 445 444 444 445 444 444   |   |                  |       |       | 442    | 2                                      |                    |          |             |          |            |             |       |
| C. Corps of Engineers Support Cost C. Other In-House Support Cost C. Other In-House Support Cost C. Other Costs | • •   |                  |       |       |        |  |                    |          |             |          |            |             |       |
| Active Fig. 1. Concept Design Complete:  1. Facility Prove-out Cost  2. Material Construction Appn.  3. Initial/Final Project Award:  4. Construction Complete:  4. Construction Complete:  5. Equipment Installation Complete:  6. Prove Out Begins:  7. Prove Out Complete:  Not Applicable  Not Applicable  Not Applicable  Not Applicable  Not Applicable  Not Applicable  Not Applicable  Not Applicable  Not Applicable  Not Applicable  Not Applicable  Not Applicable  Not Applicable  Not Applicable  Not Applicable  Not Applicable  Not Applicable  |   |                  |       |       |        |  |                    |          |             |          |            |             |       |
| Additive Project Cost  Other Costs  1. Concept Design Complete:  1. Facility Prove-out Cost  2. Material Construction Appn.  3. Initial/Final Project Award:  4. Construction Complete:  5. Equipment Installation Complete:  6. Prove Out Begins:  7. Prove Out Complete:  Not Applicable  Not Applicable  Not Applicable  Not Applicable  Not Applicable  Not Applicable  Not Applicable  Not Applicable  Not Applicable  Not Applicable   |   |                  |       |       |        |  |                    |          |             |          |            |             |       |
| 1. Concept Design Complete: 1. Facility Prove-out Cost 2. Final Design Complete: 3. Initial/Final Project Award: 4. Construction Appn. 5. Equipment Installation Complete: 5. Equipment Installation Complete: 6. Prove Out Begins: 7. Prove Out Complete: Not Applicable Not Applicable Not Applicable Not Applicable Not Applicable Not Applicable Not Applicable Not Applicable Not Applicable  |   |                  |       |       |        |  |                    |          |             |          |            |             |       |
| 1. Facility Prove-out Cost 2. Final Design Complete:  Not Applicable 3. Initial/Final Project Award: 4. Construction Complete: Not Applicable 4. Construction Complete: Not Applicable 5. Equipment Installation Complete: Not Applicable 6. Prove Out Begins: Not Applicable 7. Prove Out Complete: Not Applicable  | • •   |                  |       |       | 442    | J. Principal Milestone                 | es                 |          |             |          | Month & Y  | l'ear       |       |
| 2. Material Construction Appn.  3. Initial/Final Project Award:  4. Construction Complete:  Not Applicable  5. Equipment Installation Complete:  6. Prove Out Begins:  7. Prove Out Complete:  Not Applicable  Not Applicable  Not Applicable  |   |                  |       |       |        | 1. Concept 1                           | Design Complete    | e:       |             |          | Not Applic | able_       |       |
| 4. Construction Complete:  5. Equipment Installation Complete:  6. Prove Out Begins:  7. Prove Out Complete:  Not Applicable  Not Applicable  Not Applicable   | •   |                  |       |       |        | 2. Final Des                           | ign Complete:      |          |             |          | Not Applic | able_       |       |
| 5. Equipment Installation Complete: 6. Prove Out Begins: 7. Prove Out Complete: Not Applicable Not Applicable  | 2. Material Construction Appr                             | 1.               |       |       |        | 3. Initial/Fir                         | nal Project Awar   | rd:      |             |          | Not Applic | able        |       |
| 6. Prove Out Begins: Not Applicable 7. Prove Out Complete: Not Applicable  |   |                  |       |       |        | 4. Construct                           | tion Complete:     |          |             |          | Not Applic | able_       |       |
| 7. Prove Out Complete: Not Applicable  |   |                  |       |       |        | 5. Equipmen                            | nt Installation Co | omplete: |             |          | Not Applic | able_       |       |
|  |   |                  |       |       |        | 6. Prove Ou                            | t Begins:          |          |             |          | Not Applic | able_       |       |
| Varrative Explanation:   |   |                  |       |       |        | 7. Prove Ou                            | t Complete:        |          |             |          | Not Applic | able_       |       |
|  | arrative Explanation:                                     |                  |       |       |        | 7. Flove Ou                            | i Complete.        |          |             |          | <u> </u>   | <u>abie</u> |       |
|  |   |                  |       |       |        |  |                    |          |             |          |            |             |       |
|  |   |                  |       |       |        |  |                    |          |             |          |            |             |       |
|  |   |                  |       |       |        |  |                    |          |             |          |            |             |       |
|  |   |                  |       |       |        |  |                    |          |             |          |            |             |       |
|  |   |                  |       |       |        |  |                    |          |             |          |            |             |       |

| Exhibit P-40, Budget Item Ju   | ustification Sheet |               |                     |                                | Date:       | y 2009     |
|--|--------------------|---------------|---------------------|--------------------------------|-------------|------------|
| Appropriation / Budget Activity / Serial N<br>Procurement of W&TCV, Army / 1 / Tra |                    |               | P-1 Item Nomenclatu | ire<br>OF INDUSTRIAL FACILITIE |             | , 2009     |
| Program Elements for Code B Items:   | Code:              | Other Related | d Program Elements: |                                |             |            |
|  | Prior Years        | FY 2008       | FY 2009             | FY 2010                        | To Complete | Total Prog |
| Proc Qty   |                    |               |                     |                                |             |            |
| Gross Cost   | 40.4               | 0.4           | 0.5                 |                                |             | 41.3       |
| Less PY Adv Proc   |                    |               |                     |                                |             |            |
| Plus CY Adv Proc   |                    |               |                     |                                |             |            |
| Net Proc P1  | 40.4               | 0.4           | 0.5                 |                                |             | 41.3       |
| Initial Spares   |                    |               |                     |                                |             |            |
| Total Proc Cost  | 40.4               | 0.4           | 0.5                 |                                |             | 41.3       |
| Flyaway U/C  |                    |               |                     |                                |             |            |
| Weapon System Proc U/C   |                    |               |                     |                                |             |            |

The program provides funding for Layaway of Industrial Facilities (LIF) and for the redistribution of equipment no longer required for production of Army systems. This effort supports programs under the auspices of the Tank-Automotive and Armaments Command (TACOM) Life Cycle Management Community (LCMC). Funding is required for the preservation, Packing, Crating, Handling, and Transportation (PCH&T) of equipment excess to production, where such actions do not constitute substantial or complete shutdown or excessing of U.S. Army Tank-Automotive and Armaments Command (TACOM) production equipment. This program also funds projects to prevent unnecessary deterioration, perform maintenance, cover storage expenses of idle items of Government-owned equipment, and unplanned repairs to active equipment as situations arise.

### Justification:

FY10 has no funding.

|   |                   |                 |   |                          | T               |              |
|---|-------------------|-----------------|---|--------------------------|-----------------|--------------|
| Exhibit P-40C, Budget Item Justific   | cation Sheet      |                 |   |                          | Date:<br>May 20 | 009          |
| Appropriation / Budget Activity / Serial No: Procurement of W&TCV, Army / 1 / Tracket | d combat vehicles |                 | P-1 Item Nomenclature<br>LAYAWAY OF IND | USTRIAL FACILITIES (GA21 | .00)            |              |
| Program Elements for Code B Items:  | Code:             | Other Related I | Program Elements:                       |                          |                 |              |
| Location  | Project Tit       | <del></del>     | <u>Project</u>                          | <u>FY 08</u>             | <u>FY 09</u>    | <u>FY 10</u> |
| Rock Island Aresenal Rock Island, Illinois TACOM L                                    | _                 | Program         | U4282                                   | 0.447                    | 0.453           |              |
|   | Total             |                 |   | 0.447                    | 0.453           |              |
|   |                   |                 |   |                          |                 |              |
|   |                   |                 |   |                          |                 |              |
|   |                   |                 |   |                          |                 |              |
|   |                   |                 |   |                          |                 |              |
|   |                   |                 |   |                          |                 |              |
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| Title: TACOM LCMC Production Base Spt Program Description:  Manufacturer (Name and Location) Rock Island Aresenal Rock Island, Illinois  Production Lines being laid away (Include Location) Production Ends  |  |                                  |                    |                       |                           |                          |
|---|--|----------------------------------|--------------------|-----------------------|---------------------------|--------------------------|
| Project: V4282 FY 2008 FY 2009 FY 2010  Funding: O.447  Title: TACOM LCMC Production Base Spt Program Description:  Manufacturer (Name and Location) Rock Island Aresenal Rock Island, Illinois  Project: V4282  Production Lines being laid away (Include Location) Rock Island Aresenal Rock Island, Illinois | Exhibit P-17, Layaway and/or Distribu  | ution                            |                    |                       |                           |                          |
| Funding: 0.447 0.453 0.453  Title: TACOM LCMC Production Base Spt Program Description: Production Hase Spt Program Rock Island Aresenal Rock Island, Illinois Production Lines being laid away (Include Location) Production Ends   | Appropriation / Budget Activity / Serial No:<br>Procurement of W&TCV, Army / 1 / Tracked con | mbat vehicles                    |                    | P-1 Item Nome<br>LAYA | nclature<br>WAY OF INDUST | RIAL FACILITIES (GA2100) |
| Title: TACOM LCMC Production Base Spt Program Description:  Manufacturer (Name and Location) Rock Island Aresenal Rock Island, Illinois  Production Lines being laid away (Include Location) Production Ends  | Project: U4282   | FY 2008                          | <u> </u>           | FY 2009               |                           | FY 2010                  |
| Description:  Manufacturer (Name and Location) Rock Island Aresenal Rock Island, Illinois  Production Lines being laid away (Include Location) Production Ends  | Funding:   | 0.447                            |                    |                       | 0.453                     |                          |
| Manufacturer (Name and Location) Rock Island Aresenal Rock Island, Illinois  Production Lines being laid away (Include Location) Production Ends  | Title: TACOM LCMC Production Base Spt Progr  | ram                              |                    |                       |                           |                          |
| Rock Island Aresenal Rock Island, Illinois  | Description:   |                                  |                    |                       |                           |                          |
| Layaway Cost:  Other Costs:  Annual Maintenance Cost:   | Manufacturer (Name and Location) Rock Island Aresenal Rock Island, Illinois                  | Production Lines being laid away | (Include Location) |                       | Production End            | ls                       |
|   | Layaway Cost:  | Other Costs:                     |                    |                       | Annual Mainter            | nance Cost:              |
|   |  |                                  |                    |                       |                           |                          |

| Exhibit P-40, Budget Item  | <b>Justification Sheet</b> |       |                 |                                |                                     | Date:       | 2000       |
|--|----------------------------|-------|-----------------|--------------------------------|-------------------------------------|-------------|------------|
|  |                            |       |                 |                                |                                     | Mia         | y 2009     |
| Appropriation / Budget Activity / Seri<br>Procurement of W&TCV, Army / 2 / |                            | S     |                 | P-1 Item Nomenclar<br>HOWITZER | ture<br>s, LIGHT, TOWED, 105MM, M11 | 19 (G01300) |            |
| Program Elements for Code B Items:   | Code:                      | Α (   | Other Related F | Program Elements:<br>54.509    |                                     |             |            |
|  | Prior Years                | FY 20 | 008             | FY 2009                        | FY 2010                             | To Complete | Total Prog |
| Proc Qty   | 624                        |       | 127             | 90                             | 70                                  |             | 911        |
| Gross Cost   | 497.4                      |       | 117.2           | 112.6                          | 95.6                                |             | 822.9      |
| Less PY Adv Proc   |                            |       |                 |                                |                                     |             |            |
| Plus CY Adv Proc   |                            |       |                 |                                |                                     |             |            |
| Net Proc P1  | 497.4                      |       | 117.2           | 112.6                          | 95.6                                |             | 822.9      |
| Initial Spares   |                            |       |                 |                                |                                     |             |            |
| Total Proc Cost  | 497.4                      |       | 117.2           | 112.6                          | 95.6                                |             | 822.9      |
| Flyaway U/C  |                            |       |                 |                                |                                     |             |            |
| Weapon System Proc U/C   | 0.8                        |       | 0.9             | 1.3                            | 1.4                                 |             | 4.3        |

The M119A2 105MM Towed Howitzer provides direct artillery fire support for the light forces. Army transition to a modular force has increased the need for this system. Production was restarted in FY2005. The National Guard will replace its Vietnam-era M102, 105MM howitzers with this improved weapon. Non Recurring Engineering (NRE) is conducted to facilitate integration of the Digitization Modification.

FY09 Weapon System Procurement Unit Cost is high because of Long Lead requirements for the following year (FY10).

### Justification:

FY10 Base dollars of \$95.631 million will procure 70 howitzers, initial spares, testing and the Digitization Integration system modification.

|                | O.T.Y.     | FY2008   | FY2009   | FY2010   |
|----------------|------------|----------|----------|----------|
| Active         | QTY        | 74       | 26       | 31       |
|                | Gross Cost | \$68.332 | \$34.115 | \$39.680 |
| National Guard | QTY        | 53       | 64       | 39       |
|                | Gross Cost | \$48.902 | \$78.483 | \$55.951 |

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Exhibit P-40

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Budget Item Justification Sheet

| Exhibit P-5, Weapon WTCV Cost Analysis   | Appropriation/Budget Activity/Serial No:<br>Procurement of W&TCV, Army / 2 / Weat<br>combat vehicles | pons and |            |       | menclature:<br>GHT, TOWED, 10 | 5MM, M119 (G0 | 1300) | Weapon Syster | n Type:    | Date: | May 2009  |
|--|--|----------|------------|-------|-------------------------------|---------------|-------|---------------|------------|-------|-----------|
| WTCV                                     |  | ID       |            | FY 08 |                               |               | FY 09 |               |            | FY 10 |           |
| Cost Elemen                              | ts   | CD       | Total Cost | Qty   | Unit Cost                     | Total Cost    | Qty   | Unit Cost     | Total Cost | Qty   | Unit Cost |
|  |  |          | \$000      | Units | \$000                         | \$000         | Units | \$000         | \$000      | Units | \$000     |
| M119A2 105mm Howitzer Production         |  | Α        | 95695      | 127   | 754                           | 70830         | 90    | 787           | 56490      | 70    | 807       |
| Basic Issue Items & Initial Spares       |  |          | 5668       |       |                               | 6182          |       |               | 7000       | )     |           |
| Test / Acceptance                        |  |          | 5945       |       |                               | 6120          |       |               | 6420       | )     |           |
| System Eng / Program Mgt / Fielding      |  |          | 9926       |       |                               | 14566         |       |               | 15548      | 3     |           |
| Digitization Integration (NRE) Modificat |  |          |            |       |                               | 14900         |       |               | 10173      | 3     |           |
|  |  |          |            |       |                               |               |       |               |            |       |           |
| Total:                                   |  |          | 117234     |       |                               | 112598        |       |               | 95631      | 1     |           |

| Exhibit P-5a, Budget Procurement   | nt History and Planning                        |                                |   |               |                           |              |                    | Oate:<br>Aay 2009      | 9                      |                      |
|--|--|--------------------------------|---|---------------|---------------------------|--------------|--------------------|------------------------|------------------------|----------------------|
| Appropriation/Budget Activity/Serial No: Procurement of W&TCV, Army/ 2/ Weapons and other com- | Weapon System Type:                            | P-1 Line Item N<br>HOWITZER, I | Nomenclature:<br>LIGHT, TOWED, 105MM, N | 1119 (G01300) |                           |              | •                  |                        |                        |                      |
| WBS Cost Elements:   | Contractor and Location                        | Contract<br>Method and<br>Type | Location of PCO                         | Award Date    | Date of First<br>Delivery | QTY<br>Units | Unit Cost<br>\$000 | Specs<br>Avail<br>Now? | Date<br>Revsn<br>Avail | RFP<br>Issue<br>Date |
| M119A2 105mm Howitzer Production   |  |                                |   |               |                           |              |                    |                        |                        |                      |
| FY 2008  | FY 2008 Rock Island Arsenal<br>Rock Island, IL |                                |   | Dec 07        | Apr 09                    | 127          | 754                |                        |                        |                      |
| FY 2009  | Rock Island Arsenal<br>Rock Island, IL         | PWD                            |   | Dec 08        | Mar 10                    | 90           | 787                |                        |                        |                      |
| FY 2010  | Rock Island Arsenal<br>Rock Island, IL         | PWD                            |   | Dec 09        | Dec 10                    | 70           | 807                |                        |                        |                      |

REMARKS: Funds are provided to Rock Island Arsenal via Procurement Work Directive (PWD) for M119A2 production.

NOTES: FY09 Weapon System Procurement Unit Cost is high because of Long Lead requirements for the following year (FY10).

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|        |         | F       | F <b>Y 09</b> / | 10 BU       | J <b>DGE</b>   | Γ PR(       | ODUC        | CTIO        | N SCI  | HEDU   | LE       |         |             | P-1 ITEN<br>HOWITZ |          |             |             | 05MM,       | M119 (      | G01300      | )        |             | Dat      | te:         | May 20      | 009         |        |             |             |       |   |
|--------|---------|---------|-----------------|-------------|----------------|-------------|-------------|-------------|--------|--------|----------|---------|-------------|--------------------|----------|-------------|-------------|-------------|-------------|-------------|----------|-------------|----------|-------------|-------------|-------------|--------|-------------|-------------|-------|---|
|        | C       | OST     | ELEM            | IENTS       | ;              |             |             |             |        |        | Fiscal Y | Year 09 | ,           |                    |          |             |             |             |             |             |          |             | Fiscal Y | ear 10      | )           |             |        |             |             |       |   |
|        |         | S       | PROC            | ACCEP       | BAL            |             |             |             |        |        |          |         |             | Calenda            | r Year 0 | 9           |             |             |             |             |          |             |          | Caler       | ıdar Yea    | ar 10       |        |             |             |       |   |
| M<br>F | FY      | E       | QTY             | PRIOR       |                | О           | N           | D           | J      | F      | M        | A       | M           | J                  | J        | A           | c           | 0           | N           | D           | J        | F           | M        | A           | М           | J           | J      | A           | S           |       |   |
| R      | гі      | R<br>V  | Units           | TO<br>1 OCT | AS OF<br>1 OCT | C<br>T      | O<br>V      | E<br>C      | A<br>N | E<br>B | A<br>R   | P<br>R  | A<br>Y      | U<br>N             | U<br>L   | U<br>G      | S<br>E<br>P | O<br>C<br>T | O<br>V      | E<br>C      | A<br>N   | E<br>B      | A<br>R   | P<br>R      | A<br>Y      | U<br>N      | U<br>L | U<br>G      | E<br>P      | Later |   |
| M1     | 19A2 10 | )5mm H  | Iowitzer F      | Production  | l              |             |             |             |        |        |          |         |             |                    |          |             |             |             |             |             |          |             |          |             |             |             |        |             |             |       |   |
|        | FY 08   | A       | 127             | 0           |                |             |             |             |        |        |          | 10      | 10          | 10                 | 10       | 10          | 10          | 10          | 10          | 10          | 10       | 10          | 6        | 6           | 5           |             |        |             |             | 0     |   |
|        | FY 09   | A       | 90              | 0           | 90             |             |             | A           |        |        |          |         |             |                    |          |             |             |             |             |             |          |             | 4        | 4           | 5           | 10          | 10     | 10          | 10          |       |   |
| 1      | FY 10   | A       | 70              | 0           | 70             |             |             | <u> </u>    |        |        |          |         |             |                    |          |             |             |             |             | A           |          |             |          |             |             |             |        |             |             | 70    |   |
|        |         |         |                 |             |                |             |             | ļ           |        |        |          |         |             |                    |          |             |             |             |             |             |          |             |          |             |             |             |        |             |             |       |   |
|        |         |         |                 |             |                |             |             |             |        |        |          |         |             |                    |          |             |             |             |             |             |          |             |          |             |             |             |        |             |             |       |   |
|        |         |         |                 |             |                |             |             | ļ           |        |        |          |         |             |                    |          |             |             |             |             |             |          |             |          |             |             |             |        |             |             |       |   |
|        |         |         |                 |             |                |             |             | <u> </u>    |        |        |          |         |             |                    |          |             |             |             |             |             |          |             |          |             |             |             |        |             |             |       |   |
|        |         |         |                 |             |                |             |             |             |        |        |          |         |             |                    |          |             |             |             |             |             |          |             |          |             |             |             |        |             |             |       |   |
|        |         |         |                 |             |                |             |             |             |        |        |          |         |             |                    |          |             |             |             |             |             |          |             |          |             |             |             |        |             |             |       |   |
|        |         |         |                 |             |                |             |             |             |        |        |          |         |             |                    |          |             |             |             |             |             |          |             |          |             |             |             |        |             |             |       |   |
|        |         |         |                 |             |                |             |             |             |        |        |          |         |             |                    |          |             |             |             |             |             |          |             |          |             |             |             |        |             |             |       |   |
|        |         |         |                 |             |                |             |             |             |        |        |          |         |             |                    |          |             |             |             |             |             |          |             |          |             |             |             |        |             |             |       |   |
|        |         |         |                 |             |                |             |             |             |        |        |          |         |             |                    |          |             |             |             |             |             |          |             |          |             |             |             |        |             |             |       |   |
| Tot    | al      | 1       |                 |             | 287            |             |             |             |        |        |          | 10      | 10          | 10                 | 10       | 10          | 10          | 10          | 10          | 10          | 10       | 10          | 10       | 10          | 10          | 10          | 10     | 10          | 10          | 107   |   |
|        |         |         |                 |             |                | O<br>C<br>T | N<br>O<br>V | D<br>E<br>C | J<br>A | F<br>E | M<br>A   | A<br>P  | M<br>A<br>Y | J<br>U             | J<br>U   | A<br>U<br>G | S<br>E<br>P | O<br>C<br>T | N<br>O<br>V | D<br>E<br>C | J<br>A   | F<br>E<br>B | M<br>A   | A<br>P<br>R | M<br>A<br>Y | J<br>U<br>N | J<br>U | A<br>U<br>G | S<br>E<br>P |       |   |
|        |         |         |                 |             |                | 1           | V           |             | N      | В      | R        | R       | ĭ           | N                  | L        | G           | P           | 1           | V           | C           | N        | В           | R        | K           | Y           | N           | L      | G           | Р           |       |   |
| М      |         |         |                 |             |                |             | 1           | PRODU       | CTION  | RATES  |          |         |             |                    |          | A           | DMIN I      | EAD T       | IME         |             | MFR      |             | TOTA     | AL          | REMA        | RKS         |        |             |             |       | 1 |
| F      |         |         |                 |             |                |             |             |             |        |        | Reac     | hed M   | FR          |                    |          | Pric        | or 1 Oct    | After       | r 1 Oct     | Aft         | er 1 Oct |             | After 1  | Oct         |             |             |        |             |             |       |   |
| R      |         |         | Nam             | ne - Locati | on             |             | N           | MIN         | 1-8-5  | MAX    | D+       | - :     | l Ini       | ial                |          |             | 0           |             | 3           |             | 16       |             | 19       |             |             |             |        |             |             |       |   |
| 1      | Rock I  | sland A | arsenal, Ro     | ock Island  | l, IL          |             |             | 12          | 120    | 120    |          |         | Re          | order              |          |             | 0           |             | 3           |             | 15       |             | 18       |             |             |             |        |             |             |       |   |
|        |         |         |                 |             |                |             |             |             |        |        |          |         | Ini         | ial                |          |             |             |             |             |             |          |             |          |             |             |             |        |             |             |       |   |
|        |         |         |                 |             |                |             |             |             |        |        |          |         | Re          | order              |          |             |             |             |             |             |          |             |          |             |             |             |        |             |             |       |   |
|        |         |         |                 |             |                |             |             |             |        |        |          |         | Ini         | ial                |          |             |             |             |             |             |          |             |          |             |             |             |        |             |             |       |   |
|        |         |         |                 |             |                |             |             |             |        |        |          |         | Re          | order              |          |             |             |             |             |             |          |             |          |             |             |             |        |             |             |       |   |
|        |         |         |                 |             |                |             |             |             | -      |        |          |         | Ini         | ial                |          |             |             |             |             |             |          |             |          |             |             |             |        |             |             |       |   |
|        |         |         |                 |             |                |             |             |             |        |        |          |         | Re          | order              |          |             |             |             |             |             |          |             |          |             |             |             |        |             |             |       |   |
|        |         |         |                 |             |                |             |             |             |        |        |          |         | Ini         | ial                |          |             |             |             |             |             |          |             |          |             |             |             |        |             |             |       |   |
|        |         |         |                 |             |                |             |             |             |        |        |          |         | Re          | order              |          |             |             |             |             |             |          |             |          |             |             |             |        |             |             |       |   |

|        |                | F       | FY 11 /     | 12 BU          | J <b>DGE</b> | ΓPRO   | ODUC   | CTIO     | N SCI    | HEDU   | LE       |         |        | P-1 ITEN<br>HOWITZ |           |        |          | 05MM,  | , M119 ( | G01300 | )           |             | Dat      | te:    | May 20      | 009    |        |             |             |       |   |
|--------|----------------|---------|-------------|----------------|--------------|--------|--------|----------|----------|--------|----------|---------|--------|--------------------|-----------|--------|----------|--------|----------|--------|-------------|-------------|----------|--------|-------------|--------|--------|-------------|-------------|-------|---|
|        | C              | OST     | ELEM        | IENTS          | }            |        |        |          |          |        | Fiscal ' | Year 11 | L      | ı                  |           |        |          |        |          |        |             |             | Fiscal Y | ear 12 | 2           |        |        |             |             |       |   |
| М      |                | S<br>E  | PROC<br>QTY | ACCEP<br>PRIOR | BAL<br>DUE   |        |        |          |          |        |          |         |        | Calenda            | ır Year 1 | 1      |          |        |          |        |             |             |          | Caler  | ıdar Yea    | ar 12  |        |             |             |       |   |
| F<br>R | FY             | R<br>V  | Units       |                | AS OF        | O<br>C | N<br>O | D<br>E   | J<br>A   | F<br>E | M<br>A   | A<br>P  | M<br>A | J<br>U             | J<br>U    | A<br>U | S<br>E   | O<br>C | N<br>O   | D<br>E | J<br>A<br>N | F<br>E<br>B | M<br>A   | A<br>P | M<br>A<br>Y | J<br>U | J<br>U | A<br>U<br>G | S<br>E<br>P | Later |   |
|        |                |         |             |                |              | T      | V      | С        | N        | В      | R        | R       | A<br>Y | N                  | L         | G      | P        | T      | V        | С      | N           | В           | R        | R      | Y           | N      | L      | G           | P           | Luter |   |
| _      |                | 1       | 1           | Production     |              | 1      | l      |          |          |        |          |         | 1      | 1                  |           |        |          |        |          |        |             |             | 1        | I      |             | 1      | I      | 1           | Т           | 0     | Т |
|        | FY 08<br>FY 09 | A<br>A  | 127<br>90   | 127<br>53      |              | 10     | 10     | 6        | 6        | 5      |          |         |        |                    |           |        |          |        |          |        |             |             |          |        |             |        |        |             |             | 0     | 4 |
|        | FY 10          | A       | 70          |                |              | 10     | 10     | 4        | 4        | 5      | 10       | 10      | 1      | 0 10               | 10        | 7      |          |        |          |        |             |             |          |        |             |        |        |             |             | 0     | 4 |
| 1      | F1 10          | A       | 70          | 0              | 70           |        |        | 4        | 4        | 3      | 10       | 10      | 1      | 0 10               | 10        | ,      |          |        |          |        |             |             |          |        |             |        |        |             |             | U     | l |
|        |                |         |             |                |              |        |        |          |          |        |          |         |        |                    |           |        |          |        |          |        |             |             |          |        |             |        |        |             |             |       | İ |
|        |                |         |             |                |              |        |        |          |          |        |          |         |        |                    |           |        |          |        |          |        |             |             |          |        |             |        |        |             |             |       |   |
|        |                |         |             |                |              |        |        |          |          |        |          |         |        |                    |           |        |          |        |          |        |             |             |          |        |             |        |        |             |             |       |   |
|        |                |         |             |                |              |        |        |          |          |        |          |         |        |                    |           |        |          |        |          |        |             |             |          |        |             |        |        |             |             |       |   |
|        |                |         |             |                |              |        |        |          |          |        |          |         |        |                    |           |        |          |        |          |        |             |             |          |        |             |        |        |             |             |       |   |
|        |                |         |             |                |              |        |        | <u> </u> |          |        |          |         |        |                    |           |        |          |        |          |        |             |             |          |        |             |        |        |             |             |       |   |
|        |                |         |             |                |              |        |        | <u> </u> |          |        |          |         |        |                    |           |        |          |        |          |        |             |             |          |        |             |        |        |             |             |       |   |
|        |                |         |             |                |              |        |        | <u> </u> |          |        |          |         |        |                    |           |        |          |        |          |        |             |             |          |        |             |        |        |             |             |       | ļ |
|        |                |         |             |                |              |        |        | <u> </u> |          |        |          |         |        |                    |           |        |          |        |          |        |             |             |          |        |             |        |        |             |             |       | ļ |
| To     | no.1           |         |             |                | 107          | 10     | 10     | 10       | 10       | 10     | 10       | 10      | 10     | 10                 | 10        | 7      |          |        |          |        |             |             |          |        |             |        |        |             |             |       | l |
| 10     | iai            |         |             |                | 107          | 0      | N      | D        | J        | F      | M        | A       | M      | J                  | J         | A      | S        | 0      | N        | D      | J           | F           | M        | A      | M           | J      | J      | A           | S           |       | İ |
|        |                |         |             |                |              | C<br>T | O<br>V | E<br>C   | A<br>N   | E<br>B | A<br>R   | P<br>R  | A<br>Y | U<br>N             | U<br>L    | U<br>G | E<br>P   | C<br>T | O<br>V   | E<br>C | A<br>N      | E<br>B      | A<br>R   | P<br>R | A<br>Y      | U<br>N | U<br>L | U<br>G      | E<br>P      |       |   |
|        |                |         |             |                |              |        | ı      |          |          |        |          |         |        | · ·                |           |        |          |        |          |        |             |             |          |        |             |        |        |             |             |       | 1 |
| M      |                |         |             |                |              |        |        | PRODU    | ICTION : | RATES  |          |         |        |                    |           | Δ      | DMIN I   | EAD T  | TME      |        | MFR         |             | TOTA     | AL.    | REMA        | RKS    |        |             |             |       | _ |
| F      |                |         |             |                |              |        |        |          |          |        | Reac     | hed M   | FR     |                    |           |        | or 1 Oct | _      | r 1 Oct  | Aft    | er 1 Oct    |             | After 1  |        |             |        |        |             |             |       |   |
| R      |                |         | Nam         | ne - Locati    | on           |        | N      | MIN      | 1-8-5    | MAX    | D-       |         |        | itial              |           |        | 0        |        | 3        |        | 16          |             | 19       |        |             |        |        |             |             |       |   |
| 1      | Rock 1         | sland A | rsenal, R   | ock Island     | l, IL        |        |        | 12       | 120      | 120    |          |         | Re     | eorder             |           |        | 0        |        | 3        |        | 15          |             | 18       |        |             |        |        |             |             |       |   |
|        |                |         |             |                |              |        |        |          |          |        |          |         | In     | itial              |           |        |          |        |          |        |             |             |          |        |             |        |        |             |             |       |   |
|        |                |         |             |                |              |        |        |          |          |        |          |         | Re     | eorder             |           |        |          |        |          |        |             |             |          |        |             |        |        |             |             |       |   |
|        |                |         |             |                |              |        |        |          |          |        |          |         | In     | itial              |           |        |          |        |          |        |             |             |          |        |             |        |        |             |             |       |   |
|        |                |         |             |                |              |        |        |          |          |        |          |         | Re     | eorder             |           |        |          |        |          |        |             |             |          |        | ]           |        |        |             |             |       |   |
|        |                |         |             |                |              |        |        |          |          |        |          |         | In     | itial              |           |        | -        |        |          |        |             |             |          |        |             |        |        |             |             |       |   |
|        |                |         |             |                |              |        |        |          |          |        |          |         | Re     | eorder             |           |        |          |        |          |        |             |             |          |        |             |        |        |             |             |       |   |
|        |                |         |             |                |              |        |        |          |          |        |          |         | In     | itial              |           |        |          |        |          |        |             |             |          |        |             |        |        |             |             |       |   |
|        |                |         |             |                |              |        |        |          |          |        | 1        |         | R      | eorder             |           | 1      |          | 1      |          |        |             |             |          |        |             |        |        |             |             |       |   |

| Exhibit P-40, Budget Item   | Justification Sheet |      |               |                                |  | Date:       | ay 2009    |
|---|---------------------|------|---------------|--------------------------------|--|-------------|------------|
| Appropriation / Budget Activity / Seria<br>Procurement of W&TCV, Army / 2 / Y |                     | es   |               | P-1 Item Nomencla<br>M240 Medi | uture<br>um Machine Gun (7.62mm) (G130 |             | .y 2007    |
| Program Elements for Code B Items:  | Code:               | A    | Other Related | d Program Elements:            |  |             |            |
|   | Prior Years         | FY 2 | 800           | FY 2009                        | FY 2010                                | To Complete | Total Prog |
| Proc Qty  | 89416               |      | 11050         | 7932                           | 2010                                   |             | 110408     |
| Gross Cost  | 553.3               |      | 101.5         | 84.0                           | 32.9                                   |             | 771.7      |
| Less PY Adv Proc  |                     |      |               |                                |  |             |            |
| Plus CY Adv Proc  |                     |      |               |                                |  |             |            |
| Net Proc P1   | 553.3               |      | 101.5         | 84.0                           | 32.9                                   |             | 771.7      |
| Initial Spares  |                     |      |               |                                |  |             |            |
| Total Proc Cost   | 553.3               |      | 101.5         | 84.0                           | 32.9                                   |             | 771.7      |
| Flyaway U/C   |                     |      |               |                                |  |             |            |
| Weapon System Proc U/C  | 0.0                 |      | 0.0           | 0.0                            | 0.0                                    |             | 0.0        |

The M240 class machine guns are available in different configurations for various applications. The M240B Machine Gun is a ground version of the original M240 Machine Gun, 7.62MM Medium Machine Gun class weapon, designed as a coaxial/pintle-mounted weapon for tanks and light armored vehicles. The M240B also includes: a flash suppressor, front sight, and carrying handle for the barrel, buttstock, pistol grip, bipod, heat shield and rear sight assembly. The M240B Machine Gun may also be tripod-mounted and used in conjunction with a traversing and elevating mechanism and mount pintle. The M240H is a variant of this same family of Machine Guns and is employed as the self defensive armament subsystem for the UH-60 BLACK HAWK and CH-47 Chinook Helicopters. The M240H uses the same receiver and barrel as the M240B but has a spade grip trigger assembly. It also has a unique mounting interface and pintle to properly interface with the helicopter platform. Also, included with the system is an egress kit to allow the weapon to be converted for a ground defensive role in the event the helicopter is downed. The lighter M240E6 will replace the M240B in Special Forces/Rangers, Light Infantry and Airborne units. The M240E6 will significantly reduce the weight of the current M240B while maintaining the same level of reliability. The weight reduction will be accomplished through the use of lightweight materials and innovative manufacturing techniques.

### Justification:

FY10 Base procurement dollars in the amount of \$32.919 million supports 2,010 M240E6 Light Weight Machine guns. The M240E6 will significantly reduce the weight of the current M240B while maintaining the same level of reliability. The M240E6 will replace the M240 in Special Forces/Rangers, Light Infantry and Airborne units.

FY2008

FY2009

FY2010

|         |                   |          | 1 1 2000         |          | 1 1 2007         |         | 1 12010         |
|---------|-------------------|----------|------------------|----------|------------------|---------|-----------------|
| Active  | Qty<br>Gross Cost | \$74.099 | 8585             | \$46.808 | 4946             | \$6.748 | 879             |
| NG      | Qty<br>Gross Cost |          | 2010<br>\$21.349 |          | 1650<br>\$23.831 |         | 629<br>\$14.498 |
| Reserve | Qty<br>Gross Cost |          | 455<br>\$6.043   |          | 1336<br>\$13.351 |         | 502<br>\$11.673 |

Item No. 20 Page 1 of 9 118 Exhibit P-40 Budget Item Justification Sheet

| Exhibit P-5, Weapon WTCV Cost Analysis   | Appropriation/Budget Activity/Serial No:<br>Procurement of W&TCV, Army / 2 / Weap<br>combat vehicles | ons and |            | ine Item No<br>) Medium M | menclature:<br>achine Gun (7.62) | mm) (G13000) |       | Weapon System | n Type:    | Date: | May 2009  |
|--|--|---------|------------|---------------------------|----------------------------------|--------------|-------|---------------|------------|-------|-----------|
| WTCV                                     |  | ID      |            | FY 08                     |                                  |              | FY 09 |               |            | FY 10 |           |
| Cost Elemen                              | ts   | CD      | Total Cost | Qty                       | Unit Cost                        | Total Cost   | Qty   | Unit Cost     | Total Cost | Qty   | Unit Cost |
|  |  |         | \$000      | Each                      | \$000                            | \$000        | Each  | \$000         | \$000      | Each  | \$000     |
| 1. M240 Series Weapons                   |  |         |            |                           |                                  |              |       |               |            |       |           |
| (Incls Blank Firing Device)              |  |         |            |                           |                                  |              |       |               |            |       |           |
| Hardware (Infantry Version - M240B)      |  | A       | 5760       | 3 8080                    | 7.1                              | 32641        | 4308  | 7.6           |            |       |           |
| Hardware (Light Weight Version - M240E6) |  | В       | 4095       | 9 2970                    | 13.8                             | 47493        | 3624  | 13.1          | 28703      | 2010  | 14.3      |
| 2. Engineering Support                   |  |         | 80         | 5                         |                                  | 1920         |       |               | 2205       | 5     |           |
| 3. Integrated Logistics Support          |  |         | 25         | 0                         |                                  | 390          |       |               | 250        | )     |           |
| 4. Engineering Change Proposals          |  |         | 40         | 0                         |                                  | 180          |       |               | 300        | )     |           |
| 5. Total Package Fielding                |  |         | 35         | 0                         |                                  | 512          |       |               | 400        | )     |           |
| 6. Engineering Studies                   |  |         | 56         | 1                         |                                  | 354          |       |               | 450        | )     |           |
| 7. New Equipment Training                |  |         | 33         | 8                         |                                  | 155          |       |               | 150        | )     |           |
| 8. First Destination Transportation      |  |         | 22         | 5                         |                                  | 345          |       |               | 161        |       |           |
| 9. Testing                               |  |         |            |                           |                                  |              |       |               | 300        |       |           |
| Total:                                   |  |         | 10149      |                           |                                  | 83990        |       |               | 32919      |       |           |

| Exhibit P-5a, Budget Procurer  | ment Histor          | y and Planning          |                                |  |            |                           |             |                    | oate:<br>1ay 2009      | 9                      |                      |
|--|----------------------|-------------------------|--------------------------------|--|------------|---------------------------|-------------|--------------------|------------------------|------------------------|----------------------|
| Appropriation/Budget Activity/Serial No:<br>Procurement of W&TCV, Army/ 2/ Weapons and other | r combat vehicles    | Weapon System Type:     | P-1 Line Item<br>M240 Mediun   | Nomenclature:<br>n Machine Gun (7.62mm) (G | 13000)     |                           |             |                    |                        |                        |                      |
| WBS Cost Elements:   |                      | Contractor and Location | Contract<br>Method and<br>Type | Location of PCO                            | Award Date | Date of First<br>Delivery | QTY<br>Each | Unit Cost<br>\$000 | Specs<br>Avail<br>Now? | Date<br>Revsn<br>Avail | RFF<br>Issue<br>Date |
| 1. M240 Series Weapons   |                      |                         |                                |  |            |                           |             |                    |                        |                        |                      |
| Hardware (Infantry Version - M240B)  |                      |                         |                                |  |            |                           |             |                    |                        |                        |                      |
| FY 2008  | FN Mfg I<br>Columbia |                         | Option                         | TACOM RI, Rock<br>Island, IL               | Dec 07     | Oct 09                    | 8080        | 7.1                |                        |                        |                      |
| FY 2009  | TBS<br>TBS           |                         | C/FFP                          | TACOM RI, Rock<br>Island, IL               | Aug 09     | Dec 10                    | 4308        | 7.6                | Yes                    |                        |                      |
| Hardware (Light Weight Version - M240E6)   |                      |                         |                                |  |            |                           |             |                    |                        |                        |                      |
| FY 2008  | FN Mfg I<br>Columbia |                         | SS/FFP                         | JM&L, LCMC,<br>Picatinny, NJ               | Apr 09     | Jul 10                    | 2970        | 13.8               |                        |                        |                      |
| FY 2009  | FN Mfg I<br>Columbia |                         | SS/FFP                         | JM&L, LCMC,<br>Picatinny, NJ               | Jun 09     | Jun 11                    | 1530        | 13.1               | Yes                    |                        |                      |
| FY 2009  | TBS<br>TBS           |                         | C/FFP                          | JM&L, LCMC,<br>Picatinny, NJ               | Sep 10     | May 12                    | 2094        | 13.1               | Yes                    |                        |                      |
| FY 2010  | TBS<br>TBS           |                         | C/FFP                          | JM&L, LCMC,<br>Picatinny, NJ               | Sep 10     | Jan 13                    | 2010        | 14.3               | Yes                    |                        |                      |

REMARKS:

|        |            | F        | Y 08 /           | 09 BU          | J <b>DGE</b>   | ΓPR         | ODU(         | CTIO        | N SCI       | HEDU        | LE           |             |             | P-1 ITEM<br>M240 Me |             |             |             | 2mm) (0     | G13000)     |             |             |             | Dat         | e:          | May 20      | 009         |             |             |             |       |
|--------|------------|----------|------------------|----------------|----------------|-------------|--------------|-------------|-------------|-------------|--------------|-------------|-------------|---------------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------|
|        | C          | OST I    | ELEM             | ENTS           | 5              |             |              |             |             | ]           | Fiscal Y     | ear 08      |             |                     |             |             |             |             |             |             |             | ]           | Fiscal Y    | ear 09      | 1           |             |             |             |             |       |
| М      |            | S<br>E   | PROC<br>QTY      | ACCEP<br>PRIOR | BAL<br>DUE     |             |              |             |             |             |              |             |             | Calendar            | Year 0      | 8           | I           |             |             |             |             |             |             | Calen       | dar Yea     | ır 09       |             |             |             |       |
| F<br>R | FY         | R<br>V   | Each             | TO<br>1 OCT    | AS OF<br>1 OCT | O<br>C<br>T | N<br>O<br>V  | D<br>E<br>C | J<br>A<br>N | F<br>E<br>B | M<br>A<br>R  | A<br>P<br>R | M<br>A<br>Y | J<br>U<br>N         | J<br>U<br>L | A<br>U<br>G | S<br>E<br>P | O<br>C<br>T | N<br>O<br>V | D<br>E<br>C | J<br>A<br>N | F<br>E<br>B | M<br>A<br>R | A<br>P<br>R | M<br>A<br>Y | J<br>U<br>N | J<br>U<br>L | A<br>U<br>G | S<br>E<br>P | Later |
| 1.     | M240 S     | eries We | eapons           |                | 1              |             |              | 1           |             |             | I            | ıI          |             |                     |             |             |             |             |             |             |             |             |             |             |             |             |             |             |             | I     |
| Hai    | rdware (l  | nfantry  | Version -        | M240B)         |                |             |              |             |             |             |              |             |             |                     |             |             |             |             |             |             |             |             |             |             |             |             |             |             |             |       |
|        | FY 07<br>P | A        | 12085            | 0              | 12085          |             |              |             | 400         | 460         | 170          | 580         | 761         | 424                 | 196         | 442         | 455         | 550         | 875         | 775         | 675         | 675         | 675         | 675         | 665         | 552         | 668         | 604         | 551         | 257   |
| 3      | FY 08      | A        | 8080             | 0              | 8080           |             |              | A           |             |             |              |             |             |                     |             |             |             |             |             |             |             |             |             |             |             |             |             |             |             | 8080  |
| 2      | FY 09      | A        | 4308             | 0              | 4308           |             |              |             |             |             |              |             |             |                     |             |             |             |             |             |             |             |             |             |             |             |             |             | A           |             | 4308  |
| 3      | FY 08      | AF       | 10               | 0              | 10             |             |              |             |             | 6           |              |             |             |                     |             |             |             |             |             | 3           |             |             |             |             |             |             | 1           |             |             | 0     |
|        | FY 08      | FMS      | 2638             | 0              |                |             |              |             | 30          |             | 290          | 100         | 114         | 101                 |             | 100         | 200         | 125         |             | 97          | 100         | 100         | 100         |             | 110         | 151         |             |             |             | 820   |
|        | FY 08      | MC       | 2884             | 0              |                |             |              |             | 218         | 310         | 310          |             |             |                     |             |             |             |             |             |             | 100         | 100         | 100         | 100         | 100         | 100         | 100         | 100         | 100         | 1146  |
|        | FY 08      | NA       | 1644             | 263            |                |             |              |             |             | 105         | 105          | 195         |             |                     | 216         | 333         | 220         | 200         |             |             |             |             |             |             |             |             | 7           |             |             | 0     |
| _      |            |          |                  | - M240H        |                |             | 1            | 1           | 1           |             | ı            | ı           |             |                     |             |             |             |             |             |             | -           |             |             |             |             |             |             |             |             |       |
|        | FY 07      | A        | 818              | 193            | <u> </u>       | ļ           |              |             |             |             |              |             |             | 350                 | 275         |             |             |             |             |             |             |             |             |             |             | 1.5         |             |             |             | 0     |
| -      | FY 07      | CG       | 15               | 0              | 1              |             |              |             |             |             |              |             |             |                     |             |             |             |             |             |             |             |             |             |             |             | 15          |             |             |             | 0     |
| -      | FY 07      | OTH      |                  | sion - M2      | 1              |             |              |             |             |             |              |             |             |                     |             |             |             |             |             |             |             |             |             |             |             | 13          |             |             |             | 0     |
| па     | idware (1  | Light we | eigiii vei       | SIOII - IVIZ   | 40E0)          | 0           | N            | D           | J           | F           | M            | A           | M           | J                   | J           | A           | S           | 0           | N           | D           | J           | F           | M           | A           | M           | J           | J           | A           | S           | 1     |
|        |            |          |                  |                |                | C<br>T      | O<br>V       | E<br>C      | A<br>N      | E<br>B      | A<br>R       | P<br>R      | A<br>Y      | U<br>N              | U<br>L      | U<br>G      | E<br>P      | C<br>T      | O<br>V      | E<br>C      | A<br>N      | E<br>B      | A<br>R      | P<br>R      | A<br>Y      | U<br>N      | U<br>L      | U<br>G      | E<br>P      |       |
|        | 1          |          |                  |                |                | !           | <del>'</del> |             |             | •           | <del>'</del> | ,           |             |                     |             | ·           |             |             |             | · · · · ·   | •           |             |             |             |             |             |             |             |             |       |
| M      |            |          |                  |                |                |             | -            | PRODU       | ICTION I    | RATES       | ļ. <i>.</i>  |             | _           |                     |             | -           |             | LEAD T      |             |             | MFR         |             | TOTA        |             | REMA        | RKS         |             |             |             |       |
| F      |            |          | NT               | a I            | i.a.m          |             |              | MIN         | 1-8-5       | MAX         | Reach<br>D+  | ned MF      | -           | C-1                 |             | Prio        | r 1 Oct     |             | r 1 Oct     | Afte        | er 1 Oct    |             | After 1     |             | -           |             |             |             |             |       |
| R      |            | a Inc. C | Nam<br>Columbia, | e - Locati     | ion            |             |              | 1200        | 3000        | 4200        | 6            |             |             |                     |             |             | 6           |             | 8           |             | 19          |             | 27          |             |             |             |             |             |             |       |
| 2      |            |          | oiuilioia.       | , sc           |                |             |              | 1200        | 3000        | 7200        | 6            |             | _           | order               |             |             | 6           |             | 10          |             | 23<br>17    |             | 25<br>27    |             | 1           |             |             |             |             |       |
| 3      |            |          | Columbia         | . SC           |                |             |              | 1200        | 7000        | 17532       | 6            |             | _           | order               |             |             | 3           |             | 2           |             | 17          |             | 19          |             | 1           |             |             |             |             |       |
| 4      |            |          |                  | , , , ,        |                |             |              | 1200        | 3000        | 4200        | 6            |             | _           |                     |             |             | 6           |             | 6           |             | 16          |             | 22          |             | 1           |             |             |             |             |       |
|        | ,          |          |                  |                |                |             |              |             |             |             |              | $\dashv$    |             | order               |             |             | 3           |             | 6           |             | 13          |             | 19          |             | 1           |             |             |             |             |       |
|        |            |          |                  |                |                |             |              |             |             |             | 1            | 4           | _           |                     |             |             | 6           |             | 11          |             | 29          |             | 40          |             | 1           |             |             |             |             |       |
|        |            |          |                  |                |                |             |              |             |             |             |              |             | Re          | order               |             |             | 6           |             | 3           |             | 16          |             | 19          |             | 1           |             |             |             |             |       |
|        |            |          |                  |                |                |             |              |             |             |             |              |             | Ini         | tial                |             |             |             |             |             |             |             |             |             |             | 1           |             |             |             |             |       |
|        |            |          |                  |                |                |             |              |             |             |             |              |             | Re          | order               |             |             |             |             |             |             |             |             |             |             |             |             |             |             |             |       |

|        |        | F         | Y 08        | / 09 BU        | JDGE           | ΓPRO        | ODUC        | CTIO        | N SC        | HEDU        | JLE         |             |             | P-1 ITE!<br>M240 M | M NOME      |             |             | 2mm) (0     | G13000)     |             |             |             | Dat         | e:          | May 20      | 009         |             |             |             |       |
|--------|--------|-----------|-------------|----------------|----------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|--------------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------|
|        | CO     | OST 1     | ELEN        | IENTS          | }              |             |             |             |             |             | Fiscal '    | Year 08     | 3           |                    |             |             |             |             |             |             |             |             | Fiscal Y    | ear 09      | -           |             |             |             |             |       |
| М      |        | S<br>E    | PROC<br>QTY | ACCEP<br>PRIOR | BAL<br>DUE     |             |             |             |             |             |             |             |             | Calenda            | r Year 0    | 08          |             |             |             |             |             |             |             | Calen       | dar Yea     | ır 09       |             |             |             | -     |
| F<br>R | FY     | R<br>V    | Each        | TO<br>1 OCT    | AS OF<br>1 OCT | O<br>C<br>T | N<br>O<br>V | D<br>E<br>C | J<br>A<br>N | F<br>E<br>B | M<br>A<br>R | A<br>P<br>R | M<br>A<br>Y | U                  | J<br>U<br>L | A<br>U<br>G | S<br>E<br>P | O<br>C<br>T | N<br>O<br>V | D<br>E<br>C | J<br>A<br>N | F<br>E<br>B | M<br>A<br>R | A<br>P<br>R | M<br>A<br>Y | J<br>U<br>N | J<br>U<br>L | A<br>U<br>G | S<br>E<br>P | Later |
| 1      | FY 08  | A         | 2970        | 0              | 2970           |             |             |             |             |             |             |             |             |                    |             |             |             |             |             |             |             |             |             | A           |             |             |             |             |             | 2970  |
| -      | FY 09  | A         | 1530        | 0              | 1530           |             |             |             |             |             |             |             |             |                    |             |             |             |             |             |             |             |             |             |             |             | A           |             |             |             | 1530  |
| -      | FY 09  | A         | 2094        | 0              | 2094           |             |             |             |             |             |             |             |             |                    |             |             |             |             |             |             |             |             |             |             |             |             |             |             |             | 2094  |
| 4      | FY 10  | A         | 2010        | 0              | 2010           |             |             |             |             |             |             |             |             |                    |             |             |             |             |             |             |             |             |             |             |             |             |             |             |             | 2010  |
|        |        |           |             |                |                |             |             |             |             |             |             |             |             |                    |             |             |             |             |             |             |             |             |             |             |             |             |             |             |             |       |
| T      |        |           |             |                |                |             |             |             |             |             |             |             |             |                    |             |             |             |             |             |             |             |             |             |             |             |             |             |             |             |       |
|        |        |           |             |                |                |             |             |             |             |             |             |             |             |                    |             |             |             |             |             |             |             |             |             |             |             |             |             |             |             |       |
|        |        |           |             |                |                |             |             |             |             |             |             |             |             |                    |             |             |             |             |             |             |             |             |             |             |             |             |             |             |             |       |
|        |        |           |             |                |                |             |             |             |             |             |             |             |             |                    |             |             |             |             |             |             |             |             |             |             |             |             |             |             |             |       |
|        |        |           |             |                |                |             |             |             |             |             |             |             |             |                    |             |             |             |             |             |             |             |             |             |             |             |             |             |             |             |       |
|        |        |           |             |                |                |             |             |             |             |             |             |             |             |                    |             |             |             |             |             |             |             |             |             |             |             |             |             |             |             |       |
|        |        |           |             |                |                |             |             |             |             |             |             |             |             |                    |             |             |             |             |             |             |             |             |             |             |             |             |             |             |             |       |
|        |        |           |             |                |                |             |             |             |             |             |             |             |             |                    |             |             |             |             |             |             |             |             |             |             |             |             |             |             |             |       |
|        |        |           |             |                |                |             |             |             |             |             |             |             |             |                    |             |             |             |             |             |             |             |             |             |             |             |             |             |             |             |       |
|        |        |           |             |                |                |             |             |             |             |             |             |             |             |                    |             |             |             |             |             |             |             |             |             |             |             |             |             |             |             |       |
| Γot    | al     |           |             |                | 40643          |             |             |             | 648         | 881         | 875         | 875         | 87          | 5 875              | 687         | 875         | 875         | 875         | 875         | 875         | 875         | 875         | 875         | 875         | 875         | 831         | 776         | 704         | 651         | 23215 |
|        |        |           | •           |                |                | O<br>C<br>T | N<br>O<br>V | D<br>E<br>C | J<br>A<br>N | F<br>E<br>B | M<br>A<br>R | A<br>P<br>R | M<br>A<br>Y | U                  | J<br>U<br>L | A<br>U<br>G | S<br>E<br>P | O<br>C<br>T | N<br>O<br>V | D<br>E<br>C | J<br>A<br>N | F<br>E<br>B | M<br>A<br>R | A<br>P<br>R | M<br>A<br>Y | J<br>U<br>N | J<br>U<br>L | A<br>U<br>G | S<br>E<br>P |       |
|        |        |           |             |                |                |             |             |             |             |             |             |             | <u> </u>    |                    | 1           |             | I           |             |             |             |             |             | 1           |             |             |             |             |             |             |       |
| M      |        |           |             |                |                |             |             | PRODU       | CTION       | RATES       |             |             |             |                    |             | A           | DMIN I      | LEAD T      | IME         |             | MFR         |             | TOTA        | <b>A</b> L  | REMA        | RKS         |             |             |             |       |
| F      |        |           |             |                |                |             |             |             |             |             | Reac        | hed M       | FR          |                    |             | Pric        | or 1 Oct    | Afte        | r 1 Oct     | Aft         | er 1 Oct    |             | After 1     | Oct         |             |             |             |             |             |       |
| R      |        |           | Nan         | ne - Locati    | on             |             | 1           | MIN         | 1-8-5       | MAX         | D-          | -           | 1 1         | nitial             |             |             | 6           |             | 8           |             | 19          |             | 27          |             |             |             |             |             |             |       |
| 1      | FN Mf  | g Inc., C | Columbia    | ı, SC          |                |             |             | 1200        | 3000        | 4200        | 6           |             | ]           | Reorder            |             |             | 3           |             | 2           |             | 23          |             | 25          |             |             |             |             |             |             |       |
| 2      | TBS, T | BS        |             |                |                |             |             | 1200        | 3000        | 7200        | 6           |             | 2 1         | nitial             |             |             | 6           |             | 10          |             | 17          |             | 27          |             |             |             |             |             |             |       |
| 3      | FN Mf  | g Inc., C | Columbia    | ı, SC          |                |             |             | 1200        | 7000        | 17532       | 6           |             | -           | Reorder            |             |             | 3           | -           | 2           |             | 17          |             | 19          |             |             |             |             |             |             |       |
| 4      | 1      |           |             |                |                |             |             | 1200        | 3000        | 4200        | 6           |             |             | nitial             |             |             | 6           |             | 6           |             | 16          |             | 22          |             | 1           |             |             |             |             |       |
|        |        |           |             |                |                |             |             |             |             |             |             |             | -           | Reorder            |             |             | 3           | -           | 6           |             | 13          |             | 19          |             |             |             |             |             |             |       |
|        |        |           |             |                |                |             |             |             |             |             |             | _           |             | nitial             |             |             | 6           |             | 11          |             | 29          |             | 40          |             |             |             |             |             |             |       |
|        |        |           |             |                |                |             |             |             |             |             |             | $\exists$   | -           | Reorder            |             |             | 6           |             | 3           |             | 16          |             | 19          |             |             |             |             |             |             |       |
|        |        |           |             |                |                |             |             |             |             |             |             | $\dashv$    | -           | nitial             |             |             | -           |             |             |             |             |             |             |             |             |             |             |             |             |       |
|        |        |           |             |                |                |             |             |             |             |             |             |             | H           | Reorder            |             | +           |             |             |             |             |             |             |             |             |             |             |             |             |             |       |

|             |                | F        | Y 10 /       | ′ 11 BU           | DGE            | ΓPRO        | ODUC        | CTIO               | N SCI        | HEDU          | JLE         |             |             |             | I NOME      |             |             | 2mm) (0     | G13000)     |             |             |             | Date   | e:          | May 20      | 009         |             |             |  |          |
|-------------|----------------|----------|--------------|-------------------|----------------|-------------|-------------|--------------------|--------------|---------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|--|-------------|-------------|-------------|-------------|-------------|--|----------|
|             | C              | OST I    | ELEM         | IENTS             |                |             |             |                    |              |               | Fiscal Y    | Year 10     | L           |             |             |             |             |             |             |             |             |             | Fiscal Y   | ear 11      | l           |             |             |             |  |          |
|             |                | S<br>E   | PROC         | ACCEP<br>PRIOR    | BAL            |             |             |                    |              |               |             |             |             | Calenda     | r Year 1    | .0          |             |             |             |             |             |             |  | Calen       | ıdar Yea    | ar 11       |             |             |  | -        |
| M<br>F<br>R | FY             | R<br>V   | QTY<br>Each  | TO<br>1 OCT       | AS OF<br>1 OCT | O<br>C      | N<br>O      | D<br>E             | J<br>A       | F<br>E        | M<br>A      | A<br>P      | M<br>A      | J<br>U      | J<br>U      | A<br>U      | S<br>E      | O<br>C      | N<br>O      | D<br>E      | J<br>A      | F<br>E      | M<br>A   | A<br>P      | M<br>A      | J<br>U      | J<br>U      | A<br>U      | S<br>E   | Later    |
|             |                |          |              | 1001              | 1 001          | T           | V           | С                  | N            | В             | R           | R           | Y           | N           | L           | G           | P           | T           | V           | С           | N           | В           | R  | R           | Y           | N           | L           | G           | P  | Luter    |
| _           | M240 S         |          |              | M240D)            |                |             |             |                    |              |               |             |             |             |             |             |             |             |             |             |             |             |             |  |             |             |             |             |             |  |          |
|             | FY 07          | A        | 12085        | - M240B)<br>11828 | 257            | 257         |             |                    |              |               |             |             |             |             |             |             |             |             |             |             |             |             |  |             |             |             |             |             |  | 0        |
|             | P              | А        |              | 11828             |                |             |             |                    |              |               |             |             |             |             |             |             |             |             |             |             |             |             |  |             |             |             |             |             | <u> </u>   |          |
|             | FY 08          | A        | 8080         | 0                 | 8080           | 306         | 675         | 663                | 700          | 763           | 763         | 775         | 775         | 775         | 775         | 775         | 335         |             |             |             |             |             |  |             |             |             |             |             | <b> </b>   | 0        |
| _           | FY 09          | A        | 4308         | 0                 | 4308           |             |             | igwdapprox igwedge |              |               |             |             |             |             |             |             |             |             |             | 600         | 600         | 600         | 600  | 600         | 600         | 600         | 108         |             | <del> </del>                                     | 0        |
| _           | FY 08          | AF       | 10           |                   |                |             |             | $\vdash \vdash$    |              |               |             |             |             |             |             |             |             |             | 400         |             |             |             |  |             |             |             |             |             | <del> </del>                                     | 0        |
| _           | FY 08<br>FY 08 | FMS      | 2638<br>2884 | 1818              |                | 45<br>100   | 100         | 100                | 100          | 100           | 100         | 100         | 100         | 100         | 100         | 100         | 116<br>10   | 239         | 420         |             |             |             |  |             |             | $\vdash$    |             |             | <del>                                     </del> | 0        |
|             | FY 08          | MC<br>NA | 1644         | 1738<br>1644      | 1146           | 100         | 100         | 100                | 100          | 100           | 100         | 100         | 100         | 100         | 100         | 100         | 10          | 36          |             |             |             |             |  |             |             | $\vdash$    |             |             | <del></del>                                      | 0        |
| _           |                |          |              | - M240H)          | )              |             |             |                    |              |               |             |             |             |             |             |             |             |             |             |             |             |             |  |             |             |             |             |             |  | U        |
|             | FY 07          | A        | 818          | 818               |                |             |             |                    |              |               |             |             |             |             |             |             |             |             |             |             |             |             |  |             |             |             | $\neg$      |             |  | 0        |
| _           | FY 07          | CG       | 15           |                   |                |             |             |                    |              |               |             |             |             |             |             |             |             |             |             |             |             |             |  |             |             |             |             |             |  | 0        |
| _           | FY 07          | ОТН      | 13           | 13                |                |             |             |                    |              |               |             |             |             |             | -           |             |             |             |             |             |             |             |  |             |             |             |             |             |  | 0        |
|             |                | Light W  | eight Ver    | rsion - M2        | 40E6)          |             |             |                    |              |               |             |             |             |             |             |             |             |             |             |             |             |             |  |             |             |             |             |             |  |          |
|             |                |          |              |                   |                | O<br>C<br>T | N<br>O<br>V | D<br>E<br>C        | J<br>A<br>N  | F<br>E<br>B   | M<br>A<br>R | A<br>P<br>R | M<br>A<br>Y | J<br>U<br>N | J<br>U<br>L | A<br>U<br>G | S<br>E<br>P | O<br>C<br>T | N<br>O<br>V | D<br>E<br>C | J<br>A<br>N | F<br>E<br>B | M<br>A<br>R                                      | A<br>P<br>R | M<br>A<br>Y | J<br>U<br>N | J<br>U<br>L | A<br>U<br>G | S<br>E<br>P                                      |          |
|             |                |          |              |                   |                |             |             |                    | <u> </u>     |               |             |             |             | <u> </u>    |             |             | <u> </u>    |             |             |             |             |             | <del>                                     </del> |             |             |             |             |             |  | <u> </u> |
| M           |                |          |              |                   |                |             | I           | ?RODU              | CTION I      | RATES         |             |             |             |             |             | Α           | DMIN L      | EAD T       | IME         |             | MFR         |             | TOTA   | AL          | REMA        | .RKS        |             |             |  |          |
| F           |                |          |              |                   |                |             |             |                    |              |               |             | hed MI      |             |             |             | Prio        | or 1 Oct    | 1           | r 1 Oct     | Aft         | er 1 Oct    |             | After 1  |             | _           |             |             |             |  |          |
| R           |                |          |              | ne - Locatio      | on             |             |             |                    | 1-8-5        | MAX           |             |             | _           |             |             |             | 6           | +           | 8           |             | 19          |             | 27   |             | _           |             |             |             |  |          |
| 1           |                |          | Columbia     | , SC              |                |             |             | 1200               | 3000         | 4200          | 6           | _           |             | rder        |             |             | 3           | +           | 2           |             | 23          |             | 25   |             | _           |             |             |             |  |          |
| _           | TBS,           |          | 2.1.1:       | 66                |                |             |             | 1200               | 3000         | 7200          | 6           |             |             |             |             |             | 6           | +           | 10          |             | 17          |             | 27   |             |             |             |             |             |  |          |
| 3           |                |          | Columbia     | , SC              |                |             |             | 1200               | 7000<br>3000 | 17532<br>4200 | _           |             |             | rder        |             |             | 3           |             | 2           |             | 17          |             | 19   |             |             |             |             |             |  |          |
| 4           | TBS,           | BS       |              |                   |                |             | 1           | 200                | 3000         | 4200          | 6           | 3           |             |             |             |             | 3           | +           | 6           |             | 16          |             | 22<br>19   |             | 1           |             |             |             |  |          |
|             |                |          |              |                   |                |             |             |                    |              |               |             | 4           |             | rder        |             |             | 6           | 1           | 11          |             | 13<br>29    |             | 40   |             | 1           |             |             |             |  |          |
|             | 1              |          |              |                   |                |             | +           | $\dashv$           |              |               | +           | - 4         |             | rder        |             |             | 6           | +           | 3           |             | 16          |             | 19   |             |             |             |             |             |  |          |
|             |                |          |              |                   |                |             | -           | $\dashv$           |              |               |             |             | Init        |             |             |             |             |             |             |             |             |             | 1)   |             | 1           |             |             |             |  |          |
|             | 1              |          |              |                   |                |             |             |                    |              |               | +           |             | -           | rder        |             |             |             | 1           |             |             |             |             |  |             | 1           |             |             |             |  |          |

|        |   | F      | Y 10 /      | / 11 BU        | J <b>DGE</b>   | ΓPRO        | ODUC        | CTIO        | N SCI       | HEDU        | JLE         |             |             |             | M NOME<br>ledium M |             |             | 2mm) (0     | G13000)     |             |             |             | Date        |             | May 20      | 009         |             |             |             |       |
|--------|---|--------|-------------|----------------|----------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|--------------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------|
|        | C   | OST    | ELEM        | <b>IENTS</b>   | }              |             |             |             |             |             | Fiscal      | Year 10     |             |             |                    |             |             |             |             |             |             |             | Fiscal Y    | ear 11      |             |             |             |             |             |       |
| М      |   | S<br>E | PROC<br>QTY | ACCEP<br>PRIOR | BAL<br>DUE     |             |             |             |             |             |             |             |             | Calenda     | ır Year 1          | .0          |             |             |             |             |             |             |             | Calen       | ıdar Yea    | ar 11       |             |             |             |       |
| F<br>R | FY  | R<br>V | Each        |                | AS OF<br>1 OCT | O<br>C<br>T | N<br>O<br>V | D<br>E<br>C | J<br>A<br>N | F<br>E<br>B | M<br>A<br>R | A<br>P<br>R | M<br>A<br>Y | J<br>U<br>N | J<br>U<br>L        | A<br>U<br>G | S<br>E<br>P | O<br>C<br>T | N<br>O<br>V | D<br>E<br>C | J<br>A<br>N | F<br>E<br>B | M<br>A<br>R | A<br>P<br>R | M<br>A<br>Y | J<br>U<br>N | J<br>U<br>L | A<br>U<br>G | S<br>E<br>P | Later |
| 1      | FY 08   | A      | 2970        | 0              | 2970           |             |             |             |             |             |             |             |             |             | 50                 | 100         | 150         | 200         | 300         | 350         | 350         | 350         |             | 350         |             | -           |             |             |             | 0     |
|        | FY 09   | A      | 1530        | 0              | 1530           |             |             |             |             |             |             |             |             | +           |                    |             |             |             |             |             |             |             |             |             |             | 280         | 350         | 350         | 350         | 200   |
|        | FY 09   | A      | 2094        | 0              | 2094           |             |             |             |             |             |             |             |             | 1           |                    |             | A           |             |             |             |             |             |             |             |             |             |             |             |             | 2094  |
| 4      | FY 10   | A      | 2010        | 0              | 2010           |             |             |             |             |             |             |             |             | +           |                    |             | A           |             |             |             |             |             |             |             |             |             |             |             |             | 2010  |
|        |   |        | <u> </u>    |                |                |             |             |             |             |             |             |             |             | +           |                    |             |             |             |             |             |             |             |             |             |             |             |             |             |             |       |
|        |   |        |             |                |                |             |             |             |             |             |             |             |             | 1           |                    |             |             |             |             |             |             |             |             |             |             |             |             |             |             |       |
|        |   |        |             |                |                |             |             |             |             |             |             |             |             | 1           |                    |             |             |             |             |             |             |             |             |             |             |             |             |             |             |       |
|        |   |        |             |                |                |             |             |             |             |             |             |             |             |             |                    |             |             |             |             |             |             |             |             |             |             |             |             |             |             |       |
|        |   |        |             |                |                |             |             |             |             |             |             |             |             |             |                    |             |             |             |             |             |             |             |             |             |             |             |             |             |             |       |
|        |   |        |             |                |                |             |             |             |             |             |             |             |             |             |                    |             |             |             |             |             |             |             |             |             |             |             |             |             |             |       |
|        |   |        | Ī           |                |                |             |             |             |             |             |             |             |             |             |                    |             |             |             |             |             |             |             |             |             |             |             |             |             |             |       |
|        |   |        |             |                |                |             |             |             |             |             |             |             |             |             |                    |             |             |             |             |             |             |             |             |             |             |             |             |             |             |       |
|        |   |        |             |                |                |             |             |             |             |             |             |             |             |             |                    |             |             |             |             |             |             |             |             |             |             |             |             |             |             |       |
|        |   |        |             |                |                |             |             |             |             |             |             |             |             |             |                    |             |             |             |             |             |             |             |             |             |             |             |             |             |             |       |
|        |   |        |             |                |                |             |             |             |             |             |             |             |             |             |                    |             |             |             |             |             |             |             |             |             |             |             |             |             |             |       |
| To     | tal   |        |             |                | 23215          | 708         | 775         | 763         | 800         | 863         | 863         | 875         | 875         | 875         | 925                | 975         | 611         | 475         | 720         | 950         | 950         | 950         | 950         | 950         | 950         | 950         | 458         | 350         | 350         | 4304  |
|        |   |        |             |                |                | O<br>C<br>T | N<br>O<br>V | D<br>E<br>C | J<br>A<br>N | F<br>E<br>B | M<br>A<br>R | A<br>P<br>R | M<br>A<br>Y | J<br>U<br>N | J<br>U<br>L        | A<br>U<br>G | S<br>E<br>P | O<br>C<br>T | N<br>O<br>V | D<br>E<br>C | J<br>A<br>N | F<br>E<br>B | M<br>A<br>R | A<br>P<br>R | M<br>A<br>Y | J<br>U<br>N | J<br>U<br>L | A<br>U<br>G | S<br>E<br>P |       |
|        |   |        |             |                |                | I           | I           |             |             |             |             |             | l           |             | 11                 |             |             |             | I           |             |             |             |             |             |             |             |             |             |             |       |
| M      |   |        | -           |                |                |             |             | PRODU       | CTION       | RATES       |             |             |             | -           | -                  | A           | DMIN I      | LEAD T      | IME         |             | MFR         |             | TOTA        | AL.         | REMA        | RKS         |             |             |             |       |
| F      | M PRODUCTION RATES F Reached  |        |             |                |                |             |             | hed M       | FR          |             |             | Pric        | or 1 Oct    | After       | r 1 Oct            | Aft         | er 1 Oct    |             | After 1     | Oct         |             |             |             |             |             |             |             |             |             |       |
| R      | F         R         Name - Location         MIN         1-8-5         MAX         D+  |        |             |                |                |             |             |             | +           | l In        | itial       |             |             | 6           |                    | 8           |             | 19          |             | 27          |             | •           |             |             |             |             |             |             |             |       |
| 1      | R         Name - Location         MIN         1-8-5         MAX         D+           1         FN Mfg Inc., Columbia, SC         1200         3000         4200         6 |        |             |                |                |             |             |             |             | Re          | eorder      |             | +           | 3           |                    | 2           |             | 23          |             | 25          |             | •           |             |             |             |             |             |             |             |       |
| 2      | 2 TBS, TBS 1200 3000 7200 6   |        |             |                |                |             |             |             |             | 2 Ini       | itial       |             | +           | 6           |                    | 10          |             | 17          |             | 27          |             | •           |             |             |             |             |             |             |             |       |
| 3      |   |        |             |                |                |             |             |             |             | _           | eorder      |             | +           | 3           | +                  | 2           |             | 17          |             | 19          |             | •           |             |             |             |             |             |             |             |       |
|        | TBS, TBS 1200 3000 4200 6   |        |             |                |                |             |             |             |             |             | itial       |             | +           | 6           | -                  | 6           |             | 16          |             | 22          |             | 1           |             |             |             |             |             |             |             |       |
|        | 156,125   |        |             |                |                |             |             |             |             | Re          | eorder      |             | +           | 3           | 1                  | 6           |             | 13          |             | 19          |             |             |             |             |             |             |             |             |             |       |
|        |   |        |             |                |                |             |             |             |             |             |             | -           | 4 In        | itial       |                    | +           | 6           |             | 11          |             | 29          |             | 40          |             | 1           |             |             |             |             |       |
|        |   |        |             |                |                |             |             |             |             |             |             |             | Re          | eorder      |                    | +           | 6           | +           | 3           |             | 16          |             | 19          |             | •           |             |             |             |             |       |
|        |   |        |             |                |                |             |             |             |             |             |             |             | _           | itial       |                    | +           |             | 1           |             |             |             |             |             |             | 1           |             |             |             |             |       |
|        |   |        |             |                |                |             |             |             |             |             |             |             | _           | order       |                    | +           |             | †           |             |             |             |             |             |             | 1           |             |             |             |             |       |

|            |          | F         | Y 12 /      | 13 BU          | DGET           | r PR(       | ODU         | CTIO        | N SCI       | HEDU:       | LE          |             |             | P-1 ITEM<br>M240 Me |             |             | TURE<br>Gun (7.62 | mm) (C      | G13000)     |             |             |             | Dat         | te:         | May 20      | 009         |             |             |             |          |
|------------|----------|-----------|-------------|----------------|----------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|---------------------|-------------|-------------|-------------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|----------|
|            | CO       | OST I     | ELEM        | IENTS          |                |             |             |             |             | ]           | Fiscal Y    | ear 12      | ı           |                     |             |             |                   |             |             |             |             | ]           | Fiscal Y    | ear 13      | 3           |             |             |             |             |          |
|            |          |           | ppog        | + GGED         | D.17           |             |             |             |             |             |             |             |             | G 1 1               | ¥7 4        |             |                   |             |             | I           |             |             |             | <u> </u>    | 1 17        | - 12        |             |             |             | 4        |
| M          |          | S<br>E    | PROC<br>QTY | ACCEP<br>PRIOR | BAL<br>DUE     |             |             |             |             |             |             |             |             | Calenda             | r Year 1    | 2           |                   |             |             |             |             |             |             | Calen       | ıdar Yea    | ır 13       |             |             |             |          |
| F<br>R     | FY       | R<br>V    | Each        | TO<br>1 OCT    | AS OF<br>1 OCT | O<br>C<br>T | N<br>O<br>V | D<br>E<br>C | J<br>A<br>N | F<br>E<br>B | M<br>A<br>R | A<br>P<br>R | M<br>A<br>Y | J<br>U<br>N         | J<br>U<br>L | A<br>U<br>G | S<br>E<br>P       | O<br>C<br>T | N<br>O<br>V | D<br>E<br>C | J<br>A<br>N | F<br>E<br>B | M<br>A<br>R | A<br>P<br>R | M<br>A<br>Y | J<br>U<br>N | J<br>U<br>L | A<br>U<br>G | S<br>E<br>P | Later    |
| 1. N       | 1240 Se  | eries We  | eapons      |                |                |             |             |             |             | <u> </u>    |             |             |             |                     |             |             |                   |             |             |             |             |             |             |             |             |             |             |             |             |          |
|            |          | nfantry   | Version -   | - M240B)       |                |             |             |             |             |             |             |             |             |                     |             |             |                   |             |             |             |             |             |             |             |             |             |             |             |             |          |
| 3 F        |          | A         | 12085       | 12085          |                |             |             |             |             |             |             |             |             |                     |             |             |                   |             |             |             |             |             |             |             |             |             |             |             |             | 0        |
| 3 F        |          | A         | 8080        | 8080           |                |             |             |             |             |             |             |             |             |                     |             |             |                   |             |             |             |             |             |             |             |             |             |             |             |             | 0        |
| 2 F        | Y 09     | A         | 4308        | 4308           |                |             |             |             |             |             |             |             |             |                     |             |             |                   |             |             |             |             |             |             |             |             |             |             |             |             | 0        |
| 3 F        | Y 08     | AF        | 10          | 10             |                |             |             |             |             |             |             |             |             |                     |             |             |                   |             |             |             |             |             |             |             |             |             |             |             |             | 0        |
| 3 F        | Y 08     | FMS       | 2638        | 2638           |                |             |             |             |             |             |             |             |             |                     |             |             |                   |             |             |             |             |             |             |             |             |             |             |             |             | 0        |
| 3 F        | Y 08     | MC        | 2884        | 2884           |                |             |             |             |             |             |             |             |             |                     |             |             |                   |             |             |             |             |             |             |             |             |             |             |             |             | 0        |
| 3 F        | Y 08     | NA        | 1644        | 1644           |                |             |             |             |             |             |             |             |             |                     |             |             |                   |             |             |             |             |             |             |             |             |             |             |             |             | 0        |
|            |          | Aviation  | Version     | - M240H)       | )              |             |             |             |             |             |             |             |             |                     |             |             |                   |             |             |             |             |             |             |             |             |             |             |             |             |          |
| 3 F        | Y 07     | A         | 818         | 818            |                |             |             |             |             |             |             |             |             |                     |             |             |                   |             |             |             |             |             |             |             |             |             |             |             |             | 0        |
| 3 F<br>3 F | Y 07     | CG        | 15          |                |                |             |             |             |             |             |             |             |             |                     |             |             |                   |             |             |             |             |             |             |             |             |             |             |             |             | 0        |
|            |          | A 818 818 |             |                |                |             |             |             |             |             |             |             |             |                     |             |             |                   |             |             |             |             |             |             |             |             |             |             |             |             | 0        |
| Hard       | ware (L  | ight Wo   | eight Ver   | rsion - M2     | 40E6)          | 1           |             |             |             | -           | 1           |             |             |                     | 1           |             |                   | -           | 1           | 1           | 1           |             |             | 1           | 1           | 1           | ı           | 1           | ı           |          |
|            |          |           |             |                |                | O<br>C<br>T | N<br>O<br>V | D<br>E<br>C | J<br>A<br>N | F<br>E<br>B | M<br>A<br>R | A<br>P<br>R | M<br>A<br>Y | J<br>U<br>N         | J<br>U<br>L | A<br>U<br>G | S<br>E<br>P       | O<br>C<br>T | N<br>O<br>V | D<br>E<br>C | J<br>A<br>N | F<br>E<br>B | M<br>A<br>R | A<br>P<br>R | M<br>A<br>Y | J<br>U<br>N | J<br>U<br>L | A<br>U<br>G | S<br>E<br>P |          |
|            |          |           |             |                |                |             |             |             |             |             |             |             |             |                     | *           |             | •                 | •           | -           |             |             |             |             |             |             |             |             |             |             | <u> </u> |
|            |          |           |             |                |                |             |             |             |             |             |             |             |             |                     |             |             |                   |             |             |             |             |             |             |             |             |             |             |             |             |          |
| M          |          |           |             |                |                |             |             | PRODU       | CTION 1     | RATES       |             |             |             |                     |             | A           | DMIN L            | EAD TI      | IME         | 1           | MFR         |             | TOTA        | AL          | REMA        | RKS         |             |             |             |          |
| F          |          |           |             |                |                |             |             |             |             |             | Reach       | ed MI       |             |                     |             | Pric        | r 1 Oct           |             | 1 Oct       | Aft         | er 1 Oct    |             | After 1     |             |             |             |             |             |             |          |
| R          |          |           |             | ne - Locati    | on             |             |             | MIN         | 1-8-5       | MAX         | D+          | 1           |             |                     |             |             | 6                 |             | 8           |             | 19          |             | 27          |             | _           |             |             |             |             |          |
|            |          |           | Columbia    | , SC           |                |             |             | 1200        | 3000        | 4200        | 6           |             |             | order               |             |             | 3                 | 1           | 2           |             | 23          |             | 25          |             |             |             |             |             |             |          |
|            | TBS, TBS |           |             |                |                |             |             | 1200        | 3000        | 7200        | 6           | 2           |             |                     |             |             | 6                 | -           | 10          |             | 17          |             | 27          |             | _           |             |             |             |             |          |
| $\vdash$   | S , ,    |           |             |                |                |             |             | 1200        | 7000        | 17532       | 6           | _           |             | order               |             |             | 3                 | 1           | 2           |             | 17          |             | 19          |             | _           |             |             |             |             |          |
| 4          | TBS, T   | BS        |             |                |                |             | -           | 1200        | 3000        | 4200        | 6           | 3           |             |                     |             |             | 6                 |             | 6           |             | 16          |             | 22          |             | -           |             |             |             |             |          |
|            |          |           |             |                |                |             |             |             |             |             |             |             |             | order               |             |             | 3                 |             | 6           |             | 13          |             | 19          |             | -           |             |             |             |             |          |
|            |          |           |             |                |                |             |             | +           |             |             |             | 4           |             |                     |             |             | 6                 |             | 11          |             | 29          |             | 40          |             | 1           |             |             |             |             |          |
|            |          |           |             |                |                |             | 1           |             |             | 1           | 1           | 1           | rRec        | order               |             | 1           | 6                 | •           | 3           | Ī           | 16          |             | 19          |             | i           |             |             |             |             |          |
|            |          |           |             |                |                |             |             |             |             |             |             |             | Init        |                     |             |             |                   |             | _           |             |             |             |             |             | 1           |             |             |             |             |          |

|        |  | F         | FY 12       | 13 BU          | DGE            | ΓPRO        | ODUC        | CTIO        | N SCI       | HEDU        | LE          |             |             | P-1 ITEM<br>M240 Me |             |             |             | 2mm) (0     | G13000)     |             |             |             | Date        |             | May 20      | )09         |             |             |             |       |
|--------|--|-----------|-------------|----------------|----------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|---------------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------|
|        | C  | OST       | ELEM        | IENTS          |                |             |             |             |             | ]           | Fiscal Y    | Year 12     | 2           |                     |             |             |             |             |             |             |             |             | Fiscal Y    | ear 13      |             |             |             |             |             |       |
| М      |  | S<br>E    | PROC<br>QTY | ACCEP<br>PRIOR | BAL<br>DUE     |             |             |             |             |             |             |             |             | Calenda             | r Year 1    | 2           |             |             |             |             |             |             |             | Calen       | dar Yea     | r 13        |             |             |             |       |
| F<br>R | FY   | R<br>V    | Each        | TO<br>1 OCT    | AS OF<br>1 OCT | O<br>C<br>T | N<br>O<br>V | D<br>E<br>C | J<br>A<br>N | F<br>E<br>B | M<br>A<br>R | A<br>P<br>R | M<br>A<br>Y | J<br>U<br>N         | J<br>U<br>L | A<br>U<br>G | S<br>E<br>P | O<br>C<br>T | N<br>O<br>V | D<br>E<br>C | J<br>A<br>N | F<br>E<br>B | M<br>A<br>R | A<br>P<br>R | M<br>A<br>Y | J<br>U<br>N | J<br>U<br>L | A<br>U<br>G | S<br>E<br>P | Later |
| 1      | FY 08  | A         | 2970        | 2970           |                |             |             |             |             | _           |             |             |             | +                   |             | _           | -           | _           | •           | -           |             |             |             |             |             |             |             | _           |             | 0     |
|        | FY 09  | A         | 1530        | 1330           | 200            | 200         |             |             |             |             |             |             |             |                     |             |             |             |             |             |             |             |             |             |             |             |             |             |             | ĺ           | 0     |
| 4      | FY 09  | Α         | 2094        | 0              | 2094           |             |             |             |             |             |             |             | 10          | 00 150              | 200         | 250         | 300         | 350         | 350         | 350         | 44          |             |             |             |             |             |             |             |             | 0     |
| 4      | FY 10  | Α         | 2010        | 0              | 2010           |             |             |             |             |             |             |             |             |                     |             |             |             |             |             |             | 306         | 350         | 350         | 350         | 350         | 304         |             |             |             | 0     |
|        |  |           |             |                |                |             |             |             |             |             |             |             |             |                     |             |             |             |             |             |             |             |             |             |             |             |             |             |             |             |       |
|        |  |           |             |                |                |             |             |             |             |             |             |             |             |                     |             |             |             |             |             |             |             |             |             |             |             |             |             |             |             |       |
|        |  |           |             |                |                |             |             |             |             |             |             |             |             |                     |             |             |             |             |             |             |             |             |             |             |             |             |             |             |             |       |
|        |  |           |             |                |                |             |             |             |             |             |             |             |             |                     |             |             |             |             |             |             |             |             |             |             |             |             |             |             | i           |       |
|        |  |           |             |                |                |             |             |             |             |             |             |             |             |                     |             |             |             |             |             |             |             |             |             |             |             |             |             |             | 1           |       |
|        |  |           |             |                |                |             |             |             |             |             |             |             |             |                     |             |             |             |             |             |             |             |             |             |             |             |             |             |             |             |       |
|        |  |           |             |                |                |             |             |             |             |             |             |             |             |                     |             |             |             |             |             |             |             |             |             |             | l           |             |             |             | <u> </u>    |       |
|        |  |           |             |                |                |             |             |             |             |             |             |             |             |                     |             |             |             |             |             |             |             |             |             |             | l           |             |             |             | <u> </u>    |       |
|        |  |           |             |                |                |             |             |             |             |             |             |             |             |                     |             |             |             |             |             |             |             |             |             |             |             |             |             |             | <u> </u>    |       |
|        |  |           |             |                |                |             |             |             |             |             |             |             |             |                     |             |             |             |             |             |             |             |             |             |             |             |             |             |             | <u> </u>    |       |
|        |  |           |             |                |                |             |             |             |             |             |             |             |             |                     |             |             |             |             |             |             |             |             |             |             |             |             |             |             | <u> </u>    |       |
| To     | tal  |           |             |                | 4304           | 200         |             |             |             |             |             |             | 100         | 150                 | 200         | 250         | 300         | 350         | 350         | 350         | 350         | 350         | 350         | 350         | 350         | 304         |             |             | <u> </u>    |       |
|        |  |           |             |                |                | O<br>C<br>T | N<br>O<br>V | D<br>E<br>C | J<br>A<br>N | F<br>E<br>B | M<br>A<br>R | A<br>P<br>R | M<br>A<br>Y | J<br>U<br>N         | J<br>U<br>L | A<br>U<br>G | S<br>E<br>P | O<br>C<br>T | N<br>O<br>V | D<br>E<br>C | J<br>A<br>N | F<br>E<br>B | M<br>A<br>R | A<br>P<br>R | M<br>A<br>Y | J<br>U<br>N | J<br>U<br>L | A<br>U<br>G | S<br>E<br>P |       |
|        |  |           |             |                |                |             |             |             |             |             |             |             |             |                     |             |             |             |             |             |             |             |             |             |             |             |             |             |             |             |       |
| M      |  |           |             |                |                |             | ]           | PRODU       | ICTION :    | RATES       |             |             |             |                     |             | A           | DMIN I      | EAD T       | IME         |             | MFR         |             | TOTA        | AL          | REMA        | RKS         |             |             |             |       |
| F      |  |           |             |                |                |             |             |             |             |             | Reach       | ned M       | FR          |                     |             | Pric        | or 1 Oct    | After       | r 1 Oct     |             |             |             |             |             |             |             |             |             |             |       |
| R      |  |           | Nam         | ne - Locati    | on             |             | N           | MIN         | 1-8-5       | MAX         | D+          | -           | 1 Ir        | Initial 6 8 19 27   |             |             |             |             |             |             |             |             |             |             |             |             |             |             |             |       |
| 1      | 1 FN Mfg Inc., Columbia, SC 1200 3000 4200 6 Reorder 3 2 23 25 |           |             |                |                |             |             |             |             |             |             |             |             |                     |             |             |             |             |             |             |             |             |             |             |             |             |             |             |             |       |
|        | TBS, T   |           |             |                |                |             | 1           | 1200        | 3000        | 7200        | 6           |             | 2 Ir        | nitial              |             |             | 6           |             | 10          |             | 17          |             | 27          |             |             |             |             |             |             |       |
| 3      | FN Mi  | g Inc., ( | Columbia    | , SC           |                |             | 1           | 1200        | 7000        | 17532       | 6           |             | R           | .eorder             |             |             | 3           |             | 2           |             | 17          |             | 19          |             |             |             |             |             |             |       |
| 4      | TBS, T   | BS        |             |                |                |             | 1           | 1200        | 3000        | 4200        | 6           |             | 3 Ir        | nitial              |             |             | 6           |             | 6           |             | 16          |             | 22          |             |             |             |             |             |             |       |
|        |  |           |             |                |                |             |             |             |             |             |             |             | R           | eorder              |             |             | 3           |             | 6           |             | 13          |             | 19          |             |             |             |             |             |             |       |
|        |  |           |             |                |                |             |             |             |             |             |             |             | 4 Ir        | nitial              |             |             | 6           |             | 11          |             | 29          |             | 40          |             |             |             |             |             |             |       |
|        |  |           |             |                |                |             |             |             |             |             |             |             | R           | eorder              |             |             | 6           |             | 3           |             | 16          |             | 19          |             |             |             |             |             |             |       |
|        |  |           |             |                |                |             |             |             |             |             |             |             | Ir          | nitial              |             |             |             |             |             |             |             |             |             |             |             |             |             |             |             |       |
|        |  |           |             |                |                |             | 1           | T           |             |             |             |             | D           | oordor              |             |             |             |             |             |             |             |             |             |             | 1           |             |             |             |             |       |

| Exhibit P-40, Budget Item   | Justification Sheet |         |            |                              |                                     | Date:       | ny 2009    |
|---|---------------------|---------|------------|------------------------------|-------------------------------------|-------------|------------|
| Appropriation / Budget Activity / Seria<br>Procurement of W&TCV, Army / 2 / Y |                     | es      |            | P-1 Item Nomencla<br>MACHINE | ture<br>GUN, CAL .50 M2 ROLL (GB200 |             | iy 2007    |
| Program Elements for Code B Items:  | Code:               | Other   | Related Pr | Program Elements:            |                                     |             |            |
|   | Prior Years         | FY 2008 |            | FY 2009                      | FY 2010                             | To Complete | Total Prog |
| Proc Qty  | 5114                |         | 3934       | 6167                         | 4825                                |             | 20040      |
| Gross Cost  | 56.3                |         | 57.3       | 99.6                         | 84.6                                |             | 297.7      |
| Less PY Adv Proc  |                     |         |            |                              |                                     |             |            |
| Plus CY Adv Proc  |                     |         |            |                              |                                     |             |            |
| Net Proc P1   | 56.3                |         | 57.3       | 99.6                         | 84.6                                |             | 297.7      |
| Initial Spares  |                     |         |            |                              |                                     |             |            |
| Total Proc Cost   | 56.3                |         | 57.3       | 99.6                         | 84.6                                |             | 297.7      |
| Flyaway U/C   |                     |         |            |                              |                                     |             |            |
| Weapon System Proc U/C  | 0.0                 |         | 0.0        | 0.0                          | 0.0                                 |             | 0.1        |

The M2 .50 Caliber Machine Gun is an automatic, belt-fed, recoil-operated, and air-cooled crew-served weapon. It mounts on the M3 tripod and on most vehicles, and serves as an anti-personnel and anti-aircraft weapon. It is highly effective against light armored vehicles, low- and slow-flying aircraft, and small boats. The M2 provides automatic weapon suppressive fire for offensive and defensive purposes. It is capable of single-shot and automatic fire.

### Justification:

FY10 Base procurement dollars in the amount of \$84.588 million supports the Active Army, National Guard and Reserve by purchasing 4,825 M2 Machine Guns for the Machine Gun Cal .50 M2 Roll system to alleviate a critical shortage of serviceable M2 Machine Guns for our Soldiers who are participating in Operation Iraqi Freedom and Operation Enduring Freedom. Inventories of the weapon in the depots have been severely depleted. This request is based on deficiencies identified from on-going combat operations in Afghanistan and Iraq.

| Active         | QTY<br>Gross Cost  | FY2008<br>3934<br>\$54.043 | FY2009<br>5071<br>\$81.914 | FY2010<br>4409<br>\$77.706 |
|----------------|--------------------|----------------------------|----------------------------|----------------------------|
| National Guard | QTY<br>Gross Cost  | \$2.280                    | 934<br>\$15.063            | 136<br>\$2.256             |
| Reserve        | QTY<br>Gross Costs | .958                       | 162<br>\$2.609             | 280<br>\$4.626             |

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| Exhibit P-40, Budget Item  | Justification Sheet |    |               |                              |                                     | Date:       | ay 2009    |
|--|---------------------|----|---------------|------------------------------|-------------------------------------|-------------|------------|
| Appropriation / Budget Activity / Serial<br>Procurement of W&TCV, Army / 2 / |                     | es |               | P-1 Item Nomencla<br>MACHINE | ture<br>GUN, CAL .50 M-2 FLEX (G109 | 00)         |            |
| Program Elements for Code B Items:   | Code                | A  | Other Related | Program Elements:            |                                     |             |            |
|  | Prior Years         | FY | 2008          | FY 2009                      | FY 2010                             | To Complete | Total Prog |
| Proc Qty   | 5114                |    | 3934          | 6167                         | 4825                                |             | 20040      |
| Gross Cost   | 56.3                |    | 57.3          | 99.6                         | 84.6                                |             | 297.7      |
| Less PY Adv Proc   |                     |    |               |                              |                                     |             |            |
| Plus CY Adv Proc   |                     |    |               |                              |                                     |             |            |
| Net Proc P1  | 56.3                |    | 57.3          | 99.6                         | 84.6                                |             | 297.7      |
| Initial Spares   |                     |    |               |                              |                                     |             |            |
| Total Proc Cost  | 56.3                |    | 57.3          | 99.6                         | 84.6                                |             | 297.7      |
| Flyaway U/C  |                     |    |               |                              |                                     |             |            |
| Weapon System Proc U/C   | 0.0                 |    | 0.0           | 0.0                          | 0.0                                 |             | 0.1        |

The M2 machine gun is an air-cooled machinegun weapon capable of semi-automatic and automatic fire. The feed is switchable from left to right hand feed. Currently, barrels are screwed into the barrel extension and once the barrel is installed in the weapon, the headspace and timing must be checked, and if necessary adjusted, prior to firing. Quick change barrel (QCB) designs are being tested and will be incorporated into productions buys starting in FY2010 which will eliminate the need for adjusting headspace and timing at the operator level. This weapon can be used effectively against light armored vehicles. The M2 machine gun when employed as a ground mounted weapon it uses the M3 Tripod, MK-56 (MOD 0) Navy Mount, MK93 MOD 2 mount and when vehicle installed, uses the M66 ring mount. Besides the QCB Kits, this line also funds other accessories such as the M3 Tripod, XM205 Lightweight tripod (New Start), and the MK93 MOD 2 mount.

### Justification:

FY10 Base procurement dollars in the amount of \$84.588 million supports the Active Army, National Guard and Reserve by purchasing 4,825 M2 Machine Guns for the Machine Gun Cal .50 M2 Flex system to alleviate a critical shortage of serviceable M2 Machine Guns for our Soldiers who are participating in Operation Iraqi Freedom and Operation Enduring Freedom. Inventories of the weapon in the depots have been severely depleted. This request is based on deficiencies identified from on-going combat operations in Afghanistan and Iraq.

| Active         | QTY<br>Gross Cost  | FY2008<br>3548<br>\$51.700 | FY2009<br>5097<br>\$90.786 | FY2010<br>4409<br>\$77.288 |
|----------------|--------------------|----------------------------|----------------------------|----------------------------|
| National Guard | QTY<br>Gross Cost  | 386<br>\$5.581             | 912<br>\$6.200             | 136<br>\$2.400             |
| Reserve        | QTY<br>Gross Costs |                            | 158<br>\$2.600             | 280<br>\$4.900             |

| Exhibit P-5, Weapon WTCV Cost Analysis | Appropriation/Budget Activity/Serial No:<br>Procurement of W&TCV, Army / 2 / Weap<br>combat vehicles | ons and    |       |           | menclature:<br>, CAL .50 M-2 FL | LEX (G10900) |           | Weapon Syster | m Type: | Date:     | May 2009 |
|--|--|------------|-------|-----------|---------------------------------|--------------|-----------|---------------|---------|-----------|----------|
| WTCV                                   | ID   |            | FY 08 |           |                                 | FY 09        |           |               | FY 10   |           |          |
| Cost Element                           | CD   | Total Cost | Qty   | Unit Cost | Total Cost                      | Qty          | Unit Cost | Total Cost    | Qty     | Unit Cost |          |
|  |  |            | \$000 | Units     | \$000                           | \$000        | Units     | \$000         | \$000   | Units     | \$000    |
| 1. Hardware                            |  |            |       |           |                                 |              |           |               |         |           |          |
| M2 Systems                             |  | A          | 55720 | 3934      | 14.2                            | 89422        | 6167      | 15.0          | 72383   | 4825      | 15.0     |
| MK93 Mounts                            |  |            |       |           |                                 | 8930         | 4612      | 1.9           | 10350   | 5425      | 1.9      |
| XM205 Lightweight Tripod               |  |            |       |           |                                 |              |           |               | 612     | 2 180     | 3.4      |
| 2. Production Engineering              |  |            | 663   |           |                                 | 400          |           |               | 443     | 3         |          |
| 3. Integrated Logistics Support        |  |            | 75    |           |                                 | 100          |           |               | 150     | О         |          |
| 4. Production Verification Test / FAT  |  |            | 323   |           |                                 |              |           |               |         |           |          |
| 5. Fielding                            |  |            | 300   |           |                                 | 50           |           |               | 100     |           |          |
| 6. First Destination Transportation    |  |            | 200   |           |                                 | 300          |           |               | 300     |           |          |
| 7. Engineering Studies                 |  |            |       |           |                                 | 384          |           |               | 250     | )         |          |
| Total:                                 |  |            | 57281 |           |                                 | 99586        |           |               | 84588   | 8         |          |

| Exhibit P-5a, Budget Pr   | Exhibit P-5a, Budget Procurement History and Planning  Date: May 2009 |                               |   |                          |            |                           |              |       |                        |                        |                      |  |  |  |  |
|---|---|-------------------------------|---|--------------------------|------------|---------------------------|--------------|-------|------------------------|------------------------|----------------------|--|--|--|--|
| Appropriation/Budget Activity/Serial No:<br>Procurement of W&TCV, Army/ 2/ Weapon | ns and other combat vehicles  | Weapon System Type:           | P-1 Line Item Nomenclature:<br>MACHINE GUN, CAL .50 M-2 FLEX (G10900) |                          |            |                           |              |       |                        |                        |                      |  |  |  |  |
| WBS Cost Elements:  |   | Contractor and Location       | Contract<br>Method and<br>Type  | Location of PCO          | Award Date | Date of First<br>Delivery | QTY<br>Units | \$000 | Specs<br>Avail<br>Now? | Date<br>Revsn<br>Avail | RFP<br>Issue<br>Date |  |  |  |  |
| M2 Systems  |   |                               |   |                          |            |                           |              |       |                        |                        |                      |  |  |  |  |
| FY 2008   | Gen Dyn-<br>Burlingto   | Armament & Tech Prod<br>n, VT | SS/FFP  | TACOM-RI, Rock Island IL | Sep 08     | Sep 09                    | 760          | 14.2  |                        |                        |                      |  |  |  |  |
| FY 2008   | Gen Dyn-<br>Burlingto   | Armament & Tech Prod<br>n, VT | SS/FFP  | TACOM-RI,Rock Island IL  | Apr 09     | Dec 09                    | 1001         | 14.2  |                        |                        |                      |  |  |  |  |
| FY 2008   | TBS<br>TBS  |                               | C/Other*  | TACOM-RI, Rock Island IL | Apr 09     | Jul 10                    | 1738         | 14.2  |                        |                        |                      |  |  |  |  |
| FY 2008   | Small Bus<br>TBS  | siness, TBS                   | C/Other*  | TACOM-RI, Rock Island IL | Jun 09     | Sep 10                    | 435          | 14.2  |                        |                        |                      |  |  |  |  |
| FY 2009   | Gen Dyn-<br>Burlingto   | Armament & Tech Prod<br>n, VT | SS/FFP  | TACOM-RI, Rock Island IL | Apr 09     | Mar 10                    | 1413         | 15.0  | Yes                    |                        |                      |  |  |  |  |
| FY 2009   | TBS<br>TBS  |                               | Option  | TACOM-RI, Rock Island IL | Jun 09     | Jan 11                    | 4754         | 15.0  | Yes                    |                        |                      |  |  |  |  |
| FY 2010   | TBS<br>TBS  |                               | Option  | TACOM-RI, Rock Island IL | Jan 10     | Jan 12                    | 4825         | 15.0  | Yes                    |                        |                      |  |  |  |  |

REMARKS: \* Portion of the FY 2008 funds will procure M2's using a new competitive Indefinite Delivery Indefinite Quantity (IDIQ) procurement action with two production winners (including one small business set aside) to establish a second producer.

|                     |         | F       | FY 08 /    | 09 BU       | J <b>DGE</b> T | Γ PR(       | ODUC        | CTIO        | N SCI       | HEDU        | LE                                |             |             | P-1 ITEN<br>MACHII |             |             |             | LEX (C      | G10900)     |             |             |             | Dat         |             | May 20      | 09          |             |             |             |       |
|---------------------|---------|---------|------------|-------------|----------------|-------------|-------------|-------------|-------------|-------------|-----------------------------------|-------------|-------------|--------------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------|
|                     | C       | )ST     | ELEM       | IENTS       | }              |             |             |             |             |             | Fiscal Y                          | Year 08     | l           | Fiscal Year 09     |             |             |             |             |             |             |             |             |             |             |             |             |             |             |             |       |
| S PROC ACCEP BAL Ca |         |         |            |             |                |             |             |             |             | Calenda     | Calendar Year 08 Calendar Year 09 |             |             |                    |             |             |             |             |             |             |             |             |             |             |             |             |             |             |             |       |
|                     | FY      | R<br>V  | Units      | TO<br>1 OCT | AS OF<br>1 OCT | O<br>C<br>T | N<br>O<br>V | D<br>E<br>C | J<br>A<br>N | F<br>E<br>B | M<br>A<br>R                       | A<br>P<br>R | M<br>A<br>Y | J<br>U<br>N        | J<br>U<br>L | A<br>U<br>G | S<br>E<br>P | O<br>C<br>T | N<br>O<br>V | D<br>E<br>C | J<br>A<br>N | F<br>E<br>B | M<br>A<br>R | A<br>P<br>R | M<br>A<br>Y | J<br>U<br>N | J<br>U<br>L | A<br>U<br>G | S<br>E<br>P | Later |
| M2 S                | ystems  |         |            |             |                | 1           | V           | C           | IN          | В           | K                                 | K           | Y           | N                  | L           | G           | P           | 1           | V           | C           | N           | В           | K           | K           | Y           | N           | L           | G           | Р           |       |
|                     | Y 07    |         | 2691       | 0           | 2691           |             |             |             |             |             |                                   | 100         |             | 90                 | 150         |             | 350         | 210         |             | 286         | 39          | 259         |             | 183         | 184         | 184         | 184         | 184         | 184         | 104   |
| 1 F                 | Y 08    | Α       | 1761       | 0           | 1761           |             |             |             |             |             |                                   |             |             |                    |             |             | A           |             |             |             |             |             |             | A           |             |             |             |             | 113         | 1648  |
| 2 F                 | Y 08    | A       | 1738       | 0           | 1738           |             |             |             |             |             |                                   |             |             |                    |             |             |             |             |             |             |             |             |             | A           |             |             |             |             |             | 1738  |
| 3 F                 | Y 08    | A       | 435        | 0           | 435            |             |             |             |             |             |                                   |             |             |                    |             |             |             |             |             |             |             |             |             |             |             | A           |             |             |             | 435   |
| 2 F                 | Y 09    | A       | 4754       | 0           | 4754           |             |             |             |             |             |                                   |             |             |                    |             |             |             |             |             |             |             |             |             |             |             | Α           |             |             |             | 4754  |
| 1 F                 | Y 09    | A       | 1413       | 0           | 1413           |             |             |             |             |             |                                   |             |             |                    |             |             |             |             |             |             |             |             |             | A           |             |             |             |             |             | 1413  |
| 2 F                 | Y 10    | A       | 4825       | 0           | 4825           |             |             |             |             |             |                                   |             |             |                    |             |             |             |             |             |             |             |             |             |             |             |             |             |             |             | 4825  |
| 1 F                 | Y 07    | AF      | 204        | 0           | 204            |             |             |             |             |             |                                   |             |             |                    |             |             |             |             |             | 15          | 20          | 30          | 30          | 15          | 35          | 29          | 20          | 10          |             | 0     |
| 2 F                 | Y 08    | AF      | 43         | 0           | 43             |             |             |             |             |             |                                   |             |             |                    |             |             |             |             |             |             |             |             |             |             | 10          | 10          | 10          | 13          |             | 0     |
|                     | Y 09    | AF      | 10         | 0           | 10             |             |             |             |             |             |                                   |             |             |                    |             |             |             |             |             |             |             |             |             |             |             |             |             |             |             | 10    |
| 2 F                 |         | AF      | 10         | 0           | 10             |             |             |             |             |             |                                   |             |             |                    |             |             |             |             |             |             |             |             |             |             |             |             |             |             |             | 10    |
| 1 F<br>P            | Y 07    | AR      | 80         | 0           | 80             |             |             |             |             |             |                                   |             |             |                    |             |             |             | 25          |             | 20          | 20          | 15          |             |             |             |             |             |             |             | 0     |
|                     |         |         |            |             |                | O<br>C<br>T | N<br>O<br>V | D<br>E<br>C | J<br>A<br>N | F<br>E<br>B | M<br>A<br>R                       | A<br>P<br>R | M<br>A<br>Y | J<br>U<br>N        | J<br>U<br>L | A<br>U<br>G | S<br>E<br>P | O<br>C<br>T | N<br>O<br>V | D<br>E<br>C | J<br>A<br>N | F<br>E<br>B | M<br>A<br>R | A<br>P<br>R | M<br>A<br>Y | J<br>U<br>N | J<br>U<br>L | A<br>U<br>G | S<br>E<br>P |       |
|                     |         |         |            |             |                |             |             |             |             |             |                                   |             |             |                    |             |             |             |             |             |             |             |             |             |             |             |             |             |             |             |       |
| M                   |         |         |            |             |                |             | ]           | PRODU       | ICTION 1    | RATES       |                                   |             |             |                    |             | A           | DMIN I      | EAD T       | IME         | ]           | MFR         |             | TOTA        | AL          | REMAI       | RKS         |             |             |             |       |
| F                   |         |         |            |             |                |             |             |             |             |             | Reacl                             | ned M       | FR          |                    |             | Prio        | or 1 Oct    | After       | r 1 Oct     | Aft         | er 1 Oct    |             | After 1     | Oct         |             |             |             |             |             |       |
| R                   |         |         | Nam        | e - Locati  | on             |             | N           | MIN         | 1-8-5       | MAX         | D+                                | - :         | l Iı        | nitial             |             |             | 3           |             | 3           |             | 11          |             | 14          |             |             |             |             |             |             |       |
|                     | Gen D   | /n-Arm  | nament &   | Tech Prod   | l, Burling     | ton, VT     |             | 300         | 4800        | 7200        |                                   |             | R           | eorder             |             |             | 3           |             | 1           |             | 13          |             | 14          |             |             |             |             |             |             |       |
|                     | TBS, T  |         |            |             |                |             |             | 300         | 4800        | 7800        |                                   |             | 2 I1        | nitial             |             |             | 3           |             | 17          |             | 16          |             | 33          |             |             |             |             |             |             |       |
| 3                   | Small l | 3usines | ss, TBS, T | BS          |                |             |             | 300         | 600         | 1500        |                                   |             | R           | eorder             |             |             | 3           |             | 3           |             | 25          |             | 28          |             |             |             |             |             |             |       |
|                     |         |         |            |             |                |             |             |             |             |             |                                   | 3           | 3 I1        | nitial             |             |             | 3           | 2           | 20          |             | 16          |             | 36          |             |             |             |             |             |             |       |
|                     |         |         |            |             |                |             |             |             |             |             |                                   |             |             | eorder             |             |             | 3           |             | 3           |             | 18          |             | 21          |             |             |             |             |             |             |       |
|                     |         |         |            |             |                |             |             |             |             |             | -                                 |             | <u> </u>    | nitial             |             |             |             |             |             |             |             |             |             |             |             |             |             |             |             |       |
|                     |         |         |            |             |                |             |             |             |             |             | 1                                 |             |             | eorder             |             |             |             |             |             |             |             |             |             |             |             |             |             |             |             |       |
|                     |         |         |            |             |                |             |             |             |             |             | +                                 |             | <b>—</b>    | nitial             |             |             |             |             |             |             |             |             |             |             |             |             |             |             |             |       |
|                     |         |         |            |             |                |             |             |             |             | l           | 1                                 |             | I R         | .eorder            |             | 1           |             | 1           |             |             |             |             |             |             | l           |             |             |             |             |       |

|                              | MAC MAC MAC MAC MAC MAC MAC MAC MAC MAC |        |             |                |                |             |             |             |             |                |                |             |             |                  | M NOME<br>NE GUN |             |             | FLEX (C     | G10900)     |             |             |             | Date             |             | May 20      | 009         |             |             |             |       |  |
|------------------------------|---|--------|-------------|----------------|----------------|-------------|-------------|-------------|-------------|----------------|----------------|-------------|-------------|------------------|------------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|------------------|-------------|-------------|-------------|-------------|-------------|-------------|-------|--|
| COST ELEMENTS Fiscal Year 08 |   |        |             |                |                |             |             |             |             | Fiscal Year 09 |                |             |             |                  |                  |             |             |             |             |             |             |             |                  |             |             |             |             |             |             |       |  |
| M                            |   | S<br>E | PROC<br>QTY | ACCEP<br>PRIOR | BAL<br>DUE     |             |             |             |             |                |                |             |             | Calendar Year 08 |                  |             |             |             |             |             |             |             | Calendar Year 09 |             |             |             |             |             |             |       |  |
| F<br>R                       | FY                                      | R<br>V | Units       | TO<br>1 OCT    | AS OF<br>1 OCT | O<br>C<br>T | N<br>O<br>V | D<br>E<br>C | J<br>A<br>N | F<br>E<br>B    | M<br>A<br>R    | A<br>P<br>R | M<br>A<br>Y | J<br>U<br>N      | J<br>U<br>L      | A<br>U<br>G | S<br>E<br>P | O<br>C<br>T | N<br>O<br>V | D<br>E<br>C | J<br>A<br>N | F<br>E<br>B | M<br>A<br>R      | A<br>P<br>R | M<br>A<br>Y | J<br>U<br>N | J<br>U<br>L | A<br>U<br>G | S<br>E<br>P | Later |  |
| 2                            | FY 08                                   | AR     | 17          | 0              | 17             |             |             |             |             |                |                |             |             |                  |                  |             |             |             |             |             |             |             |                  |             |             |             |             |             |             | 17    |  |
| 3                            | FY 08                                   | AR     | 4           | 0              | 4              |             |             |             |             |                |                |             |             |                  |                  |             |             |             |             |             |             |             |                  |             |             |             |             |             |             | 4     |  |
|                              | FY 07<br>P                              | FMS    | 67          | 0              | 67             |             |             |             |             |                |                |             |             |                  |                  |             |             |             |             |             |             |             |                  |             |             |             | 22          | 22          | 23          | 0     |  |
| 2                            | FY 08                                   | FMS    | 11          | 0              | 11             |             |             |             |             |                |                |             |             |                  |                  |             |             |             |             |             |             |             |                  |             |             |             |             |             |             | 11    |  |
| 3                            | FY 08                                   | FMS    | 5           | 0              |                |             |             |             |             |                |                |             |             |                  |                  |             |             |             |             |             |             |             |                  |             |             |             |             |             |             | 5     |  |
| _                            | FY 09                                   | FMS    | 1500        | 0              |                |             |             |             |             |                |                |             |             |                  |                  |             |             |             |             |             |             |             |                  |             |             |             |             |             |             | 1500  |  |
| _                            | FY 10                                   | FMS    | 1500        | 0              |                |             |             |             |             |                |                |             |             |                  |                  |             |             |             |             |             |             |             |                  |             |             |             |             |             |             | 1500  |  |
| 1                            | FY 07<br>P                              | MC     | 972         | 0              |                |             |             |             |             |                |                | 25          | 65          | 5                | 78               |             | 250         | 41          |             | 75          | 84          | 80          | 80               | 55          | 60          | 40          | 39          |             |             | 0     |  |
|                              | FY 09                                   | MC     | 110         | 0              |                |             |             |             |             |                |                |             |             |                  |                  |             |             |             |             |             |             |             |                  |             |             |             |             |             |             | 110   |  |
|                              | FY 10                                   | MC     | 110         | 0              |                |             |             |             |             |                |                |             |             |                  |                  |             |             |             |             |             |             |             |                  |             |             |             |             |             |             | 110   |  |
|                              | FY 07<br>P                              | NA     | 1071        | 0              | 1071           |             |             |             |             |                |                | 25          | 10          | 0                | 65               |             | 167         |             |             | 20          | 52          | 52          | 67               | 107         | 83          | 112         | 100         | 146         | 65          | 0     |  |
|                              |   |        |             |                |                | O<br>C<br>T | N<br>O<br>V | D<br>E<br>C | J<br>A<br>N | F<br>E<br>B    | M<br>A<br>R    | A<br>P<br>R | M<br>A<br>Y | J<br>U<br>N      | J<br>U<br>L      | A<br>U<br>G | S<br>E<br>P | O<br>C<br>T | N<br>O<br>V | D<br>E<br>C | J<br>A<br>N | F<br>E<br>B | M<br>A<br>R      | A<br>P<br>R | M<br>A<br>Y | J<br>U<br>N | J<br>U<br>L | A<br>U<br>G | S<br>E<br>P |       |  |
|                              |   |        |             |                |                |             |             |             |             |                |                |             |             |                  |                  |             |             |             |             |             |             |             |                  |             |             |             |             |             |             |       |  |
| M                            |   |        |             |                |                |             | F           | PRODU       | JCTION :    | RATES          |                |             |             |                  |                  | A           | DMIN I      | LEAD T      | IME         |             | MFR         |             | TOTA             | L           | REMA        | RKS         |             |             |             |       |  |
| F                            |   |        |             |                |                |             |             |             | Reac        | hed MF         | <sup>7</sup> R |             |             | Prio             | or 1 Oct         | Afte        | r 1 Oct     | Aft         | er 1 Oct    |             | After 1     | Oct         |                  |             |             |             |             |             |             |       |  |

| M |  | PROD | JCTION F | RATES |         |     |         | ADMIN L     | EAD TIME    | MFR         | TOTAL       | REMARKS |
|---|--|------|----------|-------|---------|-----|---------|-------------|-------------|-------------|-------------|---------|
| F |  |      |          |       | Reached | MFR |         | Prior 1 Oct | After 1 Oct | After 1 Oct | After 1 Oct |         |
| R | Name - Location                              | MIN  | 1-8-5    | MAX   | D+      | 1   | Initial | 3           | 3           | 11          | 14          |         |
| 1 | Gen Dyn-Armament & Tech Prod, Burlington, VT | 300  | 4800     | 7200  |         |     | Reorder | 3           | 1           | 13          | 14          |         |
| 2 | TBS, TBS                                     | 300  | 4800     | 7800  |         | 2   | Initial | 3           | 17          | 16          | 33          |         |
| 3 | Small Business, TBS, TBS                     | 300  | 600      | 1500  |         |     | Reorder | 3           | 3           | 25          | 28          |         |
|   |  |      |          |       |         | 3   | Initial | 3           | 20          | 16          | 36          |         |
|   |  |      |          |       |         |     | Reorder | 3           | 3           | 18          | 21          |         |
|   |  |      |          |       |         |     | Initial |             |             |             |             |         |
|   |  |      |          |       |         |     | Reorder |             |             |             |             |         |
|   |  |      |          |       |         |     | Initial |             |             |             |             |         |
|   |  |      |          |       |         |     | Reorder |             |             |             |             |         |

|  |         | F        | Y 08        | / 09 BU        | DGE            | ΓPRC        | )DU(        | CTIO        | N SCI       | HEDU        | LE          |             |  | P-1 ITEM<br>MACHI |             |             |             | FLEX (C     | G10900)     |             |             |             | Dat         | e:          | May 20      | 009         |             |             |  |       |  |  |
|--|---------|----------|-------------|----------------|----------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|--|-------------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|--|-------|--|--|
|  | CO      | OST I    | ELEN        | IENTS          |                |             |             |             |             |             | Fiscal Y    | ear 08      | ,  | 1                 |             |             |             |             |             |             |             |             | Fiscal Y    | ear 09      | )           |             |             |             |  |       |  |  |
| М  |         | S<br>E   | PROC<br>QTY | ACCEP<br>PRIOR | BAL<br>DUE     |             |             |             |             |             |             |             |  | Calenda           | r Year 0    | 8           | ļ           |             |             |             |             |             |             | Calen       | dar Yea     | ır 09       |             |             |  |       |  |  |
| F<br>R   | FY      | R<br>V   | Units       | TO<br>1 OCT    | AS OF<br>1 OCT | O<br>C      | N<br>O      | D<br>E      | J<br>A      | F<br>E      | M<br>A      | A<br>P      | M<br>A   | U                 | J<br>U      | A<br>U      | S<br>E      | O<br>C      | N<br>O      | D<br>E      | J<br>A      | F<br>E      | M<br>A      | A<br>P      | M<br>A      | J<br>U      | J<br>U      | A<br>U      | S<br>E   | Later |  |  |
| 2  | EV 00   | NA       | 624         | 0              | 624            | T           | V           | С           | N           | В           | R           | R           | Y  | N                 | L           | G           | P           | T           | V           | С           | N           | В           | R           | R           | Y           | N           | L           | G           | P  | 624   |  |  |
| -  |         | NA<br>NA | 156         | 0              |                |             |             |             |             |             |             |             | <u> </u>   |                   |             |             |             |             |             |             |             |             |             |             |             |             |             |             | <del>                                     </del> | 156   |  |  |
| -  |         | NA<br>NA | 246         | 0              |                |             |             |             |             |             |             |             | -  |                   |             |             |             |             |             |             |             |             |             |             |             |             |             |             |  | 246   |  |  |
| _  |         | NA<br>NA | 232         | 0              | 232            |             |             |             |             |             |             |             | -  |                   |             |             |             |             |             |             |             |             |             |             |             |             |             |             |  | 232   |  |  |
| _  | 1 10    | IVA      | 232         | 0              | 232            |             |             |             |             |             |             |             | _  |                   |             |             |             |             |             |             |             |             |             |             |             |             |             |             |  | 232   |  |  |
| ᅥ  |         |          |             |                |                |             |             |             |             |             |             |             | <del></del>                                      |                   |             |             |             |             |             |             |             |             |             |             |             |             |             |             |  |       |  |  |
|  |         |          |             |                |                |             |             |             |             |             |             |             | <del>                                     </del> |                   |             |             |             |             |             |             |             |             |             |             |             |             |             |             |  |       |  |  |
|  |         |          |             |                |                |             |             |             |             |             |             |             |  |                   |             |             |             |             |             |             |             |             |             |             |             |             |             |             |  |       |  |  |
|  |         |          |             |                |                |             |             |             |             |             |             |             |  |                   |             |             |             |             |             |             |             |             |             |             |             |             |             |             |  |       |  |  |
|  |         |          |             |                |                |             |             |             |             |             |             |             |  |                   |             |             |             |             |             |             |             |             |             |             |             |             |             |             |  |       |  |  |
|  |         |          |             |                |                |             |             |             |             |             |             |             |  |                   |             |             |             |             |             |             |             |             |             |             |             |             |             |             |  |       |  |  |
|  |         |          |             |                |                |             |             |             |             |             |             |             |  |                   |             |             |             |             |             |             |             |             |             |             |             |             |             |             |  |       |  |  |
|  |         |          |             |                |                |             |             |             |             |             |             |             |  |                   |             |             |             |             |             |             |             |             |             |             |             |             |             |             |  |       |  |  |
|  |         |          |             |                |                |             |             |             |             |             |             |             |  |                   |             |             |             |             |             |             |             |             |             |             |             |             |             |             |  |       |  |  |
|  |         |          |             |                |                |             |             |             |             |             |             |             |  |                   |             |             |             |             |             |             |             |             |             |             |             |             |             |             |  |       |  |  |
| Γot  | al      |          |             |                | 24589          |             |             |             |             |             |             | 150         | 165  | 5                 | 293         |             | 767         | 276         |             | 416         | 215         | 436         | 177         | 360         | 372         | 375         | 375         | 375         | 385  | 19452 |  |  |
|  |         |          |             |                |                | O<br>C<br>T | N<br>O<br>V | D<br>E<br>C | J<br>A<br>N | F<br>E<br>B | M<br>A<br>R | A<br>P<br>R | M<br>A<br>Y                                      | U                 | J<br>U<br>L | A<br>U<br>G | S<br>E<br>P | O<br>C<br>T | N<br>O<br>V | D<br>E<br>C | J<br>A<br>N | F<br>E<br>B | M<br>A<br>R | A<br>P<br>R | M<br>A<br>Y | J<br>U<br>N | J<br>U<br>L | A<br>U<br>G | S<br>E<br>P                                      |       |  |  |
|  |         |          |             |                |                |             |             |             |             |             | •           |             |  | •                 |             |             |             |             |             |             |             |             |             |             |             |             |             |             |  |       |  |  |
| M  |         |          |             |                |                |             | l           | PRODU       | CTION       | RATES       |             |             |  |                   |             | A           | DMIN I      | LEAD T      | IME         |             | MFR         |             | TOTA        | AL          | REMA        | RKS         |             |             |  |       |  |  |
| F  |         |          |             |                |                |             |             |             |             |             | Reach       | ned M       | FR   |                   |             | Pric        | or 1 Oct    | Afte        | r 1 Oct     | Aft         | er 1 Oct    |             | After 1     | Oct         |             |             |             |             |  |       |  |  |
| R  |         |          |             | ne - Locati    |                |             | N           | MIN         | 1-8-5       | MAX         | D+          |             | 1 I  | nitial            |             |             | 3           |             | 3           |             | 11          |             | 14          |             |             |             |             |             |  |       |  |  |
| 1 Gen Dyn-Armament & Tech Prod, Burlington, VT 300 4800 7200 Reorder |         |          |             |                |                |             |             |             |             |             | 3           |             | 1  |                   | 13          |             | 14          |             |             |             |             |             |             |             |             |             |             |             |  |       |  |  |
| 2  | TBS, T  | BS       |             |                |                |             |             | 300         | 4800        | 7800        |             |             | 2 I  | nitial            |             |             | 3           |             | 17          |             | 16          |             | 33          |             |             |             |             |             |  |       |  |  |
| 3  | Small I | Business | s, TBS, T   | BS             |                |             |             | 300         | 600         | 1500        |             |             | F  | Reorder           |             |             | 3           |             | 3           |             | 25          |             | 28          |             |             |             |             |             |  |       |  |  |
|  |         |          |             |                |                |             |             |             |             |             |             |             | 3 I  | nitial            |             |             | 3           |             | 20          |             | 16          |             | 36          |             |             |             |             |             |  |       |  |  |
|  |         |          |             |                |                |             |             |             |             |             |             |             | F  | Reorder           |             |             | 3           |             | 3           |             | 18          |             | 21          |             |             |             |             |             |  |       |  |  |
|  |         |          |             |                |                |             |             |             |             |             |             |             | I  | nitial            |             |             |             |             |             |             |             |             |             |             |             |             |             |             |  |       |  |  |
|  |         |          |             |                |                |             |             |             |             |             |             |             | F  | Reorder           |             |             |             |             |             |             |             |             |             |             |             |             |             |             |  |       |  |  |
|  |         |          |             |                |                |             |             |             |             |             | 1           |             | -  | nitial            |             |             |             |             |             |             |             |             |             |             |             |             |             |             |  |       |  |  |
|  | 1       |          |             |                |                |             | 1           |             |             | 1           | 1           |             | l T  | Do omdon          |             |             |             | 1           |             | 1           |             |             |             |             | 1           |             |             |             |  |       |  |  |

|        | FY 10 / 11 BUDGET PRODUCTION SCHEDULE |         |             |                |                |             |             |                   |             |             |             |             |             |                   |                  |             |             |             |             |             |             |             |             |             |             |             |             |             |             |       |
|--------|---------------------------------------|---------|-------------|----------------|----------------|-------------|-------------|-------------------|-------------|-------------|-------------|-------------|-------------|-------------------|------------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------|
|        |                                       | I       | FY 10 /     | 11 BU          | DGE            | ΓPRO        | ODUC        | CTIO              | N SCI       | HEDU        | LE          |             |             |                   | M NOME<br>NE GUN |             |             | FLEX (C     | G10900)     |             |             |             | Dat         | e:          | May 20      | 009         |             |             |             |       |
|        | C                                     | OST     | ELEM        | IENTS          |                |             |             |                   |             |             | Fiscal Y    | Year 10     |             | •                 |                  |             |             |             |             |             |             |             | Fiscal Y    | ear 11      | _           |             |             |             |             |       |
| M      |                                       | S<br>E  | PROC<br>QTY | ACCEP<br>PRIOR | BAL<br>DUE     |             |             |                   |             |             |             |             |             | Calenda           | ar Year 1        | 10          |             |             |             |             |             |             |             | Calen       | dar Yea     | ar 11       |             |             |             |       |
| F<br>R | FY                                    | R<br>V  | Units       | TO<br>1 OCT    | AS OF<br>1 OCT | O<br>C<br>T | N<br>O<br>V | D<br>E<br>C       | J<br>A<br>N | F<br>E<br>B | M<br>A<br>R | A<br>P<br>R | M<br>A<br>Y | J<br>U<br>N       | J<br>U<br>L      | A<br>U<br>G | S<br>E<br>P | O<br>C<br>T | N<br>O<br>V | D<br>E<br>C | J<br>A<br>N | F<br>E<br>B | M<br>A<br>R | A<br>P<br>R | M<br>A<br>Y | J<br>U<br>N | J<br>U<br>L | A<br>U<br>G | S<br>E<br>P | Later |
| M2     | System                                | s       |             |                |                | 1           | •           |                   | 14          | В           | K           | K           |             | 11                |                  | G           | 1           | •           | •           |             | 14          | ь           | K           | K           | 1           | 14          |             |             |             |       |
| 1      | FY 07<br>P                            | A       | 2691        | 2587           | 104            |             |             |                   |             |             |             |             |             |                   | 104              |             |             |             |             |             |             |             |             |             |             |             |             |             |             | 0     |
| 1      | FY 08                                 | A       | 1761        | 113            | 1648           | 325         | 325         | 325               | 325         | 325         | 23          |             |             |                   |                  |             |             |             |             |             |             |             |             |             |             |             |             |             |             | 0     |
| 2      | FY 08                                 | A       | 1738        | 0              | 1738           |             |             |                   |             |             |             |             |             |                   | 71               | 295         | 288         | 330         | 350         | 404         |             |             |             |             |             |             |             |             |             | 0     |
| 3      | FY 08                                 | A       | 435         | 0              | 435            |             |             |                   |             |             |             |             |             |                   |                  |             | 15          | 15          | 40          | 31          | 40          | 37          | 75          | 75          | 73          | 34          |             |             |             | 0     |
| 2      | FY 09                                 | A       | 4754        | 0              | 4754           |             |             |                   |             |             |             |             |             |                   |                  |             |             |             |             |             | 335         | 390         | 400         | 400         | 400         | 425         | 425         | 425         | 425         | 1129  |
| 1      | FY 09                                 | A       | 1413        | 0              | 1413           |             |             |                   |             |             | 302         | 325         | 3           | 25 325            | 136              |             |             |             |             |             |             |             |             |             |             |             |             |             |             | 0     |
| 2      | FY 10                                 | A       | 4825        | 0              | 4825           |             |             |                   | A           |             |             |             |             |                   |                  |             |             |             |             |             |             |             |             |             |             |             |             |             |             | 4825  |
|        | FY 07<br>P                            | AF      | 204         | 204            |                |             |             |                   |             |             |             |             |             |                   |                  |             |             |             |             |             |             |             |             |             |             |             |             |             |             | 0     |
| 2      | FY 08                                 | AF      | 43          | 43             |                |             |             |                   |             |             |             |             |             |                   |                  |             |             |             |             |             |             |             |             |             |             |             |             |             |             | 0     |
|        | FY 09                                 | AF      | 10          | 0              | 10             |             |             |                   |             |             |             |             |             |                   |                  |             | 5           | 5           |             |             |             |             |             |             |             |             |             |             |             | 0     |
|        | FY 10                                 | AF      | 10          | 0              | 10             |             |             |                   |             |             |             |             |             |                   |                  |             |             |             |             |             |             |             |             |             |             |             |             | 1           |             | 10    |
|        | FY 07<br>P                            | AR      | 80          | 80             |                |             |             |                   |             |             |             |             |             |                   |                  |             |             |             |             |             |             |             |             |             |             |             |             |             |             | 0     |
|        |                                       |         |             |                |                | O<br>C<br>T | N<br>O<br>V | D<br>E<br>C       | J<br>A<br>N | F<br>E<br>B | M<br>A<br>R | A<br>P<br>R | M<br>A<br>Y | U                 | J<br>U<br>L      | A<br>U<br>G | S<br>E<br>P | O<br>C<br>T | N<br>O<br>V | D<br>E<br>C | J<br>A<br>N | F<br>E<br>B | M<br>A<br>R | A<br>P<br>R | M<br>A<br>Y | J<br>U<br>N | J<br>U<br>L | A<br>U<br>G | S<br>E<br>P |       |
|        |                                       |         |             |                |                |             |             |                   |             |             |             |             |             |                   |                  |             |             |             |             |             |             |             |             |             |             |             |             |             |             |       |
| M      |                                       |         | -           |                |                |             | I           | PRODU             | CTION I     | RATES       |             |             |             |                   |                  | Α           | DMIN I      | LEAD T      | IME         |             | MFR         |             | TOTA        | AL          | REMA        | RKS         |             |             |             |       |
| F      |                                       |         |             |                |                |             |             |                   |             |             | Reac        | hed M       | FR          |                   |                  | Pri         | or 1 Oct    | Afte        | r 1 Oct     | Af          | ter 1 Oct   |             | After 1     | Oct         |             |             |             |             |             |       |
| R      |                                       |         | Nam         | ne - Locati    | on             |             | N           | MIN               | 1-8-5       | MAX         | D+          | F 1         | I           | nitial            |                  |             | 3           |             | 3           |             | 11          |             | 14          |             |             |             |             |             |             |       |
| 1      |                                       | yn-Arm  | nament &    | Tech Proc      | l, Burling     | ton, VT     |             | 300               | 4800        | 7200        |             |             | F           | leorder           |                  |             | 3           |             | 1           |             | 13          |             | 14          |             |             |             |             |             |             |       |
| 2      |                                       |         |             |                |                |             |             | 300               | 4800        | 7800        |             | 2           | 2 I         | nitial            |                  |             | 3           |             | 17          |             | 16          |             | 33          |             |             |             |             |             |             |       |
| 3      | Small                                 | Busines | ss, TBS, T  | BS             |                |             |             | 300               | 600         | 1500        |             |             | _           | teorder           |                  |             | 3           |             | 3           |             | 25          |             | 28          |             |             |             |             |             |             |       |
|        |                                       |         |             |                |                |             |             |                   |             |             |             | 3           | ⊢           | nitial            |                  |             | 3           |             | 20          |             | 16          |             | 36          |             | _           |             |             |             |             |       |
|        |                                       |         |             |                |                |             |             | $\longrightarrow$ |             |             |             |             |             | leorder           |                  |             | 3           | 1           | 3           | 1           | 18          |             | 21          |             | -           |             |             |             |             |       |
|        |                                       |         |             |                |                |             | -           | $\dashv$          |             |             |             |             | <b>—</b>    | nitial            |                  | -           |             | -           |             | -           |             |             |             |             | -           |             |             |             |             |       |
|        |                                       |         |             |                |                |             |             | -+                |             |             |             | _           | -+          | leorder<br>nitial |                  | +           |             | +           |             |             |             |             |             |             | -           |             |             |             |             |       |
|        |                                       |         |             |                |                |             |             | -+                |             |             |             |             | <b>—</b>    | teorder           |                  |             |             | +           |             |             |             |             |             |             | 1           |             |             |             |             |       |

|        |            | F  | Y 10 /      | 11 BU          | DGE            | ΓPRC        | DUC  | CTIO        | N SCI       | HEDU        | LE          |             |             | P-1 ITEN<br>MACHIN |             |             |             | LEX (G      | G10900)     |             |             |             | Date        |             | May 20             | 009         |             |             |             |       |
|--------|------------|--|-------------|----------------|----------------|-------------|--|-------------|-------------|-------------|-------------|-------------|-------------|--------------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|--------------------|-------------|-------------|-------------|-------------|-------|
|        | C          | OST I  | ELEM        | IENTS          |                |             |  |             |             | I           | iscal Y     | ear 10      |             | I                  |             |             |             |             |             |             |             | ]           | Fiscal Y    | ear 11      |                    |             |             |             |             |       |
| М      |            | S<br>E   | PROC<br>QTY | ACCEP<br>PRIOR | BAL<br>DUE     |             |  |             |             |             |             |             |             | Calenda            | r Year 1    | 10          |             |             |             |             |             |             |             | Calen       | dar Yea            | ır 11       |             |             |             |       |
| F<br>R | FY         | R<br>V   | Units       | TO<br>1 OCT    | AS OF<br>1 OCT | O<br>C<br>T | N<br>O<br>V  | D<br>E<br>C | J<br>A<br>N | F<br>E<br>B | M<br>A<br>R | A<br>P<br>R | M<br>A<br>Y | J<br>U<br>N        | J<br>U<br>L | A<br>U<br>G | S<br>E<br>P | O<br>C<br>T | N<br>O<br>V | D<br>E<br>C | J<br>A<br>N | F<br>E<br>B | M<br>A<br>R | A<br>P<br>R | M<br>A<br>Y        | J<br>U<br>N | J<br>U<br>L | A<br>U<br>G | S<br>E<br>P | Later |
| 2      | FY 08      | AR   | 17          | 0              | 17             | 1           | v  | C           | IN          | ь           | K           | K           | 1           | IN                 | 5           | 5           | r<br>7      | 1           | V           | C           | IN          | ь           | K           | K           | 1                  | IN          | L           | G           | r           | 0     |
| 3      | FY 08      | AR   | 4           | 0              | 4              |             |  |             |             |             |             |             |             |                    |             |             |             |             |             |             |             |             | 4           |             |                    |             |             |             |             | 0     |
| 1      | FY 07<br>P | FMS  | 67          | 67             |                |             |  |             |             |             |             |             |             |                    |             |             |             |             |             |             |             |             |             |             |                    |             |             |             |             | 0     |
| 2      | FY 08      | FMS  | 11          | 0              | 11             |             | 11   |             |             |             |             |             |             |                    |             |             |             |             |             |             |             |             | 0           |             |                    |             |             |             |             |       |
| 3      | FY 08      | FMS  | 5           | 0              | 5              |             | 5  |             |             |             |             |             |             |                    |             |             |             |             |             |             |             |             | 0           |             |                    |             |             |             |             |       |
| 2      | FY 09      | FMS  | 1500        | 0              | 1500           |             |  |             |             |             |             |             |             |                    |             |             | 20          | 50          | 50          | 50          | 50          | 1280        |             |             |                    |             |             |             |             |       |
| 2      | FY 10      | FMS  | 1500        | 0              | 1500           |             |  |             |             |             |             |             |             |                    |             |             |             |             |             |             |             |             |             |             |                    |             |             |             |             | 1500  |
| 1      | FY 07<br>P | MC   | 972         | 972            |                |             |  |             |             |             |             |             |             |                    |             |             |             |             |             |             |             |             |             |             |                    |             |             |             |             | 0     |
| 2      | FY 09      | MC   | 110         | 0              | 110            |             |  |             |             |             |             |             |             |                    |             |             |             |             |             |             | 25          | 25          | 25          | 25          | 10                 |             |             |             |             | 0     |
| 2      | FY 10      | MC   | 110         | 0              | 110            |             |  |             |             |             |             |             |             |                    |             |             |             |             |             |             |             |             |             |             |                    |             |             |             |             | 110   |
| 1      | FY 07<br>P | NA   | 1071        | 1071           |                |             |  |             |             |             |             |             |             |                    |             |             |             |             |             |             |             |             |             |             |                    |             |             |             |             | 0     |
|        |            | •  |             |                |                | O<br>C<br>T | N<br>O<br>V  | D<br>E<br>C | J<br>A<br>N | F<br>E<br>B | M<br>A<br>R | A<br>P<br>R | M<br>A<br>Y | J<br>U<br>N        | J<br>U<br>L | A<br>U<br>G | S<br>E<br>P | O<br>C<br>T | N<br>O<br>V | D<br>E<br>C | J<br>A<br>N | F<br>E<br>B | M<br>A<br>R | A<br>P<br>R | M<br>A<br>Y        | J<br>U<br>N | J<br>U<br>L | A<br>U<br>G | S<br>E<br>P |       |
|        | T          |  |             |                |                |             |  |             |             |             | T           |             |             |                    |             |             |             |             |             | г .         |             |             |             |             | In an according to |             |             |             |             |       |
| M<br>F |            |  |             |                |                |             | PRODUCTION RATES         ADMIN LEAD TIME         MFR           Reached         MFR         Prior 1 Oct         After 1 Oct         After 1 Oct |             |             |             |             |             |             |                    |             |             | TOTA        |             | REMA        | RKS         |             |             |             |             |                    |             |             |             |             |       |
| r<br>R |            | Name - Location         MIN         1-8-5         MAX         D+         1 |             |                |                |             |  |             | nitial      |             | PII         | 3           |             | 3                  | Alt         | 11          |             | After 1     | OCI         | 1           |             |             |             |             |                    |             |             |             |             |       |
| 1      |            | yn-Arm:  |             | Tech Prod      |                | ton, VT     |  | 300         | 4800        | 7200        |             | ┤ 1         | -           | eorder             |             | +           | 3           | +           | 1           |             | 13          |             | 14          |             | 1                  |             |             |             |             |       |
| 2      |            |  |             |                | ,              | ,           |  | 300         | 4800        | 7800        |             | 2           |             | nitial             |             | +           | 3           | +           | 17          |             | 16          |             | 33          |             | 1                  |             |             |             |             |       |
| 3      |            |  | s, TBS, T   | BS             |                |             |  | 300         | 600         | 1500        |             |             | -           | eorder             |             |             | 3           | +           | 3           |             | 25          |             | 28          |             | 1                  |             |             |             |             |       |
|        |            |  | -           |                |                |             |  |             |             |             |             | 3           |             | nitial             |             |             | 3           |             | 20          |             | 16          |             | 36          |             | 1                  |             |             |             |             |       |
|        |            |  |             |                |                |             |  |             |             |             |             |             | R           | eorder             |             |             | 3           |             | 3           |             | 18          |             | 21          |             | 1                  |             |             |             |             |       |
|        |            |  |             |                |                |             |  |             |             |             |             |             | Ir          | nitial             |             |             |             |             |             |             |             |             |             |             | 1                  |             |             |             |             |       |
|        |            |  |             |                |                |             |  |             |             |             |             |             | R           | eorder             |             |             |             |             |             |             |             |             |             |             | 1                  |             |             |             |             |       |

Initial Reorder

|        |          | F        | Y 10 /      | 11 BU          | DGE'           | Γ PR(       | ODUC        | CTIO        | N SC        | HEDU        | JLE         |             |             | P-1 ITEN<br>MACHII |             |             |             | FLEX (C     | 310900)     |             |             |             | Date        |             | May 20      | 009         |             |             |             |       |  |  |  |
|--------|----------|----------|-------------|----------------|----------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|--------------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------|--|--|--|
|        | CO       | OST I    | ELEM        | IENTS          |                |             |             |             |             |             | Fiscal `    | Year 10     | )           | •                  |             |             |             |             |             |             |             | ]           | Fiscal Y    | ear 11      |             |             |             |             |             |       |  |  |  |
| M      |          | S<br>E   | PROC<br>QTY | ACCEP<br>PRIOR | BAL<br>DUE     |             |             |             |             |             |             |             |             | Calenda            | r Year 1    | 0           |             |             |             |             |             |             |             | Calen       | dar Yea     | r 11        |             |             |             |       |  |  |  |
| F<br>R | FY       | R<br>V   | Units       | TO<br>1 OCT    | AS OF<br>1 OCT | O<br>C<br>T | N<br>O<br>V | D<br>E<br>C | J<br>A<br>N | F<br>E<br>B | M<br>A<br>R | A<br>P<br>R | M<br>A<br>Y | U                  | J<br>U<br>L | A<br>U<br>G | S<br>E<br>P | O<br>C<br>T | N<br>O<br>V | D<br>E<br>C | J<br>A<br>N | F<br>E<br>B | M<br>A<br>R | A<br>P<br>R | M<br>A<br>Y | J<br>U<br>N | J<br>U<br>L | A<br>U<br>G | S<br>E<br>P | Later |  |  |  |
| 2      | FY 08    | NA       | 624         | 0              | 624            |             |             |             |             |             |             |             | 1           |                    | 20          | 100         | 100         | 54          | 50          | 50          | 50          | 50          | 50          | 50          | 50          |             |             |             |             | 0     |  |  |  |
| 3      | FY 08    | NA       | 156         | 0              | 156            |             |             |             |             |             |             |             | t           |                    |             |             | 10          | 10          | 10          | 10          | 25          | 23          | 21          | 25          | 22          |             |             |             |             | 0     |  |  |  |
| 2      | FY 09    | NA       | 246         | 0              | 246            |             |             |             |             |             |             |             | 1           |                    |             |             |             |             |             |             | 25          | 25          | 25          | 25          | 25          | 25          | 25          | 25          | 25          | 21    |  |  |  |
| 2      | FY 10    | NA       | 232         | 0              | 232            |             |             |             |             |             |             |             | 1           |                    |             |             |             |             |             |             |             |             |             |             |             |             |             |             |             | 232   |  |  |  |
|        |          |          |             |                |                |             |             |             |             |             |             |             | 1           |                    |             |             |             |             |             |             |             |             |             |             |             |             |             |             |             |       |  |  |  |
|        |          |          |             |                |                |             |             |             |             |             |             |             | 1           |                    |             |             |             |             |             |             |             |             |             |             |             |             |             |             |             |       |  |  |  |
|        |          |          |             |                |                |             |             |             |             |             |             |             | 1           |                    |             |             |             |             |             |             |             |             |             |             |             |             |             |             |             |       |  |  |  |
|        |          |          |             |                |                |             |             |             |             |             |             |             | T           |                    |             |             |             |             |             |             |             |             |             |             |             |             |             |             |             |       |  |  |  |
|        |          |          |             |                |                |             |             |             |             |             |             |             | T           |                    |             |             |             |             |             |             |             |             |             |             |             |             |             |             |             |       |  |  |  |
|        |          |          |             |                |                |             |             |             |             |             |             |             | 1           |                    |             |             |             |             |             |             |             |             |             |             |             |             |             |             |             |       |  |  |  |
|        |          |          |             |                |                |             |             |             |             |             |             |             |             |                    |             |             |             |             |             |             |             |             |             |             |             |             |             |             |             |       |  |  |  |
|        |          |          |             |                |                |             |             |             |             |             |             |             |             |                    |             |             |             |             |             |             |             |             |             |             |             |             |             |             |             |       |  |  |  |
|        |          |          |             |                |                |             |             |             |             |             |             |             | 1           |                    |             |             |             |             |             |             |             |             |             |             |             |             |             |             |             |       |  |  |  |
|        |          |          |             |                |                |             |             |             |             |             |             |             |             |                    |             |             |             |             |             |             |             |             |             |             |             |             |             |             |             |       |  |  |  |
|        |          |          |             |                |                |             |             |             |             |             |             |             |             |                    |             |             |             |             |             |             |             |             |             |             |             |             |             |             |             |       |  |  |  |
| Γot    | al       |          |             |                | 19452          | 325         | 325         | 325         | 325         | 325         | 325         | 325         | 325         | 5 325              | 336         | 400         | 425         | 425         | 450         | 500         | 500         | 550         | 600         | 600         | 600         | 534         | 500         | 500         | 500         | 9107  |  |  |  |
|        |          |          |             |                |                | 0           | N           | D           | J           | F           | M           | A           | M           |                    | J           | A           | S           | 0           | N           | D           | J           | F           | M           | A           | M           | J           | J           | A           | S           |       |  |  |  |
|        |          |          |             |                |                | C<br>T      | O<br>V      | E<br>C      | A<br>N      | E<br>B      | A<br>R      | P<br>R      | A<br>Y      |                    | U<br>L      | U<br>G      | E<br>P      | C<br>T      | O<br>V      | E<br>C      | A<br>N      | E<br>B      | A<br>R      | P<br>R      | A<br>Y      | U<br>N      | U<br>L      | U<br>G      | E<br>P      |       |  |  |  |
|        |          |          |             |                |                |             |             |             | ı           |             |             |             |             |                    | l l         |             |             |             |             |             |             |             | l.          | L           | L           |             |             |             |             |       |  |  |  |
|        | ı        |          |             |                |                |             | - 1 ,       | DD OD II    | OTTION!     | D. I. TEEG  |             | 1           |             |                    |             | Τ.          | D) M) I     |             | D. 65       | 1 .         | . CED       |             | mom.        | •           | DEL CA      | DYZ         |             |             |             |       |  |  |  |
| M      |          |          |             |                |                |             | -           | PRODU       | CTION       | RATES       |             |             |             |                    |             |             |             | LEAD T      |             |             | MFR         |             | TOTA        |             | REMA        | RKS         |             |             |             |       |  |  |  |
| F      |          |          |             |                |                |             |             |             | 105         | 37137       |             | hed M       | _           |                    |             | Pric        | or 1 Oct    |             | r 1 Oct     | Aft         | er 1 Oct    |             | After 1     | Oct         |             |             |             |             |             |       |  |  |  |
| R      | ~ ~      |          |             | e - Location   |                | * ****      |             | MIN         | 1-8-5       | MAX         | D-          | -           | _           | nitial             |             |             | 3           | -           | 3           |             | 11          |             | 14          |             |             |             |             |             |             |       |  |  |  |
| 1      | , a      |          |             |                |                |             |             |             |             | Reorder     |             |             | 3           |                    | 1           |             | 13          |             | 14          |             |             |             |             |             |             |             |             |             |             |       |  |  |  |
| 2      | <u> </u> |          |             |                |                |             |             |             | -           | nitial      |             | _           | 3           | -                  | 17          |             | 16          |             | 33          |             |             |             |             |             |             |             |             |             |             |       |  |  |  |
| 3      |          |          |             |                |                |             |             |             |             |             | Reorder     |             | 1           | 3                  | _           | 3           |             | 25          |             | 28          |             |             |             |             |             |             |             |             |             |       |  |  |  |
|        |          |          |             |                |                |             |             |             |             |             |             |             | 3 I         | nitial             |             |             | 3           | _           | 20          |             | 16          |             | 36          |             |             |             |             |             |             |       |  |  |  |
|        |          |          |             |                |                |             |             |             |             |             |             |             | F           | Reorder            |             |             | 3           |             | 3           |             | 18          |             | 21          |             |             |             |             |             |             |       |  |  |  |
|        |          |          |             |                |                |             |             |             |             |             |             |             | I           | nitial             |             |             |             |             |             |             |             |             |             |             |             |             |             |             |             |       |  |  |  |
|        |          |          |             |                |                |             |             |             |             |             |             |             | F           | Reorder            |             |             |             |             |             |             |             |             |             |             |             |             |             |             |             |       |  |  |  |
|        |          |          |             |                |                |             |             |             |             |             |             |             | I           | nitial             |             |             |             |             |             |             |             |             |             |             |             |             |             |             |             |       |  |  |  |
|        |          | Donder P |             |                |                |             |             |             |             |             |             |             |             |                    |             |             |             |             |             |             |             |             |             |             |             |             |             |             |             |       |  |  |  |

|        |        | FY 12 / 13 BUDGET PRODUCTION SCHEDULE |             |                |                |             |             |             |             |             |             |             |             |                    |             |             |             |             |             |             |             |             |             |             |             |             |             |             |             |       |   |
|--------|--------|---------------------------------------|-------------|----------------|----------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|--------------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------|---|
|        |        | F                                     | Y 12 /      | 13 BU          | DGE            | ΓPRO        | ODUC        | CTIO        | N SCI       | HEDU        | JLE         |             |             | P-1 ITEM<br>MACHIN |             |             |             | FLEX (C     | G10900)     |             |             |             | Dat         | te:         | May 20      | 009         |             |             |             |       |   |
|        | C      | OST                                   | ELEM        | ENTS           |                |             |             |             |             |             | Fiscal Y    | Year 12     |             |                    |             |             |             |             |             |             |             |             | Fiscal Y    | ear 13      | 3           |             |             |             |             |       |   |
| M      |        | S<br>E                                | PROC<br>QTY | ACCEP<br>PRIOR | BAL<br>DUE     |             |             |             |             |             |             |             |             | Calenda            | r Year 1    | 2           |             |             |             |             |             |             |             | Calen       | ıdar Yea    | ar 13       |             |             |             |       |   |
| F<br>R | FY     | R<br>V                                | Units       | TO<br>1 OCT    | AS OF<br>1 OCT | O<br>C<br>T | N<br>O<br>V | D<br>E<br>C | J<br>A      | F<br>E      | M<br>A<br>R | A<br>P      | M<br>A<br>Y | J<br>U<br>N        | J<br>U      | A<br>U      | S<br>E<br>P | O<br>C<br>T | N<br>O<br>V | D<br>E      | J<br>A<br>N | F<br>E      | M<br>A      | A<br>P      | M<br>A<br>Y | J<br>U      | J<br>U      | A<br>U<br>G | S<br>E<br>P | Later |   |
| M2 -   | System |                                       |             |                |                | 1           | V           | C           | N           | В           | K           | R           | Y           | N                  | L           | G           | P           | 1           | v           | С           | N           | В           | R           | R           | Y           | N           | L           | G           | r           |       | L |
| 1 1    | FY 07  |                                       | 2691        | 2691           |                |             |             |             |             |             |             |             |             |                    |             |             |             |             |             |             |             |             |             |             |             |             |             |             |             | 0     | Γ |
|        | FY 08  | A                                     | 1761        | 1761           |                |             |             |             |             |             |             |             |             |                    |             |             |             |             |             |             |             |             |             |             |             |             |             |             |             | 0     |   |
|        | FY 08  | A                                     | 1738        | 1738           |                |             |             |             |             |             |             |             |             |                    |             |             |             |             |             |             |             |             |             |             |             |             |             |             |             | 0     | 4 |
|        | FY 08  | A                                     | 435         | 435            |                |             |             |             |             |             |             |             |             |                    |             |             |             |             |             |             |             |             |             |             |             |             |             |             |             | 0     |   |
|        | FY 09  | A                                     | 4754        | 3625           | 1129           | 400         | 400         | 329         |             |             |             |             |             |                    |             |             |             |             |             |             |             |             |             |             |             |             |             |             |             | 0     | • |
| 1 1    | FY 09  | A                                     | 1413        | 1413           |                |             |             |             |             |             |             |             |             |                    |             |             |             |             |             |             |             |             |             |             |             |             |             |             |             | 0     |   |
| 2 1    | FY 10  | A                                     | 4825        | 0              | 4825           |             |             |             | 430         | 430         | 430         | 430         | 430         | 430                | 430         | 430         | 440         | 450         | 450         | 45          |             |             |             |             |             |             |             |             |             | 0     | 1 |
|        | FY 07  | AF                                    | 204         | 204            |                |             |             |             |             |             |             |             |             |                    |             |             |             |             |             |             |             |             |             |             |             |             |             |             |             | 0     |   |
| 2 1    | FY 08  | AF                                    | 43          | 43             |                |             |             |             |             |             |             |             |             |                    |             |             |             |             |             |             |             |             |             |             |             |             |             |             |             | 0     | 1 |
| 2 1    | FY 09  | AF                                    | 10          | 10             |                |             |             |             |             |             |             |             |             |                    |             |             |             |             |             |             |             |             |             |             |             |             |             |             |             | 0     |   |
| 2 1    | FY 10  | AF                                    | 10          | 0              | 10             |             |             |             |             |             | 10          |             |             |                    |             |             |             |             |             |             |             |             |             |             |             |             |             |             |             | 0     |   |
|        | FY 07  | AR                                    | 80          | 80             |                |             |             |             |             |             |             |             |             |                    |             |             |             |             |             |             |             |             |             |             |             |             |             |             |             | 0     |   |
|        |        |                                       |             |                |                | O<br>C<br>T | N<br>O<br>V | D<br>E<br>C | J<br>A<br>N | F<br>E<br>B | M<br>A<br>R | A<br>P<br>R | M<br>A<br>Y | J<br>U<br>N        | J<br>U<br>L | A<br>U<br>G | S<br>E<br>P | O<br>C<br>T | N<br>O<br>V | D<br>E<br>C | J<br>A<br>N | F<br>E<br>B | M<br>A<br>R | A<br>P<br>R | M<br>A<br>Y | J<br>U<br>N | J<br>U<br>L | A<br>U<br>G | S<br>E<br>P |       |   |
|        |        |                                       |             |                |                |             |             |             |             |             |             |             |             |                    |             |             |             |             |             |             |             |             |             |             |             |             |             |             |             |       |   |
| M      |        |                                       | -           |                |                |             | ]           | PRODU       | CTION I     | RATES       |             |             |             |                    |             | A           | DMIN I      | EAD T       | IME         |             | MFR         |             | TOTA        | AL          | REMA        | RKS         |             |             |             |       | _ |
| F      |        |                                       |             |                |                |             |             |             |             |             | Reac        | hed MI      | 7R          |                    |             | Pric        | or 1 Oct    | After       | r 1 Oct     | Aft         | ter 1 Oct   |             | After 1     | Oct         |             |             |             |             |             |       |   |
| R      |        |                                       | Nam         | e - Locatio    | on             |             | N           | MIN         | 1-8-5       | MAX         | D-          | + 1         | Ini         | tial               |             |             | 3           |             | 3           |             | 11          |             | 14          |             |             |             |             |             |             |       |   |
| 1      | Gen D  | yn-Arm                                | nament & '  | Tech Prod      | l, Burling     | ton, VT     |             | 300         | 4800        | 7200        |             |             | Re          | order              |             |             | 3           |             | 1           |             | 13          |             | 14          |             |             |             |             |             |             |       |   |
| 2      |        |                                       |             |                |                |             |             | 300         | 4800        | 7800        |             | 2           | Ini         | tial               |             |             | 3           |             | 17          |             | 16          |             | 33          |             |             |             |             |             |             |       |   |
| 3      | Small  | Busines                               | ss, TBS, T  | BS             |                |             |             | 300         | 600         | 1500        |             |             | Re          | order              |             |             | 3           |             | 3           |             | 25          |             | 28          |             |             |             |             |             |             |       |   |
|        |        |                                       |             |                |                |             |             |             |             |             |             | 3           | Ini         | tial               |             |             | 3           |             | 20          |             | 16          |             | 36          |             |             |             |             |             |             |       |   |
|        |        |                                       |             |                |                |             |             |             |             |             | _           | _           |             | order              |             |             | 3           | <u> </u>    | 3           |             | 18          |             | 21          |             | 1           |             |             |             |             |       |   |
|        |        |                                       |             |                |                |             |             |             |             |             |             |             |             | tial               |             |             |             | 1           |             |             |             | _           |             |             | 4           |             |             |             |             |       |   |
|        |        |                                       |             |                |                |             | _           | order       |             |             |             |             |             |                    |             |             |             |             | -           |             |             |             |             |             |             |             |             |             |             |       |   |
|        |        |                                       |             |                |                |             |             |             |             |             |             |             | _           | order              |             |             |             | 1           |             |             |             |             |             |             | -           |             |             |             |             |       |   |
|        |        |                                       |             |                |                |             | 1           |             |             | i           | 1           | 1           | Re          | order              |             | 1           |             | 1           |             | 1           |             | 1           |             |             | 1           |             |             |             |             |       |   |

|   |            | F      | Y 12        | / 13 BU        | DGE            | ΓPRO         | DUC         | CTIO        | N SCI       | HEDU        | LE          |             |             | P-1 ITEN<br>MACHIN |             |             |             | FLEX (C     | G10900)     |             |             |             | Dat         | te:         | May 20      | 009         |             |             |             |       |
|---|------------|--------|-------------|----------------|----------------|--------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|--------------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------|
|   | C          | OST    | ELEM        | IENTS          |                |              |             |             |             |             | Fiscal Y    | Year 12     | 2           |                    |             |             |             |             |             |             |             | ]           | Fiscal Y    | ear 13      | 3           |             |             |             |             |       |
| М   |            | S<br>E | PROC<br>QTY | ACCEP<br>PRIOR | BAL<br>DUE     |              |             |             |             |             |             |             |             | Calenda            | r Year 1    | 2           |             |             |             |             |             |             |             | Calen       | ıdar Yea    | ar 13       |             |             |             |       |
| F<br>R  |            | R<br>V | Units       | TO<br>1 OCT    | AS OF<br>1 OCT | O<br>C<br>T  | N<br>O<br>V | D<br>E<br>C | J<br>A<br>N | F<br>E<br>B | M<br>A<br>R | A<br>P<br>R | M<br>A<br>Y | J<br>U<br>N        | J<br>U<br>L | A<br>U<br>G | S<br>E<br>P | O<br>C<br>T | N<br>O<br>V | D<br>E<br>C | J<br>A<br>N | F<br>E<br>B | M<br>A<br>R | A<br>P<br>R | M<br>A<br>Y | J<br>U<br>N | J<br>U<br>L | A<br>U<br>G | S<br>E<br>P | Later |
| 2   | FY 08      | AR     | 17          | 17             |                |              |             |             |             |             |             |             |             |                    |             |             |             |             |             |             |             |             |             |             |             |             |             |             |             | 0     |
| 3   | FY 08      | AR     | 4           | 4              |                |              |             |             |             |             |             |             |             |                    |             |             |             |             |             |             |             |             |             |             |             |             |             |             |             | 0     |
| 1   | FY 07<br>P | FMS    | 67          | 67             |                |              |             |             |             |             |             |             |             |                    |             |             |             |             |             |             |             |             |             |             |             |             |             |             |             | 0     |
| 2   | FY 08      | FMS    | 11          | 11             |                |              |             |             |             |             |             |             |             |                    |             |             |             |             |             |             |             |             |             |             |             |             |             |             |             | 0     |
|   |            | FMS    | 5           | 5              |                |              |             |             |             |             |             |             |             |                    |             |             |             |             |             |             |             |             |             |             |             |             |             |             |             | 0     |
| _   | FY 09      | FMS    | 1500        | 220            | 1280           | 120          | 150         | 230         | 100         | 100         | 100         | 60          | 6           | 60                 | 100         | 100         | 100         |             |             |             |             |             |             |             |             |             |             |             |             | 0     |
| -   | FY 10      | FMS    | 1500        | 0              | 1500           |              |             |             |             |             |             |             |             |                    |             |             |             | 100         | 100         | 555         | 600         | 145         |             |             |             |             |             |             |             | 0     |
|   | FY 07<br>P | MC     | 972         | 972            |                |              |             |             |             |             |             |             |             |                    |             |             |             |             |             |             |             |             |             |             |             |             |             |             |             | 0     |
| <b>-</b>  | FY 09      | MC     | 110         | 110            |                |              |             |             |             |             |             |             |             |                    |             |             |             |             |             |             |             |             |             |             |             |             |             |             |             | 0     |
| _   | FY 10      | MC     | 110         |                | 110            | 20           | 20          | 20          | 20          | 20          | 10          |             |             |                    |             |             |             |             |             |             |             |             |             |             |             |             |             |             |             | 0     |
| 1   | FY 07<br>P | NA     | 1071        | 1071           |                |              |             |             |             |             |             |             |             |                    |             |             |             |             |             |             |             |             |             |             |             |             |             |             |             | 0     |
|   |            |        |             |                |                | O<br>C<br>T  | N<br>O<br>V | D<br>E<br>C | J<br>A<br>N | F<br>E<br>B | M<br>A<br>R | A<br>P<br>R | M<br>A<br>Y | J<br>U<br>N        | J<br>U<br>L | A<br>U<br>G | S<br>E<br>P | O<br>C<br>T | N<br>O<br>V | D<br>E<br>C | J<br>A<br>N | F<br>E<br>B | M<br>A<br>R | A<br>P<br>R | M<br>A<br>Y | J<br>U<br>N | J<br>U<br>L | A<br>U<br>G | S<br>E<br>P |       |
|   |            |        |             |                |                |              |             |             |             |             |             |             |             |                    |             |             |             |             |             |             |             |             |             |             |             |             |             |             |             |       |
| M   |            |        |             |                |                |              | F           | PRODU       | CTION I     | RATES       |             |             |             |                    |             |             | DMIN I      |             |             | 4           | MFR         |             | TOTA        |             | REMA        | RKS         |             |             |             |       |
| F   |            |        |             |                |                |              |             |             |             |             |             | ned M       |             |                    |             | Prio        | or 1 Oct    |             | r 1 Oct     | Aft         | er 1 Oct    |             | After 1     |             | 1           |             |             |             |             |       |
|   |            |        |             |                |                | D+           | -           | -           | tial        |             |             | 3           | +           | 3                  | -           | 11          |             | 14          |             | -           |             |             |             |             |             |             |             |             |             |       |
| 1         Gen Dyn-Armament & Tech Prod, Burlington, VT         300         4800           2         TBS, TBS         300         4800 |            |        |             |                |                | 7200<br>7800 | +           |             |             | order       |             |             | 3           |                    | 1           |             | 13          |             | 14          |             | -           |             |             |             |             |             |             |             |             |       |
| 2 TBS, TBS 3 Small Business, TBS, TBS   |            |        |             |                |                |              |             | 300         | 600         | 1500        |             | =           |             | order              |             |             | 3           |             | 17<br>3     |             | 16<br>25    |             | 33<br>28    |             | 1           |             |             |             |             |       |

3

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16

18

36

21

3 Initial

Reorder

Initial
Reorder
Initial
Reorder

|        |        | F       | FY 12       | / 13 BU        | JDGE           | ΓPRO        | ODUC        | CTIO        | N SCI       | HEDU        | LE          |             |             | P-1 ITEN<br>MACHIN |             |             |             | FLEX (0     | G10900)     |             |             |             | Dat         | te:         | May 20      | 009         |             |             |             |       |
|--------|--------|---------|-------------|----------------|----------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|--------------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------|
|        | C      | OST     | ELEN        | IENTS          | }              |             |             |             |             |             | Fiscal '    | Year 12     | ;           |                    |             |             |             |             |             |             |             |             | Fiscal Y    | ear 13      | 3           |             |             |             |             |       |
| М      |        | S<br>E  | PROC<br>QTY | ACCEP<br>PRIOR | BAL<br>DUE     |             |             |             |             |             |             |             |             | Calenda            | r Year 1    | 12          |             |             |             |             |             |             |             | Caler       | ndar Yea    | ar 13       |             |             |             |       |
| F<br>R | FY     | R<br>V  | Units       |                | AS OF<br>1 OCT | O<br>C<br>T | N<br>O<br>V | D<br>E<br>C | J<br>A<br>N | F<br>E<br>B | M<br>A<br>R | A<br>P<br>R | M<br>A<br>Y | J<br>U<br>N        | J<br>U<br>L | A<br>U<br>G | S<br>E<br>P | O<br>C<br>T | N<br>O<br>V | D<br>E<br>C | J<br>A<br>N | F<br>E<br>B | M<br>A<br>R | A<br>P<br>R | M<br>A<br>Y | J<br>U<br>N | J<br>U<br>L | A<br>U<br>G | S<br>E<br>P | Later |
| 2      | FY 08  | NA      | 624         | 624            |                |             |             |             |             |             |             |             |             |                    |             |             |             |             |             |             |             |             |             |             |             |             |             |             |             | 0     |
| 3      | FY 08  | NA      | 156         | 156            |                |             |             |             |             |             |             |             |             |                    |             |             |             |             |             |             |             |             |             |             |             |             |             |             |             | 0     |
|        | FY 09  | NA      | 246         | 225            | 21             | 10          | 10          | 1           |             |             |             |             |             |                    |             |             |             |             |             |             |             |             |             |             |             |             |             |             |             | 0     |
| 2      | FY 10  | NA      | 232         | 0              | 232            | 12          | 20          | 20          | 20          | 20          | 20          | 40          | 40          | 40                 |             |             |             |             |             |             |             |             |             |             |             |             |             |             |             | 0     |
|        |        |         |             |                |                |             |             |             |             |             |             |             |             |                    |             |             |             |             |             |             |             |             |             |             |             |             |             |             |             |       |
|        |        |         |             |                |                |             |             |             |             |             |             |             |             |                    |             |             |             |             |             |             |             |             |             |             |             |             |             |             |             |       |
|        |        |         |             |                |                |             |             |             |             |             |             |             |             |                    |             |             |             |             |             |             |             |             |             |             |             |             |             |             |             |       |
|        |        |         |             |                |                |             |             |             |             |             |             |             |             |                    |             |             |             |             |             |             |             |             |             |             |             |             |             |             |             |       |
|        |        |         |             |                |                |             |             |             |             |             |             |             |             |                    |             |             |             |             |             |             |             |             |             |             |             |             |             |             |             |       |
|        |        |         |             |                |                |             |             |             |             |             |             |             |             |                    |             |             |             |             |             |             |             |             |             |             |             |             |             |             |             |       |
|        |        |         |             |                |                |             |             |             |             |             |             |             |             |                    |             |             |             |             |             |             |             |             |             |             |             |             |             |             |             |       |
|        |        |         |             |                |                |             |             |             |             |             |             |             |             |                    |             |             |             |             |             |             |             |             |             |             |             |             |             |             |             |       |
|        |        |         |             |                |                |             |             |             |             |             |             |             |             |                    |             |             |             |             |             |             |             |             |             |             |             |             |             |             |             |       |
|        |        |         |             |                |                |             |             |             |             |             |             |             |             |                    |             |             |             |             |             |             |             |             |             |             |             |             |             |             |             |       |
|        |        |         |             |                |                |             |             |             |             |             |             |             |             |                    |             |             |             |             |             |             |             |             |             |             |             |             |             |             |             |       |
| Tot    | al     |         |             |                | 9107           | 562         | 600         | 600         | 570         | 570         | 570         | 530         | 530         | 530                | 530         | 530         | 540         | 550         | 550         | 600         | 600         | 145         |             |             |             |             |             |             |             |       |
|        |        |         |             |                |                | O<br>C<br>T | N<br>O<br>V | D<br>E<br>C | J<br>A<br>N | F<br>E<br>B | M<br>A<br>R | A<br>P<br>R | M<br>A<br>Y | J<br>U<br>N        | J<br>U<br>L | A<br>U<br>G | S<br>E<br>P | O<br>C<br>T | N<br>O<br>V | D<br>E<br>C | J<br>A<br>N | F<br>E<br>B | M<br>A<br>R | A<br>P<br>R | M<br>A<br>Y | J<br>U<br>N | J<br>U<br>L | A<br>U<br>G | S<br>E<br>P |       |
|        |        |         |             |                |                |             |             |             |             |             |             |             |             |                    |             |             |             |             |             |             |             |             |             |             |             |             |             |             |             |       |
| M      |        |         |             |                |                |             | ]           | PRODU       | CTION I     | RATES       |             |             |             |                    |             | Α           | DMIN I      | LEAD T      | TIME        | ]           | MFR         |             | TOTA        | AL          | REMA        | RKS         |             |             |             |       |
| F      |        |         |             |                |                |             |             |             |             |             | Reac        | hed M       | FR          |                    |             | Pric        | or 1 Oct    | Afte        | er 1 Oct    | Aft         | er 1 Oct    |             | After 1     | Oct         |             |             |             |             |             |       |
| R      |        |         | Nan         | ne - Locati    | on             |             | N           | ΛIN         | 1-8-5       | MAX         | D-          | +           | 1 Ini       | ial                |             |             | 3           |             | 3           |             | 11          |             | 14          |             |             |             |             |             |             |       |
| 1      | Gen D  | yn-Arm  | ament &     | Tech Prod      | l, Burling     | ton, VT     |             | 300         | 4800        | 7200        |             |             | Re          | order              |             |             | 3           |             | 1           |             | 13          |             | 14          |             |             |             |             |             |             |       |
| 2      | TBS, T | TBS     |             |                |                |             |             | 300         | 4800        | 7800        |             |             | 2 Ini       | ial                |             |             | 3           |             | 17          |             | 16          |             | 33          |             |             |             |             |             |             |       |
| 3      | Small  | Busines | s, TBS, T   | BS             |                |             |             | 300         | 600         | 1500        |             |             | Re          | order              |             |             | 3           |             | 3           |             | 25          |             | 28          |             |             |             |             |             |             |       |
|        |        |         |             |                |                |             |             |             |             |             |             |             | 3 Ini       | ial                |             |             | 3           |             | 20          |             | 16          |             | 36          |             |             |             |             |             |             |       |
|        |        |         |             |                |                |             |             |             |             |             |             |             | Re          | order              |             |             | 3           |             | 3           |             | 18          |             | 21          |             |             |             |             |             |             |       |
|        |        |         |             |                |                |             |             |             |             |             |             |             | Ini         | ial                |             |             |             |             |             |             |             |             |             |             | 1           |             |             |             |             |       |
|        |        |         |             |                |                |             |             |             |             |             |             |             | Re          | order              |             |             |             |             |             |             |             |             |             |             | 1           |             |             |             |             |       |
|        |        |         |             |                |                |             |             |             |             |             |             |             | Ini         | ial                |             |             |             |             |             |             |             |             |             |             | 1           |             |             |             |             |       |
|        |        |         |             |                |                |             |             |             |             |             |             |             | Da          | and an             |             | 1           |             | 1           |             | <b>†</b>    |             |             |             |             | 1           |             |             |             |             |       |

| Exhibit P-40, Budget Item J  | ustification Sl | neet     |              |                              |                                      | Date:       | y 2009     |
|--|-----------------|----------|--------------|------------------------------|--------------------------------------|-------------|------------|
| Appropriation / Budget Activity / Serial<br>Procurement of W&TCV, Army / 2 / W |                 | vehicles |              | P-1 Item Nomencla<br>LIGHTWE | ature<br>IGHT .50 CALIBER MACHINE GU | JN (G12800) |            |
| Program Elements for Code B Items: 0604601A-033                                |                 | Code:    | Other Relate | ed Program Elements:         |                                      |             |            |
|  | Prior Years     | ]        | FY 2008      | FY 2009                      | FY 2010                              | To Complete | Total Prog |
| Proc Qty   |                 |          |              |                              |                                      |             |            |
| Gross Cost   |                 |          |              |                              | 1.0                                  |             | 1.0        |
| Less PY Adv Proc   |                 |          |              |                              |                                      |             |            |
| Plus CY Adv Proc   |                 |          |              |                              |                                      |             |            |
| Net Proc P1  |                 |          |              |                              | 1.0                                  |             | 1.0        |
| Initial Spares   |                 |          |              |                              |                                      |             |            |
| Total Proc Cost  |                 |          |              |                              | 1.0                                  |             | 1.0        |
| Flyaway U/C  |                 |          |              |                              |                                      |             |            |
| Weapon System Proc U/C   |                 |          |              |                              |                                      |             |            |

The Lightweight .50 Caliber (Cal) Machine Gun (MG) will meet the US Army requirement for a Lightweight Enhanced .50 Caliber MG. This weapon will enable the Soldier to effectively suppress and incapacitate exposed personnel targets out to 2,000 meters and provide the capability to defeat lightly armored vehicles out to 1,500 meters. Successful development of the new Lightweight .50 Cal MG will increase the warfighter's lethality while significantly reducing tactical load and supportability costs. By replacing the 75-year-old M2 Machine Gun, the Army achieves significant reductions in weight and recoil force. The new Lightweight .50 Cal MG is 50% of the weight of the M2 with a recoil reduction of 60%. Safety will be improved by eliminating manual adjustment of headspace and timing.

#### Justification:

FY10 Base procurement dollars in the amount of \$.977 million supports the Active Army and will procure materials for barrels and receiver housings in support of Lightweight .50 Caliber Machine Gun system.

| Exhibit P-5, Weapon WTCV Cost Analysis | Appropriation/Budget Activity/Serial No:<br>Procurement of W&TCV, Army / 2 / Wea<br>combat vehicles | pons and |            | Line Item No<br>HTWEIGHT |           | IACHINE GUN ( | G12800) | Weapon Syste | m Type:    | Date: | May 2009  |
|--|---|----------|------------|--------------------------|-----------|---------------|---------|--------------|------------|-------|-----------|
| WTCV                                   |   | ID       |            | FY 08                    |           |               | FY 09   |              |            | FY 10 |           |
| Cost Elemen                            | ts  | CD       | Total Cost | Qty                      | Unit Cost | Total Cost    | Qty     | Unit Cost    | Total Cost | Qty   | Unit Cost |
|  |   |          | \$000      | Each                     | \$000     | \$000         | Each    | \$000        | \$000      | Each  | \$000     |
| 1. Materials Barrels/ Receiver Housing |   |          |            |                          |           |               |         |              | 500        | 400   | 1.0       |
| 2. Engineering Support                 |   |          |            |                          |           |               |         |              | 477        | 7     |           |
| 3. Integrated Logistics Support        |   |          |            |                          |           |               |         |              |            |       |           |
| 4. New Equipment Training              |   |          |            |                          |           |               |         |              |            |       |           |
| 5. Total Package Fielding              |   |          |            |                          |           |               |         |              |            |       |           |
| 6. First Destination Transportation    |   |          |            |                          |           |               |         |              |            |       |           |
|  |   |          |            |                          |           |               |         |              |            |       |           |
| Total:                                 |   |          |            |                          |           |               |         |              | 977        | 7     |           |

| Exhibit P-5a, Budget Procurement   | Histor                  | y and Planning               |                                |   |              |                           |             |                    | 0ate:<br>1ay 2009      | )                      |                      |
|--|-------------------------|------------------------------|--------------------------------|---|--------------|---------------------------|-------------|--------------------|------------------------|------------------------|----------------------|
| Appropriation/Budget Activity/Serial No:<br>Procurement of W&TCV, Army/ 2/ Weapons and other comba |                         | Weapon System Type:          |                                | Nomenclature:<br>HT .50 CALIBER MACHINE | GUN (G12800) | )                         |             |                    |                        |                        |                      |
| WBS Cost Elements:   |                         | Contractor and Location      | Contract<br>Method and<br>Type | Location of PCO                         | Award Date   | Date of First<br>Delivery | QTY<br>Each | Unit Cost<br>\$000 | Specs<br>Avail<br>Now? | Date<br>Revsn<br>Avail | RFP<br>Issue<br>Date |
| 1. Materials Barrels/ Receiver Housing FY 2010   | Gen Dyn a<br>Burlington | nd Tech Prod (GDATP)<br>, VT | SS/FFP                         | JM&L,LCMC,Picatinny,                    | Mar 10       | Sep 10                    | 400         | 1.0                | NO                     | Jan 10                 | Jan 10               |

REMARKS: The Prime Manufacturer (GDATP) is purchasing materials to fabricate the Barrels/Receiver in house

| Exhibit P-40, Budget Item   | Justification Sheet |          |           |                                |                                       | Date:       | y 2009     |
|---|---------------------|----------|-----------|--------------------------------|---------------------------------------|-------------|------------|
| Appropriation / Budget Activity / Seria<br>Procurement of W&TCV, Army / 2 / |                     | 6        |           | P-1 Item Nomenclat<br>M249 SAW | ture<br>Machine Gun (5.56mm) (G12900) |             |            |
| Program Elements for Code B Items:  | Code:               | Other Re | lated Pro | ogram Elements:                |                                       |             |            |
|   | Prior Years         | FY 2008  |           | FY 2009                        | FY 2010                               | To Complete | Total Prog |
| Proc Qty  | 101527              | 10       | 870       | 5150                           | 1550                                  |             | 119097     |
| Gross Cost  | 305.1               | 4        | 5.9       | 22.1                           | 7.5                                   |             | 380.6      |
| Less PY Adv Proc  |                     |          |           |                                |                                       |             |            |
| Plus CY Adv Proc  |                     |          |           |                                |                                       |             |            |
| Net Proc P1   | 305.1               | 4        | 5.9       | 22.1                           | 7.5                                   |             | 380.6      |
| Initial Spares  |                     |          |           |                                |                                       |             |            |
| Total Proc Cost   | 305.1               | 4        | 5.9       | 22.1                           | 7.5                                   |             | 380.6      |
| Flyaway U/C   |                     |          |           |                                |                                       |             |            |
| Weapon System Proc U/C  | 0.0                 |          |           |                                |                                       |             | 0.0        |

The M249 Squad Automatic Weapon (M249 SAW) is a lightweight (22 pounds with 200 rounds of ammunition) 5.56MM, one-man operated weapon capable of delivering a sustained volume of automatic, accurate, and lethal fire at ranges of up to 800 meters. The M249 SAW replaces two automatic M16A1 rifles in a rifle squad on a one-on-one basis in all infantry type units and in other units requiring high firepower. The M249 SAW also fills a secondary role as a light machine gun replacing most of the M60 Machine Guns. The Army M249 SAW configuration was changed in October 1989 to include a spare barrel, additional heat shield, and barrel bag. In support of Operation Iraqi Freedom (OIF) and Operation Enduring Freedom (OEF) additional items are being procured under the Rapid Fielding Initiative (RFI) which quickly provides new weapons and equipment to deploying units.

#### Justification:

FY10 Base procurement dollars in the amount of \$7.535 million supports the Active Army, National Guard and the Army Reserve by purchasing 1,550 M249 Squad Automatic Weapon (SAW) machine guns.

|         |            | FY2008   | FY2009  | FY2010  |
|---------|------------|----------|---------|---------|
| Active  | QTY        | 4324     | 2107    | 350     |
|         | Gross Cost | \$18.319 | \$9.069 | \$1.635 |
| NG      | QTY        | 3778     | 1843    | 547     |
|         | Gross Cost | \$15.900 | \$7.900 | \$2.700 |
| Reserve | QTY        | 2768     | 1200    | 653     |
|         | Gross Cost | \$11.700 | \$5.100 | \$3.200 |

| Exhibit P-5, Weapon WTCV Cost Analysis Appropriation Procureme combat vehic | nt of W&TCV, Army / 2 / Weapons as |         |       |       | nenclature:<br>iine Gun (5.56mm | n) (G12900) |       | Weapon Syster | n Type:    | Date:  | May 2009  |
|---|------------------------------------|---------|-------|-------|---------------------------------|-------------|-------|---------------|------------|--------|-----------|
| WTCV  | ID                                 |         | F     | Y 08  |                                 |             | FY 09 |               |            | FY 10  |           |
| <b>Cost Elements</b>  | CD                                 | Total C | Cost  | Qty   | Unit Cost                       | Total Cost  | Qty   | Unit Cost     | Total Cost | Qty    | Unit Cost |
|   |                                    | \$000   | ) [   | Units | \$000                           | \$000       | Units | \$000         | \$000      | Units  | \$000     |
| 1. M249 SAW Weapon  | A                                  | 2       | 10832 | 10870 | 3.8                             | 18354       | 5150  | 3.6           | 5657       | 7 1550 | 3.6       |
| 2. Engineering Support  |                                    |         | 3827  |       |                                 | 2667        |       |               | 1438       | 3      |           |
| 3. Integrated Logistics Support (ILS)                                       |                                    |         | 400   |       |                                 | 250         |       |               | 200        | )      |           |
| 4. Total Package Fielding (TPF)   |                                    |         | 600   |       |                                 | 250         |       |               | 200        | )      |           |
| 5.First Destination Transportation (FDT)                                    |                                    |         | 260   |       |                                 | 150         |       |               | 40         | )      |           |
| 6. First Article Testing (FAT)  |                                    |         |       |       |                                 | 398         |       |               |            |        |           |
|   |                                    |         |       |       |                                 |             |       |               |            |        |           |
| Total:  |                                    | 4       | 15919 |       |                                 | 22069       |       |               | 7535       | 5      |           |

| Exhibit P-5a, Budget Procuremen  | t History and Planning    |                                |   |            |                           |              |                    | ate:<br>1ay 2009       | )                      |                      |
|--|---------------------------|--------------------------------|---|------------|---------------------------|--------------|--------------------|------------------------|------------------------|----------------------|
| Appropriation/Budget Activity/Serial No: Procurement of W&TCV, Army/ 2/ Weapons and other comb | Weapon System Type:       |                                | Nomenclature:<br>Jachine Gun (5.56mm) (G12900 | 0)         |                           |              |                    |                        |                        |                      |
| WBS Cost Elements:   | Contractor and Location   | Contract<br>Method and<br>Type | Location of PCO                               | Award Date | Date of First<br>Delivery | QTY<br>Units | Unit Cost<br>\$000 | Specs<br>Avail<br>Now? | Date<br>Revsn<br>Avail | RFP<br>Issue<br>Date |
| 1. M249 SAW Weapon<br>FY 2008  | FN Mfg Inc<br>Columbia SC | Option                         | JML LCMC,Picatinny,NJ                         | Mar 08     | Dec 08                    | 10870        | 3.8                |                        |                        |                      |
| FY 2009  | TBS<br>TBS                | C/FFP                          | JML LCMC,Picatinny,NJ                         | Apr 09     | Jan 10                    | 5150         | 3.6                | Yes                    |                        |                      |
| FY 2010  | TBS<br>TBS                | Option                         | JML LCMC,Picatinny,NJ                         | Mar 10     | Dec 10                    | 1550         | 3.6                | Yes                    |                        | İ                    |

REMARKS:

|                 |  | F                         | FY 08 /     | ' 09 BU        | DGE            | ΓPRO        | DDUC        | CTIO        | N SCI  | HEDU   | ILE         |             |             | P-1 ITEM<br>M249 SA |             |             |             | m) (G12     | 2900)       |             |             |             | Date        | e:          | May 20      | )09             |             |             |             |       |
|-----------------|--|---------------------------|-------------|----------------|----------------|-------------|-------------|-------------|--|--|-------------|-------------|-------------|---------------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-----------------|-------------|-------------|-------------|-------|
|                 | C  | OST                       | ELEM        | IENTS          |                |             |             |             |  |  | Fiscal Y    | Year 08     | II.         |                     |             |             |             |             |             |             |             |             | Fiscal Y    | ear 09      | )           |                 |             |             |             |       |
| M               |  | S<br>E                    | PROC<br>QTY | ACCEP<br>PRIOR | BAL<br>DUE     |             |             |             |  |  |             |             |             | Calendar            | r Year 0    | 18          |             |             |             |             |             |             |             | Calen       | dar Yea     | ır 09           |             |             |             |       |
| F<br>R          | FY   | R<br>V                    | Each        | TO<br>1 OCT    | AS OF<br>1 OCT | O<br>C<br>T | N<br>O<br>V | D<br>E<br>C | J<br>A<br>N                                  | F<br>E<br>B                                      | M<br>A<br>R | A<br>P<br>R | M<br>A<br>Y | J<br>U<br>N         | J<br>U<br>L | A<br>U<br>G | S<br>E<br>P | O<br>C<br>T | N<br>O<br>V | D<br>E<br>C | J<br>A<br>N | F<br>E<br>B | M<br>A<br>R | A<br>P<br>R | M<br>A<br>Y | J<br>U<br>N     | J<br>U<br>L | A<br>U<br>G | S<br>E<br>P | Later |
| 1. N            | /1249 S                                    | W Wea                     | pon         |                |                |             |             |             |  |  |             |             |             |                     |             |             |             |             |             |             |             |             |             |             |             |                 |             |             |             | l l   |
|                 | FY 07<br>& P                               | A                         | 14240       | 3460           | 10780          | 750         | 750         | 750         | 750  | 750  | 497         | 750         | 750         | 750                 | 864         | 810         | 810         | 810         | 809         | 180         |             |             |             |             |             |                 |             |             |             | 0     |
| 1               | FY 08                                      | A                         | 10870       | 0              | 10870          |             |             |             |  |  | A           |             |             |                     | -           |             |             |             |             | 610         | 600         | 660         | 1000        | 1000        | 1000        | 1000            | 1000        | 1000        | 1000        | 2000  |
| 2               | FY 09                                      | A                         | 5150        | 0              | 5150           |             |             |             |  |  |             |             |             |                     |             |             |             |             |             |             |             |             |             | A           |             |                 |             |             |             | 5150  |
| 2               | FY 10                                      | A                         | 1550        | 0              | 1550           |             |             |             |  |  |             |             |             |                     |             |             |             |             |             |             |             |             |             |             |             |                 |             |             |             | 1550  |
| 1               | FY 08                                      | FMS                       | 1130        | 0              | 1130           |             |             |             |  |  |             |             |             |                     |             |             |             |             |             | 270         | 460         | 400         |             |             |             |                 |             |             |             | 0     |
| 2               | FY 09                                      | FMS                       | 5150        | 406            | 4744           |             |             |             |  |  |             |             |             |                     |             |             |             |             |             |             |             |             |             |             |             |                 |             |             |             | 4744  |
|                 |  |                           |             |                |                |             |             |             |  |  |             |             |             |                     |             |             |             |             |             |             |             |             |             |             |             |                 |             |             |             |       |
|                 |  |                           |             |                |                |             |             |             | <u> </u>                                     |  |             |             |             |                     |             |             |             |             |             |             |             |             |             |             |             |                 |             |             |             |       |
|                 |  |                           |             |                |                |             | <u> </u>    |             | <u> </u>                                     | <b></b>  |             |             |             |                     |             |             |             |             |             |             |             |             |             |             |             | igsquare        |             |             |             |       |
|                 |  |                           |             |                |                |             | <u> </u>    | <u> </u>    | <u>                                     </u> | <b></b>  |             |             |             | <u> </u>            |             |             |             |             |             |             |             |             |             |             |             |                 |             | <u> </u>    |             |       |
|                 |  |                           |             |                |                |             | <b></b>     |             | $\vdash \vdash$                              | <del>                                     </del> |             |             |             |                     |             |             |             |             |             |             |             |             |             |             |             | $\vdash \vdash$ |             | <b> </b>    |             |       |
| Tot             | a1   |                           |             |                | 34224          | 750         | 750         | 750         | 750  | 750  | 497         | 750         | 750         | 750                 | 864         | 810         | 810         | 810         | 809         | 1060        | 1060        | 1060        | 1000        | 1000        | 1000        | 1000            | 1000        | 1000        | 1000        | 13444 |
| 10              | aı   |                           |             |                | 34224          | 730<br>O    | 730<br>N    | D           | J  | 750<br>F   | 497<br>M    | 730<br>A    | /30<br>M    | J                   | J           | A           | S S         | 0           | N           | D           | J           | F           | M           | A           | M           | J               | 1000        | A           | S           | 13444 |
|                 |  |                           |             |                |                | C<br>T      | O<br>V      | E<br>C      | A<br>N                                       | E<br>B   | A<br>R      | P<br>R      | A<br>Y      | U<br>N              | U<br>L      | U<br>G      | E<br>P      | C<br>T      | O<br>V      | E<br>C      | A<br>N      | E<br>B      | A<br>R      | P<br>R      | A<br>Y      | U<br>N          | U<br>L      | U<br>G      | E<br>P      |       |
|                 |  |                           |             |                |                |             |             |             |  |  |             |             |             |                     |             |             |             |             |             | 1           |             |             |             |             |             |                 |             |             |             |       |
| M               |  |                           |             |                |                |             | I           | PRODU       | CTION !                                      | RATES  |             |             |             |                     |             | A           | DMIN I      | LEAD T      | IME         |             | MFR         |             | TOTA        |             | REMA        | RKS             |             |             |             |       |
| F               |  |                           |             |                |                |             |             |             |  |  |             | ned MF      |             |                     |             | Pric        | or 1 Oct    |             | r 1 Oct     | Aft         | er 1 Oct    |             | After 1     |             | _           |                 |             |             |             |       |
| R               | +  |                           |             | e - Locati     | on             |             |             |             | 1-8-5  | MAX  |             |             |             |                     |             | 4           | 3           | +           | 5           |             | 10          |             | 15          |             | _           |                 |             |             |             |       |
| 1               | FN Mfg Inc, Columbia SC 1500 4000 12720 18 |                           |             |                |                |             |             |             |  |  | _           | order       |             |                     | 3           | -           | 4           |             | 10          |             | 14          |             |             |             |             |                 |             |             |             |       |
| 2               | TBS,                                       | S, TBS 1500 2600 10000 18 |             |                |                |             |             |             |  |  | 2           | -           |             |                     |             | 3           | -           | 6           |             | 10          |             | 16          |             |             |             |                 |             |             |             |       |
|                 |  |                           |             |                |                |             | _           |             |  |  |             |             | _           | order               |             |             | 3           |             | 5           |             | 10          |             | 15          |             |             |                 |             |             |             |       |
|                 |  |                           |             |                |                |             | _           |             |  |  |             |             | Init        |                     |             | _           |             |             |             |             |             |             |             |             | _           |                 |             |             |             |       |
|                 |  |                           |             |                |                |             | -           |             |  |  | +           |             | _           | order               |             | +           |             | 1           |             |             |             |             |             |             | -           |                 |             |             |             |       |
|                 | -  |                           |             |                |                |             | +           | -+          |  | <del>                                     </del> | -           | $\dashv$    | Init        | nal<br>order        |             |             |             | +           |             | 1           |             |             |             |             |             |                 |             |             |             |       |
|                 |  |                           |             |                |                |             | +           | -+          |  |  | +           | +           | -           |                     |             | +           |             | +           |             |             |             |             |             |             |             |                 |             |             |             |       |
| Initial Reorder |  |                           |             |                |                |             |             |             |  |  |             |             |             |                     |             |             | -           |             |             |             |             |             |             |             |             |                 |             |             |             |       |

|        |  | I      | FY 10 /     | / 11 BU        | J <b>DGE</b> T | ΓPRO        | ODU         | CTIO        | N SCI       | HEDU        | ILE         |             |             | P-1 ITEM<br>M249 SA |             |             |             | m) (G12     | 2900)       |             |             |             | Dat         | te:         | May 20      | 009         |             |             |             |       |   |
|--------|--|--------|-------------|----------------|----------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|---------------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------|---|
|        | C  | OST    | ELEM        | IENTS          |                |             |             |             |             |             | Fiscal Y    | ear 10      | Ţ           |                     |             |             |             |             |             |             |             |             | Fiscal Y    | ear 1       | ı           |             |             |             |             |       |   |
| M      |  | S<br>E | PROC<br>QTY | ACCEP<br>PRIOR | BAL<br>DUE     |             |             |             |             |             |             |             |             | Calenda             | r Year 1    | 0           |             |             |             |             |             |             |             | Caler       | ndar Yea    | ar 11       |             |             |             |       |   |
| F<br>R | FY   | R<br>V | Each        | TO<br>1 OCT    | AS OF<br>1 OCT | O<br>C<br>T | N<br>O<br>V | D<br>E<br>C | J<br>A<br>N | F<br>E<br>B | M<br>A<br>R | A<br>P<br>R | M<br>A<br>Y | J<br>U<br>N         | J<br>U<br>L | A<br>U<br>G | S<br>E<br>P | O<br>C<br>T | N<br>O<br>V | D<br>E<br>C | J<br>A<br>N | F<br>E<br>B | M<br>A<br>R | A<br>P<br>R | M<br>A<br>Y | J<br>U<br>N | J<br>U<br>L | A<br>U<br>G | S<br>E<br>P | Later |   |
| 1. N   | 1249 S <i>A</i>                            | W Wea  | apon        |                |                |             |             | 1           |             |             |             |             |             |                     |             |             |             |             |             |             |             |             | l           | 1           | ı           | l           | ı           |             |             | 1     |   |
|        | FY 07<br>& P                               | A      | 14240       | 14240          |                |             |             |             |             |             |             |             |             |                     |             |             |             |             |             |             |             |             |             |             |             |             |             |             |             | 0     | Ī |
| 1      | FY 08                                      | A      | 10870       | 8870           | 2000           | 1000        | 1000        |             |             |             |             |             |             |                     |             |             |             |             |             |             |             |             |             |             |             |             |             |             |             | 0     | • |
| 2      | FY 09                                      | A      | 5150        | 0              | 5150           |             |             |             | 425         | 425         | 425         | 425         | 425         | 425                 | 425         | 425         | 425         | 425         | 425         | 475         |             |             |             |             |             |             |             |             |             | 0     |   |
| 2      | FY 10                                      | A      | 1550        | 0              | 1550           |             |             |             |             |             | A           |             |             |                     |             |             |             |             |             | 350         | 750         | 450         |             |             |             |             |             |             |             | 0     | 1 |
| 1      | FY 08                                      | FMS    | 1130        | 1130           |                |             |             |             |             |             |             |             |             |                     |             |             |             |             |             |             |             |             |             |             |             |             |             |             |             | 0     | 1 |
| 2      | FY 09                                      | FMS    | 5150        | 406            | 4744           |             |             | 400         | 400         | 400         | 400         | 400         | 400         | 400                 | 400         | 400         | 400         | 400         | 344         |             |             |             |             |             |             |             |             |             |             | 0     | 1 |
|        |  |        |             |                |                |             |             |             |             |             |             |             |             |                     |             |             |             |             |             |             |             |             |             |             |             |             |             |             |             |       |   |
|        |  |        |             |                |                |             |             |             |             |             |             |             |             |                     |             |             |             |             |             |             |             |             |             |             |             |             |             |             |             |       |   |
|        |  |        |             |                |                |             |             |             |             |             |             |             |             |                     |             |             |             |             |             |             |             |             |             |             |             |             |             |             |             |       | _ |
|        |  |        |             |                |                |             |             |             |             |             |             |             |             |                     |             |             |             |             |             |             |             |             |             |             |             |             |             |             |             |       | - |
|        |  |        |             |                |                |             |             |             |             |             |             |             |             |                     |             |             |             |             |             |             |             |             |             |             |             |             |             |             |             |       | - |
| Tota   | a1   |        |             |                | 13444          | 1000        | 1000        | 400         | 825         | 825         | 825         | 825         | 825         | 825                 | 825         | 825         | 825         | 825         | 769         | 825         | 750         | 450         |             |             |             |             |             |             |             |       | 1 |
| 100    | aı   |        |             |                | 13444          | 0           | N           | D           | J           | F           | M           | A           | M           | J                   | J           | A           | S S         | 0           | N           | D           | J           | F           | M           | A           | M           | J           | J           | A           | S           |       | 1 |
|        |  |        |             |                |                | C<br>T      | O<br>V      | E<br>C      | A<br>N      | E<br>B      | A<br>R      | P<br>R      | A<br>Y      | U<br>N              | U<br>L      | U<br>G      | E<br>P      | C<br>T      | O<br>V      | E<br>C      | A<br>N      | E<br>B      | A<br>R      | P<br>R      | A<br>Y      | U<br>N      | Ŭ<br>L      | U<br>G      | E<br>P      |       |   |
|        | _  |        |             |                |                |             |             |             |             |             |             |             |             |                     |             |             |             |             |             |             |             |             |             |             |             |             |             |             |             |       |   |
| M      |  |        |             |                |                |             |             | PRODU       | CTION       | RATES       |             |             |             |                     |             | Α           | DMIN L      | EAD T       | IME         |             | MFR         |             | TOTA        | AL          | REMA        | RKS         |             |             |             |       |   |
| F      |  |        |             |                |                |             |             |             |             |             | Reach       | ned MI      | R           |                     |             | Prio        | or 1 Oct    | Afte        | r 1 Oct     | Aft         | ter 1 Oct   |             | After 1     | Oct         |             |             |             |             |             |       |   |
| R      |  |        |             | ne - Locati    | on             |             |             |             | 1-8-5       | MAX         |             |             | Ini         | ial                 |             |             | 3           |             | 5           |             | 10          |             | 15          |             |             |             |             |             |             |       |   |
| 1      | FN Mfg Inc, Columbia SC 1500 4000 12720 18 |        |             |                |                |             |             |             |             |             | _           |             | order       |                     |             | 3           |             | 4           |             | 10          |             | 14          |             |             |             |             |             |             |             |       |   |
| 2      | TBS, T                                     | ΓBS    |             |                |                |             |             | 1500        | 2600        | 10000       | 18          | 2           | -           |                     |             |             | 3           | -           | 6           |             | 10          |             | 16          |             |             |             |             |             |             |       |   |
|        |  |        |             |                |                |             |             |             |             |             |             |             |             | order               |             |             | 3           |             | 5           |             | 10          |             | 15          |             |             |             |             |             |             |       |   |
|        |  |        |             |                |                |             |             | -           |             |             |             |             | Ini         |                     |             |             |             |             |             |             |             |             |             |             | _           |             |             |             |             |       |   |
|        |  |        |             |                |                |             |             |             |             |             | +           | _           |             | order               |             |             |             |             |             |             |             |             |             |             | 4           |             |             |             |             |       |   |
|        |  |        |             |                |                |             |             |             |             |             | -           |             | Ini         |                     |             |             |             |             |             |             |             |             |             |             | -           |             |             |             |             |       |   |
|        |  |        |             |                |                |             |             |             |             |             | +           | +           | Ini         | order               |             |             |             |             |             | -           |             | _           |             |             | +           |             |             |             |             |       |   |
|        |  |        |             |                |                |             |             |             | -           | order       |             |             |             |                     |             |             |             |             |             |             | 1           |             |             |             |             |             |             |             |             |       |   |

| Exhibit P-40, Budget Item .   | <b>Justification Sheet</b> | ;     |                 |                                 |  | Date:       | ıy 2009    |
|---|----------------------------|-------|-----------------|---------------------------------|--|-------------|------------|
| Appropriation / Budget Activity / Seria<br>Procurement of W&TCV, Army / 2 / V |                            | les   |                 | P-1 Item Nomencla<br>MK-19 Grer | ture<br>nade Machine Gun (40mm) (G1340 | 0)          |            |
| Program Elements for Code B Items:  | Code                       | : A   | Other Related I | Program Elements:               |  |             |            |
|   | Prior Years                | FY 20 | 008             | FY 2009                         | FY 2010                                | To Complete | Total Prog |
| Proc Qty  | 26929                      |       | 4098            | 785                             | 349                                    |             | 32161      |
| Gross Cost  | 455.2                      | ,     | 64.4            | 17.3                            | 7.7                                    |             | 544.6      |
| Less PY Adv Proc  |                            |       |                 |                                 |  |             |            |
| Plus CY Adv Proc  |                            |       |                 |                                 |  |             |            |
| Net Proc P1   | 455.2                      | ,     | 64.4            | 17.3                            | 7.7                                    |             | 544.6      |
| Initial Spares  |                            |       |                 |                                 |  |             |            |
| Total Proc Cost   | 455.2                      |       | 64.4            | 17.3                            | 7.7                                    |             | 544.6      |
| Flyaway U/C   |                            |       |                 |                                 |  |             |            |
| Weapon System Proc U/C  | 0.0                        |       | 0.0             | 0.0                             | 0.0                                    |             | 0.1        |
|   |                            | •     |                 |                                 |  |             |            |

The MK-19, Mod 3 is a self-powered, air-cooled, 40mm automatic Grenade Machine Gun capable of a cyclic rate of 325-375 rounds per minute. It will engage point targets up to 1,500 meters and provide suppressive fire up to 2,200 meters. The MK-19 is fielded with the MK93 mount. The weapon will be mounted on select Stryker vehicles, High Mobility Multi-Purpose Wheeled Vehicles (HMMWVs), the M113 Armored Personnel Carrier family of vehicles, and the M88A1 Recovery Vehicle. During static defensive operations it will be ground employed utilizing the M3 or XM205 Tripod Mount. Also provides other ancillary equipment such as the M3 Tripod and improved sighting systems.

#### Justification:

FY10 Base procurement dollars in the amount of \$7.700 million supports the Active Army, National Guard and Army Reserve by purchasing 349 MK-19 Grenade Machine Guns to meet urgent requirements for Operation Iraqi Freedom and Operation Enduring Freedom and the Army's Modular Force transformation.

| Active         | QTY<br>Gross Cost | FY2008<br>4098<br>\$58.881 | FY2009<br>293<br>\$6.320 |
|----------------|-------------------|----------------------------|--------------------------|
| National Guard | QTY<br>Gross Cost | \$3.704                    | 370<br>\$8.236           |
| Reserve        | QTY<br>Gross Cost | \$1.828                    | 122<br>\$2.721           |

| Exhibit P-5, Weapon WTCV Cost Analysis | Appropriation/Budget Activity/Serial No:<br>Procurement of W&TCV, Army / 2 / Wea<br>combat vehicles | pons and |            | ine Item Nor<br>9 Grenade N | menclature:<br>Machine Gun (40r | mm) (G13400) |       | Weapon System | n Type:    | Date: | May 2009  |
|--|---|----------|------------|-----------------------------|---------------------------------|--------------|-------|---------------|------------|-------|-----------|
| WTCV                                   |   | ID       |            | FY 08                       |                                 |              | FY 09 |               |            | FY 10 |           |
| Cost Elemen                            | ts  | CD       | Total Cost | Qty                         | Unit Cost                       | Total Cost   | Qty   | Unit Cost     | Total Cost | Qty   | Unit Cost |
|  |   |          | \$000      | Units                       | \$000                           | \$000        | Units | \$000         | \$000      | Units | \$000     |
| 1. MK-19 Hardware                      |   | Α        | 5469       | 4098                        | 13.3                            | 14498        | 785   | 18.5          | 4876       | 349   | 14.0      |
| 2. GFM-Mounts                          |   |          | 784        | )                           |                                 | 2064         |       |               | 1352       | 2     |           |
| 3. Engineering Support                 |   |          | 112        | 9                           |                                 | 565          |       |               | 708        | 3     |           |
| 4. Integrated Logistics Support (ILS)  |   |          | 1          | 3                           |                                 |              |       |               | 180        | )     |           |
| 5. Fielding                            |   |          |            |                             |                                 | 150          |       |               | 50         | )     |           |
| 6. First Destination Transportation    |   |          | 14         | 1                           |                                 |              |       |               | 143        | 3     |           |
| 7. Arms Rack                           |   |          | 27         | 5                           |                                 |              |       |               | 391        | 1     |           |
| 8. New Equipment Training (NET)        |   |          | 31         | 1                           |                                 |              |       |               |            |       |           |
| Total:                                 |   |          | 6441       | 3                           |                                 | 17277        |       |               | 7700       |       |           |

| Exhibit P-5a, Budget Procu  | rement History and Planni                | ng                                |  |            |                           |             |                    | ate:<br>1ay 2009       | )                      |                      |
|---|--|-----------------------------------|--|------------|---------------------------|-------------|--------------------|------------------------|------------------------|----------------------|
| Appropriation/Budget Activity/Serial No:<br>Procurement of W&TCV, Army/ 2/ Weapons and of | Weapon System Type other combat vehicles |                                   | Nomenclature:<br>de Machine Gun (40mm) (G13- | 400)       |                           |             |                    |                        |                        |                      |
| WBS Cost Elements:  | Contractor and Locati                    | on Contract<br>Method and<br>Type | Location of PCO                              | Award Date | Date of First<br>Delivery | QTY<br>Each | Unit Cost<br>\$000 | Specs<br>Avail<br>Now? | Date<br>Revsn<br>Avail | RFF<br>Issue<br>Date |
| 1. MK-19 Hardware   |  |                                   |  |            |                           |             |                    |                        |                        |                      |
| FY 2008   | Gen Dyn Arm Tech Prod<br>Saco, Maine     | C/IDIQ                            | JML LCMC,Picatinny,NJ                        | Sep 08     | Apr 10                    | 2615        | 13.3               |                        |                        |                      |
| FY 2008   | Alliant Tech Systems<br>Mesa, AZ         | C/IDIQ                            | JML LCMC,Picatinny,NJ                        | Sep 08     | Apr 10                    | 1483        | 13.3               |                        |                        |                      |
| FY 2009   | Gen Dyn Arm Tech Prod<br>Saco, Maine     | C/IDIQ                            | JML LCMC,Picatinny,NJ                        | Mar 09     | Apr 11                    | 785         | 18.5               | YES                    |                        |                      |
| FY 2010   | TBS<br>TBS                               | C/IDIQ                            | JML LCMC,Picatinny,NJ                        | Mar 10     | Apr 12                    | 349         | 14.0               | YES                    |                        |                      |

REMARKS: FY09-FY10 quantities to be awarded will be competed on a yearly basis between GD and ATK.

|        |                | F      | FY 08 /     | 09 BU          | DGE            | Γ PR(       | ODUC        | CTIO        | N SCI        | HEDU         | LE          |             |             | P-1 ITEM<br>MK-19 G |             |             |             | )mm) (G     | 313400)     |             |             |             | Dat         | te:         | May 20      | 009         |             |             |             |       |
|--------|----------------|--------|-------------|----------------|----------------|-------------|-------------|-------------|--------------|--------------|-------------|-------------|-------------|---------------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------|
|        | C              | OST    | ELEM        | IENTS          |                |             |             |             |              |              | Fiscal Y    | ear 08      |             |                     |             |             |             |             |             |             |             |             | Fiscal Y    | ear 09      | )           |             |             |             |             |       |
| M      |                | S<br>E | PROC<br>QTY | ACCEP<br>PRIOR | BAL<br>DUE     |             |             |             |              |              |             |             |             | Calenda             | r Year 0    | 18          |             |             |             |             |             |             |             | Calen       | ıdar Yea    | ar 09       |             |             |             |       |
| F<br>R | FY             | R<br>V | Units       | TO<br>1 OCT    | AS OF<br>1 OCT | O<br>C<br>T | N<br>O<br>V | D<br>E<br>C | J<br>A<br>N  | F<br>E<br>B  | M<br>A<br>R | A<br>P<br>R | M<br>A<br>Y | J<br>U<br>N         | J<br>U<br>L | A<br>U<br>G | S<br>E<br>P | O<br>C<br>T | N<br>O<br>V | D<br>E<br>C | J<br>A<br>N | F<br>E<br>B | M<br>A<br>R | A<br>P<br>R | M<br>A<br>Y | J<br>U<br>N | J<br>U<br>L | A<br>U<br>G | S<br>E<br>P | Later |
| 1      | MK 10          | Hardwa | ro.         |                |                | 1           | V           | C           | N            | В            | K           | K           | Y           | N                   | L           | G           | P           | 1           | V           | C           | N           | В           | K           | K           | ĭ           | N           | L           | G           | P           |       |
| _      | FY 07          | A      | 4107        | 243            | 3864           | 110         | 110         | 110         | 110          | 110          | 110         | 110         | 110         | 120                 | 120         | 120         | 50          | 50          | 50          | 50          | 50          | 50          | 51          | 50          | 150         | 207         | 207         | 207         | 207         | 1245  |
|        | P              |        |             |                |                | 110         | 110         | 110         | 110          | - 110        | 110         | 110         |             | 120                 | 120         |             |             |             |             |             | 50          |             |             |             | 150         |             |             | 207         | 207         |       |
|        | FY 08          | A      | 2615        | 0              |                |             |             |             |              |              |             |             |             |                     |             |             | A           |             |             |             |             |             |             |             |             |             | <b></b>     |             |             | 2615  |
|        | FY 08          | A      | 1483        | 0              |                |             |             |             |              |              |             |             |             |                     |             |             | A           |             |             |             |             |             |             |             |             |             | <b></b>     |             |             | 1483  |
|        | FY 09          | A      | 785         | 0              | 785            |             |             |             |              |              |             |             |             |                     |             |             |             |             |             |             |             |             | A           |             |             |             |             |             |             | 785   |
|        | FY 10          | A      | 349         | 0              | 349            |             |             |             |              |              |             |             |             |                     |             |             |             |             |             |             |             |             |             |             |             |             |             |             |             | 349   |
| -      | FY 08          | FMS    | 585         | 0              |                |             |             |             |              |              |             |             |             |                     |             |             |             |             |             |             |             |             |             |             |             |             |             |             |             | 585   |
|        | FY 08          | MC     | 372         | 0              |                |             |             |             |              |              |             |             |             |                     |             |             |             |             |             |             |             |             |             |             |             | $\vdash$    |             |             |             | 372   |
|        | FY 08<br>FY 08 | NA     | 527         | 0              |                |             |             |             |              |              |             |             |             |                     |             |             |             |             |             |             |             |             |             |             |             |             |             |             |             | 527   |
| 2      | FY 08          | NG     | 111         | 0              | 111            |             |             |             |              |              |             |             |             |                     |             |             |             |             |             |             |             |             |             |             |             |             |             |             |             | 111   |
|        |                |        |             |                |                |             |             |             |              |              |             |             |             |                     |             |             |             |             |             |             |             |             |             |             |             | $\vdash$    |             | -           |             |       |
|        |                |        |             |                |                |             |             |             |              |              |             |             |             |                     |             |             |             |             |             |             |             |             |             |             |             | $\vdash$    |             |             |             |       |
| Tota   | al             | l .    |             |                | 10691          | 110         | 110         | 110         | 110          | 110          | 110         | 110         | 110         | 120                 | 120         | 120         | 50          | 50          | 50          | 50          | 50          | 50          | 51          | 50          | 150         | 207         | 207         | 207         | 207         | 8072  |
|        |                |        |             |                |                | 0           | N           | D           | J            | F            | M           | A           | M           | J                   | J           | A           | S           | 0           | N           | D           | J           | F           | M           | A           | M           | J           | J           | A           | S           |       |
|        |                |        |             |                |                | C<br>T      | O<br>V      | E<br>C      | A<br>N       | E<br>B       | A<br>R      | P<br>R      | A<br>Y      | U<br>N              | U<br>L      | U<br>G      | E<br>P      | C<br>T      | O<br>V      | E<br>C      | A<br>N      | E<br>B      | A<br>R      | P<br>R      | A<br>Y      | U<br>N      | U<br>L      | U<br>G      | E<br>P      |       |
|        |                |        |             |                |                |             |             |             |              |              | <u> </u>    |             |             |                     |             |             |             |             |             | T           |             |             |             |             |             |             |             |             |             |       |
| M      |                |        |             |                |                |             | -           | PRODU       | CTION I      | RATES        | ١           |             |             |                     |             |             | DMIN I      |             |             |             | MFR         |             | TOTA        |             | REMA        | RKS         |             |             |             |       |
| F      |                |        | N           | <b>.</b>       |                |             |             | m           | 1.0.5        | MAN          |             | ned MF      | _           |                     |             | Pric        | or 1 Oct    | +           | r 1 Oct     | Aft         | er 1 Oct    |             | After 1     |             |             |             |             |             |             |       |
| R      | C D            |        |             | e - Locati     |                |             |             |             | 1-8-5        | MAX          | D+          |             | _           |                     |             | -           | 4           | +           | 5           |             | 26          |             | 31          |             | _           |             |             |             |             |       |
| 1      | 5              |        |             |                |                |             |             |             |              |              |             | _           | order       |                     |             | 4           | +           | 5           |             | 26          |             | 31          |             |             |             |             |             |             |             |       |
|        | TBS,           |        | ystems, N   | desa, AZ       |                |             |             | 600         | 2880<br>2880 | 3960<br>3960 | 18          |             |             |                     |             |             | 4           |             | 5           |             | 26          |             | 31          |             | 1           |             |             |             |             |       |
| 3      | 103,           | 103    |             |                |                |             |             | 000         | 2000         | 3900         | 10          | 3           | _           | order<br>tial       |             |             | 4           |             | 5           |             | 26<br>26    |             | 31          |             | _           |             |             |             |             |       |
|        |                |        |             |                |                |             |             |             |              |              |             |             |             | order               |             |             | 4           |             | 5           |             | 26          |             | 31          |             | 1           |             |             |             |             |       |
|        |                |        |             |                |                |             |             |             |              |              |             |             | Ini         |                     |             |             |             |             |             |             |             |             |             |             |             |             |             |             |             |       |
|        |                |        |             |                |                |             |             |             |              |              |             |             |             | order               |             |             |             |             |             |             |             |             |             |             |             |             |             |             |             |       |
|        |                |        |             |                |                |             |             |             |              |              |             |             | Ini         | tial                |             |             |             |             |             |             |             |             |             |             | 1           |             |             |             |             |       |
|        |                |        |             |                |                |             |             |             |              | order        |             |             |             |                     |             |             |             |             |             |             | 1           |             |             |             |             |             |             |             |             |       |

|        |            | I        | FY 10 /     | 11 BU          | J <b>DGE</b>   | ΓPRO        | DUC  | CTIO        | N SCI         | HEDU        | LE          |             |             | P-1 ITEM<br>MK-19 Gr                             |                   |             |             | )mm) (C     | 313400)     |             |             |             | Date        | e:          | May 20      | )09         |             |                   |             |       |
|--------|------------|----------|-------------|----------------|----------------|-------------|--|-------------|---------------|-------------|-------------|-------------|-------------|--|-------------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------------|-------------|-------|
|        | C          | OST      | ELEM        | IENTS          | ,              |             |  |             |               |             | Fiscal '    | Year 10     | ı.          |  |                   |             |             |             |             |             |             | ]           | Fiscal Y    | ear 11      |             |             |             |                   |             |       |
| M      |            | S<br>E   | PROC<br>QTY | ACCEP<br>PRIOR | BAL<br>DUE     |             |  |             |               |             |             |             |             | Calendar   | Year 1            | 0           |             |             |             |             |             |             |             | Calen       | dar Yea     | r 11        |             |                   |             |       |
| F<br>R | FY         | R<br>V   | Units       | TO<br>1 OCT    | AS OF<br>1 OCT | O<br>C<br>T | N<br>O<br>V                                      | D<br>E<br>C | J<br>A<br>N   | F<br>E<br>B | M<br>A<br>R | A<br>P<br>R | M<br>A<br>Y | J<br>U<br>N                                      | J<br>U<br>L       | A<br>U<br>G | S<br>E<br>P | O<br>C<br>T | N<br>O<br>V | D<br>E<br>C | J<br>A<br>N | F<br>E<br>B | M<br>A<br>R | A<br>P<br>R | M<br>A<br>Y | J<br>U<br>N | J<br>U<br>L | A<br>U<br>G       | S<br>E<br>P | Later |
| 1      | MK-19      | Hardwa   | ire         |                |                | 1           |  |             | 11            | ь           | K           | K           | -           |  | L                 | G           | •           |             | •           |             | 11          | ь           | K           | K           | 1           | -11         | L           |                   |             |       |
| 1      | FY 07<br>P | A        | 4107        | 2862           | 1245           | 207         | 207  | 207         | 207           | 207         | 210         |             |             |  |                   |             |             |             |             |             |             |             |             |             |             |             |             |                   |             | 0     |
|        | FY 08      | A        | 2615        | 0              | 2615           |             |  |             |               |             |             | 218         | 218         | 218  | 218               | 218         | 218         | 218         | 218         | 218         | 218         | 218         | 217         |             |             |             |             |                   |             | 0     |
|        | FY 08      | A        | 1483        | 0              |                |             |  |             |               |             |             | 60          | 60          | <del>                                     </del> | 140               | 140         | 140         | 140         | 140         | 140         | 140         | 140         | 143         |             |             |             | -           |                   |             | 0     |
|        | FY 09      | A        | 785         | 0              | 785            |             |  |             |               |             |             |             |             |  |                   |             |             |             |             |             |             |             |             | 30          | 30          | 30          | 30          | 30                | 30          | 605   |
| 3      | FY 10      | A        | 349         | 0              | 349            |             |  |             |               |             | A           |             |             |  |                   |             |             |             |             |             |             |             |             |             |             |             |             |                   |             | 349   |
| 2      | FY 08      | FMS      | 585         | 0              | 585            |             |  |             |               |             |             |             |             |  |                   |             |             |             | 25          | 25          | 27          | 25          | 25          | 50          | 55          | 50          | 52          | 75                | 75          | 101   |
|        | FY 08      | MC       | 372         | 0              | 372            |             |  |             |               |             |             |             |             |  |                   |             |             |             |             |             |             |             |             |             |             |             |             |                   |             | 372   |
|        | FY 08      | NA       | 527         | 0              | 527            |             |  |             |               |             |             |             |             |  |                   |             |             |             |             |             | 43          | 37          | 38          | 25          | 25          | 45          | 50          | 25                | 55          | 184   |
| 2      | FY 08      | NG       | 111         | 0              | 111            |             | ļ!   |             |               |             |             |             |             | <del>                                     </del> |                   |             |             |             |             |             | 36          | 38          | 37          |             |             |             |             |                   |             | 0     |
|        |            |          |             |                |                |             | <del>                                     </del> |             |               |             |             |             |             | <del>                                     </del> | $\longrightarrow$ |             |             |             |             |             |             |             |             |             |             |             |             | $\longrightarrow$ |             |       |
|        |            |          |             |                |                |             | <del></del>                                      |             |               |             |             |             |             | <del>                                     </del> |                   |             |             |             |             |             |             |             |             |             |             |             |             |                   |             |       |
| Tot    | al         |          |             |                | 8072           | 207         | 207  | 207         | 207           | 207         | 210         | 278         | 278         | 318  | 358               | 358         | 358         | 358         | 383         | 383         | 464         | 458         | 460         | 105         | 110         | 125         | 132         | 130               | 160         | 1611  |
| 100    | -          |          |             |                | 0072           | 0           | N  | D           | J             | F           | M           | A           | M           | J  | J                 | A           | S           | 0           | N           | D           | J           | F           | M           | A           | M           | J           | J           | A                 | S           | 1011  |
|        |            |          |             |                |                | C<br>T      | O<br>V   | E<br>C      | A<br>N        | E<br>B      | A<br>R      | P<br>R      | A<br>Y      | U<br>N   | U<br>L            | U<br>G      | E<br>P      | C<br>T      | O<br>V      | E<br>C      | A<br>N      | E<br>B      | A<br>R      | P<br>R      | A<br>Y      | U<br>N      | U<br>L      | U<br>G            | E<br>P      |       |
|        |            |          |             |                |                |             |  |             |               |             |             |             |             |  |                   | _           |             |             |             |             |             |             |             |             |             |             |             |                   |             |       |
| M      |            |          |             |                |                |             | I  | PRODU       | CTION I       | RATES       |             |             |             |  |                   |             | DMIN I      | _           |             |             | MFR         |             | TOTA        |             | REMA        | RKS         |             |                   |             |       |
| F      |            |          | .,          |                |                |             |  | m           |               | 3 7 1 37    |             | hed MI      | _           |  |                   | Pric        | or 1 Oct    |             | r 1 Oct     | Aft         | er 1 Oct    |             | After 1     | Oct         |             |             |             |                   |             |       |
| R      | C D        | <b>A</b> |             | e - Locati     |                |             |  |             | 1-8-5<br>2400 | MAX<br>3600 | D-          |             |             |  |                   |             | 4           | -           | 5           |             | 26          |             | 31          |             |             |             |             |                   |             |       |
| 1      |            |          | ystems, N   | d, Saco, N     | viaine         |             |  | 600         | 2880          | 3960        | 18          |             | _           | order  |                   |             | 4           | _           | 5           |             | 26          |             | 31          |             |             |             |             |                   |             |       |
| _      | TBS,       |          | ystems, n   | viesa, AZ      |                |             |  | 600         | 2880          | 3960        | 18          |             |             | order  |                   |             | 4           |             | 5           |             | 26          |             | 31          |             |             |             |             |                   |             |       |
| 3      | TDS,       | IDS      |             |                |                |             | +  | 500         | 2000          | 3700        | 10          | 3           | _           |  |                   |             | 4           |             | 5           |             | 26          |             | 31          |             |             |             |             |                   |             |       |
|        |            |          |             |                |                |             |  |             |               |             |             |             | Red         | order  |                   |             | 4           |             | 5           |             | 26          |             | 31          |             |             |             |             |                   |             |       |
|        |            |          |             |                |                |             |  |             |               |             |             |             | Init        | ial  |                   |             |             |             |             |             |             |             |             |             | 1           |             |             |                   |             |       |
|        |            |          |             |                |                |             |  |             |               |             |             |             | Red         | order  |                   |             |             |             |             |             |             |             |             |             |             |             |             |                   |             |       |
|        |            |          | -           |                | -              |             |  |             | -             |             |             |             | Init        | ial  |                   |             |             |             |             |             |             |             |             |             |             |             |             |                   |             |       |
|        |            |          |             |                |                |             |  |             |               |             | Rec         | order       |             |  |                   |             |             |             |             |             |             |             |             |             |             |             |             |                   |             |       |

|         |            | I      | FY 12       | 13 BU          | DGE            | Γ PR(       | )DU(        | CTIO        | N SCI        | HEDU         | LE          |             |             | P-1 ITEM<br>MK-19 C |             |             |             | )mm) (G     | 313400)     |             |             |             | Dat         | e:          | May 20      | 009         |             |                        |             |          |   |
|---------|------------|--------|-------------|----------------|----------------|-------------|-------------|-------------|--------------|--------------|-------------|-------------|-------------|---------------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|------------------------|-------------|----------|---|
|         | C          | OST    | ELEM        | IENTS          |                |             |             |             |              |              | Fiscal Y    | ear 12      |             |                     |             |             |             |             |             |             |             |             | Fiscal Y    | ear 13      | 1           |             |             |                        |             |          |   |
| M       |            | S<br>E | PROC<br>QTY | ACCEP<br>PRIOR | BAL<br>DUE     |             |             |             |              |              |             |             |             | Calenda             | r Year 1    | 2           |             |             |             |             |             |             |             | Calen       | dar Yea     | ar 13       |             |                        |             |          |   |
| F<br>R  | FY         | R<br>V | Units       | TO<br>1 OCT    | AS OF<br>1 OCT | O<br>C<br>T | N<br>O<br>V | D<br>E<br>C | J<br>A<br>N  | F<br>E<br>B  | M<br>A<br>R | A<br>P<br>R | M<br>A<br>Y | J<br>U<br>N         | J<br>U<br>L | A<br>U<br>G | S<br>E<br>P | O<br>C<br>T | N<br>O<br>V | D<br>E<br>C | J<br>A<br>N | F<br>E<br>B | M<br>A<br>R | A<br>P<br>R | M<br>A<br>Y | J<br>U<br>N | J<br>U<br>L | A<br>U<br>G            | S<br>E<br>P | Later    |   |
| 1.      | MK-19      | Hardwa | are         |                | <u> </u>       | -           |             |             | .,           |              |             | ••          |             | -,                  | -           |             |             | •           | <u>'</u>    |             | - 1         |             |             |             |             |             |             |                        |             | <u> </u> | _ |
| 1       | FY 07<br>P | A      | 4107        | 4107           |                |             |             |             |              |              |             |             |             |                     |             |             |             |             |             |             |             |             |             |             |             |             |             |                        |             | 0        | Ī |
|         | FY 08      | A      | 2615        | 2615           |                |             |             |             |              |              |             |             |             |                     |             |             |             |             |             |             |             |             |             |             |             |             |             |                        |             | 0        | , |
| 2       | FY 08      | A      | 1483        | 1483           |                |             |             |             |              |              |             |             |             |                     |             |             |             |             |             |             |             |             |             |             |             |             |             |                        |             | 0        | , |
|         | FY 09      | A      | 785         | 180            | 605            | 80          | 56          | 100         | 180          | 100          | 89          |             |             |                     |             |             |             |             |             |             |             |             |             |             |             |             |             |                        |             | 0        | , |
| 3       | FY 10      | A      | 349         | 0              | 349            |             |             |             |              |              |             | 123         | 8           | 0 100               | 46          |             |             |             |             |             |             |             |             |             |             |             |             |                        |             | 0        | , |
| 2       | FY 08      | FMS    | 585         | 484            | 101            | 101         |             |             |              |              |             |             |             |                     |             |             |             |             |             |             |             |             |             |             |             |             |             |                        |             | 0        | , |
| 2       | FY 08      | MC     | 372         | 0              | 372            |             |             | 28          | 100          | 100          | 144         |             |             |                     |             |             |             |             |             |             |             |             |             |             |             |             |             |                        |             | 0        | j |
|         | FY 08      | NA     | 527         | 343            | 184            | 30          | 80          | 74          |              |              |             |             |             |                     |             |             |             |             |             |             |             |             |             |             |             |             |             |                        |             | 0        | 1 |
| 2       | FY 08      | NG     | 111         | 111            |                |             |             |             |              |              |             |             |             |                     |             |             |             |             |             |             |             |             |             |             |             |             |             |                        | L           | 0        |   |
|         |            |        |             |                |                |             |             |             |              |              |             |             |             |                     |             |             |             |             |             |             |             |             |             |             |             |             | <u> </u>    | <u> </u>               | L           |          | 1 |
|         |            |        |             |                |                |             |             |             |              |              |             |             |             |                     |             |             |             |             |             |             |             |             |             |             |             |             |             | $\vdash \vdash \vdash$ | <u> </u>    |          | 4 |
| Tot     | -1         |        |             |                | 1611           | 211         | 136         | 202         | 280          | 200          | 233         | 123         | 80          | 100                 | 46          |             |             |             |             |             |             |             |             |             |             |             | $\vdash$    | $\vdash \vdash \vdash$ | <u> </u>    |          | - |
| 101     | aı         |        |             |                | 1011           | 0           | N           | D           | J            | F            | 233<br>M    | 123<br>A    | M           | J                   | 40<br>J     | A           | S           | 0           | N           | D           | J           | F           | M           | A           | M           | J           | J           | A                      | S           |          | - |
|         |            |        |             |                |                | C<br>T      | O<br>V      | E<br>C      | A<br>N       | E<br>B       | A<br>R      | P<br>R      | A<br>Y      | U<br>N              | U<br>L      | U<br>G      | E<br>P      | C<br>T      | O<br>V      | E<br>C      | A<br>N      | E<br>B      | A<br>R      | P<br>R      | A<br>Y      | U<br>N      | U<br>L      | U<br>G                 | E<br>P      |          |   |
|         |            |        |             |                |                |             |             |             |              |              |             |             |             |                     |             |             |             |             |             |             |             |             |             |             |             |             |             |                        |             |          |   |
| M       |            |        |             |                |                |             | ]           | PRODU       | CTION I      | RATES        |             |             |             |                     |             |             | DMIN L      |             |             |             | MFR         |             | TOTA        | AL          | REMA        | RKS         |             |                        |             |          |   |
| F       |            |        |             |                |                |             |             |             |              |              |             | ned MI      |             |                     |             | Prio        | or 1 Oct    | +           | r 1 Oct     | Aft         | ter 1 Oct   |             | After 1     | Oct         | _           |             |             |                        |             |          |   |
| R       | -          |        |             | e - Locati     |                |             |             |             | 1-8-5        | MAX          | D-          |             | -           | tial                |             |             | 4           | +           | 5           |             | 26          |             | 31          |             | _           |             |             |                        |             |          |   |
| 1       | 1          | •      |             | od, Saco, N    | Aaine          |             |             | 600         | 2400         | 3600         | 18          | _           | _           | order               |             |             | 4           | +           | 5           |             | 26          |             | 31          |             |             |             |             |                        |             |          |   |
| _       | TBS,       |        | Systems, N  | Mesa, AZ       |                |             |             | 600         | 2880<br>2880 | 3960<br>3960 | 18          |             | _           | tial                |             |             | 4           |             | 5           |             | 26          | _           | 31          |             |             |             |             |                        |             |          |   |
| 3       | 165,       | 188    |             |                |                |             |             | 600         | 2880         | 3900         | 18          | 3           |             | order               |             |             | 4           |             | 5           |             | 26<br>26    |             | 31          |             |             |             |             |                        |             |          |   |
|         |            |        |             |                |                |             |             |             |              |              |             |             | Re          | order               |             |             | 4           |             | 5           |             | 26          |             | 31          |             | _           |             |             |                        |             |          |   |
|         |            |        |             |                |                |             |             |             |              |              |             |             | In          | tial                |             |             |             |             |             |             |             |             |             |             | 1           |             |             |                        |             |          |   |
|         |            |        |             |                |                |             |             |             |              |              |             |             | Re          | order               |             |             |             |             |             |             |             |             |             |             |             |             |             |                        |             |          |   |
|         |            |        | -           |                |                |             |             |             |              |              |             |             | In          | tial                |             |             |             |             |             |             |             |             |             |             |             |             |             |                        |             |          |   |
| Reorder |            |        |             |                |                |             |             |             |              |              |             |             |             |                     |             |             |             |             |             |             |             |             |             |             |             |             |             |                        |             |          |   |

| Exhibit P-40, Budget Item J   | Justification Sheet |              |                                  |              | Date:       | ay 2009    |
|---|---------------------|--------------|----------------------------------|--------------|-------------|------------|
| Appropriation / Budget Activity / Seria<br>Procurement of W&TCV, Army / 2 / V |                     |              | P-1 Item Nomencla<br>Mortar Syst | ems (G02200) | ·           |            |
| Program Elements for Code B Items:  | Code:               | Other Relate | d Program Elements:              |              |             |            |
|   | Prior Years         | FY 2008      | FY 2009                          | FY 2010      | To Complete | Total Prog |
| Proc Qty  | 1039                | 695          | 351                              | 315          |             | 2400       |
| Gross Cost  | 309.8               | 53.6         | 17.0                             | 14.8         |             | 395.2      |
| Less PY Adv Proc  |                     |              |                                  |              |             |            |
| Plus CY Adv Proc  |                     |              |                                  |              |             |            |
| Net Proc P1   | 309.8               | 53.6         | 17.0                             | 14.8         |             | 395.2      |
| Initial Spares  |                     |              |                                  |              |             |            |
| Total Proc Cost   | 309.8               | 53.6         | 17.0                             | 14.8         |             | 395.2      |
| Flyaway U/C   |                     |              |                                  |              |             |            |
| Weapon System Proc U/C  | 0.1                 | 0.1          | 0.1                              | 0.1          |             | 0.4        |
| 1   |                     |              |                                  |              |             |            |

Mortar Systems funding supports the production of M224, 60mm; M252A1, 81mm; and M120/M121, 120mm Mortar Weapon Systems. Funding also includes the production of associated equipment to include procurement of the M326 Quick Stow and M1101 trailer which are used with the M120 120mm towed mortar system. The Quick Stow will enable rapid emplacement and displacement of the M120, from the M1101 Trailer.

#### Justification:

FY10 Base funding in the amount of \$14.779 million will procure 315 M224A1 60mm Light Weight Mortar Weapon Systems to Active Force Interim Brigade Combat Teams.

|                |            | FY2008   | FY2009   | FY2010   |
|----------------|------------|----------|----------|----------|
| Active         | QTY        | 667      | 93       | 155      |
|                | Gross Cost | \$51.499 | \$5.784  | \$10.089 |
| National Guard | QTY        | 28       | 258      | 160      |
|                | Gross Cost | \$2.120  | \$11.191 | \$4.690  |

Item No. 25 Page 1 of 8 154 Exhibit P-40 Budget Item Justification Sheet Exhibit P-5, Weapon WTCV Cost Analysis

Appropriation/Budget Activity/Serial No:
Procurement of W&TCV, Army / 2 / Weapons and other combat vehicles

P-1 Line Item Nomenclature:
Mortar Systems (G02200)

Weapon System Type:
Mortar Systems (G02200)

May 2009

| combat vehicles                         |    |            |       |           |            |       |           |            |       |           |
|---|----|------------|-------|-----------|------------|-------|-----------|------------|-------|-----------|
| WTCV                                    | ID |            | FY 08 |           |            | FY 09 |           |            | FY 10 |           |
| Cost Elements                           | CD | Total Cost | Qty   | Unit Cost | Total Cost | Qty   | Unit Cost | Total Cost | Qty   | Unit Cost |
|   |    | \$000      | Each  | \$000     | \$000      | Each  | \$000     | \$000      | Each  | \$000     |
| HARDWARE                                |    |            |       |           |            |       |           |            |       |           |
| 60mm Cannon Tubes                       |    | 6555       | 437   | 15        | 4030       | 310   | 13        | 4095       | 315   | 13        |
| 60mm Baseplates                         |    | 3376       | 422   | 8         | 2480       | 310   | 8         | 2520       | 315   | 8         |
| 60mm Bipods                             |    | 2185       | 437   | 5         | 1550       | 310   | 5         | 2520       | 315   | 8         |
| 60mm Basic Issue / Direct Support Tools |    | 2622       | 437   | 6         | 1550       | 310   | 5         |            |       |           |
| 60mm Direct Lay Sight                   |    |            |       |           |            |       |           | 1575       | 315   | 5         |
| 81mm Cannon Tubes                       |    | 2525       | 135   | 19        |            |       |           |            |       |           |
| 81mm Baseplates                         |    | 1980       | 660   | 3         |            |       |           |            |       |           |
| 81mm Bipods                             |    | 4620       | 660   | 7         |            |       |           |            |       |           |
| 81mm Basic Issue / Direct Support Tools |    | 1650       | 165   | 10        |            |       |           |            |       |           |
| 120mm Cannon Tubes (M120)               |    | 2337       | 123   | 19        | 779        | 41    | 19        |            |       |           |
| 120mm Baseplates                        |    | 2916       | 243   | 12        | 492        | 41    | 12        |            |       |           |
| 120mm Bipods                            |    | 1107       | 123   | 9         | 450        | 50    | 9         |            |       |           |
| 120mm Basic Issue/ Direct Support Tools |    | 1668       | 139   | 12        | 492        | 41    | 12        |            |       |           |
| M326 Quick Stow                         |    | 2871       | 87    | 33        | 572        | 26    | 22        |            |       |           |
| M67 Sight Units                         |    | 2270       | 454   | 5         | 300        | 60    | 5         |            |       |           |
| M1101 Trailers                          |    | 855        | 95    | 9         | 234        | 26    | 9         |            |       |           |
| Subtotal Hardware                       |    | 39537      |       |           | 12929      |       |           | 10710      |       |           |
| PRODUCTION SUPPORT                      |    |            |       |           |            |       |           |            |       |           |
| Production Engineering                  |    | 3409       |       |           | 1520       |       |           | 1837       |       |           |
| Proof and Acceptance                    |    | 1763       |       |           | 247        |       |           | 350        |       |           |
| Government ILS                          |    | 755        |       |           | 218        |       |           | 222        |       |           |
| Staging                                 |    | 491        |       |           | 208        |       |           | 400        |       |           |
| Operations and New Equipment Training   |    | 3246       |       |           | 1517       |       |           | 750        |       |           |
| Installation                            |    | 2500       |       |           |            |       |           |            |       |           |
| Subtotal Production Support             |    | 12164      |       |           | 3710       |       |           | 3559       |       |           |
| NON-RECURRING COSTS                     |    |            |       |           |            |       |           |            |       |           |
| First Article Test                      |    | 1418       |       |           | 336        |       |           | 510        |       |           |
| Manuals                                 |    | 500        |       |           |            |       |           |            |       |           |
| Subtotal Non-recurring Costs            |    | 1918       |       |           | 336        |       |           | 510        |       |           |
| TOTAL                                   |    | 53619      |       |           | 16975      |       |           | 14779      |       |           |

G02200 Mortar Systems Item No. 25 Page 2 of 8 155 Exhibit P-5 Weapon System Cost Analysis

| Exhibit P-5, Weapon WTCV Cost Analysis | Appropriation/Budget Activity/Serial No:<br>Procurement of W&TCV, Army / 2 / Weap<br>combat vehicles | ons and |            | ne Item No<br>r Systems ( | menclature:<br>G02200) |            |       | Weapon Syste | m Type:    | Date: | May 2009  |
|--|--|---------|------------|---------------------------|------------------------|------------|-------|--------------|------------|-------|-----------|
| WTCV                                   |  | ID      |            | FY 08                     |                        |            | FY 09 |              |            | FY 10 |           |
| Cost Element                           | $\mathbf{s}$   | CD      | Total Cost | Qty                       | Unit Cost              | Total Cost | Qty   | Unit Cost    | Total Cost | Qty   | Unit Cost |
|  |  |         | \$000      | Each                      | \$000                  | \$000      | Each  | \$000        | \$000      | Each  | \$000     |
| Total:                                 |  |         | 53619      | ı                         |                        | 16975      |       |              | 1477       | 9     |           |

| Exhibit P-5a, Budget Procu   | rement Histor             | y and Planning          |                                |                       |            |                           |             |                    | ate:<br>Iay 2009       | 9                      |                   |
|--|---------------------------|-------------------------|--------------------------------|-----------------------|------------|---------------------------|-------------|--------------------|------------------------|------------------------|-------------------|
| Appropriation/Budget Activity/Serial No:<br>Procurement of W&TCV, Army/ 2/ Weapons and | other combat vehicles     | Weapon System Type:     | P-1 Line Item<br>Mortar Systen |                       |            |                           |             |                    |                        |                        |                   |
| WBS Cost Elements:   |                           | Contractor and Location | Contract<br>Method and<br>Type | Location of PCO       | Award Date | Date of First<br>Delivery | QTY<br>Each | Unit Cost<br>\$000 | Specs<br>Avail<br>Now? | Date<br>Revsn<br>Avail | RF<br>Issu<br>Dat |
| 0mm Cannon Tubes   |                           |                         |                                |                       |            |                           |             |                    |                        |                        |                   |
| FY 2008  | Dynamic I<br>Billerica, I | Flow Form<br>MA         | SS/Option                      | Quantico, IA          | Apr 09     | Apr 10                    | 437         | 15                 | Y                      |                        |                   |
| FY 2009  | Dynamic I<br>Billerica, I | Flow Form<br>MA         | SS/Option                      | Quantico, IA          | Apr 09     | Oct 10                    | 310         | 13                 | Y                      |                        |                   |
| FY 2010  | Watervliet<br>Watervliet  |                         | MIPR                           | Rock Island, IL       | Mar 10     | Mar 11                    | 315         | 13                 | Y                      |                        |                   |
| 0mm Baseplates   |                           |                         |                                |                       |            |                           |             |                    |                        |                        |                   |
| FY 2008  | Watervliet<br>Watervliet  |                         | MIPR                           | Rock Island, IL       | Sep 08     | Sep 09                    | 422         | 8                  | Y                      |                        |                   |
| FY 2009  | Arlington<br>Fairfield, I | Machine Tool<br>NJ      | SS/Option                      | Picatinny Arsenal, NJ | Apr 09     | Apr 10                    | 310         | 8                  | Y                      |                        |                   |
| FY 2010  | Arlington<br>Fairfield, I | Machine Tool<br>NJ      | SS/Option                      | Picatinny Arsenal, NJ | Mar 10     | Mar 11                    | 315         | 8                  | Y                      |                        |                   |
| 0mm Bipods   |                           |                         |                                |                       |            |                           |             |                    |                        |                        |                   |
| FY 2008  | MaTech<br>Salisbury,      | MD                      | SS/Option                      | Picatinny Arsenal, NJ | Sep 08     | Sep 09                    | 437         | 5                  | Y                      |                        |                   |
| FY 2009  | MaTech<br>Salisbury,      | MD                      | SS/Option                      | Picatinny Arsenal, NJ | May 09     | May 10                    | 310         | 5                  | Y                      |                        |                   |
| FY 2010  | MaTech<br>Salisbury,      | MD                      | SS/Option                      | Picatinny Arsenal, NJ | Mar 10     | Mar 11                    | 315         | 8                  | Y                      |                        |                   |
| 0mm Basic Issue / Direct Support Tools   |                           |                         |                                |                       |            |                           |             |                    |                        |                        |                   |
| FY 2008  | Savit Corp<br>Parsippany  |                         | SS/Option                      | Picatinny Arsenal, NJ | Apr 08     | Oct 09                    | 437         | 6                  |                        |                        |                   |
| FY 2009  | To Be Sele<br>TBS         | ected                   | C/FP                           | Picatinny Arsenal, NJ | May 09     | Nov 09                    | 310         | 5                  | Y                      |                        |                   |
| 0mm Direct Lay Sight   |                           |                         |                                |                       |            |                           |             |                    |                        |                        |                   |
| FY 2010  | To Be Sele<br>TBS         | ected                   | C/FP                           | Picatinny Arsenal, NJ | Mar 10     | Mar 11                    | 315         | 5                  | Y                      |                        |                   |
| 1mm Cannon Tubes   |                           |                         |                                |                       |            |                           |             |                    |                        |                        |                   |
| FY 2008  | Watervliet<br>Watervliet  |                         | SS/Option                      | Rock Island, IL       | Sep 08     | Sep 09                    | 135         | 19                 | Y                      |                        |                   |
| 1mm Baseplates   |                           |                         |                                |                       |            |                           |             |                    |                        |                        |                   |
| FY 2008  | Arlington                 | Machine Tool            | SS/Option                      | Picatinny Arsenal, NJ | Aug 08     | Aug 09                    | 660         | 3                  | Y                      |                        |                   |

G02200 Mortar Systems Item No. 25 Page 4 of 8 157 Exhibit P-5a Budget Procurement History and Planning

| Appropriation/Budget Activity/Serial No:<br>Procurement of W&TCV, Army/ 2/ Weapons and | d other combat vehicles   | Weapon System Type:       | P-1 Line Item<br>Mortar System | Nomenclature:<br>ns (G02200) |            |                           |             |                    |                        |                        |                     |
|--|---------------------------|---------------------------|--------------------------------|------------------------------|------------|---------------------------|-------------|--------------------|------------------------|------------------------|---------------------|
| WBS Cost Elements:   |                           | Contractor and Location   | Contract<br>Method and<br>Type | Location of PCO              | Award Date | Date of First<br>Delivery | QTY<br>Each | Unit Cost<br>\$000 | Specs<br>Avail<br>Now? | Date<br>Revsn<br>Avail | RFF<br>Issu<br>Date |
|  | Fairfield, N              | 1]                        |                                |                              |            |                           |             |                    |                        |                        |                     |
| 81mm Bipods  |                           |                           |                                |                              |            |                           |             |                    |                        |                        |                     |
| FY 2008  | MaTech<br>Salisbury,      | MD                        | SS/Option                      | Picatinny Arsenal, NJ        | Sep 08     | Sep 09                    | 660         | 7                  | Y                      |                        |                     |
| 31mm Basic Issue / Direct Support Tools  |                           |                           |                                |                              |            |                           |             |                    |                        |                        |                     |
| FY 2008  | Savit Corp<br>Parsippany  |                           | SS/Option                      | Picatinny Arsenal, NJ        | Apr 08     | Oct 09                    | 165         | 10                 | Y                      |                        |                     |
| 20mm Cannon Tubes (M120)   |                           |                           |                                |                              |            |                           |             |                    |                        |                        |                     |
| FY 2008  | Watervliet<br>Watervliet  |                           | MIPR                           | Rock Island, IL              | Sep 08     | Sep 09                    | 123         | 19                 | Y                      |                        |                     |
| FY 2009  | Watervliet<br>Watervliet  |                           | MIPR                           | Rock Island, IL              | Mar 09     | Mar 10                    | 41          | 19                 | Y                      |                        |                     |
| 20mm Baseplates  |                           |                           |                                |                              |            |                           |             |                    |                        |                        |                     |
| FY 2008  | General Dy<br>St. Petersb | ynamics, OTS<br>urg, Fla. | SS/Option                      | Picatinny Arsenal, NJ        | May 08     | May 09                    | 243         | 12                 | Y                      |                        |                     |
| FY 2009  | Watervliet<br>Watervliet  |                           | MIPR                           | Rock Island, IL              | Apr 09     | Mar 10                    | 41          | 12                 | Y                      |                        |                     |
| 20mm Bipods  |                           |                           |                                |                              |            |                           |             |                    |                        |                        |                     |
| FY 2008  | Connectec<br>Irvine, CA   |                           | SS/Option                      | Rock Island, IL              | May 08     | May 09                    | 123         | 9                  | Y                      |                        |                     |
| FY 2009  | General M<br>Bethel Parl  | anufacturing<br>k, PA     | SS/Option                      | Rock Island, IL              | Apr 09     | Apr 10                    | 50          | 9                  | Y                      |                        |                     |
| 20mm Basic Issue/ Direct Support Tools   |                           |                           |                                |                              |            |                           |             |                    |                        |                        |                     |
| FY 2008  | Savit Corp<br>Parsippany  |                           | SS/Option                      | Picatinny Arsenal, NJ        | Apr 08     | Oct 09                    | 139         | 12                 | Y                      |                        |                     |
| FY 2009  | To Be Sele<br>TBS         | ected                     | SS/Option                      | Picatinny Arsenal, NJ        | May 09     | Nov 09                    | 41          | 12                 | Y                      |                        |                     |
| M326 Quick Stow  |                           |                           |                                |                              |            |                           |             |                    |                        |                        |                     |
| FY 2008  | BAE Syste<br>Minneapol    |                           | SS/Option                      | Picatinny Arsenal, NJ        | Sep 08     | Sep 09                    | 87          | 33                 | Y                      |                        |                     |
| FY 2009  | BAE Syste<br>Minneapol    |                           | SS/Option                      | Picatinny Arsenal, NJ        | May 09     | May 10                    | 26          | 22                 | Y                      |                        |                     |
| M67 Sight Units  |                           |                           |                                |                              |            |                           |             |                    |                        |                        |                     |
| FY 2008  | ELCAN<br>Midland, O       | Ontario, Canada           | SS/Option                      | Rock Island, IL              | Mar 08     | Mar 09                    | 454         | 5                  | Y                      |                        |                     |

G02200 Mortar Systems Item No. 25 Page 5 of 8 158 Exhibit P-5a Exhibit P-5a, Budget Procurement History and Planning

| Exhibit P-5a, Budget Procurement  | t History                    | and Planning            |                                |                              |            |                           |             |                    | ate:<br>Iay 2009       | )                      |                      |
|---|------------------------------|-------------------------|--------------------------------|------------------------------|------------|---------------------------|-------------|--------------------|------------------------|------------------------|----------------------|
| Appropriation/Budget Activity/Serial No: Procurement of W&TCV, Army/ 2/ Weapons and other comba |                              | Weapon System Type:     | P-1 Line Item<br>Mortar System | Nomenclature:<br>ns (G02200) |            |                           |             |                    |                        |                        |                      |
| WBS Cost Elements:  | (                            | Contractor and Location | Contract<br>Method and<br>Type | Location of PCO              | Award Date | Date of First<br>Delivery | QTY<br>Each | Unit Cost<br>\$000 | Specs<br>Avail<br>Now? | Date<br>Revsn<br>Avail | RFP<br>Issue<br>Date |
| FY 2009   | ELCAN<br>Midland, Or         | ntario, Canada          | SS/Option                      | Rock Island, IL              | Apr 09     | Apr 10                    | 60          | 5                  | Y                      |                        |                      |
| M1101 Trailers  |                              |                         |                                |                              |            |                           |             |                    |                        |                        |                      |
| FY 2008   | Silver Eagle<br>Portland, Ol | e Manufacturing<br>R    | SS/Option                      | Picatinny Arsenal, NJ        | Sep 08     | Sep 09                    | 95          | 9                  | Y                      |                        |                      |
| FY 2009   | Silver Eagle<br>Portland, Ol | e Manufacturing<br>R    | SS/Option                      | Picatinny Arsenal, NJ        | Feb 09     | Feb 10                    | 26          | 9                  | Y                      |                        |                      |

REMARKS:

|        |          | FY      | 7 08 /      | 09 BU          | DGE            | ΓPRO        | ODUC        | CTIO        | N SCI       | HEDU        | LE          |             |             | P-1 ITEM<br>Mortar S |             |             |             |             |             |             |             |             | Dat         | e:          | May 20      | 009         |             |             |             |       |   |
|--------|----------|---------|-------------|----------------|----------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|----------------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------|---|
|        | COS      | T E     | LEM         | ENTS           |                |             |             |             |             |             | Fiscal Y    | Year 08     | 3           | •                    |             |             |             |             |             |             |             |             | Fiscal Y    | ear 09      | 1           |             |             |             |             |       |   |
| M      |          | S F     | PROC<br>QTY | ACCEP<br>PRIOR | BAL<br>DUE     |             |             |             |             |             |             |             |             | Calenda              | r Year 0    | 08          |             |             |             |             |             |             |             | Calen       | dar Yea     | ır 09       |             |             |             |       |   |
| F F    | Y        |         | Units       | TO<br>1 OCT    | AS OF<br>1 OCT | O<br>C<br>T | N<br>O<br>V | D<br>E<br>C | J<br>A<br>N | F<br>E<br>B | M<br>A<br>R | A<br>P<br>R | M<br>A<br>Y | J<br>U<br>N          | J<br>U<br>L | A<br>U<br>G | S<br>E<br>P | O<br>C<br>T | N<br>O<br>V | D<br>E<br>C | J<br>A<br>N | F<br>E<br>B | M<br>A<br>R | A<br>P<br>R | M<br>A<br>Y | J<br>U<br>N | J<br>U<br>L | A<br>U<br>G | S<br>E<br>P | Later |   |
| 60mm ( | Cannon   | Tubes   |             |                | 1              |             |             | l           |             |             |             |             | 1           |                      | 1           |             |             |             |             |             |             |             |             |             |             |             |             |             |             |       |   |
| 1 FY   | 08 A     |         | 437         | 0              | 437            |             |             |             |             |             |             |             |             |                      |             |             |             |             |             |             |             |             |             | A           |             |             |             |             |             | 437   |   |
| 1 FY   | 09 A     |         | 310         | 0              | 310            |             |             |             |             |             |             |             |             |                      |             |             |             |             |             |             |             |             |             | A           |             |             |             |             |             | 310   | 1 |
| 2 FY   | 10 A     |         | 315         | 0              | 315            |             |             |             |             |             |             |             |             |                      |             |             |             |             |             |             |             |             |             |             |             |             |             |             |             | 315   | 1 |
| 81mm ( | Cannon   | Tubes   |             |                |                |             |             |             |             |             |             |             |             |                      |             |             |             |             |             |             |             |             |             |             |             |             |             |             |             |       |   |
| 2 FY   | 08 A     |         | 135         | 0              | 135            |             |             |             |             | A 50 8:     |             |             |             |                      |             |             |             |             |             |             |             |             |             |             |             |             |             |             |             |       |   |
| 120mm  | Cannoi   | 1 Tubes | s (M12      | 0)             |                |             |             |             |             |             |             |             |             |                      |             |             |             |             |             |             |             |             |             |             |             |             |             |             |             |       |   |
| 2 FY   |          |         | 123         | 0              | 123            |             |             |             |             |             |             |             |             |                      |             |             | A           |             |             |             |             |             |             |             |             |             |             |             | 20          | 103   |   |
| 2 FY   | 09 A     |         | 41          | 0              | 41             |             |             |             |             |             |             |             |             |                      |             |             |             |             |             |             |             |             | A           |             |             |             |             |             | <u> </u>    | 41    |   |
|        |          |         |             |                |                |             |             |             |             |             |             |             |             |                      |             |             |             |             |             |             |             |             |             |             |             |             |             |             | ļ           |       | 1 |
|        |          |         |             |                |                |             |             |             |             |             |             |             |             |                      |             |             |             |             |             |             |             |             |             |             |             |             |             |             |             |       | 4 |
|        |          |         |             |                |                |             |             |             |             |             |             |             |             |                      |             |             |             |             |             |             |             |             |             |             |             |             |             |             |             |       | - |
|        |          |         |             |                |                |             |             |             |             |             |             |             |             |                      |             |             |             |             |             |             |             |             |             |             |             |             |             |             |             |       | 4 |
|        |          |         |             |                |                |             |             |             |             |             |             |             |             |                      |             |             |             |             |             |             |             |             |             |             |             |             |             |             |             |       | 1 |
| Total  |          |         |             |                | 1361           |             |             |             |             |             |             |             |             |                      |             |             |             |             |             |             |             |             |             |             |             |             |             |             | 70          | 1291  | - |
| Total  |          | ı       |             |                | 1501           | 0           | N           | D           | J           | F           | M           | A           | M           | J                    | J           | A           | S           | 0           | N           | D           | J           | F           | M           | A           | M           | J           | J           | A           | S           | 1271  | 1 |
|        |          |         |             |                |                | C<br>T      | O<br>V      | E<br>C      | A<br>N      | E<br>B      | A<br>R      | P<br>R      | A<br>Y      | U<br>N               | U<br>L      | U<br>G      | E<br>P      | C<br>T      | O<br>V      | E<br>C      | A<br>N      | E<br>B      | A<br>R      | P<br>R      | A<br>Y      | U<br>N      | U<br>L      | U<br>G      | E<br>P      |       |   |
|        |          |         |             |                |                |             |             |             |             |             |             |             |             |                      |             |             |             |             |             |             |             |             |             |             |             |             |             |             |             |       |   |
| M      |          |         |             |                |                |             | ]           | PRODU       | ICTION 1    | RATES       |             |             |             |                      |             | A           | DMIN I      | LEAD T      | IME         |             | MFR         |             | TOTA        | AL          | REMA        | RKS         |             |             |             |       |   |
| F      |          |         |             |                |                |             |             |             |             |             | Reacl       | ned M       | FR          |                      |             | Pric        | or 1 Oct    | Afte        | r 1 Oct     | Aft         | er 1 Oct    |             | After 1     | Oct         |             |             |             |             |             |       |   |
| R      |          |         | Nam         | e - Locati     | on             |             | N           | MIN         | 1-8-5       | MAX         | D+          | -           | 1 I         | nitial               |             |             | 6           |             | 19          |             | 12          |             | 31          |             |             |             |             |             |             |       |   |
|        |          |         |             | illerica, M    |                |             |             | 10          | 150         | 200         |             |             | F           | eorder               |             |             | 3           |             | 7           |             | 18          |             | 25          |             |             |             |             |             |             |       |   |
| 2 W    | atervlie | Arsen   | nal, Wat    | tervliet, N    | Y              |             |             | 10          | 95          | 165         |             |             | 2 I         | nitial               |             |             | 6           |             | 12          |             | 12          |             | 24          |             |             |             |             |             |             |       |   |
|        |          |         |             |                |                |             |             |             |             |             |             |             | F           | leorder              |             |             | 3           |             | 6           |             | 12          |             | 18          |             |             |             |             |             |             |       |   |
|        |          |         |             |                |                |             |             |             |             |             |             |             | I           | nitial               |             |             |             |             |             |             |             |             |             |             |             |             |             |             |             |       |   |
|        |          |         |             |                |                |             |             |             |             |             |             |             |             | eorder               |             |             |             |             |             |             |             |             |             |             |             |             |             |             |             |       |   |
|        |          |         |             |                |                |             |             |             |             |             | -           |             | -           | nitial               |             |             |             |             |             |             |             |             |             |             | ]           |             |             |             |             |       |   |
|        |          |         |             |                |                |             |             |             |             |             | 1           |             |             | teorder              |             |             |             |             |             |             |             | $\perp$     |             |             | -           |             |             |             |             |       |   |
|        |          |         |             |                |                |             |             |             |             |             | 1           | _           | -           | nitial               |             |             |             |             |             |             |             |             |             |             |             |             |             |             |             |       |   |
|        |          |         |             |                |                |             |             |             |             | I           | 1           |             | F           | leorder              |             |             |             |             |             |             |             |             |             |             | 1           |             |             |             |             |       |   |

|        |                | J        | FY 10 /      | / 11 BU        | JDGE'          | ΓPRO    | ODUC   | CTIO     | N SCI    | HEDU   | LE       |         |         | P-1 ITEN |           |         |          |        |         |         |          |         | Dat      | e:      | M 20    | 200     |         |        |          |       |   |
|--------|----------------|----------|--------------|----------------|----------------|---------|--------|----------|----------|--------|----------|---------|---------|----------|-----------|---------|----------|--------|---------|---------|----------|---------|----------|---------|---------|---------|---------|--------|----------|-------|---|
|        |                |          |              |                |                | ı       |        |          |          |        |          |         |         | Mortar S | ystems (C | G02200  | )<br>    |        |         |         |          |         |          |         | May 20  | J09     |         |        |          |       |   |
|        | C              | OST      | ELEM         | IENTS          | }              |         |        |          |          |        | Fiscal Y | Year 10 | )       |          |           |         |          |        |         |         |          |         | Fiscal Y | ear 11  |         |         |         |        |          |       |   |
| M      |                | S<br>E   | PROC<br>QTY  | ACCEP<br>PRIOR | BAL<br>DUE     |         |        |          |          |        |          |         |         | Calenda  | r Year 1  | .0      |          |        |         |         |          |         |          | Calen   | dar Yea | ar 11   |         |        |          |       |   |
| F<br>R |                | R<br>V   | Units        | TO<br>1 OCT    | AS OF<br>1 OCT | O<br>C  | N<br>O | D<br>E   | J<br>A   | F<br>E | M<br>A   | A<br>P  | M<br>A  | J<br>U   | J<br>U    | A<br>U  | S<br>E   | O<br>C | N<br>O  | D<br>E  | J<br>A   | F<br>E  | M<br>A   | A<br>P  | M<br>A  | J<br>U  | J<br>U  | A<br>U | S<br>E   | Later |   |
|        |                |          | <u> </u>     | 1001           | 1 001          | T       | V      | C        | N        | В      | R        | R       | Y       | N        | L         | G       | P        | T      | V       | C       | N        | В       | R        | R       | Y       | N       | L       | G      | P        | Later | _ |
|        | mm Canı        |          |              |                | 125            | I       | 1      | т—       | 1        | I I    | 1        | 70      | _       | 0 70     | 70        | 70      | 07       |        | l 1     |         | 1        |         |          |         | I       | l       |         |        |          |       | _ |
|        | FY 08          | Α .      | 437<br>310   | 0              |                |         |        |          |          |        |          | 70      | 7       | 0 70     | 70        | 70      | 87       | 70     | 70      | 70      | 70       | 30      |          |         |         |         |         |        |          | 0     |   |
|        | FY 09<br>FY 10 | A<br>A   | 310          |                |                |         |        |          |          |        | Α.       |         |         |          | $\vdash$  |         |          | 70     | /0      | 70      | 70       | 30      | 70       | 70      | 70      | 70      | 35      |        |          | 0     |   |
|        | mm Canı        |          |              | 0              | 313            |         |        |          |          |        | A        |         |         |          |           |         |          |        |         |         |          |         | 70       | 70      | 70      | 70      | 33      |        |          | U     | - |
| 2      | FY 08          | A        | 135          | 50             | 85             | 50      | 35     |          |          |        |          |         |         |          |           |         |          |        |         |         |          |         |          |         |         |         |         |        |          | 0     | _ |
| 12     | Omm Car        | nnon Tu  | ubes (M12    | 20)            |                |         |        |          |          |        |          |         |         |          |           |         |          |        |         |         |          |         |          |         |         |         |         |        |          |       |   |
| 2      | FY 08          | A        | 123          | 20             | 103            | 40      | 40     | 23       |          |        |          |         |         |          |           |         |          |        |         |         |          |         |          |         |         |         |         |        |          | 0     |   |
| 2      | FY 09          | A        | 41           | 0              | 41             |         |        |          |          |        | 20       | 21      |         |          |           |         |          |        |         |         |          |         |          |         |         |         |         |        |          | 0     |   |
|        |                |          |              |                |                |         |        |          |          |        |          |         |         |          |           |         |          |        |         |         |          |         |          |         |         |         |         |        |          |       |   |
|        |                |          |              |                |                |         |        |          |          |        |          |         |         |          |           |         |          |        |         |         |          |         |          |         |         |         |         |        | ļ        |       |   |
|        |                |          | <u> </u>     |                |                |         |        |          |          |        |          |         |         |          |           |         |          |        |         |         |          |         |          |         |         |         |         |        | <b></b>  |       |   |
|        |                |          |              |                |                |         |        | <u> </u> |          |        |          |         |         |          |           |         |          |        |         |         |          |         |          |         |         |         |         |        | <b> </b> |       |   |
|        |                |          | <del> </del> |                |                |         |        |          |          |        |          |         |         |          |           |         |          |        |         |         |          |         |          |         |         |         |         |        |          |       |   |
| То     | · -1           |          | +            |                | 1291           | 90      | 75     | 23       |          |        | 20       | 91      | 70      | 70       | 70        | 70      | 87       | 70     | 70      | 70      | 70       | 30      | 70       | 70      | 70      | 70      | 35      |        |          |       |   |
| 10     | tai            |          |              |                | 1291           | 90<br>O | N      | D D      | J        | F      | 20<br>M  | 91<br>A | 70<br>M | J        | J         | 70<br>A | S        | 0      | N       | 70<br>D | 70<br>J  | 50<br>F | M        | 70<br>A | M       | 70<br>J | 33<br>I | A      | S        |       |   |
|        |                |          |              |                |                | C<br>T  | O<br>V | E<br>C   | A<br>N   | E<br>B | A<br>R   | P<br>R  | A<br>Y  | U<br>N   | U<br>L    | U<br>G  | E<br>P   | C<br>T | O<br>V  | E<br>C  | A<br>N   | E<br>B  | A<br>R   | P<br>R  | A<br>Y  | U<br>N  | U<br>L  | U<br>G | E<br>P   |       |   |
|        |                |          |              |                |                |         |        |          |          |        |          |         |         |          |           |         |          |        |         |         |          |         |          |         |         |         |         |        |          |       |   |
| Μ      |                |          |              |                |                |         | ]      | PRODU    | JCTION : | RATES  |          |         |         |          |           | A       | DMIN I   | EAD T  | IME     | ]       | MFR      |         | TOTA     | AL      | REMA    | RKS     |         |        |          |       |   |
| F      |                |          |              |                |                |         |        |          |          |        | Reac     | hed M   | FR      |          |           | Prio    | or 1 Oct | After  | r 1 Oct | Aft     | er 1 Oct |         | After 1  | Oct     |         |         |         |        |          |       |   |
| R      |                |          | Nan          | ne - Locati    | on             |         | N      | MIN      | 1-8-5    | MAX    | D-       | + 1     | 1 In    | itial    |           |         | 6        |        | 19      |         | 12       |         | 31       |         |         |         |         |        |          |       |   |
| 1      | Dynan          | nic Flov | w Form, B    | illerica, N    | 1A             |         |        | 10       | 150      | 200    |          |         | Re      | eorder   |           |         | 3        |        | 7       |         | 18       |         | 25       |         |         |         |         |        |          |       |   |
| 2      | Water          | vliet Ar | rsenal, Wa   | tervliet, N    | Y              |         |        | 10       | 95       | 165    |          |         | 2 In    | itial    |           |         | 6        |        | 12      |         | 12       |         | 24       |         |         |         |         |        |          |       |   |
|        |                |          |              |                |                |         |        |          |          |        |          |         | Re      | eorder   |           |         | 3        |        | 6       |         | 12       |         | 18       |         |         |         |         |        |          |       |   |
|        |                |          |              |                |                |         |        |          |          |        |          |         | In      | itial    |           |         |          |        |         |         |          |         |          |         |         |         |         |        |          |       |   |
|        |                |          |              |                |                |         |        |          |          |        |          |         | Re      | eorder   |           |         |          |        |         |         |          |         |          |         |         |         |         |        |          |       |   |
|        |                |          |              |                |                |         |        |          |          |        |          |         | In      | itial    |           |         |          |        |         |         |          |         |          |         |         |         |         |        |          |       |   |
|        |                |          |              |                |                |         |        |          |          |        | _        |         | Re      | eorder   |           |         |          |        |         |         |          |         |          |         |         |         |         |        |          |       |   |
|        |                |          |              |                |                |         |        |          |          |        | -        | _       | -       | itial    |           |         |          |        |         |         |          |         |          |         |         |         |         |        |          |       |   |
|        | 1              |          |              |                |                |         |        |          |          | 1      |          |         | Re      | eorder   |           |         |          | 1      |         |         |          |         |          |         | l       |         |         |        |          |       |   |

| Exhibit P-40, Budget Item   | Justification She | et     |              |                              |  | Date:       | ay 2009    |
|---|-------------------|--------|--------------|------------------------------|--|-------------|------------|
| Appropriation / Budget Activity / Seria<br>Procurement of W&TCV, Army / 2 / V |                   | hicles |              | P-1 Item Nomencl<br>M107, CA | lature<br>L. 50, SNIPER RIFLE (G01500) |             |            |
| Program Elements for Code B Items:  | Cod               | ode:   | Other Relate | ed Program Elements:         |  |             |            |
|   | Prior Years       | F      | FY 2008      | FY 2009                      | FY 2010                                | To Complete | Total Prog |
| Proc Qty  | 33                | 396    |              |                              |  |             | 3396       |
| Gross Cost  | 58                | 8.5    | 0.8          | 0.2                          | 2 0.2                                  |             | 59.7       |
| Less PY Adv Proc  |                   |        |              |                              |  |             |            |
| Plus CY Adv Proc  |                   |        |              |                              |  |             |            |
| Net Proc P1   | 58                | 8.5    | 0.8          | 0.2                          | 2 0.2                                  |             | 59.7       |
| Initial Spares  |                   |        |              |                              |  |             |            |
| Total Proc Cost   | 58                | 8.5    | 0.8          | 0.2                          | 2 0.2                                  |             | 59.7       |
| Flyaway U/C   |                   |        |              |                              |  |             |            |
| Weapon System Proc U/C  |                   |        |              |                              |  |             |            |

The M107 is a Caliber .50 rifle with attached optics/electro-optics that supports all weather, day/night tactical dominance via rapid-fire direct fire engagements with armor penetrating, incendiary, dual-purpose ammunition. The M107 provides a man-portable, materiel destruction capability to the sniper team. With a family of ammunition, the M107 enables sniper teams to employ destructive force at greater ranges and at a high rate of fire. The M107 will also replace existing non-standard, M82A1, .50 caliber rifles in Explosive Ordnance Detachments as detonation tools. The primary mission of this rifle is to engage and defeat materiel targets at extended ranges to include parked aircraft; command, control, communications, computers, and intelligence (C4I) sites; radar sites; ammunition storage sites; petroleum, oil and lubricant facilities; and various other thin skinned (lightly armored) materiel targets out to 2,000 meters. The M107 will also be used in a counter-sniper role, taking advantage of the longer stand-off range and increased terminal effect of opposing snipers armed with smaller caliber weapons out to 1,000 meters. In support of Operation Iraqi Freedom (OIF) and Operation Enduring Freedom (OEF), additional items are being procured as part of the Rapid Fielding Initiative (RFI). The RFI provides new equipment (Laser Filter Units, Spotter Scopes and ancillary items) to units deployed.

#### Justification:

FY10 Base procurement dollars in the amount of \$.224 million supports the Active Army by providing engineering support.

| Exhibit P-40, Budget Item   | Justification Sheet   | t        |              |                     |         | Date:       | av 2009    |
|---|---|----------|--------------|---------------------|---------|-------------|------------|
| Appropriation / Budget Activity / Seria<br>Procurement of W&TCV, Army / 2 / Y | May 2009  et Activity / Serial No:  W&TCV, Army / 2 / Weapons and other combat vehicles  Code B Items:  ntry Support Weapons  Code:  B  Other Related Program Elements: | <u> </u> |              |                     |         |             |            |
| Program Elements for Code B Items:<br>0604601A - Infantry Support Weapon      |   |          | Other Relate | d Program Elements: |         |             |            |
|   | Prior Years   | FY       | 2008         | FY 2009             | FY 2010 | To Complete | Total Prog |
| Proc Qty  | 1200  | )        | 8457         | 9342                | 8383    |             | 27382      |
| Gross Cost  | 4.5   | 5        | 30.2         | 31.7                | 29.9    |             | 96.2       |
| Less PY Adv Proc  |   |          |              |                     |         |             |            |
| Plus CY Adv Proc  |   |          |              |                     |         |             |            |
| Net Proc P1   | 4.5   | 5        | 30.2         | 31.7                | 29.9    |             | 96.2       |
| Initial Spares  |   |          |              |                     |         |             |            |
| Total Proc Cost   | 4.5   | 5        | 30.2         | 31.7                | 29.9    |             | 96.2       |
| Flyaway U/C   |   |          |              |                     |         |             |            |
| Weapon System Proc U/C  | 0.0   | )        | 0.0          | 0.0                 | 0.0     |             | 0.0        |

The M320 Grenade Launcher Module (GLM) is a 40mm grenade launching weapon that attaches underneath the barrel of the M4 Carbine and the M16 Rifle. The weapon will replace M203 Grenade Launchers. The GLM can also be fired in a stand alone mode. The GLM incorporates an integral Day/Night sighting system and provides a separate laser range finder to assist the gunner in increasing first round accuracy.

#### Justification:

FY10 Base procurement dollars in the amount of \$16.023 million supports the Active Army, National Guard and Army Reserves by purchasing 4,740 Grenade Launcher Modules (GLM). The GLM will provide deploying units an improved capability over the M203 Grenade Launcher. The GLM 40mm ammunition is loaded from the side providing easier access and wider range of ammunition as compared to the 35 year old M203 Grenade Launcher.

FY10 Overseas Contingency Operations (OCO) procurement dollars in the amount of \$13.900 million supports the Active Army, National Guard and Army Reserves by purchasing 3,643 Grenade Launcher Modules (GLM). The GLM will provide deploying units an improved capability over the M203 Grenade Launcher. The GLM 40mm ammunition is loaded from the side providing easier access and wider range of ammunition as compared to the 35 year old M203 Grenade Launcher.

| Exhibit P-5, Weapon WTCV Cost Analysis | Appropriation/Budget Activity/Serial No:<br>Procurement of W&TCV, Army / 2 / Wea<br>combat vehicles | pons and |          |      |       | menclature:<br>DE LAUNCHER 1 | MODULE (GLM) | (G01501) | Weapon Syster | m Type:    | Date: | May 2009  |
|--|---|----------|----------|------|-------|------------------------------|--------------|----------|---------------|------------|-------|-----------|
| WTCV                                   |   | ID       |          | ]    | FY 08 |                              |              | FY 09    |               |            | FY 10 |           |
| Cost Elemen                            | ts  | CD       | Total Co | ost  | Qty   | Unit Cost                    | Total Cost   | Qty      | Unit Cost     | Total Cost | Qty   | Unit Cost |
|  |   |          | \$000    | )    | Each  | \$000                        | \$000        | Each     | \$000         | \$000      | Each  | \$000     |
| 1. M320 Grenade Launcher               |   | В        | 1        | 3056 | 8457  | 1.5                          | 15867        | 9342     | 1.7           | 14813      | 8383  | 1.7       |
| 2. Day Night Sight                     |   |          | 1        | 1619 | 8457  | 1.4                          | 14013        | 9342     | 1.5           | 12761      | 8383  | 1.5       |
| 3. Laser Range Finder                  |   |          |          |      |       |                              | 716          | 2272     | 0.3           | 1297       | 4117  | 0.3       |
| 4. Tool Set                            |   |          |          | 430  | 422   | 1.0                          | 489          | 467      | 1.0           | 451        | 419   | 1.1       |
| 5. Racks                               |   |          |          | 810  | 1085  | 0.7                          | 349          | 467      | 0.7           | 321        | 419   | 0.8       |
| 6. Engineering Support                 |   |          |          | 1956 |       |                              | 57           |          |               | 70         | )     |           |
| 7. Integrated Logistics Support (ILS)  |   |          |          | 696  |       |                              | 57           |          |               | 70         | )     |           |
| 8. Fielding                            |   |          |          | 879  |       |                              | 57           |          |               | 70         |       |           |
| 9. New Equipment Training (NET)        |   |          |          | 721  |       |                              | 57           |          |               | 70         | )     |           |
| Total:                                 |   |          | 3        | 0167 |       |                              | 31662        |          |               | 29923      | 3     |           |

| Exhibit P-5a, Budget Pr   | ocurement History and Planning              |                                |                                       |               |                           |             |                    | ate:<br>Iay 2009       | )                      |                      |
|---|---|--------------------------------|---------------------------------------|---------------|---------------------------|-------------|--------------------|------------------------|------------------------|----------------------|
| Appropriation/Budget Activity/Serial No:<br>Procurement of W&TCV, Army/ 2/ Weapon | weapon System Type:                         | P-1 Line Item<br>XM320 GREI    | Nomenclature:<br>NADE LAUNCHER MODULE | E (GLM) (G015 | (01)                      |             |                    |                        |                        |                      |
| WBS Cost Elements:  | Contractor and Location                     | Contract<br>Method and<br>Type | Location of PCO                       | Award Date    | Date of First<br>Delivery | QTY<br>Each | Unit Cost<br>\$000 | Specs<br>Avail<br>Now? | Date<br>Revsn<br>Avail | RFP<br>Issue<br>Date |
| 1. M320 Grenade Launcher  |   |                                |                                       |               |                           |             |                    |                        |                        |                      |
| FY 2008   | Heckler & Koch Defense, Inc<br>Ashburn, VA  | Option                         | JM&L LCMC, Picatinny,<br>NJ           | Feb 09        | May 09                    | 8457        | 1.5                |                        |                        |                      |
| FY 2009   | Heckler & Koch Defense, Inc<br>Ashburn, VA  | SS/FFP                         | JM&L LCMC, Picatinny,<br>NJ           | Aug 09        | Nov 09                    | 9342        | 1.7                | Yes                    |                        |                      |
| FY 2010   | Heckler & Koch Defense, Inc<br>Ashburn, VA  | Option                         | JM&L LCMC, Picatinny, NJ              | Jan 10        | Apr 10                    | 8383        | 1.7                | Yes                    |                        |                      |
| 2. Day Night Sight  |   |                                |                                       |               |                           |             |                    |                        |                        |                      |
| FY 2008   | Insight Technology Inc<br>Londonderry, NH   | SS/FFP                         | TACOM- Rock Island                    | Feb 09        | May 09                    | 8457        | 1.4                |                        |                        |                      |
| FY 2009   | Insight Technology Inc<br>Londonderry, NH   | SS/FFP                         | TACOM- Rock Island                    | Aug 09        | Nov 09                    | 9342        | 1.5                |                        |                        |                      |
| FY 2010   | Insight Technology Inc<br>Londonderry, NH   | Option                         | TACOM- Rock Island                    | Jan 10        | Apr 10                    | 8383        | 1.5                |                        |                        |                      |
| 3. Laser Range Finder   |   |                                |                                       |               |                           |             |                    |                        |                        |                      |
| FY 2009   | Bushnell Sports Optics<br>Overland Park, KS | SS/FPP                         | TACOM-Rock Island                     | Aug 09        | Nov 09                    | 2272        | 0.3                |                        |                        |                      |
| FY 2010   | Bushnell Sports Optics<br>Overland Park, KS | Option                         | TACOM-Rock Island                     | Jan 10        | Apr 10                    | 4117        | 0.3                |                        |                        |                      |

REMARKS: Firm Fixed Price options to an existing Soldier Enhancement Program Research & Development contract. Beginning in FY2011, the Day Night Sight and Laser Range Finder are purchased separately.

Comment: Laser Range Finder also procured as a Rapid Fielding Initiative item under Small Arms Equipment.

|  |                   |         |             |                |                |             |             |             |             |                  |                |             |             |             | P-1 ITEM NOMENCLATURE XM320 GRENADE LAUNCHER MODULE (GLM) (G01501)  Date: May 2009 |             |             |             |             |             |             |                  |             |             |             |             |             |             |             |       |
|--|-------------------|---------|-------------|----------------|----------------|-------------|-------------|-------------|-------------|------------------|----------------|-------------|-------------|-------------|--|-------------|-------------|-------------|-------------|-------------|-------------|------------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------|
| COST ELEMENTS Fiscal Year 08               |                   |         |             |                |                |             |             |             |             |                  | Fiscal Year 09 |             |             |             |  |             |             |             |             |             |             |                  |             |             |             |             |             |             |             |       |
| M  |                   | S<br>E  | PROC<br>QTY | ACCEP<br>PRIOR | BAL<br>DUE     |             |             |             |             | Calendar Year 08 |                |             |             |             |  |             |             |             |             |             |             | Calendar Year 09 |             |             |             |             |             |             |             |       |
| F<br>R                                     | FY                | R<br>V  | Each        | TO<br>1 OCT    | AS OF<br>1 OCT | O<br>C      | N<br>O      | D<br>E      | J<br>A      | F<br>E           | M<br>A         | A<br>P      | M<br>A      | J<br>U      | J<br>U   | A<br>U      | S<br>E      | O<br>C      | N<br>O      | D<br>E      | J<br>A<br>N | F<br>E           | M<br>A      | A<br>P      | M<br>A      | J<br>U      | J<br>U      | A<br>U<br>G | S<br>E      | Later |
| 1  | M320.C            | Franada | Launcher    |                |                | T           | V           | С           | N           | В                | R              | R           | Y           | N           | L  | G           | P           | T           | V           | С           | N           | В                | R           | R           | Y           | N           | L           | G           | P           |       |
|  | FY 07             | A       | 1200        | 0              | 1200           |             |             |             |             |                  |                |             |             |             | $\Box$   |             |             |             |             | A           |             |                  | 300         | 600         | 300         |             |             |             |             | 0     |
|  | FY 08             | A       | 8457        | 960            |                |             |             |             |             |                  |                |             |             |             |  |             |             |             |             |             |             | A                | 500         |             | 1000        | 1300        | 1300        | 1300        | 1300        | 1297  |
|  | FY 09             | A       | 9342        | 0              | -              |             |             |             |             |                  |                |             |             |             |  |             |             |             |             |             |             |                  |             |             |             |             |             | A           |             | 9342  |
|  | FY 10             | A       | 8383        | 0              |                |             |             |             |             |                  |                |             |             |             |  |             |             |             |             |             |             |                  |             |             |             |             |             |             |             | 8383  |
|  |                   |         |             |                |                |             |             |             |             |                  |                |             |             |             |  |             |             |             |             |             |             |                  |             |             |             |             |             |             |             |       |
|  |                   |         |             |                |                |             |             |             |             |                  |                |             |             |             |  |             |             |             |             |             |             |                  |             |             |             |             |             |             |             |       |
|  |                   |         |             |                |                |             |             |             |             |                  |                |             |             |             |  |             |             |             |             |             |             |                  |             |             |             |             |             |             |             |       |
|  |                   |         |             |                |                |             |             |             |             |                  |                |             |             |             |  |             |             |             |             |             |             |                  |             |             |             |             |             |             |             |       |
|  |                   |         |             |                |                |             |             |             |             |                  |                |             |             |             |  |             |             |             |             |             |             |                  |             |             |             |             |             |             |             |       |
|  |                   |         |             |                |                |             |             |             |             |                  |                |             |             |             |  |             |             |             |             |             |             |                  |             |             |             |             |             |             |             |       |
|  |                   |         |             |                |                |             |             |             |             |                  |                |             |             |             | ļ!   |             |             |             |             |             |             |                  |             |             |             |             |             |             |             |       |
|  |                   |         |             |                |                |             |             |             |             |                  |                |             |             |             | ļ!   |             |             |             |             |             |             |                  |             |             |             |             |             |             |             |       |
|  |                   |         |             |                |                |             |             |             |             |                  |                |             |             |             | ļ!   |             |             |             |             |             |             |                  |             |             |             |             |             |             |             |       |
|  |                   |         |             |                |                |             |             |             |             |                  |                |             |             |             |  |             |             |             |             |             |             |                  |             |             |             |             |             |             |             |       |
| Tot  | al                |         |             |                | 26422          | _           |             | _           |             |                  |                |             |             |             |  |             | _           | _           |             | _           | _           |                  | 300         | 600         | 1300        | 1300        | 1300        | 1300        | 1300        | 19022 |
|  |                   |         |             |                |                | O<br>C<br>T | N<br>O<br>V | D<br>E<br>C | J<br>A<br>N | F<br>E<br>B      | M<br>A<br>R    | A<br>P<br>R | M<br>A<br>Y | J<br>U<br>N | J<br>U<br>L  | A<br>U<br>G | S<br>E<br>P | O<br>C<br>T | N<br>O<br>V | D<br>E<br>C | J<br>A<br>N | F<br>E<br>B      | M<br>A<br>R | A<br>P<br>R | M<br>A<br>Y | J<br>U<br>N | J<br>U<br>L | A<br>U<br>G | S<br>E<br>P |       |
|  |                   |         |             |                |                |             |             |             |             |                  |                |             |             |             |  |             |             |             |             |             |             |                  |             |             |             |             |             |             |             |       |
| M  |                   |         |             |                |                |             | ]           | PRODU       | CTION       | RATES            |                |             |             |             |  | A           | DMIN I      | LEAD TIME   |             |             | MFR         |                  | TOTA        | AL          | REMA        | RKS         |             |             |             |       |
| F  |                   |         |             |                |                |             |             |             |             |                  |                | hed M       | FR          |             |  | Pric        | or 1 Oct    | After       | r 1 Oct     | Aft         | ter 1 Oct   |                  | After 1     | Oct         | _           |             |             |             |             |       |
|  | R Name - Location |         |             |                |                |             |             | MIN         | 1-8-5       | MAX              |                | +           | 1 In        | itial       |  |             | 3           |             | 5           |             | 8           |                  | 13          |             | _           |             |             |             |             |       |
| 1 Heckler & Koch Defense, Inc, Ashburn, VA |                   |         |             |                |                | 3           | 3600        | 9000        | 18000       | 6                |                | R           | eorder      |             |  | 1           |             | 3           |             | 4           |             | 7                |             | _           |             |             |             |             |             |       |
|  |                   |         |             |                |                |             |             |             |             |                  |                |             | In          | itial       |  |             |             |             |             |             |             |                  |             |             | _           |             |             |             |             |       |
|  |                   |         |             |                |                |             |             |             |             |                  | R              | eorder      |             |             |  |             |             |             |             |             |             |                  | _           |             |             |             |             |             |             |       |
|  |                   |         |             |                |                |             |             |             |             |                  |                |             | In          | itial       |  |             |             |             |             |             |             |                  |             |             | _           |             |             |             |             |       |
|  |                   |         |             |                |                |             |             |             |             |                  | 1              |             | R           | eorder      |  |             |             |             |             |             |             |                  |             |             |             |             |             |             |             |       |
|  | 1                 |         |             |                |                |             |             |             |             |                  | 1              |             | In          | itial       |  |             |             | 1           |             |             |             |                  |             |             |             |             |             |             |             |       |
|  |                   |         |             |                |                |             |             |             |             |                  | 1              |             | R           | eorder      |  |             |             |             |             |             |             |                  |             |             |             |             |             |             |             |       |
|  |                   |         |             |                |                |             |             |             |             |                  |                |             | In          | itial       |  |             |             |             |             |             |             |                  |             |             |             |             |             |             |             |       |
|  | 1                 |         |             |                |                |             |             |             |             |                  |                |             | R           | eorder      |  |             |             |             |             |             |             |                  |             |             |             |             |             |             |             |       |

|  |       |         |             |             |              |             |             |             |             |             |                |             | P-1 ITEM NOMENCLATURE XM320 GRENADE LAUNCHER MODULE (GLM) (G01501) Date: May 2009 |             |             |             |             |             |             |                  |             |             |             |             |             |             |             |             |             |       |   |
|--|-------|---------|-------------|-------------|--------------|-------------|-------------|-------------|-------------|-------------|----------------|-------------|---|-------------|-------------|-------------|-------------|-------------|-------------|------------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------|---|
| COST ELEMENTS Fiscal Year 10               |       |         |             |             |              |             |             |             |             |             | Fiscal Year 11 |             |   |             |             |             |             |             |             |                  |             |             |             |             |             |             |             |             |             |       |   |
| S PROC ACCEP BAL                           |       |         |             |             |              |             |             |             |             |             |                |             |   |             | 10          |             |             |             |             | Calendar Year 11 |             |             |             |             |             |             |             |             |             |       |   |
| M<br>F                                     | FY    | E<br>R  | QTY<br>Each | PRIOR<br>TO | DUE<br>AS OF | О           | N           | D           | J           | F           | M              | A           | M   | J           | J           | A           | S<br>E      | О           | N           | D                | J           | F           | M           | A           | M           | J           | J           | A           | S           |       |   |
| R  |       | V       |             | 1 OCT       | 1 OCT        | C<br>T      | O<br>V      | E<br>C      | A<br>N      | E<br>B      | A<br>R         | P<br>R      | A<br>Y  | U<br>N      | U<br>L      | U<br>G      | E<br>P      | C<br>T      | O<br>V      | E<br>C           | A<br>N      | E<br>B      | A<br>R      | P<br>R      | A<br>Y      | U<br>N      | U<br>L      | U<br>G      | E<br>P      | Later |   |
|  |       | Frenade | Launcher    |             |              |             |             |             |             |             |                |             | 1   |             |             |             |             |             |             |                  |             |             |             |             | 1           | 1           |             |             |             | 1     | _ |
| 1  | FY 07 | A       | 1200        | 1200        |              |             |             |             |             |             |                |             |   |             |             |             |             |             |             |                  |             |             |             |             |             |             |             |             |             | 0     |   |
| 1  | FY 08 | A       | 8457        | 7160        | 1297         | 1297        |             |             |             |             |                |             |   |             |             |             |             |             |             |                  |             |             |             |             |             |             |             |             |             | 0     |   |
| 1  | FY 09 | A       | 9342        | 0           | 9342         |             | 1300        | 1300        | 1300        | 1300        | 1300           | 1000        | 1000  | 842         |             |             |             |             |             |                  |             |             |             |             |             |             |             |             |             | 0     |   |
| 1  | FY 10 | A       | 8383        | 0           | 8383         |             |             |             | A           |             |                | 300         | 300   | 458         | 1300        | 1300        | 1300        | 1000        | 1000        | 725              | 700         |             |             |             |             |             |             |             |             | 0     | j |
|  |       |         |             |             |              |             |             |             |             |             |                |             |   |             |             |             |             |             |             |                  |             |             |             |             |             |             |             |             |             |       |   |
|  |       |         |             |             |              |             |             |             |             |             |                |             |   |             |             |             |             |             |             |                  |             |             |             |             |             |             |             |             |             |       |   |
|  |       |         |             |             |              |             |             |             |             |             |                |             |   |             |             |             |             |             |             |                  |             |             |             |             |             |             |             |             |             |       |   |
|  |       |         |             |             |              |             |             |             |             |             |                |             |   |             |             |             |             |             |             |                  |             |             |             |             |             |             |             |             |             |       |   |
|  |       |         |             |             |              |             |             |             |             |             |                |             |   |             |             |             |             |             |             |                  |             |             |             |             |             |             |             |             |             |       |   |
|  |       |         |             |             |              |             |             |             |             |             |                |             |   |             |             |             |             |             |             |                  |             |             |             |             |             |             |             |             |             |       |   |
|  |       |         |             |             |              |             |             |             |             |             |                |             |   |             |             |             |             |             |             |                  |             |             |             |             |             |             |             |             |             |       |   |
|  |       |         |             |             |              |             |             |             |             |             |                |             |   |             |             |             |             |             |             |                  |             |             |             |             |             |             |             |             |             |       |   |
|  |       |         |             |             |              |             |             |             |             |             |                |             |   |             |             |             |             |             |             |                  |             |             |             |             |             |             |             |             |             |       |   |
|  |       |         |             |             |              |             |             | <u> </u>    |             |             |                |             |   |             |             |             |             |             |             |                  |             |             |             |             |             |             |             |             |             |       |   |
| Tot  | al    |         |             |             | 19022        | 1297        | 1300        | 1300        | 1300        | 1300        | 1300           | 1300        | 1300  | 1300        | 1300        | 1300        | 1300        | 1000        | 1000        | 725              | 700         |             |             |             |             |             |             |             |             |       |   |
|  |       |         |             |             |              | O<br>C<br>T | N<br>O<br>V | D<br>E<br>C | J<br>A<br>N | F<br>E<br>B | M<br>A<br>R    | A<br>P<br>R | M<br>A<br>Y   | J<br>U<br>N | J<br>U<br>L | A<br>U<br>G | S<br>E<br>P | O<br>C<br>T | N<br>O<br>V | D<br>E<br>C      | J<br>A<br>N | F<br>E<br>B | M<br>A<br>R | A<br>P<br>R | M<br>A<br>Y | J<br>U<br>N | J<br>U<br>L | A<br>U<br>G | S<br>E<br>P |       |   |
|  |       |         |             |             |              | l .         |             |             |             |             |                |             |   | ı           | I.          | l .         |             | <u> </u>    |             |                  | L L         |             | I.          | I.          |             |             | I.          | I.          |             | I.    | ļ |
| M  |       |         |             |             |              |             | ]           | PRODU       | CTION I     | RATES       |                |             |   |             |             | A           | DMIN I      | LEAD T      | IME         |                  | MFR         |             | TOTA        | 4L          | REMA        | RKS         |             |             |             |       |   |
| F  |       |         |             |             |              |             |             |             |             |             | Reac           | hed M       | FR  |             |             | Pric        | or 1 Oct    | After       | r 1 Oct     | Aft              | er 1 Oct    |             | After 1     | Oct         |             |             |             |             |             |       |   |
| R  |       |         | Nam         | ne - Locati | on           |             | N           | MIN         | 1-8-5       | MAX         | D-             | + ]         | 1 Init  | ial         |             |             | 3           |             | 5           |                  | 8           |             | 13          |             |             |             |             |             |             |       |   |
| 1 Heckler & Koch Defense, Inc, Ashburn, VA |       |         |             |             | 3            | 3600        | 9000        | 18000       | 6           |             | Red            | order       |   |             | 1           |             | 3           |             | 4           |                  | 7           |             |             |             |             |             |             |             |             |       |   |
|  |       |         |             |             |              |             |             |             |             |             |                |             | Init  | ial         |             |             |             |             |             |                  |             |             |             |             |             |             |             |             |             |       |   |
|  |       |         |             |             |              |             |             |             |             |             |                |             | Red   | order       |             |             |             |             |             |                  |             |             |             |             |             |             |             |             |             |       |   |
|  |       |         |             |             |              |             |             |             |             |             |                |             | Init  | ial         |             |             |             |             |             |                  |             |             |             |             | 1           |             |             |             |             |       |   |
|  |       |         |             |             |              |             |             |             |             |             |                |             | Red   | order       |             |             |             |             |             |                  |             |             |             |             | 1           |             |             |             |             |       |   |
|  |       |         |             |             |              |             |             |             |             |             |                |             | Init  | ial         |             |             |             |             |             |                  |             |             |             |             |             |             |             |             |             |       |   |
|  |       |         |             |             |              |             |             |             |             |             |                |             | Red   | order       |             |             |             |             |             |                  |             |             |             |             |             |             |             |             |             |       |   |
|  |       |         |             |             |              |             |             |             |             |             |                |             | Init  | ial         |             |             |             |             |             |                  |             |             |             |             | 1           |             |             |             |             |       |   |
|  |       |         |             |             |              |             |             |             |             |             |                |             | Red   | order       |             |             |             |             |             |                  |             |             |             |             |             |             |             |             |             |       |   |

| Exhibit P-40, Budget Item Justification Sheet  Date:  May 2009                |             |        |               |                     |   |             |            |  |  |  |  |  |  |
|---|-------------|--------|---------------|---------------------|---|-------------|------------|--|--|--|--|--|--|
| Appropriation / Budget Activity / Seria<br>Procurement of W&TCV, Army / 2 / V |             | les    |               |                     | P-1 Item Nomenclature M110 SEMI-AUTOMATIC SNIPER SYSTEM (SASS) (G01505) |             |            |  |  |  |  |  |  |
| Program Elements for Code B Items:  | Code        | :<br>A | Other Related | l Program Elements: |   |             |            |  |  |  |  |  |  |
|   | Prior Years | FY     | 2008          | FY 2009             | FY 2010   | To Complete | Total Prog |  |  |  |  |  |  |
| Proc Qty  | 1273        | 3      | 801           | 439                 | 448   |             | 2961       |  |  |  |  |  |  |
| Gross Cost  | 15.5        |        | 10.4          | 7.4                 | 6.2   |             | 39.5       |  |  |  |  |  |  |
| Less PY Adv Proc  |             |        |               |                     |   |             |            |  |  |  |  |  |  |
| Plus CY Adv Proc  |             |        |               |                     |   |             |            |  |  |  |  |  |  |
| Net Proc P1   | 15.5        | ;      | 10.4          | 7.4                 | 6.2   |             | 39.5       |  |  |  |  |  |  |
| Initial Spares  |             |        |               |                     |   |             |            |  |  |  |  |  |  |
| Total Proc Cost   | 15.5        |        | 10.4          | 7.4                 | 6.2   |             | 39.5       |  |  |  |  |  |  |
| Flyaway U/C   |             |        |               |                     |   |             |            |  |  |  |  |  |  |
| Weapon System Proc U/C  | 0.0         | )      | 0.0           | 0.0                 | 0.0   |             | 0.1        |  |  |  |  |  |  |

The M110 Semi-Automatic Sniper System (SASS) is a 7.62mm rapid-fire, rapid-reload, suppressed sniper rifle. It exceeds the rate-of-fire and lethality of the existing M24 Sniper Weapon System. SASS anti-personnel ranges are equal to or greater than the M24. SASS includes an enhanced sniper spotting scope.

#### Justification:

FY10 Base procurement dollars in the amount of \$6.223 million supports the Active Army by purchasing 448 M110 SASS's to meet the Army's requirement for a more effective sniper team with improved capability to fight and survive when engaged in react-to scenarios and to support the maneuver force in a multi-shot, multi-target environment.

| Exhibit P-5, Weapon WTCV Cost Analysis | Appropriation/Budget Activity/Serial No:<br>Procurement of W&TCV, Army / 2 / Weat<br>combat vehicles | pons and |            | SEMI-AUT | menclature:<br>FOMATIC SNIPE | ER SYSTEM (SAS | SS)   | Weapon Syster | п Туре:    | Date: | May 2009  |
|--|--|----------|------------|----------|------------------------------|----------------|-------|---------------|------------|-------|-----------|
| WTCV                                   |  | ID       |            | FY 08    |                              |                | FY 09 |               |            | FY 10 |           |
| Cost Element                           | ts   | CD       | Total Cost | Qty      | Unit Cost                    | Total Cost     | Qty   | Unit Cost     | Total Cost | Qty   | Unit Cost |
|  |  |          | \$000      | Units    | \$000                        | \$000          | Units | \$000         | \$000      | Units | \$000     |
| 1. Hardware                            |  |          |            |          |                              |                |       |               |            |       |           |
| SASS Weapons                           |  | Α        | 7519       | 801      | 9.4                          | 4685           | 439   | 10.7          | 4928       | 448   | 11.0      |
| Anti Reflection Devices (ARD)          |  | Α        | 162        | 763      | 0.2                          | 112            | 508   | 0.2           | 100        | 448   | 0.2       |
| Spotting Scope Items                   |  | Α        | 728        | 763      | 1.0                          | 577            | 508   | 1.1           | 470        | 448   | 1.0       |
| 2. Shipping (GBL)                      |  |          | 60         |          |                              | 52             |       |               | 45         |       |           |
| 3. Engineering Support                 |  |          | 1019       |          |                              | 1241           |       |               | 430        |       |           |
| 4. STRICOM (MILES)                     |  |          |            |          |                              | 282            |       |               |            |       |           |
| 5. Testing                             |  |          |            |          |                              | 57             |       |               | 60         |       |           |
| 6. Integrated Logistics Support (ILS)  |  |          | 137        |          |                              | 104            |       |               | 50         |       |           |
| 7. New Equipment Training (NET)        |  |          | 606        |          |                              | 156            |       |               | 88         |       |           |
| 8. Total Package Fielding (TPF)        |  |          | 158        |          |                              | 119            |       |               | 52         |       |           |
| Total:                                 |  |          | 10389      |          |                              | 7385           |       |               | 6223       |       |           |

| Exhibit P-5a, Budget Pro   | curement History and Planning                 |                                |   |               |                           |              |                    | ate:<br>1ay 200        | 9                      |                     |
|--|---|--------------------------------|---|---------------|---------------------------|--------------|--------------------|------------------------|------------------------|---------------------|
| Appropriation/Budget Activity/Serial No:<br>Procurement of W&TCV, Army/ 2/ Weapons | and other combat vehicles Weapon System Type: |                                | Nomenclature:<br>AUTOMATIC SNIPER SYSTE | EM (SASS) (GO | 01505)                    |              |                    |                        |                        |                     |
| WBS Cost Elements:   | Contractor and Location                       | Contract<br>Method and<br>Type | Location of PCO                         | Award Date    | Date of First<br>Delivery | QTY<br>Units | Unit Cost<br>\$000 | Specs<br>Avail<br>Now? | Date<br>Revsn<br>Avail | RFI<br>Issu<br>Date |
| l. Hardware  |   |                                |   |               |                           |              |                    |                        |                        |                     |
| SASS Weapons   |   |                                |   |               |                           |              |                    |                        |                        |                     |
| FY 2008  | Knights Armaments Co.<br>Titusville, FL       | Option                         | JML LCMC,<br>Picatinny,NJ               | Sep 08        | Dec 08                    | 801          | 9.4                |                        |                        |                     |
| FY 2009  | Knights Armaments Co.<br>Titusville, FL       | Option                         | JML LCMC,<br>Picatinny,NJ               | Mar 09        | Nov 09                    | 439          | 10.7               | YES                    |                        |                     |
| FY 2010  | Knights Armaments Co.<br>Titusville, FL       | Option                         | JML LCMC,<br>Picatinny,NJ               | Jan 10        | May 10                    | 448          | 11.0               | YES                    |                        |                     |
| Anti Reflection Devices (ARD)  |   |                                |   |               |                           |              |                    |                        |                        |                     |
| FY 2008  | L3<br>Garland, TX                             | C/FFP                          | TACOM-RI,Rock Island, IL                | Jun 08        | Sep 08                    | 763          | 0.2                |                        |                        |                     |
| FY 2009  | L3<br>Garland, TX                             | Option                         | TACOM-RI,Rock Island, IL                | Nov 08        | Feb 09                    | 508          | 0.2                | YES                    |                        |                     |
| FY 2010  | L3<br>Garland, TX                             | Option                         | TACOM-RI,Rock<br>Island,IL              | Mar 10        | Jun 10                    | 448          | 0.2                | YES                    |                        |                     |
| Spotting Scope Items   |   |                                |   |               |                           |              |                    |                        |                        |                     |
| FY 2008  | Ashbury International<br>Charlottesville, VA  | Option                         | JML LCMC,Picatinny,NJ                   | Sep 08        | Mar 09                    | 763          | 1.0                |                        |                        |                     |
| FY 2009  | Ashbury International<br>Charlottesville, VA  | Option                         | JML LCMC,Picatinny,NJ                   | Feb 09        | May 09                    | 508          | 1.1                | YES                    |                        |                     |
| FY 2010  | Ashbury International<br>Charlottesville, VA  | Option                         | JML LCMC,Picatinny,NJ                   | Mar 10        | May 10                    | 448          | 1.0                | YES                    |                        |                     |

REMARKS:

|  |            | F       | FY 08 /     | ' 09 BU        | DGE            | ΓPRO        | ODU         | CTIO   | N SCI  | HEDU   | LE          |             |             | P-1 ITEN<br>M110 SE |             |             |             | ER SYS      | STEM (S     | SASS) (C    | G01505)     |             | Dat         | e:          | May 20      | 009         |             |             |             |       |
|--|------------|---------|-------------|----------------|----------------|-------------|-------------|--|--|--|-------------|-------------|-------------|---------------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------|
|  | C          | OST     | ELEM        | IENTS          |                |             |             |  |  |  | Fiscal '    | Year 08     | 3           | •                   |             |             |             |             |             |             |             |             | Fiscal Y    | ear 09      | )           |             |             |             |             |       |
| М  |            | S<br>E  | PROC<br>QTY | ACCEP<br>PRIOR | BAL<br>DUE     |             |             |  |  |  |             |             |             | Calenda             | r Year 0    | 8           | I           |             |             |             |             |             |             | Calen       | ıdar Yea    | ar 09       |             |             |             | 1     |
| F<br>R   |            | R<br>V  | Units       | TO<br>1 OCT    | AS OF<br>1 OCT | O<br>C<br>T | N<br>O<br>V | D<br>E<br>C                                      | J<br>A<br>N                                      | F<br>E<br>B                                      | M<br>A<br>R | A<br>P<br>R | M<br>A<br>Y |                     | J<br>U<br>L | A<br>U<br>G | S<br>E<br>P | O<br>C<br>T | N<br>O<br>V | D<br>E<br>C | J<br>A<br>N | F<br>E<br>B | M<br>A<br>R | A<br>P<br>R | M<br>A<br>Y | J<br>U<br>N | J<br>U<br>L | A<br>U<br>G | S<br>E<br>P | Later |
| 1.   | Hardwar    | 2       |             |                | 1              |             |             |  |  |  |             |             | <u>I</u>    |                     |             |             |             |             |             |             |             |             |             |             |             |             |             |             |             |       |
| 7.   | SASS We    | eapons  |             |                |                |             |             |  |  |  |             |             |             |                     |             |             |             |             |             |             |             |             |             |             |             |             |             |             |             |       |
| 1  | FY 07<br>P | A       | 1100        | 590            | 510            |             |             |  |  |  |             |             |             | 34                  | 100         | 100         | 76          | 75          | 75          | 50          |             |             |             |             |             |             |             | L           |             | 0     |
| 1  | FY 08      | A       | 801         | 0              | 801            |             |             | <u> </u>   |  |  |             |             |             |                     |             |             | A           |             |             | 25          | 75          | 75          | 75          | 75          | 75          | 75          | 75          | 75          | 75          |       |
| 1  |            | A       | 439         | 0              |                |             |             |  | <u> </u>   | $\sqcup$   |             |             |             |                     |             |             |             |             |             |             |             |             | A           |             |             |             |             |             |             | 439   |
| 1  | FY 10      | A       | 448         | 0              | 448            |             |             |  | <u> </u>   | $\vdash$   |             |             |             |                     |             |             |             |             |             |             |             |             |             |             |             |             |             |             |             | 448   |
|  |            |         |             |                |                |             |             | <del>                                     </del> | <u> </u>   | $\vdash \vdash$                                  |             |             |             |                     |             |             |             |             |             |             |             |             |             |             |             |             |             |             |             |       |
|  |            |         |             |                |                |             |             | <del>                                     </del> | <del>                                     </del> | $\vdash$   |             |             |             |                     |             |             |             |             |             |             |             |             |             |             |             |             |             |             |             |       |
|  |            |         |             |                |                |             |             | 1  | +  |  |             |             |             |                     |             |             |             |             |             |             |             |             |             |             |             |             |             |             |             |       |
|  |            |         |             |                |                |             |             |  |  |  |             |             |             |                     |             |             |             |             |             |             |             |             |             |             |             |             |             |             |             |       |
|  |            |         |             |                |                |             |             |  |  |  |             |             |             |                     |             |             |             |             |             |             |             |             |             |             |             |             |             |             |             |       |
|  |            |         |             |                |                |             |             |  |  | $\sqcup$   |             |             |             |                     |             |             |             |             |             |             |             |             |             |             |             |             |             |             |             |       |
| То   | tal        |         |             |                | 2198           |             |             |  | <u> </u>   |  |             |             |             | 34                  | 100         | 100         | 76          | 75          | 75          | 75          | 75          | 75          | 75          | 75          | 75          | 75          | 75          | 75          | 75          | 988   |
|  |            |         |             |                |                | O<br>C<br>T | N<br>O<br>V | D<br>E<br>C                                      | J<br>A<br>N                                      | F<br>E<br>B                                      | M<br>A<br>R | A<br>P<br>R | M<br>A<br>Y | U                   | J<br>U<br>L | A<br>U<br>G | S<br>E<br>P | O<br>C<br>T | N<br>O<br>V | D<br>E<br>C | J<br>A<br>N | F<br>E<br>B | M<br>A<br>R | A<br>P<br>R | M<br>A<br>Y | J<br>U<br>N | J<br>U<br>L | A<br>U<br>G | S<br>E<br>P |       |
|  |            |         |             |                |                |             |             |  |  |  |             |             |             | ·                   |             |             |             |             |             |             |             |             |             |             |             |             |             |             |             |       |
| M  |            |         |             |                |                |             |             | PRODU  | JCTION 1   | RATES  |             |             |             |                     |             | -           | DMIN I      | 1           |             | 4           | MFR         |             | TOTA        |             | REMA        | RKS         |             |             |             |       |
| F  |            |         |             |                |                |             |             |  |  |  |             | hed M       |             |                     |             | Prio        | r 1 Oct     |             | r 1 Oct     | Afte        | er 1 Oct    |             | After 1     |             |             |             |             |             |             |       |
| R Name - Location  1 Knights Armaments Co., Titusville, FL |            |         |             |                |                |             |             | MIN<br>508                                       | 1-8-5<br>2400                                    | MAX<br>4800                                      | D-          | +           | <b>—</b>    | nitial              |             |             | 3           |             | 6           |             | 7           |             | 13          |             |             |             |             |             |             |       |
| 1  | Knign      | is Arma | ments Co    | ., Titusviii   | ie, FL         |             |             | 308  | 2400   | 4800   |             |             | -+          | deorder<br>nitial   |             |             | 3           |             | 3           |             | 5           |             | 8           |             | -           |             |             |             |             |       |
|  |            |         |             |                |                |             |             | $\rightarrow$                                    |  |  |             |             | <b>—</b>    | Reorder             |             |             |             |             |             |             |             |             |             |             | -           |             |             |             |             |       |
|  |            |         |             |                |                |             |             |  |  | <del>                                     </del> |             |             |             | nitial              |             |             |             |             |             |             |             |             |             |             | 1           |             |             |             |             |       |
|  |            |         |             |                |                |             |             |  |  |  |             |             | R           | leorder             |             |             |             |             |             |             |             |             |             |             |             |             |             |             |             |       |
|  |            |         |             |                |                |             |             |  |  |  |             |             | Iı          | nitial              |             |             |             |             |             |             |             |             |             |             | Ī           |             |             |             |             |       |
|  |            |         |             |                |                |             |             |  |  |  |             |             | R           | leorder             | •           |             |             |             |             |             |             |             |             |             |             |             |             |             |             |       |
|  |            |         |             |                |                |             |             |  |  | <u> </u>   |             |             | <b>H</b>    | nitial              |             |             |             | 1           |             |             |             |             |             |             | 1           |             |             |             |             |       |
| l  | 1          |         |             |                |                |             | 1           |  |  | 1  | 1           | 1           | R           | eorder              |             |             |             | 1           |             | 1           |             |             |             |             | 1           |             |             |             |             |       |

|        |            | F       | FY 10 /     | 11 BU          | DGE            | ΓPRO        | ODU         | CTIO        | N SCI         | HEDU        | JLE         |             |             | P-1 ITEN<br>M110 SE |  |             |             | ER SYS      | STEM (S     | SASS) (     | G01505)     |             | Dat         | te:         | May 20      | 009         |             |             |  |          |
|--------|------------|---------|-------------|----------------|----------------|-------------|-------------|-------------|---------------|-------------|-------------|-------------|-------------|---------------------|--|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|--|----------|
|        | C          | OST     | ELEM        | ENTS           |                |             |             |             |               |             | Fiscal '    | Year 10     |             |                     |  |             |             |             |             |             |             |             | Fiscal Y    | ear 1       | ı           |             |             |             |  |          |
| M      |            | S<br>E  | PROC<br>QTY | ACCEP<br>PRIOR | BAL<br>DUE     |             |             |             |               |             |             |             |             | Calenda             | r Year 1   | .0          |             |             |             |             |             |             |             | Caler       | ndar Yea    | ar 11       |             |             |  |          |
| F<br>R | FY         | R<br>V  | Units       | TO<br>1 OCT    | AS OF<br>1 OCT | O<br>C<br>T | N<br>O<br>V | D<br>E<br>C | J<br>A<br>N   | F<br>E<br>B | M<br>A<br>R | A<br>P<br>R | M<br>A<br>Y | J<br>U<br>N         | J<br>U<br>L                                      | A<br>U<br>G | S<br>E<br>P | O<br>C<br>T | N<br>O<br>V | D<br>E<br>C | J<br>A<br>N | F<br>E<br>B | M<br>A<br>R | A<br>P<br>R | M<br>A<br>Y | J<br>U<br>N | J<br>U<br>L | A<br>U<br>G | S<br>E<br>P                                      | Later    |
| 1.     | Hardwar    | e       | <u> </u>    |                |                | 1           | l           | ı           |               |             | Į.          |             |             | 1                   |  |             |             |             |             | l           | L           |             | 1           | l           |             |             | l           |             |  | <u> </u> |
| 5      | SASS We    | eapons  |             |                |                |             |             |             |               |             |             |             |             |                     |  |             |             |             |             |             |             |             |             |             |             |             |             |             |  |          |
| 1      | FY 07<br>P | A       | 1100        | 1100           |                |             |             |             |               |             |             |             |             |                     |  |             |             |             |             |             |             |             |             |             |             |             |             |             |  | 0        |
| 1      | FY 08      | A       | 801         | 700            | 101            | 75          | 26          |             |               |             |             |             |             |                     |  |             |             |             |             |             |             |             |             |             |             |             |             |             | <u> </u>   | 0        |
| 1      |            | A       | 439         | 0              |                |             | 46          | 72          |               | 72          | 72          | 72          |             |                     | $\longmapsto$                                    |             |             |             |             |             |             |             |             |             |             |             |             |             | <u> </u>   | 0        |
| 1      | FY 10      | A       | 448         | 0              | 448            |             |             |             | A             |             |             |             | 17          | 50                  | 50   | 50          | 50          | 50          | 50          | 50          | 50          | 31          |             |             |             |             |             |             | <del> </del>                                     | 0        |
|        |            |         |             |                |                |             |             |             |               |             |             |             |             |                     | <del>                                     </del> |             |             |             |             |             |             |             |             |             |             |             |             |             | <del>                                     </del> |          |
|        |            |         |             |                |                |             |             |             |               |             |             |             |             |                     |  |             |             |             |             |             |             |             |             |             |             |             |             |             |  |          |
|        |            |         |             |                |                |             |             |             |               |             |             |             |             |                     |  |             |             |             |             |             |             |             |             |             |             |             |             |             |  |          |
|        |            |         |             |                |                |             |             |             |               |             |             |             |             |                     |  |             |             |             |             |             |             |             |             |             |             |             |             |             |  |          |
|        |            |         |             |                |                |             |             |             |               |             |             |             |             |                     |  |             |             |             |             |             |             |             |             |             |             |             |             |             |  |          |
|        |            |         |             |                |                |             |             |             |               |             |             |             |             |                     | <b> </b>   |             |             |             |             |             |             |             |             |             |             |             |             |             | <b> </b>   |          |
| To     | tal        |         |             |                | 988            | 75<br>O     | 72          | 72          | 72            | 72          | 72          | 72          | 50          | 50                  | 50   | 50          | 50          | 50          | 50          | 50          | 50          | 31<br>F     |             |             |             |             |             |             | -  |          |
|        |            |         |             |                |                | C<br>T      | N<br>O<br>V | D<br>E<br>C | J<br>A<br>N   | F<br>E<br>B | M<br>A<br>R | A<br>P<br>R | M<br>A<br>Y | J<br>U<br>N         | J<br>U<br>L                                      | A<br>U<br>G | S<br>E<br>P | O<br>C<br>T | N<br>O<br>V | D<br>E<br>C | J<br>A<br>N | E<br>B      | M<br>A<br>R | A<br>P<br>R | M<br>A<br>Y | J<br>U<br>N | U<br>L      | A<br>U<br>G | S<br>E<br>P                                      |          |
|        |            |         |             |                |                |             |             |             |               |             |             |             |             |                     |  |             |             |             |             |             |             |             |             |             |             |             |             |             |  |          |
| M      |            |         |             |                |                |             |             | PRODU       | ICTION 1      | RATES       |             |             |             |                     |  | A           | DMIN I      | EAD T       | IME         |             | MFR         |             | TOTA        | AL          | REMA        | RKS         |             |             |  |          |
| F      |            |         |             |                |                |             |             |             |               |             |             | hed M       |             |                     |  | Prio        | or 1 Oct    |             | r 1 Oct     | Aft         | er 1 Oct    |             | After 1     |             |             |             |             |             |  |          |
| R<br>1 |            |         |             | e - Locati     |                |             |             | MIN<br>508  | 1-8-5<br>2400 | MAX<br>4800 | D-          | - 1         | <u> </u>    |                     |  |             | 3           |             | 6           |             | 7           |             | 13          |             | -           |             |             |             |  |          |
| 1      | Knign      | is Arma | ments Co.   | ., Titusvill   | ie, FL         |             |             | 308         | 2400          | 4800        |             |             | Re<br>Ini   | order               |  |             | 3           |             | 3           |             | 5           |             | 8           |             | -           |             |             |             |  |          |
|        |            |         |             |                |                |             |             |             |               |             |             |             |             | order               |  |             |             |             |             |             |             |             |             |             | -           |             |             |             |  |          |
|        |            |         |             |                |                |             |             |             |               |             |             |             | Ini         |                     |  |             |             |             |             |             |             |             |             |             |             |             |             |             |  |          |
|        | 1          |         |             |                |                |             |             |             |               |             | 1           |             |             | order               |  |             |             |             |             |             |             |             |             |             | 1           |             |             |             |  |          |
|        |            |         |             |                |                |             |             |             |               |             |             |             | Ini         | tial                |  |             |             |             |             |             |             |             |             |             | 1           |             |             |             |  |          |
|        |            |         |             |                |                |             |             |             |               |             |             |             | Re          | order               |  |             |             |             |             |             |             |             |             |             |             |             |             |             |  |          |
|        | 1          |         |             |                |                |             |             |             |               |             | 1           |             | Ini         |                     |  |             |             | 1           |             |             |             |             |             |             | 1           |             |             |             |  |          |
|        | 1          |         |             |                |                |             | 1           |             |               | 1           | - 1         |             | Re          | order               |  | 1           |             | 1           |             | 1           |             | 1           |             |             | 1           |             |             |             |  |          |

|        |            |         | FY 12 / 13 BUDGET PRODUCTION SCHEDULE P-1 ITEM NOMENCLATURE M110 SEMI-AUTOMATIC SNIPER SYSTEM  T ELEMENTS Fiscal Year 12 |                |                |             |             |             |               |               |             |             |             |                 |             |             |             |             |             |             |             |             |             |             |             |                        |             |             |  |       |   |
|--------|------------|---------|--|----------------|----------------|-------------|-------------|-------------|---------------|---------------|-------------|-------------|-------------|-----------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|------------------------|-------------|-------------|--|-------|---|
|        |            | I       | FY 12  | 13 BU          | J <b>DGE</b> T | ΓPRO        | ODU         | CTIO        | N SCI         | HEDU          | LE          |             |             |                 |             |             |             | ER SYS      | STEM (S     | SASS) (0    | G01505)     |             | Dat         |             | May 20      | )09                    |             |             |  |       |   |
|        | C          | OST     | ELEM   | IENTS          |                |             |             |             |               |               | Fiscal Y    | ear 12      |             |                 |             |             |             |             |             |             |             |             | Fiscal Y    | ear 13      | 1           |                        |             |             |  |       |   |
| M      |            | S<br>E  | PROC<br>QTY  | ACCEP<br>PRIOR | BAL<br>DUE     |             |             |             |               |               |             |             |             | Calenda         | ar Year 1   | 2           |             |             |             |             |             |             |             | Calen       | dar Yea     | ır 13                  |             |             |  |       |   |
| F<br>R |            | R<br>V  | Units  | TO<br>1 OCT    | AS OF<br>1 OCT | O<br>C<br>T | N<br>O<br>V | D<br>E<br>C | J<br>A<br>N   | F<br>E<br>B   | M<br>A<br>R | A<br>P<br>R | M<br>A<br>Y | J<br>U<br>N     | J<br>U<br>L | A<br>U<br>G | S<br>E<br>P | O<br>C<br>T | N<br>O<br>V | D<br>E<br>C | J<br>A<br>N | F<br>E<br>B | M<br>A<br>R | A<br>P<br>R | M<br>A<br>Y | J<br>U<br>N            | J<br>U<br>L | A<br>U<br>G | S<br>E<br>P                                      | Later |   |
| 1.     | Hardwar    | e       | 1  | <u>I</u>       |                |             |             |             |               | <u> </u>      | I           |             | l           |                 | 1           |             |             |             | l           |             |             |             |             |             | l           |                        | L           |             |  |       |   |
|        | SASS W     | eapons  |  |                |                |             |             |             |               |               |             |             |             |                 |             |             |             |             |             |             |             |             |             |             |             |                        |             |             |  |       |   |
| 1      | FY 07<br>P | A       | 1100   | 1100           |                |             |             |             |               |               |             |             |             |                 |             |             |             |             |             |             |             |             |             |             |             |                        |             |             |  | 0     |   |
| 1      | FY 08      | A       | 801  | 801            |                |             |             |             |               |               |             |             |             |                 |             |             |             |             |             |             |             |             |             |             |             |                        |             |             |  | 0     |   |
| 1      | FY 09      | A       | 439  | 439            |                |             |             | <u> </u>    |               | $\sqcup$      |             |             |             |                 |             | ļ           |             |             |             |             |             |             |             |             |             | <u> </u>               | <u> </u>    | <u> </u>    | <u> </u>   | 0     |   |
| 1      | FY 10      | A       | 448  | 448            |                |             |             |             |               | $\sqcup$      |             |             |             |                 |             | ļ           |             |             |             |             |             |             |             |             |             | <u> </u>               | <u> </u>    |             | <u> </u>   | 0     | _ |
|        |            |         |  |                |                |             |             |             |               | $\longmapsto$ |             |             |             |                 | <u> </u>    |             |             |             |             |             |             |             |             |             |             | $\vdash \vdash$        | <del></del> |             | <del>                                     </del> |       | = |
|        |            |         |  |                |                |             |             | +           | +             | $\vdash$      |             |             |             | +-              | -           |             |             |             |             |             |             |             |             |             |             | $\vdash \vdash \vdash$ | $\vdash$    |             | $\vdash$   |       | - |
|        |            |         |  |                |                |             |             | -           | +             | $\vdash$      |             |             |             | +               | $\vdash$    |             |             |             |             |             |             |             |             |             |             | $\vdash \vdash$        |             |             |  |       | - |
|        |            |         |  |                |                |             |             | 1           |               |               |             |             |             | 1               |             |             |             |             |             |             |             |             |             |             |             |                        |             |             |  |       | - |
|        |            |         |  |                |                |             |             |             |               |               |             |             |             |                 |             |             |             |             |             |             |             |             |             |             |             |                        |             |             |  |       | • |
|        |            |         |  |                |                |             |             |             |               |               |             |             |             |                 |             |             |             |             |             |             |             |             |             |             |             |                        |             |             |  |       |   |
| То     | tal        |         |  |                |                |             |             | <u> </u>    |               | $\sqcup$      |             |             |             |                 |             |             |             |             |             |             |             |             |             |             |             | <u> </u>               | <u> </u>    |             | <u> </u>   |       | _ |
|        |            |         |  |                |                | O<br>C<br>T | N<br>O<br>V | D<br>E<br>C | J<br>A<br>N   | F<br>E<br>B   | M<br>A<br>R | A<br>P<br>R | M<br>A<br>Y | J<br>U<br>N     | J<br>U<br>L | A<br>U<br>G | S<br>E<br>P | O<br>C<br>T | N<br>O<br>V | D<br>E<br>C | J<br>A<br>N | F<br>E<br>B | M<br>A<br>R | A<br>P<br>R | M<br>A<br>Y | J<br>U<br>N            | U<br>L      | A<br>U<br>G | S<br>E<br>P                                      |       |   |
|        |            |         |  |                |                |             |             |             |               |               |             |             |             |                 |             |             |             |             |             |             |             |             |             |             |             |                        |             |             |  |       | - |
| M      |            |         |  |                |                |             |             | PRODU       | JCTION I      | RATES         |             |             |             |                 |             | -           | DMIN I      | _           |             |             | MFR         |             | TOTA        |             | REMA        | RKS                    |             |             |  |       |   |
| F      |            |         | N.Y  | τ              |                | M           | 105         | MAN         |               | ned M         |             |             |             | Pric            | or 1 Oct    |             | r 1 Oct     | Aft         | ter 1 Oct   | _           | After 1     |             |             |             |             |                        |             |             |  |       |   |
| R<br>1 |            | to Armo |  | e - Locati     |                |             |             | MIN<br>508  | 1-8-5<br>2400 | MAX<br>4800   | D+          |             | -           | itial<br>eorder |             |             | 3           |             | 3           |             | 7<br>5      |             | 13          |             |             |                        |             |             |  |       |   |
| 1      | Kiligii    | us Aima | illicitis Co   | ., Titusvii    | ic, i L        |             |             | 300         | 2400          | +600          |             |             |             | itial           |             | +           | 3           |             | 3           |             | 3           | +           | 0           |             |             |                        |             |             |  |       |   |
|        |            |         |  |                |                |             |             |             |               |               |             |             | -           | eorder          |             | +-          |             |             |             |             |             |             |             |             |             |                        |             |             |  |       |   |
|        |            |         |  |                |                |             |             |             | -             |               |             |             |             | itial           |             | 1           |             |             |             |             |             |             |             |             |             |                        |             |             |  |       |   |
|        |            |         |  |                |                |             |             |             |               |               |             |             | Re          | eorder          | -           | 1           |             |             |             |             |             |             |             |             |             |                        |             |             |  |       |   |
|        |            |         |  |                |                |             |             |             |               |               |             |             | In          | itial           |             |             |             |             |             |             |             |             |             |             |             |                        |             |             |  |       |   |
|        |            |         |  |                |                |             |             |             |               | <u> </u>      |             |             | Re          | eorder          |             | $\perp$     |             |             |             |             |             |             |             |             |             |                        |             |             |  |       |   |
|        |            |         |  |                |                |             |             |             |               | <u> </u>      |             | _           | -           | itial           |             | $+\!\!-$    |             |             |             |             |             | $\perp$     |             |             | 1           |                        |             |             |  |       |   |
|        | 1          |         |  |                |                |             |             |             |               | 1             | 1           | 1           | ID.         | vordor          |             | 1           |             | 1           |             | 1           |             | - 1         |             |             | 1           |                        |             |             |  |       |   |

| Exhibit P-40, Budget Item   | Justification She | et     |              |                                 |         | Date:       | ay 2009    |
|---|-------------------|--------|--------------|---------------------------------|---------|-------------|------------|
| Appropriation / Budget Activity / Seria<br>Procurement of W&TCV, Army / 2 / V |                   | nicles |              | P-1 Item Nomencla<br>M4 Carbine |         |             |            |
| Program Elements for Code B Items:  | Со                | de:    | Other Relate | d Program Elements:             |         |             |            |
|   | Prior Years       | ]      | FY 2008      | FY 2009                         | FY 2010 | To Complete | Total Prog |
| Proc Qty  | 3320              | 76     | 112423       | 88964                           | 12000   |             | 545463     |
| Gross Cost  | 322               | 2.0    | 178.3        | 150.6                           | 20.5    |             | 671.5      |
| Less PY Adv Proc  |                   |        |              |                                 |         |             |            |
| Plus CY Adv Proc  |                   |        |              |                                 |         |             |            |
| Net Proc P1   | 322               | 2.0    | 178.3        | 150.6                           | 20.5    |             | 671.5      |
| Initial Spares  |                   |        |              |                                 |         |             |            |
| Total Proc Cost   | 322               | 2.0    | 178.3        | 150.6                           | 20.5    |             | 671.5      |
| Flyaway U/C   |                   |        |              |                                 |         |             |            |
| Weapon System Proc U/C  | (                 | 0.0    | 0.0          | 0.0                             | 0.0     |             | 0.0        |

The M4 Carbine is a 5.56mm, gas-operated, air-cooled, magazine-fed, selective-rate, shoulder-fired weapon. It is fed by a 30-round magazine and has continued to replace all M3A1 WWII era .45 Cal Submachine guns, select M16 series rifles, and select M9 pistols. It provides the individual Soldier operating in close quarters the capability to engage targets at extended ranges with accurate lethal fire. More compact than the M16 series rifle and featuring a collapsible stock, it achieves over 85% commonality with the M16A4 Rifle. The M4 carbine also includes a Combat Optic and the Modular Weapon System (MWS) which provides six (6) additional magazines, the M4 Rail Assembly System and the Back-up Iron Sight.

## Justification:

FY10 Base procurement dollars in the amount of \$20.500 million supports the National Guard and Army Reserve by purchasing 12,000 M4 Carbines and Combat Optics. The M4 Carbine provides Soldiers with a small, lightweight weapon that can provide better self-protection and additional firepower in close quarters.

|        |             | FY2008             | FY2009        | FY2010   |
|--------|-------------|--------------------|---------------|----------|
| Active | Qty<br>Cost | 70408<br>\$113.060 | 59195<br>\$79 | .842     |
| NG     | Qty         | 39201              | 21507         | 3062     |
|        | Cost        | \$60.606           | \$61.055      | \$9.966  |
| AR     | Qty         | 2814               | 8262          | 8938     |
|        | Cost        | \$4.675            | \$9.713       | \$10.534 |

Item No. 29 Page 1 of 7 174 Exhibit P-40 Budget Item Justification Sheet

| Exhibit P-5, Weapon WTCV Cost Analysis  Appropriation/Budget Act Procurement of W&TC combat vehicles | ivity/Serial No:<br>V, Army / 2 / Weapons a |         | P-1 Line Item<br>M4 Carbine ( | Nomenclature:<br>314904) |           |       |       | Weapon Syste | m Type:    | Date: | May 2009  |
|--|---|---------|-------------------------------|--------------------------|-----------|-------|-------|--------------|------------|-------|-----------|
| WTCV   | ID  |         | FY (                          | 8                        |           | ]     | FY 09 |              |            | FY 10 |           |
| <b>Cost Elements</b>   | CD  | Total C | Cost Qty                      | Unit Co:                 | t Total C | Cost  | Qty   | Unit Cost    | Total Cost | Qty   | Unit Cost |
|  |   | \$000   | ) Eacl                        | \$000                    | \$00      | 00    | Each  | \$000        | \$000      | Each  | \$000     |
| 1. M4 Carbine  | A   | 13      | 33753 1124                    | 23                       | 1.2       | 14262 | 88964 | 1.3          | 15300      | 12000 | 1.3       |
| 2. Combat Optics   |   | 3       | 33401 1124                    | 23                       | 0.3       | 31260 | 88964 | 0.4          | 420        | 12000 | 0.4       |
| 3. Engineering Support   |   |         | 7321                          |                          |           | 3735  |       |              | 746        | 5     |           |
| 4. Integrated Logistics Support  |   |         | 1183                          |                          |           | 451   |       |              | 83         | 3     |           |
| 5. Fielding/Transportation   |   |         | 1183                          |                          |           | 451   |       |              | 83         | 3     |           |
| 8. Engineer Tests  |   |         | 1500                          |                          |           | 451   |       |              | 83         | 3     |           |
| Total:   |   | 17      | 78341                         |                          | 1:        | 50610 |       |              | 20500      |       |           |

| Exhibit P-5a, Budget Pro   | curement History          | y and Planning          |                                |                              |            |                           |             |                    | ate:<br>Iay 2009       | 9                      |                      |
|--|---------------------------|-------------------------|--------------------------------|------------------------------|------------|---------------------------|-------------|--------------------|------------------------|------------------------|----------------------|
| Appropriation/Budget Activity/Serial No:<br>Procurement of W&TCV, Army/ 2/ Weapons |                           | Weapon System Type:     | P-1 Line Item<br>M4 Carbine (0 |                              |            |                           |             |                    |                        |                        |                      |
| WBS Cost Elements:   |                           | Contractor and Location | Contract<br>Method and<br>Type | Location of PCO              | Award Date | Date of First<br>Delivery | QTY<br>Each | Unit Cost<br>\$000 | Specs<br>Avail<br>Now? | Date<br>Revsn<br>Avail | RFF<br>Issue<br>Date |
| 1. M4 Carbine  |                           |                         |                                |                              |            |                           |             |                    |                        |                        |                      |
| FY 2008  | Colt's Mfg<br>Hartford, C |                         | Option                         | TACOM-RI, Rock<br>Island, IL | Dec 07     | Oct 08                    | 112423      | 1.2                |                        |                        |                      |
| FY 2009  | Colt's Mfg<br>Hartford, C |                         | Option                         | TACOM-RI, Rock<br>Island, IL | Nov 08     | Oct 09                    | 29290       | 1.3                |                        |                        |                      |
| FY 2009  | Colt's Mfg<br>Hartford, C |                         | Option                         | TACOM-RI, Rock<br>Island, IL | Sep 09     | Jan 10                    | 59674       | 1.3                | Yes                    |                        |                      |
| FY 2010  | Colt's Mfg<br>Hartford, C |                         | Option                         | TACOM-RI, Rock<br>Island, IL | Jan 10     | Aug 10                    | 12000       | 1.3                | Yes                    |                        |                      |
| 2. Combat Optics   |                           |                         |                                |                              |            |                           |             |                    |                        |                        |                      |
| FY 2008  | Colt's Mfg<br>Hartford, C |                         | Option                         | JM&L LCMC, Picatinny,<br>NJ  | Jun 09     | Jul 09                    | 112423      | 0.3                |                        |                        |                      |
| FY 2009  | Colt's Mfg<br>Hartford, C |                         | Option                         | JM&L LCMC, Picatinny,<br>NJ  | Aug 09     | Sep 09                    | 88964       | 0.4                | Yes                    |                        |                      |
| FY 2010  | Colt's Mfg<br>Hartford, C |                         | Option                         | JM&L LCMC, Picatinny,<br>NJ  | Jan 10     | Feb 10                    | 12000       | 0.4                | Yes                    |                        |                      |

REMARKS:

|        |             | I       | FY 08 /     | 09 BU          | J <b>DGE</b> T | Γ PR(       | ODUC        | CTIO        | N SCI       | HEDU        | LE          |             |             | P-1 ITEM<br>M4 Carbi |             |             | ΓURE        |             |             |             |             |             | Date        |             | May 20      | )09         |             |             |             |          |
|--------|-------------|---------|-------------|----------------|----------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|----------------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|----------|
|        | C           | OST     | ELEM        | IENTS          | }              |             |             |             |             |             | Fiscal Y    | ear 08      | •           |                      |             |             |             |             |             |             |             | ]           | Fiscal Y    | ear 09      |             |             |             |             |             |          |
| M      |             | S<br>E  | PROC<br>QTY | ACCEP<br>PRIOR | BAL<br>DUE     |             |             |             |             |             |             |             |             | Calenda              | r Year 0    | 08          |             |             |             |             |             |             |             | Calen       | dar Yea     | ır 09       |             |             |             |          |
| F<br>R | FY          | R<br>V  | Each        | TO<br>1 OCT    | AS OF<br>1 OCT | O<br>C<br>T | N<br>O<br>V | D<br>E<br>C | J<br>A<br>N | F<br>E<br>B | M<br>A<br>R | A<br>P<br>R | M<br>A<br>Y | J<br>U<br>N          | J<br>U<br>L | A<br>U<br>G | S<br>E<br>P | O<br>C<br>T | N<br>O<br>V | D<br>E<br>C | J<br>A<br>N | F<br>E<br>B | M<br>A<br>R | A<br>P<br>R | M<br>A<br>Y | J<br>U<br>N | J<br>U<br>L | A<br>U<br>G | S<br>E<br>P | Later    |
| 1 N    | M4 Carl     | nine    |             |                |                | 1           | •           |             | 11          | ь           | K           | K           | -           | 11                   |             | G           | 1           |             | •           | C           | 14          | ь           | K           | K           |             | - 14        | L           | - 0         |             | <u> </u> |
| 1 I    | Y 07<br>& P | A       | 80542       | 3000           | 77542          | 3000        | 4000        | 4000        | 5000        | 6000        | 7000        | 8000        | 8000        | 8000                 | 8000        | 8000        | 8542        |             |             |             |             |             |             |             |             |             |             |             |             | 0        |
|        | Y 08        | A       | 112423      | 0              | 112423         |             |             | A           |             |             |             |             |             |                      |             |             |             | 8778        | 9024        | 9024        | 9024        | 9128        | 9127        | 9217        | 9217        | 9320        | 9531        | 9198        | 9198        | 2637     |
|        | Y 09        | A       | 29290       | 0              | 29290          |             |             |             |             |             |             |             |             |                      |             |             |             |             | A           |             |             |             |             | ,           |             |             |             |             |             | 29290    |
| -      | Y 09        | A       | 59674       | 0              | 59674          |             |             |             |             |             |             |             |             |                      |             |             |             |             |             |             |             |             |             |             |             |             | -           |             | A           | 59674    |
| 1 I    | Y 10        | A       | 12000       | 0              | 12000          |             |             |             |             |             |             |             |             |                      |             |             |             |             |             |             |             |             |             |             |             |             |             |             |             | 12000    |
| 1 F    | FY 08       | AF      | 13864       | 0              | 13864          |             |             |             |             |             |             |             |             |                      | 18          |             |             |             | 32          | 300         | 350         | 177         |             |             |             |             |             |             |             | 12987    |
| 1 F    | Y 10        | AF      | 338         | 0              | 338            |             |             |             |             |             |             |             |             |                      |             |             |             |             |             |             |             |             |             |             |             |             |             |             |             | 338      |
| 1 I    | FY 08       | FMS     | 13512       | 0              | 13512          |             |             |             |             |             |             |             |             |                      |             |             |             |             | 754         | 783         | 800         | 874         | 600         | 650         | 500         | 500         | 500         | 1000        | 1000        | 5551     |
| 1 F    | Y 09        | FMS     | 0           | 0              |                |             |             |             |             |             |             |             |             |                      |             |             |             |             |             |             |             |             |             |             |             |             |             |             |             | 0        |
| 1 I    | Y 10        | FMS     | 20000       | 0              | 20000          |             |             |             |             |             |             |             |             |                      |             |             |             |             |             |             |             |             |             |             |             |             |             |             |             | 20000    |
| 1 I    | FY 08       | MC      | 9204        | 0              | 9204           |             |             | <u> </u>    |             |             |             |             |             |                      |             |             |             |             |             |             |             | 64          | 617         | 618         | 1115        | 1276        | 1278        | 1200        | 1200        | 1836     |
| -      | FY 09       | MC      | 8125        | 0              | 8125           |             |             | <u> </u>    |             |             |             |             |             |                      | ļ           |             |             |             |             |             |             |             |             |             | <b></b>     |             |             |             |             | 8125     |
| 1 I    | Y 10        | MC      | 9570        | 0              | 9570           |             |             | <u> </u>    |             |             |             |             |             |                      | ļ           |             |             |             |             |             |             |             |             |             | <b></b>     |             |             |             |             | 9570     |
|        |             |         |             |                |                | O<br>C<br>T | N<br>O<br>V | D<br>E<br>C | J<br>A<br>N | F<br>E<br>B | M<br>A<br>R | A<br>P<br>R | M<br>A<br>Y | J<br>U<br>N          | J<br>U<br>L | A<br>U<br>G | S<br>E<br>P | O<br>C<br>T | N<br>O<br>V | D<br>E<br>C | J<br>A<br>N | F<br>E<br>B | M<br>A<br>R | A<br>P<br>R | M<br>A<br>Y | J<br>U<br>N | J<br>U<br>L | A<br>U<br>G | S<br>E<br>P |          |
|        |             |         |             |                |                |             |             |             |             | •           |             |             |             |                      |             | 1           |             |             |             | 1           |             |             |             |             |             |             |             |             |             |          |
| M      |             |         |             |                |                |             | I           | PRODU       | CTION       | RATES       |             |             |             |                      |             |             | DMIN I      | _           |             | 4           | MFR         |             | TOTA        |             | REMA        | RKS         |             |             |             |          |
| F      |             |         |             |                |                |             |             |             |             |             |             | ned MI      |             |                      |             | Pri         | or 1 Oct    |             | r 1 Oct     | Aft         | er 1 Oct    |             | After 1     | Oct         | -           |             |             |             |             |          |
| R      | G 141 3     | 16. 6   |             | e - Locati     | on             |             |             |             | 1-8-5       | MAX         | D+          |             |             |                      |             |             | 5           |             | 3           |             | 8           |             | 11          |             | _           |             |             |             |             |          |
| 1      | Colt's      | viig Co | . Inc, Har  | tiora, C1      |                |             | 1.          | 2000        | 36000       | 144000      | 18          |             | _           | order                |             |             | 2           |             | 4           |             | 7           |             | 11          |             | -           |             |             |             |             |          |
|        |             |         |             |                |                |             |             |             |             |             |             |             | Init        |                      |             |             |             |             |             |             |             |             |             |             | -           |             |             |             |             |          |
|        |             |         |             |                |                |             |             |             |             |             |             | _           | Init        | order                |             | -           |             |             |             |             |             |             |             |             | -           |             |             |             |             |          |
|        |             |         |             |                |                |             |             |             |             |             |             |             |             | order                |             |             |             |             |             |             |             |             |             |             |             |             |             |             |             |          |
|        |             |         |             |                |                |             | -+          | $\dashv$    |             |             |             | $\dashv$    | Init        |                      |             | +           |             | 1           |             | -           |             | -           |             |             | -           |             |             |             |             |          |
|        |             |         |             |                |                |             |             | $\dashv$    |             |             |             |             |             | order                |             |             |             | 1           |             |             |             |             |             |             |             |             |             |             |             |          |
|        |             |         |             |                |                |             |             | $\dashv$    |             |             |             |             | Init        |                      | -           |             |             |             |             |             |             |             |             |             |             |             |             |             |             |          |
|        |             |         |             |                |                |             |             |             |             |             |             |             | _           | order                |             | +           |             | 1           |             |             |             |             |             |             | 1           |             |             |             |             |          |

G14904 M4 Carbine Item No. 29 Page 4 of 7 177 Exhibit P-21 Production Schedule

|        |          | F       | Y 08        | / 09 BU        | DGE            | ΓPRO        | ODU         | CTIO          | N SC        | HEDU        | JLE         |             |             | P-1 ITEN<br>M4 Carb | M NOMI<br>ine (G14 | ENCLA<br>904) | ΓURE        |             |             |             |             |             | Dat         |             | May 20      | 009         |             |             |             |        |
|--------|----------|---------|-------------|----------------|----------------|-------------|-------------|---------------|-------------|-------------|-------------|-------------|-------------|---------------------|--------------------|---------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|--------|
|        | CO       | )ST I   | ELEN        | 1ENTS          |                |             |             |               |             |             | Fiscal '    | Year 08     |             |                     |                    |               |             |             |             |             |             | ]           | Fiscal Y    | ear 09      |             |             |             |             |             |        |
| М      |          | S<br>E  | PROC<br>QTY | ACCEP<br>PRIOR | BAL<br>DUE     |             |             |               |             |             |             |             |             | Calenda             | r Year (           | 08            |             | l           |             |             |             |             |             | Calen       | dar Yea     | r 09        |             |             |             |        |
| F<br>R | FY       | R<br>V  | Each        | TO<br>1 OCT    | AS OF<br>1 OCT | O<br>C<br>T | N<br>O<br>V | D<br>E<br>C   | J<br>A<br>N | F<br>E<br>B | M<br>A<br>R | A<br>P<br>R | M<br>A<br>Y | J<br>U<br>N         | J<br>U<br>L        | A<br>U<br>G   | S<br>E<br>P | O<br>C<br>T | N<br>O<br>V | D<br>E<br>C | J<br>A<br>N | F<br>E<br>B | M<br>A<br>R | A<br>P<br>R | M<br>A<br>Y | J<br>U<br>N | J<br>U<br>L | A<br>U<br>G | S<br>E<br>P | Later  |
|        |          |         |             |                |                |             |             |               |             |             |             |             |             |                     |                    |               |             |             |             |             |             |             |             |             |             |             |             |             |             |        |
|        |          |         |             |                |                |             |             |               |             |             |             |             |             |                     |                    |               |             |             |             |             |             |             |             |             |             |             |             |             |             |        |
|        |          |         |             |                |                |             |             |               |             |             |             |             |             |                     |                    |               |             |             |             |             |             |             |             |             |             |             |             |             |             |        |
|        |          |         |             |                |                |             |             | <u> </u>      |             |             |             |             |             |                     |                    |               |             |             |             |             |             |             |             |             |             |             |             |             |             |        |
|        |          |         |             |                |                |             |             |               |             |             |             |             |             |                     |                    |               |             |             |             |             |             |             |             |             |             |             |             |             |             |        |
| _      |          |         |             |                |                |             |             |               |             |             |             |             |             |                     |                    |               |             |             |             |             |             |             |             |             |             |             |             |             |             |        |
|        |          |         |             |                |                |             |             |               |             |             |             |             |             |                     |                    |               |             |             |             |             |             |             |             |             |             |             |             |             |             |        |
|        |          |         |             |                |                |             |             |               |             |             |             |             |             |                     |                    |               |             |             |             |             |             |             |             |             |             |             |             |             |             |        |
|        |          |         |             |                |                |             |             |               |             |             |             |             |             |                     |                    |               |             |             |             |             |             |             |             |             |             |             |             |             |             |        |
|        |          |         |             |                |                |             |             |               |             |             |             |             |             |                     |                    |               |             |             |             |             |             |             |             |             |             |             |             |             |             |        |
|        |          |         |             |                |                |             |             | ļ             |             |             |             |             |             |                     |                    |               |             |             |             |             |             |             |             |             |             |             |             |             |             |        |
|        |          |         |             |                |                |             |             | <u> </u>      |             |             |             |             |             |                     |                    |               |             |             |             |             |             |             |             |             |             |             |             |             |             |        |
|        |          |         |             |                |                |             |             |               |             |             |             |             |             |                     |                    |               |             |             |             |             |             |             |             |             |             |             |             |             |             |        |
| ot     | a1       |         |             |                | 365542         | 3000        | 4000        | 4000          | 5000        | 6000        | 7000        | 8000        | 8000        | 8000                | 8018               | 8000          | 8542        | 8778        | 9810        | 10107       | 10174       | 10243       | 10344       | 10485       | 10832       | 11096       | 11309       | 11398       | 11398       | 162008 |
| . Ot   | aı       |         |             | 1              | 303342         | 0           | 4000<br>N   | D             | J           | F           | /000        | A           | M           | J                   | J                  | A             | S S         | 0           | 9810<br>N   | D           | J           | F           | M           | A           | M           | J           | J           | A           | S S         | 102008 |
|        |          |         |             |                |                | C<br>T      | O<br>V      | E<br>C        | A<br>N      | E<br>B      | A<br>R      | P<br>R      | A<br>Y      | U<br>N              | U<br>L             | U<br>G        | E<br>P      | C<br>T      | O<br>V      | E<br>C      | A<br>N      | E<br>B      | A<br>R      | P<br>R      | A<br>Y      | U<br>N      | U<br>L      | U<br>G      | E<br>P      |        |
|        |          |         |             |                |                |             |             |               |             |             |             |             |             |                     |                    |               |             |             |             |             |             |             |             |             |             |             |             |             |             |        |
| M      |          |         |             |                |                |             |             | PRODU         | ICTION      | RATES       |             |             |             |                     |                    | A             | DMIN I      | LEAD T      | IME         |             | MFR         |             | TOTA        | AL          | REMA        | RKS         |             |             |             |        |
| F      |          |         |             |                |                |             |             |               |             |             |             | hed M       |             |                     |                    | Prio          | or 1 Oct    |             | r 1 Oct     | Aft         | er 1 Oct    |             | After 1     |             |             |             |             |             |             |        |
| R      |          |         |             | ne - Locati    | on             |             |             | MIN           | 1-8-5       | MAX         | _           |             |             | tial                |                    |               | 5           |             | 3           |             | 8           |             | 11          |             |             |             |             |             |             |        |
| 1      | Colt's I | 4fg Co. | Inc, Har    | tford, CT      |                |             | 1           | 2000          | 36000       | 14400       | ) 18        | 3           | _           | order               |                    |               | 2           |             | 4           |             | 7           |             | 11          |             |             |             |             |             |             |        |
|        |          |         |             |                |                |             |             |               |             |             |             | _           |             | tial                |                    |               |             |             |             |             |             |             |             |             |             |             |             |             |             |        |
|        |          |         |             |                |                |             |             | -+            |             |             |             | -           |             | order<br>tial       |                    |               |             |             |             |             |             |             |             |             |             |             |             |             |             |        |
|        |          |         |             |                |                |             |             | $\rightarrow$ |             |             |             |             |             | order               |                    |               |             |             |             |             |             |             |             |             |             |             |             |             |             |        |
|        |          |         |             |                |                |             |             | $\dashv$      |             |             |             | +           | _           | tial                |                    |               |             |             |             |             |             |             |             |             | 1           |             |             |             |             |        |
|        |          |         |             |                |                |             |             |               |             |             |             |             |             | order               |                    |               |             |             |             |             |             |             |             |             | 1           |             |             |             |             |        |
|        |          |         |             |                |                |             |             |               |             |             |             |             |             | tial                |                    |               |             |             |             |             |             |             |             |             | 1           |             |             |             |             |        |
|        |          |         |             |                |                |             |             | -             |             |             |             |             | Da          | oudou.              |                    | 1             |             |             |             | 1           |             |             |             |             | 1           |             |             |             |             |        |

|        |  | F      | Y 10 /      | ' 11 BU        | DGET           | r PRC       | DDUC        | CTION         | N SCI       | HEDU        | LE          |             |             | P-1 ITEM<br>M4 Carbi |             |             | TURE        |             |             |             |             |             | Date        | e:          | May 20      | 009         |             |             |             |       |   |
|--------|--|--------|-------------|----------------|----------------|-------------|-------------|---------------|-------------|-------------|-------------|-------------|-------------|----------------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------|---|
|        | CO   | OST I  | ELEM        | IENTS          |                |             |             |               |             |             | Fiscal Y    | Year 10     | •           |                      |             |             |             |             |             |             |             | ]           | Fiscal Y    | ear 11      |             |             |             |             |             |       |   |
| M      |  | S<br>E | PROC<br>QTY | ACCEP<br>PRIOR | BAL<br>DUE     |             |             |               |             |             |             |             |             | Calendar             | Year 1      | 0           |             |             |             |             |             |             |             | Calen       | dar Yea     | r 11        |             |             |             |       |   |
| F<br>R | FY   | R<br>V | Each        | TO<br>1 OCT    | AS OF<br>1 OCT | O<br>C<br>T | N<br>O<br>V | D<br>E<br>C   | J<br>A<br>N | F<br>E<br>B | M<br>A<br>R | A<br>P<br>R | M<br>A<br>Y | J<br>U<br>N          | J<br>U<br>L | A<br>U<br>G | S<br>E<br>P | O<br>C<br>T | N<br>O<br>V | D<br>E<br>C | J<br>A<br>N | F<br>E<br>B | M<br>A<br>R | A<br>P<br>R | M<br>A<br>Y | J<br>U<br>N | J<br>U<br>L | A<br>U<br>G | S<br>E<br>P | Later |   |
| 1. M   | 4 Cart   | oine   | 1           |                | l l            |             |             |               | l           | l.          |             |             |             | l l                  | 1           |             | 1           |             | l           |             | 1           |             |             |             | l l         |             |             |             |             |       |   |
| 1 FY   |  | A      | 80542       | 80542          |                |             |             |               |             |             |             |             |             |                      |             |             |             |             |             |             |             |             |             |             |             |             |             |             |             | 0     | Ī |
| 1 FY   | Y 08   | A      | 112423      | 109786         | 2637           | 2637        |             |               |             |             |             |             |             |                      |             |             |             |             |             |             |             |             |             |             |             |             |             |             |             | 0     | , |
| 1 FY   | Y 09   | A      | 29290       | 0              | 29290          | 3565        | 6000        | 6000          | 6000        | 6000        | 1725        |             |             |                      |             |             |             |             |             |             |             |             |             |             |             |             |             |             | ĺ           | 0     | , |
| 1 FY   | Y 09   | A      | 59674       | 0              | 59674          |             |             |               | 300         | 1534        | 7705        | 10504       | 11162       | 11200                | 11300       | 4969        | 1000        |             |             |             |             |             |             |             |             |             |             |             | ĺ           | 0     | , |
| 1 FY   | Y 10   | A      | 12000       |                |                |             |             | 1090          | 1090        | 1090        | 1090        | 1090        | 1090        | 1090                 | 1456        | 1457        | 1457        |             |             |             | ĺ           | 0           | 1           |             |             |             |             |             |             |       |   |
| 1 FY   | Y 08   | AF     | 13864       | 877            |                |             |             |               |             |             |             |             |             |                      |             |             |             |             |             |             |             | l           | 0           | ,           |             |             |             |             |             |       |   |
| 1 FY   | Y 10   |        |             |                |                |             |             |               |             |             |             |             |             |                      |             |             |             | 338         |             |             |             |             |             |             |             |             |             |             | l           | 0     | , |
| 1 FY   | Y 08   | FMS    | 13512       | 7961           | 5551           | 1243        | 1951        | 2000          | 357         |             |             |             |             |                      |             |             |             |             |             |             |             |             |             |             |             |             |             |             | l           | 0     | , |
| 1 FY   | Y 09   | FMS    | 0           | 0              |                |             |             |               |             |             |             |             |             |                      |             |             |             |             |             |             |             |             |             |             |             |             |             |             | ĺ           | 0     | , |
| 1 FY   | Y 10   | FMS    | 20000       | 0              | 20000          |             |             |               |             |             |             |             |             |                      |             | 1500        | 2131        | 2000        | 1500        | 1000        | 1856        | 2569        | 1300        | 1000        | 500         | 1879        | 2765        |             | ĺ           | 0     | 1 |
| 1 FY   | 80 Y   | MC     | 9204        | 7368           | 1836           | 1252        | 584         |               |             |             |             |             |             |                      |             |             |             |             |             |             |             |             |             |             |             |             |             |             | ŀ           | 0     | Ī |
| 1 FY   | Y 09   | MC     | 8125        | 0              | 8125           |             | 192         | 727           | 2070        | 2070        | 2070        | 996         |             |                      |             |             |             |             |             |             |             |             |             |             |             |             |             |             | i           | 0     | ] |
| 1 FY   | Y 10   | MC     | 9570        | 0              | 9570           |             |             |               |             |             |             |             | 338         | 300                  | 200         | 100         | 1338        | 1662        | 5000        | 632         |             |             |             |             |             |             |             |             | ĺ           | 0     | ] |
|        |  |        |             |                |                | O<br>C<br>T | N<br>O<br>V | D<br>E<br>C   | J<br>A<br>N | F<br>E<br>B | M<br>A<br>R | A<br>P<br>R | M<br>A<br>Y | J<br>U<br>N          | J<br>U<br>L | A<br>U<br>G | S<br>E<br>P | O<br>C<br>T | N<br>O<br>V | D<br>E<br>C | J<br>A<br>N | F<br>E<br>B | M<br>A<br>R | A<br>P<br>R | M<br>A<br>Y | J<br>U<br>N | J<br>U<br>L | A<br>U<br>G | S<br>E<br>P |       |   |
|        |  |        |             |                |                | <u> </u>    |             |               |             |             | <u></u>     |             |             | ļ                    |             |             | ļ           | ļ           | ļ           |             | ļ           |             | <u> </u>    |             |             |             |             |             |             | ļ     |   |
| M      |  |        |             |                |                |             | I           | PRODUC        | CTION I     | RATES       |             |             |             |                      |             | A           | DMIN L      | EAD T       | IME         | ]           | MFR         |             | TOTA        | AL          | REMA        | RKS         |             |             |             |       |   |
| F      | Reached M  |        |             |                |                |             |             |               |             |             | -           | FR          |             |                      | Pric        | or 1 Oct    | After       | 1 Oct       | Aft         | er 1 Oct    |             | After 1     | Oct         |             |             |             |             |             |             |       |   |
| R      | Name - Location MIN 1-8-5 MAX D+                       |        |             |                |                |             |             |               |             |             |             | Ini         | ial         |                      |             | 5           | +           | 3           |             | 8           |             | 11          |             |             |             |             |             |             |             |       |   |
| 1 (    | Colt's Mfg Co. Inc, Hartford, CT 12000 36000 144000 18 |        |             |                |                |             |             |               |             |             |             | Re          | order       |                      |             | 2           |             | 4           |             | 7           |             | 11          |             |             |             |             |             |             |             |       |   |
|        |  |        |             |                |                |             |             |               |             |             |             |             | Ini         |                      |             |             |             |             |             |             |             |             |             |             |             |             |             |             |             |       |   |
|        |  |        |             |                |                |             |             |               |             |             |             |             | _           | order                |             |             |             |             |             |             |             |             |             |             |             |             |             |             |             |       |   |
|        |  |        |             |                |                |             |             |               |             |             |             |             | Ini         |                      |             |             |             |             |             |             |             |             |             |             |             |             |             |             |             |       |   |
|        |  |        |             |                |                |             |             | $\dashv$      |             |             | -           |             |             | order                |             | -           |             |             |             |             |             | -           |             |             | -           |             |             |             |             |       |   |
|        |  |        |             |                |                |             |             | $\rightarrow$ |             |             |             |             | Ini         |                      |             | -           |             | -           |             |             |             | _           |             |             | -           |             |             |             |             |       |   |
|        |  |        |             |                |                |             |             | +             |             |             | -           |             | _           | order                |             |             |             |             |             |             |             |             |             |             | ł           |             |             |             |             |       |   |
|        |  |        |             |                |                |             |             | -+            |             |             |             |             | Ini         | order                |             |             |             |             |             |             |             |             |             |             | -           |             |             |             |             |       |   |

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|                 |                 | F       | <b>Y 10</b> | / 11 BU        | DGE            | ΓPRO        | ODU         | CTIO              | N SC        | HEDU   | JLE         |             |             | P-1 ITEN<br>M4 Carb | M NOME<br>ine (G14 | ENCLAT<br>904) | ΓURE        |             |             |             |             |             | Dat         | te:         | May 20      | 009         |             |             |             |       |
|-----------------|-----------------|---------|-------------|----------------|----------------|-------------|-------------|-------------------|-------------|--|-------------|-------------|-------------|---------------------|--------------------|----------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------|
|                 | CO              | )ST I   | ELEM        | <b>IENTS</b>   |                |             |             |                   |             |  | Fiscal Y    | Year 10     | •           |                     |                    |                |             |             |             |             |             | ]           | Fiscal Y    | ear 11      |             |             |             |             |             |       |
| M               |                 | S<br>E  | PROC<br>QTY | ACCEP<br>PRIOR | BAL<br>DUE     |             |             |                   |             |  |             |             |             | Calenda             | r Year 1           | .0             | I           |             |             |             |             |             |             | Calen       | dar Yea     | ır 11       |             |             |             |       |
| F<br>R          | FY              | R<br>V  | Each        | TO<br>1 OCT    | AS OF<br>1 OCT | O<br>C<br>T | N<br>O<br>V | D<br>E<br>C       | J<br>A<br>N | F<br>E<br>B                                      | M<br>A<br>R | A<br>P<br>R | M<br>A<br>Y | J<br>U<br>N         | J<br>U<br>L        | A<br>U<br>G    | S<br>E<br>P | O<br>C<br>T | N<br>O<br>V | D<br>E<br>C | J<br>A<br>N | F<br>E<br>B | M<br>A<br>R | A<br>P<br>R | M<br>A<br>Y | J<br>U<br>N | J<br>U<br>L | A<br>U<br>G | S<br>E<br>P | Later |
|                 |                 |         |             |                |                |             |             |                   |             |  |             |             |             |                     |                    |                |             |             |             |             |             |             |             |             |             |             |             |             |             |       |
|                 |                 |         |             |                |                |             |             |                   |             |  |             |             |             |                     |                    |                |             |             |             |             |             |             |             |             |             |             |             |             |             |       |
|                 |                 |         |             |                |                |             |             |                   |             |  |             |             |             |                     |                    |                |             |             |             |             |             |             |             |             |             |             |             |             |             |       |
|                 |                 |         | <u> </u>    | <u> </u>       |                |             |             | <u> </u>          |             |  |             |             |             |                     |                    |                |             |             |             |             |             |             |             |             |             |             |             |             |             |       |
|                 |                 |         | <u> </u>    | <b></b>        |                |             |             |                   |             |  |             |             |             |                     |                    |                |             |             |             |             |             |             |             |             |             |             |             |             |             |       |
| -               |                 |         |             |                |                |             |             |                   |             |  |             |             |             |                     |                    |                |             |             |             |             |             |             |             |             |             |             |             |             |             |       |
|                 |                 |         | <del></del> | <u> </u>       |                |             |             |                   |             |  |             |             |             |                     |                    |                |             |             |             |             |             |             |             |             |             |             |             |             |             |       |
| 1               |                 |         |             |                |                |             |             |                   |             |  |             |             |             |                     |                    |                |             |             |             |             |             |             |             |             |             |             |             |             |             |       |
|                 |                 |         |             | 1              |                |             |             |                   |             |  |             |             |             |                     |                    |                |             |             |             |             |             |             |             |             |             |             |             |             |             |       |
|                 |                 |         |             |                |                |             |             |                   |             |  |             |             |             |                     |                    |                |             |             |             |             |             |             |             |             |             |             |             |             |             |       |
|                 |                 |         |             |                |                |             |             |                   |             |  |             |             |             |                     |                    |                |             |             |             |             |             |             |             |             |             |             |             |             |             |       |
|                 |                 |         |             |                |                |             |             |                   |             |  |             |             |             |                     |                    |                |             |             |             |             |             |             |             |             |             |             |             |             |             |       |
|                 |                 |         | <u> </u>    |                |                |             |             |                   |             |  |             |             |             |                     |                    |                |             |             |             |             |             |             |             |             |             |             |             |             |             |       |
|                 |                 |         | <u> </u>    | <u> </u>       |                |             |             |                   |             |  |             |             |             |                     |                    |                |             |             |             |             |             |             |             |             |             |             |             |             |             |       |
| Ota             | ıl              |         | <u> </u>    |                | 162008         |             | 11500       | 11500             | 11500       | 11500  | 11500       | 11500       | 11500       |                     | 11500              | 7659           | 5559        | 5090        | 7590        | 2722        | 2946        | 3659        | 2756        | 2457        | 1957        | 1879        | 2765        |             |             |       |
|                 |                 |         |             |                |                | O<br>C<br>T | N<br>O<br>V | D<br>E<br>C       | J<br>A<br>N | F<br>E<br>B                                      | M<br>A<br>R | A<br>P<br>R | M<br>A<br>Y | J<br>U<br>N         | J<br>U<br>L        | A<br>U<br>G    | S<br>E<br>P | O<br>C<br>T | N<br>O<br>V | D<br>E<br>C | J<br>A<br>N | F<br>E<br>B | M<br>A<br>R | A<br>P<br>R | M<br>A<br>Y | J<br>U<br>N | J<br>U<br>L | A<br>U<br>G | S<br>E<br>P |       |
|                 |                 |         |             |                |                |             |             |                   |             |  |             |             |             |                     |                    |                |             |             |             |             |             |             |             |             |             |             |             |             |             |       |
| M               |                 |         |             |                |                |             |             | PRODU             | CTION       | RATES  |             |             |             |                     |                    | Α              | DMIN I      | LEAD T      | IME         |             | MFR         |             | TOTA        | AL          | REMA        | RKS         |             |             |             |       |
| F               |                 |         |             |                |                |             |             |                   |             |  |             | hed MI      | ₹R          |                     |                    | Prio           | or 1 Oct    |             | r 1 Oct     | Aft         | er 1 Oct    |             | After 1     | Oct         |             |             |             |             |             |       |
| R               |                 |         |             | ne - Locatio   | on             |             |             |                   | 1-8-5       | MAX  | _           |             | -           | tial                |                    |                | 5           |             | 3           |             | 8           |             | 11          |             |             |             |             |             |             |       |
| 1               | Colt's N        | Afg Co. | Inc, Har    | rtford, CT     |                |             | 1           | 2000              | 36000       | 14400  | ) 18        |             |             | order               |                    |                | 2           |             | 4           |             | 7           |             | 11          |             | _           |             |             |             |             |       |
| Initial         |                 |         |             |                |                |             |             |                   |             |  |             |             |             |                     |                    |                |             |             |             |             |             |             |             |             |             |             |             |             |             |       |
| Reorder Initial |                 |         |             |                |                |             |             |                   |             |  |             |             |             |                     |                    |                |             |             |             |             |             |             |             |             |             |             |             |             |             |       |
| Reorder         |                 |         |             |                |                |             |             |                   |             |  |             |             |             |                     |                    |                |             |             |             |             |             |             |             |             |             |             |             |             |             |       |
|                 |                 |         |             |                |                |             | -           | $-\!\!\!+$        |             |  |             | -           |             | order<br>tial       |                    |                |             |             |             |             |             |             |             |             | -           |             |             |             |             |       |
|                 |                 |         |             |                |                |             |             | $\longrightarrow$ |             | <del>                                     </del> |             |             | -           | order               |                    |                |             |             |             |             |             |             |             |             | 1           |             |             |             |             |       |
|                 |                 |         |             |                |                |             |             | $\rightarrow$     |             |  |             | -           | _           |                     |                    |                |             |             |             |             |             |             |             |             | 1           |             |             |             |             |       |
|                 | Initial Pagedar |         |             |                |                |             |             |                   |             |  |             | +           |             |                     |                    |                |             |             | 1           |             |             |             |             |             |             |             |             |             |             |       |

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| Exhibit P-40, Budget Item .   | Justification She | et       |               |                              |                                  | Date:               | ay 2009    |
|---|-------------------|----------|---------------|------------------------------|----------------------------------|---------------------|------------|
| Appropriation / Budget Activity / Seria<br>Procurement of W&TCV, Army / 2 / V |                   | hicles   |               | P-1 Item Nomencla<br>SHOTGUN | nture<br>, MODULAR ACCESSORY SYS | TEM (MASS) (G18300) |            |
| Program Elements for Code B Items:<br>0604601A - Infantry Support Weapon      | Co                | de:<br>B | Other Related | d Program Elements:          |                                  |                     |            |
|   | Prior Years       |          | FY 2008       | FY 2009                      | FY 2010                          | To Complete         | Total Prog |
| Proc Qty  |                   |          | 5167          | 4918                         | 3738                             |                     | 13823      |
| Gross Cost  | 4                 | 4.5      | 10.1          | 9.1                          | 6.9                              |                     | 30.6       |
| Less PY Adv Proc  |                   |          |               |                              |                                  |                     |            |
| Plus CY Adv Proc  |                   |          |               |                              |                                  |                     |            |
| Net Proc P1   | 4                 | 4.5      | 10.1          | 9.1                          | 6.9                              |                     | 30.6       |
| Initial Spares  |                   |          |               |                              |                                  |                     |            |
| Total Proc Cost   | 4                 | 4.5      | 10.1          | 9.1                          | 6.9                              |                     | 30.6       |
| Flyaway U/C   |                   |          |               |                              |                                  |                     |            |
| Weapon System Proc U/C  |                   |          | 0.0           | 0.0                          | 0.0                              |                     | 0.0        |

The Modular Accessory Shotgun System (MASS) is a 12 gauge shotgun that attaches underneath the barrel of the M4 Carbine. The MASS can also be fired in a stand alone mode. The MASS provides the capability to fire lethal, non-lethal, and door breaching 12 gauge rounds. The weapon system can be zeroed to the sighting system of the host weapon for improved accuracy.

## Justification:

FY10 Base procurement dollars in the amount of \$6.945 million supports the Active Army, National Guard and Army Reserves by purchasing 3,738 Modular Accessory Shotgun Systems (MASS). The MASS will provide deploying units a critical capability in the urban environment to breech doors, engage in close quarters combat, or fire non-lethal ammunition with a 12 gauge shotgun without releasing their primary weapon.

| Exhibit P-5, Weapon WTCV Cost Analysis | Appropriation/Budget Activity/Serial No:<br>Procurement of W&TCV, Army / 2 / Wea<br>combat vehicles | pons and | d other SH | Line Item No<br>OTGUN, MO<br>8300) |           | ORY SYSTEM (1 | MASS) | Weapon System | m Type:    | Date:  | May 2009  |
|--|---|----------|------------|------------------------------------|-----------|---------------|-------|---------------|------------|--------|-----------|
| WTCV                                   |   | ID       |            | FY 08                              |           |               | FY 09 |               |            | FY 10  |           |
| Cost Elemen                            | ts  | CD       | Total Cost | Qty                                | Unit Cost | Total Cost    | Qty   | Unit Cost     | Total Cost | Qty    | Unit Cost |
|  |   |          | \$000      | Each                               | \$000     | \$000         | Each  | \$000         | \$000      | Each   | \$000     |
| 1. Shotguns                            |   | В        | 95         | 74 5167                            | 1.9       | 8905          | 4918  | 1.8           | 6802       | 2 3738 | 1.8       |
| 2. Initial Spare Parts                 |   |          |            | 32 1514                            |           |               |       |               |            |        |           |
| 3. Engineering Support                 |   |          | 3          | 43                                 |           | 96            |       |               | 90         | )      |           |
| 4. Integrated Logistics Support        |   |          |            | 39                                 |           | 23            |       |               | 18         | 8      |           |
| 5. Fielding                            |   |          |            | 38                                 |           | 23            |       |               | 18         | 3      |           |
| 6. New Equipment Training (NET)        |   |          |            | 39                                 |           | 23            |       |               | 17         | 7      |           |
| Total:                                 |   |          | 100        | 65                                 |           | 9070          |       |               | 694        | 5      |           |

| Exhibit P-5a, Budget Procui   | ement Histor           | y and Planning          |                                |  |             |                           |             |                    | ate:<br>1ay 2009       | e                      |                      |
|---|------------------------|-------------------------|--------------------------------|--|-------------|---------------------------|-------------|--------------------|------------------------|------------------------|----------------------|
| Appropriation/Budget Activity/Serial No:<br>Procurement of W&TCV, Army/ 2/ Weapons and of | ther combat vehicles   | Weapon System Type:     | P-1 Line Item<br>SHOTGUN, N    | Nomenclature:<br>MODULAR ACCESSORY SYS | STEM (MASS) | (G18300)                  |             |                    |                        |                        |                      |
| WBS Cost Elements:  |                        | Contractor and Location | Contract<br>Method and<br>Type | Location of PCO                        | Award Date  | Date of First<br>Delivery | QTY<br>Each | Unit Cost<br>\$000 | Specs<br>Avail<br>Now? | Date<br>Revsn<br>Avail | RFP<br>Issue<br>Date |
| 1. Shotguns   |                        |                         |                                |  |             |                           |             |                    |                        |                        |                      |
| FY 2008   | Vertu Cor<br>Manassas  |                         | Option                         | JM&L LCMC, Picatinny,<br>NJ            | Jul 09      | Oct 09                    | 1900        | 1.9                |                        |                        | ]<br>                |
| FY 2008   | Vertu Cor<br>Manassas  |                         | Option                         | JM&L LCMC, Picatinny,<br>NJ            | Mar 10      | Apr 10                    | 3267        | 1.9                |                        |                        |                      |
| FY 2009   | Vertu Cor<br>Manassas, |                         | Option                         | JM&L LCMC, Picatinny,<br>NJ            | Mar 10      | Oct 10                    | 4918        | 1.8                | Yes                    |                        |                      |
| FY 2010   | Vertu Cor<br>Manassas, |                         | Option                         | JM&L LCMC, Picatinny,<br>NJ            | Mar 10      | Aug 11                    | 3738        | 1.8                | Yes                    |                        |                      |
| 2. Initial Spare Parts  |                        |                         |                                |  |             |                           |             |                    |                        |                        | ĺ                    |
| FY 2008   | Vertu Cor<br>Manassas  |                         | Option                         | JM&L LCMC, Picatinny,<br>NJ            | Nov 09      | Jan 10                    | 1514        |                    |                        |                        | İ                    |

REMARKS: Option to RDTE Contract. Full Rate Production (FRP) planned Mar 10. Unit Cost increased from engineering changes to resolve reliability issues.

|        |          | F       | FY 08 /     | 09 BU       | JDGET        | Γ PR(       | ODUC        | CTIO        | N SCI       | HEDU        | ILE         |             |             | P-1 ITE<br>SHOTG |             |             |             | SORY        | SYSTEM      | M (MAS      | S) (G183    | 300)        | Dat         | te:         | May 20           | 009         |             |             |             |          |   |
|--------|----------|---------|-------------|-------------|--------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|------------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|------------------|-------------|-------------|-------------|-------------|----------|---|
|        | C        | OST     | ELEM        | IENTS       | }            |             |             |             |             |             | Fiscal `    | Year 08     | 3           | ı                |             |             |             |             |             |             |             |             | Fiscal Y    | ear 09      | )                |             |             |             |             |          |   |
|        |          | S       | PROC        | ACCEP       | BAL          |             |             |             |             |             |             |             |             | Calenda          | ır Year (   | )8          |             |             |             |             |             |             |             | Caler       | ndar Yea         | ar 09       |             |             |             |          |   |
| M<br>F | FY       | E<br>R  | QTY<br>Each | PRIOR<br>TO | DUE<br>AS OF | 0           | N           | D           | J           | F           | M           | A           | М           | J                | J           | A           | S           | 0           | N           | D           | J           | F           | M           | A           | M                | J           | J           | A           | S           |          |   |
| R      |          | V       |             | 1 OCT       | 1 OCT        | C<br>T      | O<br>V      | E<br>C      | A<br>N      | E<br>B      | A<br>R      | P<br>R      | A<br>Y      | U<br>N           | U<br>L      | U<br>G      | S<br>E<br>P | O<br>C<br>T | O<br>V      | E<br>C      | A<br>N      | E<br>B      | A<br>R      | P<br>R      | A<br>Y           | U<br>N      | U<br>L      | A<br>U<br>G | E<br>P      | Later    |   |
| 1. 5   | Shotguns | 3       |             |             |              |             |             |             |             |             |             |             |             |                  |             |             |             |             |             |             |             |             |             |             |                  |             |             |             |             |          |   |
| 1      | FY 08    | A       | 1900        | 0           | 1900         |             |             |             |             |             |             |             |             |                  |             |             |             |             |             |             |             |             |             |             |                  |             | A           |             |             | 1900     |   |
| 1      | FY 08    | A       | 3267        | 0           | 3267         |             |             |             |             |             |             |             |             |                  |             |             |             |             |             |             |             |             |             |             |                  |             |             |             |             | 3267     |   |
| 1      | FY 09    | A       | 4918        | 0           | 4918         |             |             |             |             |             |             |             |             |                  |             |             |             |             |             |             |             |             |             |             |                  |             |             |             |             | 4918     |   |
| 1      | FY 10    | A       | 3738        | 0           | 3738         |             |             |             |             |             |             |             |             |                  |             |             |             |             |             |             |             |             |             |             |                  |             |             |             |             | 3738     |   |
|        |          |         |             |             |              |             |             |             |             |             |             |             |             |                  |             |             |             |             |             |             |             |             |             |             |                  |             |             |             |             |          |   |
|        |          |         |             |             |              |             |             |             |             |             |             |             |             |                  |             |             |             |             |             |             |             |             |             |             |                  |             |             |             |             |          |   |
|        |          |         |             |             |              |             |             |             |             |             |             |             |             |                  |             |             |             |             |             |             |             |             |             |             |                  |             |             |             |             |          |   |
|        |          |         |             |             |              |             |             |             |             |             |             |             |             |                  |             |             |             |             |             |             |             |             |             |             |                  |             |             |             |             |          |   |
|        |          |         |             |             |              |             |             |             |             |             |             |             |             |                  |             |             |             |             |             |             |             |             |             |             |                  |             |             |             |             |          |   |
|        |          |         |             |             |              |             |             |             |             |             |             |             |             |                  |             |             |             |             |             |             |             |             |             |             |                  |             |             |             |             |          |   |
|        |          |         |             |             |              |             |             |             |             |             |             |             |             |                  |             |             |             |             |             |             |             |             |             |             |                  |             |             |             |             |          |   |
|        |          |         |             |             |              |             |             |             |             |             |             |             |             |                  |             |             |             |             |             |             |             |             |             |             |                  |             |             |             |             |          |   |
|        |          |         |             |             |              |             |             |             |             |             |             |             |             |                  |             |             |             |             |             |             |             |             |             |             |                  |             |             |             |             |          |   |
|        |          |         |             |             |              |             |             |             |             |             |             |             |             |                  |             |             |             |             |             |             |             |             |             |             |                  |             |             |             |             |          |   |
| Tot    | al       |         |             |             | 13823        |             |             |             |             |             |             |             |             |                  |             |             |             |             |             |             |             |             |             |             |                  |             |             |             |             | 13823    |   |
|        |          |         |             |             |              | O<br>C<br>T | N<br>O<br>V | D<br>E<br>C | J<br>A<br>N | F<br>E<br>B | M<br>A<br>R | A<br>P<br>R | M<br>A<br>Y | J<br>U<br>N      | J<br>U<br>L | A<br>U<br>G | S<br>E<br>P | O<br>C<br>T | N<br>O<br>V | D<br>E<br>C | J<br>A<br>N | F<br>E<br>B | M<br>A<br>R | A<br>P<br>R | M<br>A<br>Y      | J<br>U<br>N | J<br>U<br>L | A<br>U<br>G | S<br>E<br>P |          |   |
|        |          |         |             |             |              |             |             | ı           |             |             |             |             | 1           |                  |             |             |             |             |             |             |             |             |             | I           |                  | I           | I           | I           |             |          |   |
| M      |          |         |             |             |              |             | ]           | PRODU       | CTION       | RATES       |             |             |             |                  |             | A           | DMIN I      | EAD T       | TME         |             | MFR         |             | TOTA        | <b>A</b> L  | REMA             | RKS         |             |             |             |          | 1 |
| F      |          |         |             |             |              |             |             |             |             |             | Reac        | hed M       | FR          |                  |             | Pric        | or 1 Oct    | Afte        | r 1 Oct     | Aft         | ter 1 Oct   |             | After 1     | Oct         | Lead ti<br>FY09. | me is ba    | sed upo     | n planne    | d LRIP      | award in |   |
| R      |          |         | Nam         | ne - Locati | on           |             | N           | MIN         | 1-8-5       | MAX         | D-          | +           | 1 In        | itial            |             |             | 3           |             | 6           |             | 20          |             | 26          |             |                  |             |             |             |             |          | , |
| 1      | Vertu    | Corpora | ition, Mar  | nassas, VA  | A            |             | 1           | 1000        | 6000        | 7610        | 6           |             | Re          | eorder           |             |             | 3           |             | 6           |             | 17          |             | 23          |             |                  |             |             |             |             |          |   |
|        |          |         |             |             |              |             |             |             |             |             |             |             | In          | itial            |             |             |             |             |             |             |             |             |             |             |                  |             |             |             |             |          |   |
|        |          |         |             |             |              |             |             |             |             |             |             |             | Re          | eorder           |             |             |             |             |             |             |             |             |             |             |                  |             |             |             |             |          |   |
|        |          |         |             | · · · · · · |              |             |             |             |             |             |             |             | In          | itial            |             |             |             |             |             |             |             |             |             |             |                  |             |             |             |             |          |   |
|        |          |         |             |             |              |             |             |             |             |             |             |             | Re          | eorder           |             |             |             |             |             |             |             |             |             |             |                  |             |             |             |             |          |   |
|        |          |         |             |             |              |             |             |             |             |             |             | In          | itial       |                  |             |             |             |             |             |             |             |             |             |             |                  |             |             |             |             |          |   |
|        |          |         |             |             |              |             |             |             |             | Re          | eorder      |             |             |                  |             |             |             |             |             |             |             |             |             |             |                  |             |             |             |             |          |   |
|        |          |         |             |             |              |             |             |             |             | In          | itial       |             |             |                  |             |             |             |             |             |             |             | 1           |             |             |                  |             |             |             |             |          |   |
|        |          |         |             |             |              |             |             |             | Re          | eorder      |             |             |             | 1                |             |             |             |             |             |             |             |             |             |             |                  |             |             |             |             |          |   |

|        |   | 1       | FY 10 /    | ' 11 BU     | J <b>DGE</b>   | Γ PR(       | ODUC        | CTIO        | N SC        | HEDU        | JLE         |             |             | P-1 ITEN<br>SHOTGU |             |             |             | SORY        | SYSTEN      | M (MAS      | S) (G183    | 300)        | Dat         | e:          | May 20      | 009         |              |             |             |       |
|--------|---|---------|------------|-------------|----------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|--------------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|--------------|-------------|-------------|-------|
|        | C                                       | OST     | ELEM       | IENTS       | ;              |             |             |             |             |             | Fiscal '    | Year 10     |             |                    |             |             |             |             |             |             |             |             | Fiscal Y    | ear 11      |             |             |              |             |             |       |
|        |   | S       | PROC       | ACCEP       | BAL            |             |             |             |             |             |             |             |             | Calenda            | r Year 1    | 10          |             |             |             |             |             |             |             | Calen       | dar Yea     | ar 11       |              |             |             |       |
| M      |   | E       | QTY        | PRIOR       | DUE            |             |             |             |             | Б           |             |             | 3.6         |                    |             |             | 0           |             |             |             | , 1         |             |             |             |             |             |              |             |             |       |
| F<br>R | FY                                      | R<br>V  | Each       | TO<br>1 OCT | AS OF<br>1 OCT | O<br>C<br>T | N<br>O<br>V | D<br>E<br>C | J<br>A<br>N | F<br>E<br>B | M<br>A<br>R | A<br>P<br>R | M<br>A<br>Y | J<br>U<br>N        | J<br>U<br>L | A<br>U<br>G | S<br>E<br>P | O<br>C<br>T | N<br>O<br>V | D<br>E<br>C | J<br>A<br>N | F<br>E<br>B | M<br>A<br>R | A<br>P<br>R | M<br>A<br>Y | J<br>U<br>N | J<br>U<br>L  | A<br>U<br>G | S<br>E<br>P | Later |
| 1.3    | Shotguns                                |         |            |             |                |             |             |             |             |             |             |             |             |                    |             |             |             |             |             |             |             |             |             |             |             |             |              |             |             |       |
| 1      | FY 08                                   | A       | 1900       | 0           | 1900           | 200         | 200         | 300         | 400         | 400         | 400         |             |             |                    |             |             |             |             |             |             |             |             |             |             |             |             | <u> </u>     |             |             | 0     |
| 1      | FY 08                                   | A       | 3267       | 0           | 3267           |             |             |             |             |             | A           | 500         | 500         | 500                | 500         | 500         | 500         | 267         |             |             |             |             |             |             |             |             |              |             |             | 0     |
| 1      | FY 09                                   | A       | 4918       | 0           | 4918           |             |             |             |             |             | A           |             |             |                    |             |             |             | 233         | 500         | 500         | 500         | 500         | 500         | 500         | 500         | 500         | 500          | 185         |             | 0     |
| 1      | FY 10                                   | A       | 3738       | 0           | 3738           |             |             |             |             |             | A           |             |             |                    |             |             |             |             |             |             |             |             |             |             |             |             |              | 315         | 500         | 2923  |
|        |   |         |            |             |                |             |             |             |             |             |             |             |             |                    |             |             |             |             |             |             |             |             |             |             |             |             |              |             |             |       |
|        |   |         |            |             |                |             |             |             |             |             |             |             |             |                    |             |             |             |             |             |             |             |             |             |             |             |             | L'           |             |             |       |
|        |   |         |            |             |                |             |             |             |             |             |             |             |             |                    |             |             |             |             |             |             |             |             |             |             |             |             | <u> </u>     |             |             |       |
|        |   |         |            |             |                |             |             |             |             |             |             |             |             |                    |             |             |             |             |             |             |             |             |             |             |             |             | <u> </u>     |             |             |       |
|        |   |         |            |             |                |             |             |             |             |             |             |             |             |                    |             |             |             |             |             |             |             |             |             |             |             |             | <u> </u>     |             |             |       |
|        |   |         |            |             |                |             |             |             |             |             |             |             |             |                    |             |             |             |             |             |             |             |             |             |             |             |             | <u> </u>     |             |             |       |
|        |   |         | -          |             |                |             |             |             |             |             |             |             |             |                    |             |             |             |             |             |             |             |             |             |             |             |             | <u> </u>     |             |             |       |
|        |   |         |            |             |                |             |             |             |             |             |             |             |             |                    |             |             |             |             |             |             |             |             |             |             |             | $\vdash$    | <u> </u>     |             |             |       |
|        |   |         |            |             |                |             |             |             |             |             |             |             |             |                    |             |             |             |             |             |             |             |             |             |             |             |             | <del> </del> |             |             |       |
| То     | tal                                     |         |            |             | 13823          | 200         | 200         | 300         | 400         | 400         | 400         | 500         | 500         | 500                | 500         | 500         | 500         | 500         | 500         | 500         | 500         | 500         | 500         | 500         | 500         | 500         | 500          | 500         | 500         | 2923  |
|        |   |         |            | I           | Į.             | 0           | N           | D           | J           | F           | M           | A           | M           | J                  | J           | A           | S           | О           | N           | D           | J           | F           | M           | A           | M           | J           | J            | A           | S           |       |
|        |   |         |            |             |                | C<br>T      | O<br>V      | E<br>C      | A<br>N      | E<br>B      | A<br>R      | P<br>R      | A<br>Y      | U<br>N             | U<br>L      | U<br>G      | E<br>P      | C<br>T      | O<br>V      | E<br>C      | A<br>N      | E<br>B      | A<br>R      | P<br>R      | A<br>Y      | U<br>N      | U<br>L       | U<br>G      | E<br>P      |       |
|        |   |         |            |             |                | Į           | Į           | <u> </u>    |             | l l         |             |             |             |                    |             |             | l l         |             |             | Į           | l l         |             |             |             |             |             |              | Į           |             | J     |
|        | 1                                       |         |            |             |                |             |             |             |             |             |             |             |             |                    |             | 1           |             |             |             | 1           |             |             |             | _           |             |             |              |             |             |       |
| M      |   |         |            |             |                |             |             | PRODU       | CTION       | RATES       | 4_          |             |             |                    |             |             | DMIN I      |             |             |             | MFR         |             | TOTA        |             | REMA        | RKS         |              |             |             |       |
| F      |   |         |            |             |                |             |             | m           |             | 37.137      |             | hed M       |             |                    |             | Pric        | or 1 Oct    | -           | r 1 Oct     | Aft         | er 1 Oct    |             | After 1     |             |             |             |              |             |             |       |
| R      | +                                       | ~       |            | e - Locati  |                |             |             |             | 1-8-5       | MAX         | _           |             |             |                    |             |             | 3           |             | 6           |             | 20          |             | 26          |             |             |             |              |             |             |       |
| 1      | Vertu                                   | Corpora | ation, Mai | nassas, VA  | A              |             |             | 1000        | 6000        | 7610        | 6           |             | _           | order              |             |             | 3           |             | 6           |             | 17          |             | 23          |             |             |             |              |             |             |       |
|        |   |         |            |             |                |             |             |             |             |             |             | Init        |             |                    |             |             |             |             |             |             |             |             |             |             |             |             |              |             |             |       |
|        |   |         |            |             |                |             |             |             |             |             | _           | order       |             |                    |             | 1           |             |             |             |             |             |             |             |             |             |             |              |             |             |       |
|        | + |         |            |             |                |             |             |             |             |             |             | Init        |             |                    |             |             | 1           |             |             |             |             |             |             | 1           |             |             |              |             |             |       |
|        |   |         |            |             |                |             |             |             |             |             | order       |             |             |                    | 1           |             |             |             |             |             |             | 1           |             |             |             |             |              |             |             |       |
|        |   |         |            |             |                |             |             |             | Init        |             |             |             |             | 1                  |             |             |             |             |             |             | 1           |             |             |             |             |             |              |             |             |       |
|        |   |         |            |             |                |             |             |             |             |             | order       |             |             |                    | +           |             |             |             |             |             |             | -           |             |             |             |             |              |             |             |       |
|        |   |         |            |             |                |             |             |             |             | Init        |             |             |             |                    | 1           |             | <u> </u>    |             |             |             |             | -           |             |             |             |             |              |             |             |       |
|        |   |         |            |             |                |             |             |             |             | 1           |             |             | Rec         | order              |             |             |             |             |             |             |             |             |             |             |             |             |              |             |             |       |

|        |          | I       | FY 12 /     | / 13 BU        | JDGE'          | ΓPRO        | ODUC        | CTIO        | N SCI       | HEDU          | ILE         |             |             | P-1 ITEN<br>SHOTGU |             |             |             | SORY        | SYSTEN      | M (MAS      | S) (G18:    | 300)        | Dat         | e:          | May 20      | )09  |             |             |              |       |   |
|--------|----------|---------|-------------|----------------|----------------|-------------|-------------|-------------|-------------|---------------|-------------|-------------|-------------|--------------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|--|-------------|-------------|--------------|-------|---|
|        | C        | OST     | ELEM        | IENTS          |                |             |             |             |             |               | Fiscal '    | Year 1      | 2           |                    |             |             |             |             |             |             |             |             | Fiscal Y    | ear 13      | 3           |  |             |             |              |       |   |
| M      |          | S<br>E  | PROC<br>QTY | ACCEP<br>PRIOR | BAL<br>DUE     |             |             |             |             |               |             |             |             | Calenda            | ır Year 1   | 12          | I           |             |             |             |             |             |             | Calen       | ıdar Yea    | r 13   |             |             |              |       |   |
| F<br>R | FY       | R<br>V  | Each        | TO<br>1 OCT    | AS OF<br>1 OCT | O<br>C<br>T | N<br>O<br>V | D<br>E<br>C | J<br>A<br>N | F<br>E<br>B   | M<br>A<br>R | A<br>P<br>R | N<br>A<br>Y | A U                | J<br>U<br>L | A<br>U<br>G | S<br>E<br>P | O<br>C<br>T | N<br>O<br>V | D<br>E<br>C | J<br>A<br>N | F<br>E<br>B | M<br>A<br>R | A<br>P<br>R | M<br>A<br>Y | J<br>U<br>N                                      | J<br>U<br>L | A<br>U<br>G | S<br>E<br>P  | Later |   |
| 1. S   | Shotguns |         |             |                |                |             |             |             |             |               |             |             |             |                    |             |             |             |             |             | -           |             |             |             |             |             |  |             |             |              |       | _ |
| _      | FY 08    | 1       | 1900        | 1900           |                |             |             |             |             |               |             |             |             |                    |             |             |             |             |             |             |             |             |             |             |             |  |             |             | ĺ            | 0     | Γ |
|        | FY 08    | A       | 3267        | 3267           |                |             |             |             |             |               |             |             |             |                    |             |             |             |             |             |             |             |             |             |             |             |  |             |             | <u> </u>     | 0     | 1 |
| 1      | FY 09    | A       | 4918        | 4918           |                |             |             |             |             |               |             |             |             |                    |             |             |             |             |             |             |             |             |             |             |             |  |             |             |              | 0     | 1 |
| 1      | FY 10    | A       | 3738        | 815            | 2923           | 500         | 500         | 500         | 500         | 500           | 423         |             |             |                    |             |             |             |             |             |             |             |             |             |             |             |  |             |             |              | 0     | 1 |
|        |          |         |             |                |                |             |             |             |             |               |             |             |             |                    |             |             |             |             |             |             |             |             |             |             |             |  |             |             |              |       | 1 |
|        |          |         |             |                |                |             |             |             |             |               |             |             |             |                    |             |             |             |             |             |             |             |             |             |             |             |  |             |             | ĺ            |       | 1 |
|        |          |         |             |                |                |             |             |             |             |               |             |             |             |                    |             |             |             |             |             |             |             |             |             |             |             |  |             |             | <u> </u>     |       |   |
|        |          |         |             |                |                |             |             |             |             |               |             |             |             |                    |             |             |             |             |             |             |             |             |             |             |             |  |             |             | <u> </u>     |       |   |
|        |          |         |             |                |                |             | <u> </u>    | ļ           |             |               |             |             |             |                    |             |             |             |             |             |             |             |             |             |             |             |  | <u> </u>    |             | <u> </u>     |       | 1 |
|        |          |         |             |                |                |             |             |             |             | $\sqcup$      |             |             |             |                    |             |             |             |             |             |             |             |             |             |             |             |  | <u> </u>    |             | <b></b>      |       | 1 |
|        |          |         |             |                |                |             |             |             |             |               |             |             |             |                    |             |             |             |             |             |             |             |             |             |             |             |  | <u> </u>    |             | <b>—</b>     |       | 1 |
|        |          |         |             |                |                |             |             | ļ           |             | $\longmapsto$ |             |             |             |                    |             |             |             |             |             |             |             |             |             |             |             |  | <u> </u>    |             | <del> </del> |       |   |
|        |          |         |             |                |                |             |             | <u> </u>    |             | $\vdash$      |             |             |             |                    |             |             |             |             |             |             |             |             |             |             |             |  | <u> </u>    |             | <del></del>  |       | 1 |
| Т-4    | -1       |         |             |                | 2923           | 500         | 500         | 500         | 500         | 500           | 423         |             |             |                    |             |             |             |             |             |             |             |             |             |             |             | <del>                                     </del> | <del></del> |             | <del></del>  |       | ŀ |
| Tot    | aı       |         |             |                | 2923           | O           |             | D           | J           | 500<br>F      | 423<br>M    | Α.          | N           | 4 1                | 1           | Α.          | c           | 0           | N           | D           | J           | F           | M           | Α.          | М           | J  | J           |             |              |       | ł |
|        |          |         |             |                |                | C<br>T      | N<br>O<br>V | E<br>C      | A<br>N      | E<br>B        | A<br>R      | A<br>P<br>R | Y           | A U                | J<br>U<br>L | A<br>U<br>G | S<br>E<br>P | C<br>T      | N<br>O<br>V | E<br>C      | A<br>N      | E<br>B      | A<br>R      | A<br>P<br>R | M<br>A<br>Y | U<br>N   | U<br>L      | A<br>U<br>G | S<br>E<br>P  |       |   |
|        |          |         |             |                |                |             |             |             |             |               |             |             |             |                    |             |             |             |             |             |             |             |             |             |             |             |  |             |             |              |       |   |
| M      |          |         |             |                |                |             |             | PRODU       | JCTION I    | RATES         |             |             |             |                    |             | A           | DMIN I      | EAD T       | IME         |             | MFR         |             | TOTA        | AL          | REMA        | RKS  |             |             |              |       |   |
| F      |          |         |             |                |                |             |             |             |             |               | Reac        | hed M       | 1FR         |                    |             | Pric        | or 1 Oct    | After       | r 1 Oct     | Aft         | er 1 Oct    |             | After 1     | Oct         |             |  |             |             |              |       |   |
| R      |          |         | Nam         | ne - Locati    | on             |             | 1           | MIN         | 1-8-5       | MAX           | D-          | +           | 1           | Initial            |             |             | 3           |             | 6           |             | 20          |             | 26          |             |             |  |             |             |              |       |   |
| 1      | Vertu    | Corpora | tion, Mar   | nassas, VA     | 1              |             | 1           | 1000        | 6000        | 7610          | 6           |             |             | Reorder            |             |             | 3           |             | 6           |             | 17          |             | 23          |             |             |  |             |             |              |       |   |
|        |          |         |             |                |                |             |             |             |             |               |             |             |             | Initial            |             |             |             |             |             |             |             |             |             |             |             |  |             |             |              |       |   |
|        |          |         |             |                |                |             |             |             |             |               |             |             |             | Reorder            |             |             |             |             |             |             |             |             |             |             |             |  |             |             |              |       |   |
|        |          |         |             |                |                |             |             |             |             |               |             |             |             | Initial            |             |             |             |             |             |             |             |             |             |             |             |  |             |             |              |       |   |
|        |          |         |             |                | ·              |             |             |             |             |               |             |             |             | Reorder            |             |             |             |             |             |             |             |             |             |             |             |  |             |             |              |       |   |
|        |          |         |             |                |                |             |             |             |             |               |             |             |             | Initial            |             |             |             |             |             |             |             |             |             |             |             |  |             |             |              |       |   |
|        |          |         |             |                |                |             |             |             |             |               |             |             |             | Reorder            | ·———        |             |             |             |             |             |             |             |             |             |             |  |             |             |              |       |   |
|        |          |         |             |                |                |             |             |             |             |               |             |             |             | Initial            |             |             |             |             |             |             |             |             |             |             |             |  |             |             |              |       |   |
|        | Reorder  |         |             |                |                |             |             |             |             |               |             |             |             |                    |             |             |             |             |             |             |             |             |             |             |             |  |             |             |              |       |   |

| Exhibit P-40, Budget Item   | Justification Sheet |           |                           |   | Date:              | I 2000     |
|---|---------------------|-----------|---------------------------|---|--------------------|------------|
|   |                     |           | <u> </u>                  |   | IV.                | (ay 2009   |
| Appropriation / Budget Activity / Seria<br>Procurement of W&TCV, Army / 2 / V |                     |           | P-1 Item Nomenc<br>Common | lature<br>Remotely Operated Weapons Station | n (CROWS) (G04700) |            |
| Program Elements for Code B Items:  | Code:               | Other Rel | ated Program Elements:    |   |                    |            |
|   | Prior Years         | FY 2008   | FY 2009                   | FY 2010                                     | To Complete        | Total Prog |
| Proc Qty  | 1932                | 7         | 00 121                    | 5 1000                                      |                    | 4847       |
| Gross Cost  | 516.3               | 223       | 3.2 279.                  | 5 235.0                                     |                    | 1254.0     |
| Less PY Adv Proc  |                     |           |                           |   |                    |            |
| Plus CY Adv Proc  |                     |           |                           |   |                    |            |
| Net Proc P1   | 516.3               | 223       | 3.2 279.                  | 5 235.0                                     |                    | 1254.0     |
| Initial Spares  |                     |           |                           |   |                    |            |
| Total Proc Cost   | 516.3               | 223       | 3.2 279.                  | 5 235.0                                     |                    | 1254.0     |
| Flyaway U/C   |                     |           |                           |   |                    |            |
| Weapon System Proc U/C  | 0.2                 |           |                           |   |                    | 0.2        |

The Common Remotely Operated Weapon Station (CROWS) is a mount that provides the capability to remotely operate all standard U.S. Army machine guns (i.e., M2 Heavy Barrel Machine Guns, MK-19 Grenade Machine Guns, M240B Medium Machine Guns and M249 Squad Automatic Weapons) on an Up-Armored High Mobility Multi-Purpose Wheeled Vehicle (HMMWV) and a variety of other vehicles. The CROWS system includes a four axis stabilized mount, a sensor suite with fire control software, and a vehicle integration kit. Planned product improvements include integration with other vehicles including the M1A2 Main Battle Tank, the M93 FOX Recon Vehicle, and various Mine Resistant Ambush Protection (MRAP) vehicles. CROWS permits the gunner to manipulate the sight and weapon from under armor using a hand controller and a flat panel display. Missions can be carried out under conditions of varying visibility via the day camera or second generation Forward Looking Infrared (FLIR) camera. The laser range finder and four-axis stabilization allows for accurate fire on the move at speeds up to 15 miles per hour.

## Justification:

FY10 Overseas Contingency Operations (OCO) procurement dollars in the amount of \$235.000 million supports the Active Army by purchasing 1,000 CROWs systems to prosecute the Overseas Contingency Operations by resetting items, replacing battle losses, generating and protecting forces and enhancing military capabilities.

| Active | Qty<br>Gross Cost | FY2008<br>675<br>\$214.558 | FY2009<br>1215<br>\$279.500 | FY2010<br>1000<br>\$235.000 |
|--------|-------------------|----------------------------|-----------------------------|-----------------------------|
| NG     | Qty<br>Gross Cost | 25<br>\$8.654              |                             |                             |

| Exhibit P-5, Weapon WTCV Cost Analysis   | Appropriation/Budget Activity/Serial No:<br>Procurement of W&TCV, Army / 2 / Weap<br>combat vehicles | pons and |            | on Remote | menclature:<br>ly Operated Weap | ons Station (CRO | WS)   | Weapon Syster | n Type: D  | ate:  | May 2009  |
|--|--|----------|------------|-----------|---------------------------------|------------------|-------|---------------|------------|-------|-----------|
| WTCV                                     |  | ID       | •          | FY 08     |                                 |                  | FY 09 |               | •          | FY 10 |           |
| Cost Elemen                              | nts  | CD       | Total Cost | Qty       | Unit Cost                       | Total Cost       | Qty   | Unit Cost     | Total Cost | Qty   | Unit Cost |
|  |  |          | \$000      | Units     | \$000                           | \$000            | Units | \$000         | \$000      | Units | \$000     |
| Hardware                                 |  |          |            |           |                                 |                  |       |               |            |       |           |
| CROWS system                             |  | A        | 150500     | 700       | 215                             | 237775           | 1215  | 196           | 199500     | 1000  | 200       |
| Vehicle Integration Kit                  |  |          | 3743       | 700       | 5                               | 3675             | 1215  | 3             | 3070       | 1000  | 3         |
| Trainers                                 |  |          | 3606       |           |                                 |                  |       |               |            |       |           |
| Engineering Support                      |  |          | 11618      |           |                                 | 9459             |       |               | 6730       |       |           |
| Integrated Logistics Support             |  |          | 8325       |           |                                 | 4043             |       |               | 2630       |       |           |
| Total Package Fielding                   |  |          | 8559       |           |                                 | 5600             |       |               | 4000       |       |           |
| Contractor Field Service Representatives |  |          | 2571       |           |                                 | 2202             |       |               | 2202       |       |           |
| Production Verification Test             |  |          | 7660       |           |                                 |                  |       |               |            |       |           |
| Safety Confirmation Test                 |  |          |            |           |                                 | 1000             |       |               |            |       |           |
| First Destination Transportation         |  |          | 120        |           |                                 | 123              |       |               | 88         |       |           |
| Spares/Repair Parts                      |  |          | 17848      |           |                                 | 12123            |       |               | 15280      |       |           |
| New Equipment Training                   |  |          | 8662       |           |                                 | 3500             |       |               | 1500       |       |           |
| Unit Price is proprietary under the      |  |          |            |           |                                 |                  |       |               |            |       |           |
| provisions of Executive Order 12600      |  |          |            |           |                                 |                  |       |               |            |       |           |
|  |  |          |            |           |                                 |                  |       |               |            |       |           |
| Total:                                   |  |          | 223212     |           |                                 | 279500           |       |               | 235000     |       |           |

| Exhibit P-5a, Budget Pro  | ocurement History and Planning          |                                |  |                  |                           |              |       | ate:<br>Iay 2009       | )                      |                      |
|---|---|--------------------------------|--|------------------|---------------------------|--------------|-------|------------------------|------------------------|----------------------|
| Appropriation/Budget Activity/Serial No:<br>Procurement of W&TCV, Army/ 2/ Weapon | Weapon System Type:                     | P-1 Line Item<br>Common Ren    | Nomenclature:<br>notely Operated Weapons Sta | ation (CROWS) (C | G04700)                   |              |       |                        |                        |                      |
| WBS Cost Elements:  | Contractor and Location                 | Contract<br>Method and<br>Type | Location of PCO                              | Award Date       | Date of First<br>Delivery | QTY<br>Units | \$000 | Specs<br>Avail<br>Now? | Date<br>Revsn<br>Avail | RFF<br>Issue<br>Date |
| CROWS system  |   |                                |  |                  |                           |              |       |                        |                        |                      |
| FY 2008   | Kongsberg Aerospace<br>Johnstown, PA    | Option                         | TACOM-Picatinny,<br>Picatinny,NJ             | Aug 08           | Jul 09                    | 192          | 215   |                        |                        |                      |
| FY 2008   | Kongsberg Aerospace<br>Johnstown, PA    | Option                         | TACOM-Picatinny,<br>Picatinny,NJ             | Sep 08           | Sep 09                    | 408          | 215   |                        |                        |                      |
| FY 2008   | Kongsberg Aerospace<br>Johnstown, PA    | Option                         | TACOM-Picatinny,<br>Picatinny,NJ             | Dec 08           | Jan 10                    | 80           | 215   |                        |                        |                      |
| FY 2008   | Kongsberg Aerospace<br>Johnstown, PA    | Option                         | TACOM-Picatinny,<br>Picatinny,NJ             | Oct 09           | Feb 10                    | 20           | 215   |                        |                        |                      |
| FY 2009   | Kongsberg Aerospace<br>Johnstown, PA    | Option                         | TACOM-Picatinny,<br>Picatinny,NJ             | Oct 09           | Mar 10                    | 1215         | 196   |                        |                        |                      |
| FY 2010   | Kongsberg Aerospace<br>Johnstown, PA    | Option                         | TACOM-Picatinny,<br>Picatinny,NJ             | Feb 10           | Jan 11                    | 1000         | 200   |                        |                        |                      |
| Vehicle Integration Kit   |   |                                |  |                  |                           |              |       |                        |                        |                      |
| FY 2008   | Computer Sciences Corp<br>Eatontown, NJ | Option                         | TACOM-Warren,<br>Warren MI                   | Aug 08           | May 09                    | 333          | 5     |                        |                        |                      |
| FY 2008   | Micor Industries<br>Decatur, AL         | Option                         | TACOM-Picatinny,<br>Picatinny,NJ             | Mar 09           | Jul 09                    | 367          | 5     |                        |                        |                      |
| FY 2009   | Micor Industries<br>Decatur, AL         | Option                         | TACOM-Picatinny,<br>Picatinny,NJ             | Oct 09           | Feb 10                    | 1215         | 3     |                        |                        |                      |
| FY 2010   | Micor Industries<br>Decatur, AL         | Option                         | TACOM-Picatinny,<br>Picatinny,NJ             | Feb 10           | Dec 10                    | 1000         | 3     |                        |                        |                      |

REMARKS:

|        |        | F   | FY 08 / | 09 BU       | J <b>DGE</b>   | ΓPRO        | ODU         | CTIO        | N SC        | HEDU        | JLE         |             |             | P-1 ITEN<br>Common |             |             |             | apons St    | ation (C    | ROWS)       | (G0470      | 0)          | Date        |             | May 20      | 009         |             |             |             |                       |
|--------|--------|---|---------|-------------|----------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|--------------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-----------------------|
|        | C      | OST   | ELEM    | IENTS       | ;              |             |             |             |             |             | Fiscal `    | Year 08     | ;           |                    |             |             |             |             |             |             |             |             | Fiscal Y    | ear 09      | )           |             |             |             |             |                       |
|        |        | S   | PROC    | ACCEP       | BAL            |             |             |             |             |             |             |             |             | Calenda            | r Year 0    | 8           |             |             |             |             |             |             |             | Calen       | dar Yea     | ar 09       |             |             |             |                       |
| M      | EM     | Е   | QTY     | PRIOR       | DUE            | 0           | N           | D           | J           | F           | M           | A           | M           | J                  | J           | A           | S           | 0           | N           | D           | J           | F           | М           | A           | М           | J           | т           | A           | S           |                       |
| F<br>R | FY     | R<br>V  | Units   | TO<br>1 OCT | AS OF<br>1 OCT | C<br>T      | O<br>V      | E<br>C      | A<br>N      | E<br>B      | A<br>R      | P<br>R      | A<br>Y      | U<br>N             | U<br>L      | U<br>G      | E<br>P      | C<br>T      | O<br>V      | E<br>C      | A<br>N      | E<br>B      | A<br>R      | P<br>R      | A<br>Y      | U<br>N      | U<br>L      | U<br>G      | E<br>P      | Later                 |
| CR     | OWS sy | stem  |         |             |                |             |             |             |             |             |             |             |             |                    |             |             |             |             |             |             |             |             |             |             |             |             |             |             |             |                       |
| 1      | FY 06  | A   | 763     | 0           | 763            |             |             |             |             |             | 29          | 30          | 40          | 40                 | 50          | 100         | 100         | 116         | 120         | 138         |             |             |             |             |             |             |             |             |             | 0                     |
| 1      | FY 07  | A   | 1165    | 0           | 1165           |             |             |             |             |             |             |             |             |                    |             |             |             |             |             |             | 190         | 200         | 200         | 175         | 200         | 200         |             |             |             | 0                     |
| 1      | FY 08  | A   | 700     | 0           | 700            |             |             |             |             |             |             |             |             |                    |             | A           | A           |             |             | A           |             |             |             |             |             |             | 85          | 85          | 90          | 440                   |
| 1      | FY 09  | A   | 1215    | 0           | 1215           |             |             |             |             |             |             |             |             |                    |             |             |             |             |             |             |             |             |             |             |             |             |             |             |             | 1215                  |
| 1      | FY 10  | A   | 1000    | 0           | 1000           |             |             |             |             |             |             |             |             |                    |             |             |             |             |             |             |             |             |             |             |             |             |             |             |             | 1000                  |
| 1      | FY 08  | AF  | 25      | 0           | 25             |             |             |             |             |             |             |             |             |                    |             |             |             |             |             |             |             |             |             | 25          |             |             |             |             |             | 0                     |
| 1      | FY 08  | MC  | 4       | 0           | 4              |             |             |             |             |             |             |             |             |                    |             |             |             | 4           |             |             |             |             |             |             |             |             |             |             |             | 0                     |
| 1      | FY 08  | SOC   | 120     | 0           | 120            |             |             |             |             |             |             |             |             |                    | 20          | 20          | 20          | 20          | 20          | 20          |             |             |             |             |             |             |             |             |             | 0                     |
|        |        |   |         |             |                |             |             |             |             |             |             |             |             |                    |             |             |             |             |             |             |             |             |             |             |             |             |             |             |             |                       |
|        |        |   |         |             |                |             |             |             |             |             |             |             |             |                    |             |             |             |             |             |             |             |             |             |             |             |             |             |             |             |                       |
|        |        |   |         |             |                |             |             |             |             |             |             |             |             |                    |             |             |             |             |             |             |             |             |             |             |             |             |             |             |             |                       |
|        |        |   |         |             |                |             |             |             |             |             |             |             |             |                    |             |             |             |             |             |             |             |             |             |             |             |             |             |             |             |                       |
|        |        |   |         |             |                |             |             |             |             |             |             |             |             |                    |             |             |             |             |             |             |             |             |             |             |             |             |             |             | <u></u>     |                       |
|        |        |   |         |             |                |             |             | <u> </u>    |             |             |             |             |             |                    |             |             |             |             |             |             |             |             |             |             |             |             |             |             | <u></u>     |                       |
| Tot    | al     |   |         |             | 4992           |             |             | <u> </u>    |             |             | 29          | 30          | 40          | 40                 | 70          | 120         | 120         | 140         | 140         | 158         | 190         | 200         | 200         | 200         | 200         | 200         | 85          | 85          | 90          | 2655                  |
|        |        |   |         |             |                | O<br>C<br>T | N<br>O<br>V | D<br>E<br>C | J<br>A<br>N | F<br>E<br>B | M<br>A<br>R | A<br>P<br>R | M<br>A<br>Y | J<br>U<br>N        | J<br>U<br>L | A<br>U<br>G | S<br>E<br>P | O<br>C<br>T | N<br>O<br>V | D<br>E<br>C | J<br>A<br>N | F<br>E<br>B | M<br>A<br>R | A<br>P<br>R | M<br>A<br>Y | J<br>U<br>N | J<br>U<br>L | A<br>U<br>G | S<br>E<br>P |                       |
|        |        |   |         |             |                |             |             |             |             |             |             |             |             |                    |             |             |             |             |             |             |             |             |             |             |             |             |             |             |             |                       |
| M      |        |   |         |             |                |             |             | PRODU       | ICTION      | RATES       |             |             |             |                    |             | A           | DMIN I      | EAD T       | IME         |             | MFR         |             | TOTA        |             | REMA        |             |             | 201 1       |             | 1 .1                  |
| F      |        |   |         |             |                |             |             |             |             |             | Reac        | hed M       | FR          |                    |             | Prio        | or 1 Oct    | After       | r 1 Oct     | Aft         | ter 1 Oct   |             | After 1     | Oct         |             |             |             | th as 679   |             | ude other<br>entified |
| R      |        |   | Nam     | e - Locati  | on             |             | 1           | MIN         | 1-8-5       | MAX         | D-          | +           | 1 Ini       | tial               |             |             | 2           |             | 12          |             | 5           |             | 17          |             | on the      | Army's      | Vanguar     | d P-Forn    | as, 426     | on the M1             |
| 1      | Kongs  | gsberg Aerospace, Johnstown, PA 420 2400 3000 |         |             |                |             |             |             |             |             |             | Re          | order       |                    |             | 2           |             | 4           |             | 12          |             | 16          |             |             | m P-For     |             | , and 34 o  | on M93      | Fox         |                       |
|        |        |   |         |             |                |             |             |             |             |             |             |             | Ini         | tial               |             |             |             |             |             |             |             |             |             |             |             |             |             |             |             |                       |
|        |        |   |         |             |                |             |             |             |             |             |             |             | Re          | order              |             |             |             |             |             |             |             |             |             |             |             |             |             |             |             |                       |
|        |        |   |         |             |                |             |             |             |             |             |             | Ini         | tial        |                    |             |             |             |             |             |             |             |             |             |             |             |             |             |             |             |                       |
|        |        |   |         |             |                |             |             |             |             |             |             | Re          | order       |                    |             |             |             |             |             |             |             |             |             |             |             |             |             |             |             |                       |
|        |        |   |         |             |                |             |             |             |             | Ini         | tial        |             |             |                    |             |             |             |             |             |             |             |             |             |             |             |             |             |             |             |                       |
|        |        |   |         |             |                |             |             |             |             |             |             |             | Re          | order              |             |             |             |             |             |             |             |             |             |             |             |             |             |             |             |                       |
|        |        |   |         |             |                |             |             |             | Ini         | tial        |             |             |             |                    |             |             |             |             |             |             |             |             |             |             |             |             |             |             |             |                       |
|        |        |   |         |             |                |             |             |             |             | Re          | order       | -           |             |                    |             |             |             |             |             |             |             |             |             |             |             |             |             |             |             |                       |

|        |        | F       | FY 10 /    | 11 BU       | J <b>DGE</b> T | Γ PR(       | ODUC        | CTIO        | N SCI       | HEDU        | LE          |             |             | P-1 ITEM<br>Common |             |             |             | pons St     | ation (C    | ROWS)       | (G04700     | ))          | Date        | e:          | May 20      | 009         |             |             |             |       |   |
|--------|--------|---------|------------|-------------|----------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|--------------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------|---|
|        | C      | OST     | ELEM       | IENTS       | ,              |             |             |             |             |             | Fiscal Y    | ear 10      |             |                    |             |             |             |             |             |             |             |             | Fiscal Y    | ear 11      |             |             |             |             |             |       |   |
|        |        | S       | PROC       | ACCEP       | BAL            |             |             |             |             |             |             |             |             | Calendar           | Year 1      | .0          |             |             |             |             |             |             |             | Calen       | dar Yea     | ır 11       |             |             |             |       |   |
| M      |        | Е       | QTY        | PRIOR       | DUE            | 0           | N.          |             | , 1         | Б           |             |             |             |                    |             |             |             | 0           | N           | Б.          |             | -           |             |             |             |             |             |             |             |       |   |
| F<br>R | FY     | R<br>V  | Units      | TO<br>1 OCT | AS OF<br>1 OCT | O<br>C<br>T | N<br>O<br>V | D<br>E<br>C | J<br>A<br>N | F<br>E<br>B | M<br>A<br>R | A<br>P<br>R | M<br>A<br>Y | J<br>U<br>N        | J<br>U<br>L | A<br>U<br>G | S<br>E<br>P | O<br>C<br>T | N<br>O<br>V | D<br>E<br>C | J<br>A<br>N | F<br>E<br>B | M<br>A<br>R | A<br>P<br>R | M<br>A<br>Y | J<br>U<br>N | J<br>U<br>L | A<br>U<br>G | S<br>E<br>P | Later |   |
| CRO    | OWS sy | stem    |            |             |                |             |             | •           |             |             | •           |             |             |                    | •           |             | •           |             |             |             |             |             |             |             |             |             |             | •           |             |       |   |
| 1      | FY 06  | A       | 763        | 763         |                |             |             |             |             |             |             |             |             |                    |             |             |             |             |             |             |             |             |             |             |             |             |             |             |             | 0     |   |
| 1      | FY 07  | A       | 1165       | 1165        |                |             |             |             |             |             |             |             |             |                    |             |             |             |             |             |             |             |             |             |             |             |             |             |             |             | 0     | l |
| 1      | FY 08  | A       | 700        | 260         | 440            | 90          | 90          | 90          | 90          | 80          |             |             |             |                    |             |             |             |             |             |             |             |             |             |             |             |             |             |             |             | 0     | l |
| 1      | FY 09  | A       | 1215       | 0           | 1215           | A           |             |             |             |             | 120         | 120         | 120         | 120                | 120         | 120         | 120         | 125         | 125         | 125         |             |             |             |             |             |             |             |             |             | 0     | ] |
| 1      | FY 10  | A       | 1000       | 0           | 1000           |             |             |             |             | A           |             |             |             |                    |             |             |             |             |             |             | 125         | 125         | 125         | 125         | 125         | 125         | 125         | 125         |             | 0     | ] |
| 1      | FY 08  | AF      | 25         | 25          |                |             |             |             |             |             |             |             |             |                    |             |             |             |             |             |             |             |             |             |             |             |             |             |             |             | 0     | 1 |
| 1      | FY 08  | MC      | 4          | 4           |                |             |             |             |             |             |             |             |             |                    |             |             |             |             |             |             |             |             |             |             |             |             |             |             |             | 0     | 1 |
| 1      | FY 08  | SOC     | 120        | 120         |                |             |             |             |             |             |             |             |             |                    |             |             |             |             |             |             |             |             |             |             |             |             |             |             |             | 0     | 1 |
|        |        |         |            |             |                |             |             |             |             |             |             |             |             |                    |             |             |             |             |             |             |             |             |             |             |             |             |             |             |             |       | 1 |
|        |        |         |            |             |                |             |             |             |             |             |             |             |             |                    |             |             |             |             |             |             |             |             |             |             |             |             |             |             |             |       | ļ |
|        |        |         |            |             |                |             |             |             |             |             |             |             |             |                    |             |             |             |             |             |             |             |             |             |             |             |             |             |             |             |       | l |
|        |        |         |            |             |                |             |             |             |             |             |             |             |             |                    |             |             |             |             |             |             |             |             |             |             |             |             |             |             |             |       | ł |
|        |        |         |            |             |                |             |             |             |             |             |             |             |             |                    |             |             |             |             |             |             |             |             |             |             |             |             |             |             |             |       | ł |
| Tota   | .1     |         |            |             | 2655           | 90          | 90          | 90          | 90          | 80          | 120         | 120         | 120         | 120                | 120         | 120         | 120         | 125         | 125         | 125         | 125         | 125         | 125         | 125         | 125         | 125         | 125         | 125         |             |       | l |
| 100    | ш      |         |            |             | 2033           | 0           | 90<br>N     | 90<br>D     | 90<br>J     | F           | M           | A           | M           | J                  | J           | A           | S S         | 0           | N           | D           | J           | F           | M           | A           | M           | J           | J           | A A         | S           |       | l |
|        |        |         |            |             |                | C<br>T      | O<br>V      | E<br>C      | A<br>N      | E<br>B      | A<br>R      | P<br>R      | A<br>Y      | U<br>N             | U<br>L      | U<br>G      | E<br>P      | C<br>T      | O<br>V      | E<br>C      | A<br>N      | E<br>B      | A<br>R      | P<br>R      | A<br>Y      | U<br>N      | U<br>L      | U<br>G      | E<br>P      |       |   |
|        | 1      |         |            |             |                |             |             |             |             |             |             |             |             |                    |             | 1           |             |             |             | 1           |             |             |             |             | 1           |             |             |             |             |       |   |
| M      |        |         |            |             |                |             | 1           | PRODU       | CTION I     | RATES       |             |             |             |                    |             |             | DMIN I      | 1           |             | -           | MFR         |             | TOTA        |             | REMA        | RKS         |             |             |             |       |   |
| F      |        |         |            |             |                |             |             |             |             |             |             | ned MI      |             |                    |             | Pric        | r 1 Oct     | +           | r 1 Oct     | Aft         | er 1 Oct    |             | After 1     |             |             |             |             |             |             |       |   |
| R      |        |         |            | e - Locati  |                |             |             |             | 1-8-5       | MAX         | D+          | - 1         |             |                    |             |             | 2           | +           | 12          |             | 5           |             | 17          |             |             |             |             |             |             |       |   |
| 1      | Kongs  | berg Ae | rospace, . | Johnstown   | ı, PA          |             |             | 420         | 2400        | 3000        |             |             | _           | rder               |             |             | 2           |             | 4           |             | 12          |             | 16          |             |             |             |             |             |             |       |   |
|        |        |         |            |             |                |             |             |             |             |             |             |             | Init        |                    |             |             |             |             |             |             |             |             |             |             |             |             |             |             |             |       |   |
|        |        |         |            |             |                |             |             |             |             |             |             | _           | _           | rder               |             |             |             |             |             |             |             |             |             |             |             |             |             |             |             |       |   |
|        |        |         |            |             |                |             | -           |             |             |             |             |             | Init        |                    |             |             |             | 1           |             | -           |             |             |             |             |             |             |             |             |             |       |   |
|        |        |         |            |             |                |             |             |             |             |             |             |             |             | order              |             |             |             |             |             | 1           |             |             |             |             |             |             |             |             |             |       |   |
|        |        |         |            |             |                |             |             |             |             |             |             |             | Init        | rder               |             | -           |             | -           |             |             |             |             |             |             |             |             |             |             |             |       |   |
|        |        |         |            |             |                |             |             |             |             |             |             |             | Init        |                    |             |             |             | +           |             |             |             |             |             |             | }           |             |             |             |             |       |   |
|        |        |         |            |             |                |             |             |             |             |             |             |             | -           | rder               |             |             |             |             |             |             |             |             |             |             | 1           |             |             |             |             |       |   |

| Exhibit P-40, Budget Item   | Justification S | Sheet       |      |                   |                              |         | Date:       | ay 2009    |
|---|-----------------|-------------|------|-------------------|------------------------------|---------|-------------|------------|
| Appropriation / Budget Activity / Seria<br>Procurement of W&TCV, Army / 2 / V |                 | at vehicles |      |                   | P-1 Item Nomencla<br>HANDGUN |         | ·           |            |
| Program Elements for Code B Items:<br>0604601A - Infantry Support Weapon      | s               | Code:       | В    | Other Related Pro | gram Elements:               |         |             |            |
|   | Prior Years     |             | FY 2 | 2008              | FY 2009                      | FY 2010 | To Complete | Total Prog |
| Proc Qty  |                 |             |      |                   | 2895                         | 5000    |             | 7895       |
| Gross Cost  |                 |             |      |                   | 2.0                          | 3.4     |             | 5.4        |
| Less PY Adv Proc  |                 |             |      |                   |                              |         |             |            |
| Plus CY Adv Proc  |                 |             |      |                   |                              |         |             |            |
| Net Proc P1   |                 |             |      |                   | 2.0                          | 3.4     |             | 5.4        |
| Initial Spares  |                 |             |      |                   |                              |         |             |            |
| Total Proc Cost   |                 |             |      |                   | 2.0                          | 3.4     |             | 5.4        |
| Flyaway U/C   |                 |             |      |                   |                              |         |             |            |
| Weapon System Proc U/C  |                 |             |      |                   | 0.0                          | 0.0     |             | 0.0        |
| D 1.1   |                 | •           |      | •                 |                              | •       |             | •          |

The Handgun will fund the procurement of the M9 Pistols or the new Modular Handgun System. Currently the M9 Pistol is utilized as a Personal Defense Weapon provided in the field. The new Modular Handgun System is on hold pending an approved Capability Production Document by the Joint Requirements Oversight Council. This new Modular Handgun System would replace the M9 Pistol as a new Personal Defense Weapon.

## Justification:

FY10 Base procurement dollars in the amount of \$3.389 million supports the Active Army by purchasing 5,000 M9 Pistols or the new Modular Handgun System as a Personal Defense Weapon (PDW).

G15325 HANDGUN Item No. 32 Page 1 of 1 192 Exhibit P-40 Budget Item Justification Sheet

| Exhibit P-40, Budget Item   | Justification Sheet |              |                              |                                     | Date:       | ay 2009    |
|---|---------------------|--------------|------------------------------|-------------------------------------|-------------|------------|
| Appropriation / Budget Activity / Seria<br>Procurement of W&TCV, Army / 2 / |                     | S            | P-1 Item Nomencla<br>HOWITZE | ature<br>R LT WT 155MM (T) (G01700) |             |            |
| Program Elements for Code B Items: 0604854-509                              | Code:               | Other Relate | ed Program Elements:         |                                     |             |            |
|   | Prior Years         | FY 2008      | FY 2009                      | FY 2010                             | To Complete | Total Prog |
| Proc Qty  | 113                 | 203          | 38                           | 53                                  |             | 407        |
| Gross Cost  | 268.2               | 470.6        | 112.9                        | 157.6                               |             | 1009.2     |
| Less PY Adv Proc  |                     |              |                              |                                     |             |            |
| Plus CY Adv Proc  |                     |              |                              |                                     |             |            |
| Net Proc P1   | 268.2               | 470.6        | 5 112.9                      | 157.6                               |             | 1009.2     |
| Initial Spares  |                     |              |                              |                                     |             |            |
| Total Proc Cost   | 268.2               | 470.6        | 112.9                        | 157.6                               |             | 1009.2     |
| Flyaway U/C   | 0.0                 | 0.0          | 0.0                          | 0.0                                 |             | 0.0        |
| Weapon System Proc U/C  | 2.4                 | 2.3          | 3.0                          | 3.0                                 |             | 10.6       |

The Lightweight 155mm Howitzer (LW155), also known as the M777A2, provides direct, reinforcing, and general support fires to maneuver forces. It replaces all howitzers in all missions in the USMC and replaces the M198 howitzer as the general support artillery for light forces in the Army. The LW155 fires unassisted projectiles to a range of 15 miles and assisted projectiles to 19 miles, but the addition of the digital fire control system enables the weapon to program and fire the improved Excalibur precision-guided munition to ranges in excess of 25 miles with better than 10-meter Circular Error Probable (CEP) accuracy. The LW155 is the first ground combat system whose major structures are made of high strength titanium alloy and the system makes extensive use of hydraulics to operate the breech, load tray, recoil and wheel arms. The combination of titanium structures and the use of hydraulic systems resulted in a significant weight savings over the M198 system (>7000 lbs.). Compared to the M198, the LW155 emplaces three-times faster and displaces four-times faster. It traverses 32 percent more terrain worldwide and is 70 percent more survivable than the M198.

FY08 production is the final year of a joint FY2005-FY2008 multiyear procurement with the USMC.

FY09-FY10 Weapon System procurement unit cost is higher because the Howitzer procurement will be awarded as single year buys.

#### Justification:

The LW155 replaces the M198 Towed Howitzer for the U.S. Army and USMC. The LW155 must be procured in FY2010 to continue the replacement of the aging, heavier M198 howitzer. This is scheduled to be the final year of the LW155 production line. The LW155 is the cannon fire support for the Army's Stryker Brigade Combat Teams (SBCT) and is capable of firing the 155mm Excalibur Precision Munition.

FY10 Base funding in the amount of \$49.572 million will procure 17 Lightweight 155mm Towed Howitzers (LW155).

FY10 Overseas Contingency Operations (OCO) funding in the amount of \$107.996 million will procure 36 Lightweight 155mm Towed Howitzers (LW155).

|        |            | FY2008    | FY2009   | FY2010    |
|--------|------------|-----------|----------|-----------|
| Active | QTY        | 113       | 25       | 36        |
|        | Gross Cost | \$320.749 | \$72.841 | \$111.678 |

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| Exhibit P-                | 40, Budge               | t Item Just                         | tification             | Sheet          |                   |  |                   | Date: May 2009 |  |
|---------------------------|-------------------------|-------------------------------------|------------------------|----------------|-------------------|--|-------------------|----------------|--|
| Appropriation /           | Budget Activ            | ity / Serial No<br>Army / 2 / Weapo | :<br>ons and other con | nbat vehicles  |                   | P-1 Item Nomenclature<br>HOWITZER LT WT 15 | 55MM (T) (G01700) | ,              |  |
| Program Elemen<br>0604854 | nts for Code B<br>4-509 | Items:                              |                        | Code:          | Other Related Pro | ogram Elements:                            |                   |                |  |
| National Guard            | QTY<br>Gross Cost       | 90<br>\$149.842                     | 13<br>\$40.030         | 17<br>\$45.890 |                   |  |                   |                |  |
|                           |                         |                                     |                        |                |                   |  |                   |                |  |
|                           |                         |                                     |                        |                |                   |  |                   |                |  |
|                           |                         |                                     |                        |                |                   |  |                   |                |  |
|                           |                         |                                     |                        |                |                   |  |                   |                |  |
|                           |                         |                                     |                        |                |                   |  |                   |                |  |
|                           |                         |                                     |                        |                |                   |  |                   |                |  |
|                           |                         |                                     |                        |                |                   |  |                   |                |  |

| Exhibit P-5, Weapon WTCV Cost Analysis  | Appropriation/Budget Activity/Serial No:<br>Procurement of W&TCV, Army / 2 / Weap<br>combat vehicles | ons and |            |        | omenclature:<br>WT 155MM (T) ( | G01700)    |       | Weapon System | m Type:    | Date: | May 2009  |
|---|--|---------|------------|--------|--------------------------------|------------|-------|---------------|------------|-------|-----------|
| WTCV                                    |  | ID      |            | FY 08  |                                |            | FY 09 |               |            | FY 10 |           |
| Cost Elemen                             | ts   | CD      | Total Cost | Qty    | Unit Cost                      | Total Cost | Qty   | Unit Cost     | Total Cost | Qty   | Unit Cost |
|   |  |         | \$000      | Units  | \$000                          | \$000      | Units | \$000         | \$000      | Units | \$000     |
| WVA Cannon Long Lead                    |  |         |            |        |                                |            |       |               |            |       |           |
| BAE Lightweight 155mm Howitzer          |  |         | 36540      | 203    | 1800                           | 86375      | 38    | 2273          | 120469     | 53    | 2273      |
| Watervliet Arsenal Cannon               |  |         | 5075       | 50 203 | 250                            | 9500       | 38    | 250           | 13250      | 53    | 250       |
| Primer Feed Mechanism                   |  |         | 400        | 50 203 | 20                             | 798        | 38    | 21            | 1113       | 53    | 21        |
| Optical Fire Control                    |  |         | 913        | 35 203 | 45                             | 1824       | 38    | 48            | 2544       | 53    | 48        |
| Basic Initial Issue                     |  |         | 2262       | 29     |                                | 4236       |       |               | 5908       | 3     |           |
| Watervliet Arsenal Facilitization       |  |         |            |        |                                |            |       |               |            |       |           |
| System Engineering / Program Management |  |         | 825        | 55     |                                | 5310       |       |               | 7550       | )     |           |
| Test                                    |  |         | 468        | 30     |                                | 2250       |       |               | 3138       | 3     |           |
| Fielding                                |  |         | 568        | 32     |                                | 2578       |       |               | 3596       | 5     |           |
| Total:                                  |  |         | 47059      | 1      |                                | 112871     |       |               | 157568     | 3     |           |

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| Exhibit P-5a, Budget Procu  | rement History an                     | d Planning        |                                |   |            |                           |              |                    | ate:<br>Iay 2009       | )                      |                      |
|---|---------------------------------------|-------------------|--------------------------------|---|------------|---------------------------|--------------|--------------------|------------------------|------------------------|----------------------|
| Appropriation/Budget Activity/Serial No: Procurement of W&TCV, Army/ 2/ Weapons and |                                       | on System Type:   | P-1 Line Item<br>HOWITZER I    | Nomenclature:<br>LT WT 155MM (T) (G01700) |            |                           |              | •                  |                        |                        |                      |
| WBS Cost Elements:  | Contra                                | ctor and Location | Contract<br>Method and<br>Type | Location of PCO                           | Award Date | Date of First<br>Delivery | QTY<br>Units | Unit Cost<br>\$000 | Specs<br>Avail<br>Now? | Date<br>Revsn<br>Avail | RFP<br>Issue<br>Date |
| BAE Lightweight 155mm Howitzer  |                                       |                   |                                |   |            |                           |              |                    |                        |                        |                      |
| FY 2008   | BAE SYSTEMS<br>Barrow-in-Furne        |                   | MYP/FFP                        | Picatinny Arsenal, NJ                     | Mar 08     | Jul 08                    | 203          | 1800               |                        |                        |                      |
| FY 2009   | BAE SYSTEMS<br>Barrow-in-Furne        |                   | SS/FFP                         | Picatinny Arsenal, NJ                     | Oct 08     | Jul 10                    | 38           | 2273               |                        |                        |                      |
| FY 2010   | BAE SYSTEMS<br>Barrow-in-Furne        |                   | SS/FFP                         | Picatinny Arsenal, NJ                     | Oct 09     | Dec 10                    | 53           | 2273               |                        |                        |                      |
| Watervliet Arsenal Cannon   |                                       |                   |                                |   |            |                           |              |                    |                        |                        |                      |
| FY 2008   |                                       |                   | MIPR                           | N/A                                       | Oct 07     | Jun 08                    | 203          | 250                |                        |                        |                      |
| FY 2009   |                                       |                   | MIPR                           | N/A                                       | Oct 08     | May 09                    | 38           | 250                |                        |                        |                      |
| FY 2010   |                                       |                   | MIPR                           | N/A                                       | Oct 09     | Sep 10                    | 53           | 250                |                        |                        |                      |
| Primer Feed Mechanism   |                                       |                   |                                |   |            |                           |              |                    |                        |                        |                      |
| FY 2008   | Triumph Actuato<br>Bloomfield, CT (   |                   | MYP/FFP                        | Picatinny Arsenal, NJ                     | Oct 07     | Jun 08                    | 203          | 20                 |                        |                        |                      |
| FY 2009   | Triumph Actuato<br>Bloomfield, CT (   |                   | SS/FFP                         | Picatinny Arsenal, NJ                     | Oct 08     | May 09                    | 38           | 21                 |                        |                        |                      |
| FY 2010   | Triumph Actuato<br>Bloomfield, CT (   |                   | SS/FFP                         | Picatinny Arsenal, NJ                     | Oct 09     | Sep 10                    | 53           | 21                 |                        |                        |                      |
| Optical Fire Control  |                                       |                   |                                |   |            |                           |              |                    |                        |                        |                      |
| FY 2008   | Seiler Instrument<br>St. Louis, MO 63 |                   | MYP/FFP                        | Picatinny Arsenal, NJ                     | Oct 07     | Jun 08                    | 203          | 45                 |                        |                        |                      |
| FY 2009   | Seiler Instrument<br>St. Louis, MO 63 |                   | SS/FFP                         | Picatinny Arsenal, NJ                     | Oct 08     | May 09                    | 38           | 48                 |                        |                        |                      |
| FY 2010   | Seiler Instrument<br>St. Louis, MO 63 |                   | SS/FFP                         | Picatinny Arsenal, NJ                     | Oct 09     | Sep 10                    | 53           | 48                 |                        |                        |                      |

REMARKS: Prior LW155 Towed Howitzer procurement was accomplished through a Multiyear (FY05-FY08) Procurement Contract. Contracts for the procurement of howitzers, primer feed mechanisms, and optical fire control for FY2009 and FY2010 quantities will be awarded as single year buys.

FY09/FY10 Weapon System procurement unit cost is higher because the Howitzer procurement will be awarded as single year buys.

|         | FY 09 / 10 BUDGET PRODUCTION SCHEDULE |                            |                |                |             |             |                   |             |             |             |             |             |                    |             |             |             |             |             |             |             |             |             |             |             |                      |             |                    |             |                      |   |
|---------|---------------------------------------|----------------------------|----------------|----------------|-------------|-------------|-------------------|-------------|-------------|-------------|-------------|-------------|--------------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|----------------------|-------------|--------------------|-------------|----------------------|---|
|         |                                       | FY 09                      | / 10 BU        | JDGE           | ΓPRO        | ODUC        | CTIO              | N SCI       | HEDU        | JLE         |             |             | P-1 ITEN<br>HOWITZ |             |             |             | (G0170      | 0)          |             |             |             | Dat         | te:         | May 20      | 009                  |             |                    |             |                      |   |
|         | COS                                   | Γ ELEM                     | IENTS          | }              |             |             |                   |             |             | Fiscal Y    | Year 09     |             |                    |             |             |             |             |             |             |             |             | Fiscal Y    | ear 10      | ١           |                      |             |                    |             |                      |   |
| M       | S<br>E                                | PROC<br>QTY                | ACCEP<br>PRIOR | BAL<br>DUE     |             |             |                   |             |             |             |             |             | Calenda            | r Year 0    | )9          |             |             |             |             |             |             |             | Calen       | dar Yea     | r 10                 |             |                    |             |                      |   |
| F F     |                                       | Units                      | TO<br>1 OCT    | AS OF<br>1 OCT | O<br>C<br>T | N<br>O<br>V | D<br>E<br>C       | J<br>A<br>N | F<br>E<br>B | M<br>A<br>R | A<br>P<br>R | M<br>A<br>Y | J<br>U<br>N        | J<br>U<br>L | A<br>U<br>G | S<br>E<br>P | O<br>C<br>T | N<br>O<br>V | D<br>E<br>C | J<br>A<br>N | F<br>E<br>B | M<br>A<br>R | A<br>P<br>R | M<br>A<br>Y | J<br>U<br>N          | J<br>U<br>L | A<br>U<br>G        | S<br>E<br>P | Later                |   |
| LW155   | (USMC                                 | - For Inform               | nation Onl     | y)             |             |             |                   |             | l l         |             |             |             |                    |             |             |             |             |             |             |             |             | ı           | ı           |             |                      |             |                    |             | I                    |   |
| 1 FY    | 08 MC                                 | 100                        | 24             | 76             | 8           | 8           | 8                 | 8           | 8           | 8           | 8           | 8           | 8                  | 4           |             |             |             |             |             |             |             |             |             |             |                      |             |                    |             | 0                    | Γ |
| 1 FY    | 9 FM                                  | S 25                       | 1              | 24             |             |             |                   |             |             |             |             |             |                    |             |             |             |             |             |             |             |             |             |             | 4           | 4                    | 4           | 4                  | 4           | 4                    | l |
| 1 FY    | 9 MC                                  | 24                         | 0              | 24             |             |             |                   |             |             |             |             |             |                    |             |             |             |             | 4           | 4           | 4           | 4           | 4           | 4           |             |                      |             |                    |             | 0                    | l |
| 1 FY    | 0 FM                                  | S 35                       | 0              | 35             |             |             |                   |             |             |             |             |             |                    |             |             |             |             |             |             |             |             |             |             |             |                      |             |                    |             | 35                   | l |
| 1 FY    | 0 MC                                  | 18                         | 0              | 18             |             |             |                   |             |             |             |             |             |                    |             |             |             |             |             |             |             |             |             |             |             |                      |             |                    |             | 18                   |   |
| Lightwe | ight 155                              | imm Towed Howitzer (LW155) |                |                |             |             |                   |             |             |             |             |             |                    |             |             |             |             |             |             |             |             |             |             |             |                      |             |                    |             |                      |   |
| 1 FY    |                                       |                            |                |                |             |             |                   |             |             |             | 8           | 8           | 8                  | 8           | 8           | 8           | 8           | 8           | 8           | 8           | 8           | 8           | 8           | 8           | 8                    | 5           | 4                  | 2           | 0                    |   |
| 1 FY    | )9 A                                  | 38                         | 0              | 38             | A           |             |                   |             |             |             |             |             |                    |             |             |             |             |             |             |             |             |             |             |             |                      | 7           | 8                  | 8           | 15                   |   |
| 1 FY    | 0 A                                   | 53                         | 0              | 53             |             |             |                   |             |             |             |             |             |                    |             |             |             | A           |             |             |             |             |             |             |             |                      |             |                    |             | 53                   |   |
|         |                                       |                            |                |                |             |             |                   |             |             |             |             |             |                    |             |             |             |             |             |             |             |             |             |             |             |                      |             |                    |             |                      |   |
|         |                                       |                            |                |                |             |             | <u> </u>          |             |             |             |             |             |                    |             |             |             |             |             |             |             |             |             |             |             |                      |             |                    |             |                      |   |
|         |                                       |                            |                |                |             |             |                   |             |             |             |             |             |                    |             |             |             |             |             |             |             |             |             |             |             |                      |             |                    |             |                      | l |
|         |                                       |                            |                |                |             |             | <u> </u>          |             |             |             |             |             |                    |             |             |             |             |             |             |             |             |             |             |             |                      |             |                    |             |                      | l |
|         |                                       |                            |                |                |             |             |                   |             |             |             |             |             |                    |             |             | 0           |             |             |             | - 10        |             |             |             |             | - 40                 |             |                    |             |                      | l |
| Total   |                                       |                            |                | 447            | 16          | 16          | 16                | 16          | 16          | 16          | 16          | 16          | 16                 | 12          | 8           | 8           | 8           | 12          | 12          | 12          | 12<br>F     | 12          | 12          | 12          | 12                   | 16          | 16                 | 14          | 125                  | l |
|         |                                       |                            |                |                | O<br>C<br>T | N<br>O<br>V | D<br>E<br>C       | J<br>A<br>N | F<br>E<br>B | M<br>A<br>R | A<br>P<br>R | M<br>A<br>Y | J<br>U<br>N        | J<br>U<br>L | A<br>U<br>G | S<br>E<br>P | O<br>C<br>T | N<br>O<br>V | D<br>E<br>C | J<br>A<br>N | E<br>B      | M<br>A<br>R | A<br>P<br>R | M<br>A<br>Y | J<br>U<br>N          | J<br>U<br>L | A<br>U<br>G        | S<br>E<br>P |                      |   |
|         |                                       |                            |                |                |             |             |                   |             |             |             |             |             |                    |             |             |             |             |             |             |             |             |             |             |             |                      |             |                    |             |                      |   |
| M       |                                       |                            |                |                |             | ]           | PRODU             | CTION       | RATES       |             |             |             |                    |             | A           | DMIN I      | EAD T       | IME         |             | MFR         |             | TOTA        | <b>A</b> L  | REMA        |                      |             |                    |             |                      |   |
| F       |                                       |                            |                |                |             |             |                   |             |             | Reac        | hed M       | FR          |                    |             | Prio        | or 1 Oct    | After       | r 1 Oct     | Aft         | er 1 Oct    |             | After 1     | Oct         |             | 705-08 F<br>tion Con |             |                    |             |                      |   |
| R       |                                       | Nan                        | ne - Locati    | on             |             | N           | MIN               | 1-8-5       | MAX         | D-          | <b>+</b> :  | Ini         | tial               |             |             | 0           |             | 1           |             | 11          |             | 12          |             | Joint M     | Iulti-Yea            | ar procui   | ement              | ~           |                      |   |
| 1 BA    | E SYST                                | EMS, Barro                 | w-in-Furr      | ness, UK       |             |             | 48                | 192         | 192         |             |             | Re          | order              |             |             | 0           |             | 1           |             | 14          |             | 15          |             |             |                      |             | Muti-Ye<br>. Admin |             | ract was<br>oduction |   |
|         |                                       |                            |                |                |             |             |                   |             |             |             |             | Ini         | tial               |             |             |             |             |             |             |             |             |             |             | Leadtir     | nes are f            | rom the     | original           | FY05 b      | uy.                  |   |
|         |                                       |                            |                |                |             |             |                   |             |             |             |             | Re          | order              |             |             |             |             |             |             |             |             |             |             |             |                      |             |                    |             |                      |   |
|         |                                       |                            |                |                |             |             |                   |             |             |             |             | Ini         | tial               |             |             |             |             |             |             |             |             |             |             |             |                      |             |                    |             |                      |   |
|         |                                       |                            |                |                |             |             | $\longrightarrow$ |             |             |             |             | Re          | order              |             |             |             |             |             |             |             |             |             |             |             |                      |             |                    |             |                      |   |
|         |                                       |                            |                |                |             |             | $\longrightarrow$ |             |             |             |             | Ini         | tial               |             |             |             | 1           |             |             |             |             |             |             |             |                      |             |                    |             |                      |   |
|         |                                       |                            |                |                |             |             | $\longrightarrow$ |             |             |             |             | Re          | order              |             |             |             | 1           |             |             |             |             |             |             | 1           |                      |             |                    |             |                      |   |
|         |                                       |                            |                |                |             |             | $\longrightarrow$ |             |             |             | _           | Ini         | tial               |             |             |             |             |             |             |             |             |             |             | 1           |                      |             |                    |             |                      |   |
|         |                                       |                            |                |                |             |             |                   |             |             | 1           |             | Re          | order              |             |             |             | 1           |             | l           |             |             |             |             |             |                      |             |                    |             |                      |   |

| Part   |          | FY 11 / 12 BUDGET PRODUCTION SCHEDULE |        |           |            |          |      |      |       |          |          |          |        |      |         |          |     |          |        |         |     |           |   |          |            |         |       |   |   |   |       |   |
|--|----------|---------------------------------------|--------|-----------|------------|----------|------|------|-------|----------|----------|----------|--------|------|---------|----------|-----|----------|--------|---------|-----|-----------|---|----------|------------|---------|-------|---|---|---|-------|---|
| Note   1   1   2   2   3   3   3   3   3   3   3   3   |          |                                       | F      | FY 11 /   | 12 BU      | DGE      | ΓPRO | ODUC | CTIO  | N SCI    | HEDU     | ILE      |        |      |         |          |     |          | (G0170 | 10)     |     |           |   | Dat      | te:        | May 20  | 009   |   |   |   |       |   |
| No   |          | CO                                    | )ST    | ELEM      | IENTS      |          |      |      |       |          |          | Fiscal ' | Year 1 | 1    | 1       |          |     |          |        |         |     |           |   | Fiscal Y | ear 12     | }       |       |   |   |   |       |   |
| N  | М        |                                       |        |           |            |          |      |      |       |          |          |          |        |      | Calenda | r Year 1 | 1   |          |        |         |     |           |   |          | Calen      | dar Yea | ar 12 |   |   |   |       |   |
| F   F   08   | F I      | Y                                     | R      | _         | ТО         | AS OF    | C    | О    | E     | A        | E        | A        | P      | A    | U       | U        | U   | E        | C      | О       | E   | A         | E | A        | P          | A       | U     |   | U | E | Later |   |
| FY 09   FM 18   22   22   24   24   24   24   24   2   | LW155    | (USN                                  | MC - F | or Inform | nation Onl | y)       |      | Į    | Į     | I.       | l l      |          |        | 1    | 1       |          |     | l l      |        |         |     |           |   |          | l          | l       | l     |   |   |   | Į     | _ |
| 1   Y   Y   0   N   0   2   2   2   2   0   0   0   0   0  | 1 FY     | 08                                    | MC     | 100       | 100        |          |      |      |       |          |          |          |        |      |         |          |     |          |        |         |     |           |   |          |            |         |       |   |   |   | 0     | Γ |
| T Y 10   | 1 FY     | 09                                    | FMS    | 25        | 21         | 4        | 4    |      |       |          |          |          |        |      |         |          |     |          |        |         |     |           |   |          |            |         |       |   |   |   | 0     |   |
|  | 1 FY     | 09                                    | MC     | 24        | 24         |          |      |      |       |          |          |          |        |      |         |          |     |          |        |         |     |           |   |          |            |         |       |   |   |   | 0     |   |
| Lightweight 15sm Towel Howitzer (LW15s)  1 FY 08   A   | 1 FY     | 10                                    | FMS    | 35        | 0          | 35       |      |      |       |          |          | 4        | 5      | 5    | 5 5     | 5        | 5   | 5        | 1      |         |     |           |   |          |            |         |       |   |   |   | 0     |   |
|  | 1 FY     |                                       |        |           |            |          |      |      |       |          |          | 1        |        |      |         |          |     |          |        |         |     |           |   |          |            |         |       |   |   |   | 0     |   |
|  | Lightw   | eight                                 | 155mn  | n Towed   | Howitzer   | (LW155)  |      |      |       |          |          |          |        |      |         |          |     |          |        |         |     |           |   |          |            |         |       |   |   |   |       |   |
| 1 FY 10 A 33 0 53 0 53 0 53 0 5 0 5 5 5 5 5 5 5 5  | 1 FY     | 08                                    | A      |           | 203        |          |      |      |       |          |          |          |        |      |         |          |     |          |        |         |     |           |   |          |            |         |       |   |   |   |       | 4 |
| Name - Location  | _        |                                       | A      |           |            |          | 8    | 7    |       |          |          |          |        |      |         |          |     |          |        |         |     |           |   |          |            |         |       |   |   |   |       |   |
| Name-Location   Name-Locatio   | 1 FY     | 10                                    | A      | 53        | 0          | 53       |      |      | 5     | 5        | 5        | 5        | 5      | 5    | 5 5     | 5        | 5   | 5        | 3      |         |     |           |   |          |            |         |       |   |   |   | 0     |   |
| Name-Location   Name-Locatio   |          |                                       |        |           |            |          |      |      |       |          |          |          |        |      |         |          |     |          |        |         |     |           |   |          |            |         |       |   |   |   |       |   |
| Name-Location   Name-Locatio   |          |                                       |        |           |            |          |      |      |       |          |          |          |        |      |         |          |     |          |        |         |     |           |   |          |            |         |       |   |   |   |       |   |
| Name-Location   Name-Locatio   |          |                                       |        |           |            |          |      |      |       |          |          |          |        | -    |         |          |     |          |        |         |     |           |   |          |            |         |       |   |   |   |       | - |
| Name-Location   Name-Locatio   |          |                                       |        |           |            |          |      |      |       |          |          |          |        |      |         |          |     |          |        |         |     |           |   |          |            |         |       |   |   |   |       |   |
| Name-Location   Name-Locatio   | Total    |                                       |        |           |            | 125      | 12   | Q    | 10    | 10       | 10       | 10       | 10     | 10   | 10      | 10       | 10  | 10       | 4      |         |     |           |   |          |            |         |       |   |   |   |       | l |
| A  | Total    |                                       |        |           |            | 123      |      |      |       | 1        |          |          |        | +    |         |          |     |          |        | N       | D   | J         | F | M        | A          | М       | J     | J | A | S |       | l |
| F         Name - Location         MIN         1-8-5         MAX         D+         Frior 1 Oct         After 1 Oct         A   |          |                                       |        |           |            |          | C    | 0    | Е     | A        | E        | Α        | P      | A    | U       | U        | U   | E        | C      | 0       | E   | A         | E | Α        | P          | Α       | U     | U | U | E |       |   |
| F         Name - Location         MIN         1-8-5         MAX         D+         Frior 1 Oct         After 1 Oct         A   |          |                                       |        |           |            |          |      |      |       |          |          |          |        |      |         |          |     |          |        |         |     |           |   |          |            |         |       |   |   |   |       |   |
| R         Name - Location         MIN         1-8-5         MAX         D+         1 Initial         0         1         11         12           1         BAE SYSTEMS, Barrow-in-Furness, UK         48         192         192         192         192         Reorder         0         1         14         15           2         1         1         1         1         1         1         1           3         1         1         1         1         1         1         1           4         1         1         1         1         1         1         1           5         1<  | M        |                                       |        |           |            |          |      | I    | PRODU | ICTION : | RATES    |          |        |      |         |          | Α   | DMIN I   | EAD T  | IME     |     | MFR       |   | TOTA     | <b>A</b> L | REMA    | RKS   |   |   |   |       |   |
| 1       BAE SYSTEMS, Barrow-in-Furness, UK       48       192       192       Peorder       0       1       14       15         2       1       1       1       1       1       1       1         3       1       1       1       1       1       1         4       1       1       1       1       1       1         5       1       1       1       1       1       1       1         6       1 <td>F</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>Reac</td> <td>hed M</td> <td>IFR</td> <td></td> <td></td> <td>Pri</td> <td>or 1 Oct</td> <td>After</td> <td>r 1 Oct</td> <td>Aft</td> <td>ter 1 Oct</td> <td></td> <td>After 1</td> <td>Oct</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td>  | F        |                                       |        |           |            |          |      |      |       |          |          | Reac     | hed M  | IFR  |         |          | Pri | or 1 Oct | After  | r 1 Oct | Aft | ter 1 Oct |   | After 1  | Oct        |         |       |   |   |   |       |   |
| Note   |          |                                       |        |           |            |          |      |      |       |          | <b>!</b> | D-       | +      | 1 In | nitial  |          |     | 0        |        | 1       |     | 11        |   | 12       |            |         |       |   |   |   |       |   |
| Reorder         Reorder         Initial         Initial <t< td=""><td>1 B</td><td>AE SY</td><td>YSTEM</td><td>AS, Barro</td><td>w-in-Furn</td><td>iess, UK</td><td></td><td></td><td>48</td><td>192</td><td>192</td><td></td><td></td><td>R</td><td>eorder</td><td></td><td></td><td>0</td><td></td><td>1</td><td></td><td>14</td><td></td><td>15</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></t<>  | 1 B      | AE SY                                 | YSTEM  | AS, Barro | w-in-Furn  | iess, UK |      |      | 48    | 192      | 192      |          |        | R    | eorder  |          |     | 0        |        | 1       |     | 14        |   | 15       |            |         |       |   |   |   |       |   |
| Initial   Reorder   Reor   |          |                                       |        |           |            |          |      |      |       |          |          |          |        | _    |         |          |     |          |        |         |     |           |   |          |            |         |       |   |   |   |       |   |
| Reorder         Initial         Reorder           Reorder         Initial         Initial           Reorder         Initial         Initial  |          |                                       |        |           |            |          |      |      |       |          |          |          |        |      |         |          |     |          |        |         |     |           |   |          |            |         |       |   |   |   |       |   |
| Initial   Init   |          |                                       |        |           |            |          |      |      |       |          |          |          |        | _    |         |          |     |          |        |         |     |           |   |          |            | _       |       |   |   |   |       |   |
| Reorder  |          |                                       |        |           |            |          |      |      | -     |          |          | +        |        |      |         |          | +   |          | 1      |         | -   |           |   |          |            | 1       |       |   |   |   |       |   |
| Initial Initia | $\vdash$ |                                       |        |           |            |          |      |      |       |          |          | +        |        | _    |         |          |     |          |        |         |     |           |   |          |            | -       |       |   |   |   |       |   |
|  |          |                                       |        |           |            |          |      |      | -     |          |          | +        |        |      |         |          | -   |          | 1      |         |     |           |   |          |            | -       |       |   |   |   |       |   |
| Paorder  |          |                                       |        |           |            |          |      |      | +     |          |          | +        |        |      | eorder  |          |     |          | 1      |         | -   |           |   |          |            | -       |       |   |   |   |       |   |

| Exhibit P-40, Budget Item   | Justification Shee | t    |              |                                |                                       | Date:       | ıy 2009       |
|---|--------------------|------|--------------|--------------------------------|---------------------------------------|-------------|---------------|
| Appropriation / Budget Activity / Seria<br>Procurement of W&TCV, Army / 2 / Y |                    | cles |              | P-1 Item Nomencla<br>MK-19 Gre | ature<br>nade Machine Gun MODS (GB300 |             | <u>y 2007</u> |
| Program Elements for Code B Items:  | Cod                | e:   | Other Relate | d Program Elements:            |                                       |             |               |
|   | Prior Years        | FY   | 2008         | FY 2009                        | FY 2010                               | To Complete | Total Prog    |
| Proc Qty  |                    |      |              |                                |                                       |             |               |
| Gross Cost  | 24                 | 9    | 6.2          | 7.6                            | 8.2                                   |             | 46.9          |
| Less PY Adv Proc  |                    |      |              |                                |                                       |             |               |
| Plus CY Adv Proc  |                    |      |              |                                |                                       |             |               |
| Net Proc P1   | 24                 | 9    | 6.2          | 7.6                            | 8.2                                   |             | 46.9          |
| Initial Spares  |                    |      |              |                                |                                       |             |               |
| Total Proc Cost   | 24                 | 9    | 6.2          | 7.6                            | 8.2                                   |             | 46.9          |
| Flyaway U/C   |                    |      |              |                                |                                       |             |               |
| Weapon System Proc U/C  |                    |      |              |                                |                                       |             |               |

The MK-19 Mod 3 is a self-powered, air-cooled, 40mm automatic grenade machine gun capable of a firing rate of 325-375 rounds per minute. It is used to engage point targets up to 1500 meters and provide suppressive fire at ranges up to 2200 meters. Since the initial fielding of the MK-19, various system enhancements have been identified that further improve the system by increasing operational capabilities and improving reliability, readiness, maintainability, and safety. These improvements include a lightweight adjustable sight bracket; a weapon-sight bracket interface; improved firing pin sear with modified firing pin; an adjustable secondary drive lever; and a Tactical Engagement Simulator (TES) to support Force-on-Force Training. Also, provides other ancillary equipment such as the M3 Tripod and Lightweight Tripod for dismounted machine Guns.

#### Justification:

FY10 Base procurement dollars in the amount of \$8.164 million supports the Army by purchasing 252 MK-19 Tactical Engagement Simulator (TES) and 100 M205 Tripods for the MK-19 Grenade Machine Gun. The TES provides Army units with the ability to realistically "train as they fight" by simulating force-on-force engagements in order to improve the user's effectiveness with this weapon system. The M205 Lightweight Tripod is a replacement for the current M3 Tripod.

GB3000 Item No. 34 Page 1 of 6 Exhibit P-40 MK-19 Grenade Machine Gun MODS 199 Budget Item Justification Sheet

| Exhibit P-40           | M, Budget Item Justifi               | ication Sheet            |         |                   |                 |                 | Date:<br>May 2009 |       |      |
|------------------------|--------------------------------------|--------------------------|---------|-------------------|-----------------|-----------------|-------------------|-------|------|
| Appropriation / Budget | t Activity / Serial No:              |                          |         | P-1 Item Nomencla | ture            |                 | <b>-</b>          |       |      |
| Procureme              | ent of W&TCV, Army / 2 / Weapons and | other combat vehicles    |         | MK-19             | Grenade Machine | e Gun MODS (GB3 | 000)              |       | ļ    |
| Program Elements for   | Code B Items:                        | Other Related Program El | ements: |                   |                 |                 |                   |       |      |
| Description            |                                      | Fiscal Years             |         |                   |                 |                 | l                 |       |      |
| OSIP No.               | Classification                       | 2008 & PR                | FY 2    | 2009              | FY 20           | 10              | TC                | Total |      |
| Tactical Engagemen     | nt Simulator (TES)                   | · ·                      |         | <u>.</u>          |                 | •               |                   |       |      |
| TBD1                   | Training                             | 13.2                     |         | 7.5               |                 | 7.8             | 0.0               |       | 28.5 |
| Lightweight Adjusta    | able Sight Bracket                   |                          |         |                   |                 |                 |                   |       |      |
| TBD2                   | Operational                          | 7.6                      |         | 0.1               |                 | 0.0             | 0.0               |       | 7.7  |
| Tripods                |                                      |                          |         |                   |                 |                 |                   |       | ,    |
| TBD3                   | Operational                          | 0.0                      |         | 0.0               |                 | 0.4             | 0.0               |       | 0.4  |
| Closed - Modification  | on Kit                               |                          |         |                   |                 |                 |                   |       | ,    |
| TBD4                   |                                      | 10.3                     |         | 0.0               |                 | 0.0             | 0.0               | ı     | 10.3 |
| Totals                 |                                      | 31.1                     |         | 7.6               |                 | 8.2             | 0.0               |       | 46.9 |

## INDIVIDUAL MODIFICATION Date:

MODIFICATION TITLE: Tactical Engagement Simulator (TES) [MOD 1] TBD1

MODELS OF SYSTEM AFFECTED: MK-19 Grenade Machine Gun

## DESCRIPTION / JUSTIFICATION:

The Tactical Engagement Simulator (TES) is a non-line of sight device which simulates the ballistic characteristics of the MK-19 Grenade Machine Gun (GMG). It serves as a training device to provide realistic training during force-on-force engagements.

## DEVELOPMENT STATUS / MAJOR DEVELOPMENT MILESTONE(S):

Production Contract Award 2Q05 (Actual)
First Production Delivered 3Q06 (Actual)
First Unit Equipped 3Q07 (Actual)

#### Installation Schedule

Inputs Outputs

Inputs Outputs

| Pr Yr  |   | FY 2 | 2009 |   |   | FY 2 | 2010 |   |   | FY 2 | 2011 |   |   | FY 2 | 2012 |   |   | FY 2 | 2013 |   |
|--------|---|------|------|---|---|------|------|---|---|------|------|---|---|------|------|---|---|------|------|---|
| Totals | 1 | 2    | 3    | 4 | 1 | 2    | 3    | 4 | 1 | 2    | 3    | 4 | 1 | 2    | 3    | 4 | 1 | 2    | 3    | 4 |
|        |   |      |      |   |   |      |      |   |   |      |      |   |   |      |      |   |   |      |      |   |
|        |   |      |      |   |   |      |      |   |   |      |      |   |   |      |      |   |   |      |      |   |

|   | FY 2014 |   |   |   |   | FY 2 | 2015 |   |   | FY 2 | 2016 |   |   | FY 2 | 2017 |   | То       | Totals |
|---|---------|---|---|---|---|------|------|---|---|------|------|---|---|------|------|---|----------|--------|
|   | 1       | 2 | 3 | 4 | 1 | 2    | 3    | 4 | 1 | 2    | 3    | 4 | 1 | 2    | 3    | 4 | Complete |        |
|   |         |   |   |   |   |      |      |   |   |      |      |   |   |      |      |   |          |        |
| İ |         |   |   |   |   |      |      |   |   |      |      |   |   |      |      |   |          |        |

METHOD OF IMPLEMENTATION:

Field Application

ADMINISTRATIVE LEADTIME:

5 months

PRODUCTION LEADTIME: 8 months

Contract Dates:

FY 2010 - Mar 10

FY 2011 -

FY 2012 -

May 2009

Delivery Dates:

FY 2010 - Oct 10

FY 2011 -

FY 2012 -

# INDIVIDUAL MODIFICATION Date: May 2009

MODIFICATION TITLE (cont): Tactical Engagement Simulator (TES) [MOD 1] TBD1

FINANCIAL PLAN: (\$ in Millions)

|                               | FY 2   | 2008  |     |     |     |     |     |     |      |      |
|-------------------------------|--------|-------|-----|-----|-----|-----|-----|-----|------|------|
|                               | and l  | Prior | 20  | 09  | 20  | 10  | Т   | С   | To   | tal  |
|                               | Qty \$ |       | Qty | \$  | Qty | \$  | Qty | \$  | Qty  | \$   |
| RDT&E                         |        |       |     |     |     |     |     |     |      |      |
| Procurement                   |        |       |     |     |     |     |     |     |      |      |
| Kit Quantity                  | 1088   |       | 228 |     | 252 |     |     |     | 1568 |      |
| Hardware                      |        | 10.5  |     | 6.7 |     | 6.9 |     |     |      | 24.1 |
| Engineering Support           |        | 1.7   |     | 0.6 |     | 0.6 |     |     |      | 2.9  |
| Integrated Logistical Support |        | 0.6   |     | 0.1 |     | 0.1 |     |     |      | 0.8  |
| Fielding                      |        | 0.4   |     | 0.1 |     | 0.2 |     |     |      | 0.7  |
| Installation of Hardware      |        |       |     |     |     |     |     |     |      |      |
| FY 2007 & Prior Equip Kits    |        |       |     |     |     |     |     |     |      |      |
| FY 2008 Kits                  |        |       |     |     |     |     |     |     |      |      |
| FY 2009 Equip Kits            |        |       |     |     |     |     |     |     |      |      |
| FY 2010 Equip Kits            |        |       |     |     |     |     |     |     |      |      |
| FY 2011 Equip Kits            |        |       |     |     |     |     |     |     |      |      |
| FY 2012 Equip Kits            |        |       |     |     |     |     |     |     |      |      |
| FY 2013 Equip Kits            |        |       |     |     |     |     |     |     |      |      |
| FY 2014 Equip Kits            |        |       |     |     |     |     |     |     |      |      |
|                               |        |       |     |     |     |     |     |     |      |      |
| Total Installment             | 0      | 0.0   | 0   | 0.0 | 0   | 0.0 | 0   | 0.0 | 0    | 0.0  |
| Total Procurement Cost        |        | 13.2  |     | 7.5 |     | 7.8 |     | 0.0 |      | 28.5 |

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|  |                 |          |          |        |           | IND                | IVIDU           | UAL M          | ODIFI  | CATION  | 1       |       |         |       |       |         |      |        |          | Date:    | May 20 | 09       |        |        |       |  |
|--|-----------------|----------|----------|--------|-----------|--------------------|-----------------|----------------|--------|---------|---------|-------|---------|-------|-------|---------|------|--------|----------|----------|--------|----------|--------|--------|-------|--|
| MODIFICATION '   | TITLE: Tri      | pods [M0 | OD 3] TB | BD3    |           |                    |                 |                |        |         |         |       |         |       |       |         |      |        |          |          |        |          |        |        |       |  |
| MODELS OF SYS  | TEM AFFI        | ECTED:   | MK-19 C  | Grenad | e Machi   | ne Gun             |                 |                |        |         |         |       |         |       |       |         |      |        |          |          |        |          |        |        |       |  |
| DESCRIPTION / J<br>M3 Tripods M3<br>caliber machine        | 3 Tripod        | and M2   |          |        |           |                    | (mou            | nt for         | M2/M   | K19 M   | Iachine | e Gur | ns in o | dismo | unted | role. l | M205 | Tripod | will red | duce the | Soldie | r burder | as the | curren | t .50 |  |
| DEVELOPMENT Developmental Type Classifica First Unit Equip | Operation - Sta | nal Tes  |          | OPME   | De        | ec 09 (1<br>Aug 10 | Planr<br>) (Pla | ned)<br>inned) | anned) |         |         |       |         |       |       |         |      |        |          |          |        |          |        |        |       |  |
| instanation Schedu   |                 | Pr Yr    | FY 2009  |        |           |                    |                 |                |        | FY 2011 |         |       |         |       |       | FY 2012 |      |        |          | FY 2013  |        |          |        |        |       |  |
|  |                 | Totals   |          | 1      |           | 3                  | 4               |                | 1      | FY 20   | 3       | 4     | 1       |       | 2     | 3       | 4    | 1      | 2        | 3        | 4      | 1        | 2 3    |        | 4     |  |
| Inputs<br>Outputs  |                 | Totals   |          |        | 2         |                    |                 |                | 1      |         | 3       |       | 1       |       |       |         | '    |        |          | 3        |        |          |        | 3      |       |  |
| Juipuis  |                 | FY       | 2014     | FY 201 |           |                    |                 | 015            | 5      |         |         |       | Y 2016  |       |       | FY 2017 |      | 7      |          |          |        |          | Tot    |        |       |  |
| 1  |                 |          |          | 3 4    |           | 1 2                |                 | 3              | 4      | 1       | 2       |       | 3       | 4     | 1     | 2       |      | 3      | 4        |          | Co     | mplete   |        |        |       |  |
| Inputs   |                 |          |          |        |           |                    |                 |                |        |         |         |       |         |       |       |         |      |        |          |          |        |          |        |        |       |  |
| Outputs  |                 |          |          |        |           |                    |                 |                |        |         |         |       |         |       |       |         |      |        |          |          |        |          |        |        |       |  |
| METHOD OF IMP  | PLEMENTA        | ATION:   | Fie      | ld App | olication | AD                 | MINI            | STRAT          | IVE LE | ADTIM   | E:      | 11    | month   | ıs    |       | PRO     | DDUC | TON LE | ADTIME   | : 5 mo   | nths   |          |        |        |       |  |

Field Application ADMINISTRATIVE LEADTIME:

Contract Dates:

FY 2010 - Sept 10

FY 2011 -

FY 2012 -

Delivery Dates:

FY 2010 - Feb 11

FY 2011 -

FY 2012 -

#### Date: May 2009 INDIVIDUAL MODIFICATION MODIFICATION TITLE (cont): Tripods [MOD 3] TBD3 FINANCIAL PLAN: (\$ in Millions) FY 2008 2009 TC and Prior 2010 Total \$ \$ \$ \$ Qty Qty Qty Qty \$ Qty RDT&E Procurement Quantity M205 Tripod 100 100 M205 Tripod 0.3 0.3 0.1 0.1 Engineering, ILS, TPF Support Installation of Hardware FY 2008 & Prior Equip -- Kits FY 2009 -- Kits FY 2010 Equip -- Kits FY 2011 Equip -- Kits FY 2012 Equip -- Kits FY 2013 Equip -- Kits FY 2014 Equip -- Kits FY 2015 Equip -- Kits TC Equip- Kits 0 0.0 0.0 0 0.0 0.0 0 Total Installment 0.0 0.0 0.0 0.4 0.0 Total Procurement Cost 0.4

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Exhibit P-3A Individual Modification

| Exhibit P-40, Budget Item   | <b>Justification Sheet</b> | ,      |                |                               |                          | Date:       | ıy 2009    |
|---|----------------------------|--------|----------------|-------------------------------|--------------------------|-------------|------------|
| Appropriation / Budget Activity / Seria<br>Procurement of W&TCV, Army / 2 / |                            | les    |                | P-1 Item Nomencla<br>M4 CARBI | ture<br>NE MODS (GB3007) | 1110        | y 2007     |
| Program Elements for Code B Items:  | Code                       | : O    | ther Related P | Program Elements:             |                          |             |            |
|   | Prior Years                | FY 200 | 08             | FY 2009                       | FY 2010                  | To Complete | Total Prog |
| Proc Qty  |                            |        |                |                               |                          |             |            |
| Gross Cost  | 466.7                      | 7      | 132.9          | 16.7                          | 31.5                     |             | 647.8      |
| Less PY Adv Proc  |                            |        |                |                               |                          |             |            |
| Plus CY Adv Proc  |                            |        |                |                               |                          |             |            |
| Net Proc P1   | 466.7                      | 7      | 132.9          | 16.7                          | 31.5                     |             | 647.8      |
| Initial Spares  |                            |        |                |                               |                          |             |            |
| Total Proc Cost   | 466.7                      | 7      | 132.9          | 16.7                          | 31.5                     |             | 647.8      |
| Flyaway U/C   |                            |        |                |                               |                          |             |            |
| Weapon System Proc U/C  |                            |        |                | _                             |                          |             |            |

The M4 Carbine Modification Program provides a Combat Optic, Close Quarters Battle Kit, an Improved Buttstock, Suppressor, and a Modular Weapon System. The Modular Weapon System includes a rail system, a top carry sling, a flashlight mount, a quick attach bracket kit for the M203 Grenade Launcher, and a back-up iron sight. It also provides the capability for firing the M203A1 Grenade Launcher (GL) with the M4 Carbine. In FY 2012 a New Start will be initiated to procure suppressors. The suppressor attaches to the muzzle end of the weapon (M4 Carbine and M16 Rifle) to reduce weapon flash, smoke, noise, and dust.

#### Justification:

FY10 Base procurement dollars in the amount of \$31.472 million supports the Army by purchasing Close Quarters Battle Kits and Improved Combat Optics. The Close Quarters Battle Kit provides the Soldier with multiple low cost items to increase lethality and survivability with the M4 carbine and/or M16A4 rifle. The Improved Combat Optics will enhance the capability to identify and engage targets from 300 to 600m for long-range first round hit. This system will not degrade the Soldier's ability to conduct reflexive fire techniques and will allow for the Soldier to transition rapidly between long-range engagements and close quarters engagements. This item used on the M4 Modular Weapon System (MWS) is a key component of Soldier lethality and allows the combat commander to configure weapons based upon the mission.

GB3007 Item No. 35 Page 1 of 6 Exhibit P-40 M4 CARBINE MODS 205 Budget Item Justification Sheet

| Exhibit P-40          | M, Budget Item Justif                | ication Sheet         |         |                  |             |         | Date:<br>May 2009          |        |
|-----------------------|--------------------------------------|-----------------------|---------|------------------|-------------|---------|----------------------------|--------|
| Appropriation / Budge | t Activity / Serial No:              |                       | P-1 I   | Item Nomenclatur | re          |         |                            |        |
| Procureme             | ent of W&TCV, Army / 2 / Weapons and | other combat vehicles |         | M4 CAR           | BINE MODS ( | GB3007) |                            |        |
| Program Elements for  | Code B Items:                        |                       |         |                  |             | Code:   | Other Related Program Elen | nents: |
| Description           |                                      | Fiscal Years          |         |                  |             |         | 1                          |        |
| OSIP No.              | Classification                       | 2008 & PR             | FY 2009 | 1                | FY 20       | 010     | TC                         | Total  |
| Combat Optics         |                                      | •                     |         |                  |             |         |                            |        |
| TBD1                  | Operational                          | 140.8                 |         | 1.4              |             | 5.4     | 0.0                        | 147.   |
| Close Quarters Battl  | le Kit                               |                       |         |                  |             |         |                            |        |
| TBD2                  | Operational                          | 252.0                 |         | 15.3             |             | 26.1    | 0.0                        | 293.   |
| Closed Mods           |                                      |                       |         |                  |             |         |                            |        |
| TBD4                  |                                      | 206.8                 |         | 0.0              |             | 0.0     | 0.0                        | 206.   |
| Totals                |                                      | 599.6                 |         | 16.7             |             | 31.5    | 0.0                        | 647.   |

Date:

May 2009

MODIFICATION TITLE: Combat Optics [MOD 1] TBD1

MODELS OF SYSTEM AFFECTED: M4 Carbine (5.56mm)

#### DESCRIPTION / JUSTIFICATION:

The M68 Close Combat Optic is used on the M4 Carbine and M16 Rifle. The Close Combat Optic allows the Soldier to fire a weapon with both eyes open allowing greater awareness of events happening in close proximity. The Close Combat Optic gives the Soldier greater hit probability in daylight, low light level, wet weather and other adverse conditions. The M150 Rifle Combat Optic (RCO) was selected as the improved Combat Optic. The M150 RCO provides a reflexive fire technique allowing the Soldier to transition rapidly between long-range and close quarters engagements.

DEVELOPMENT STATUS / MAJOR DEVELOPMENT MILESTONE(S):

Combat Optic: M68 Close Combat Optic (CCO)
Type Classification (LRIP) 4Q96 (Actual)
First Production Hardware Delivered 1Q97 (Actual)
First Unit Equipped 2Q98 (Actual)

Improved Combat Optic: M150 Rifle Combat Optic (RCO)

Milestone B 2Q07 (Actual)

Milestone C/Type Classification Standard 3Q08 (Actual)

First Unit Equipped 4Q08 (Actual)

## Installation Schedule

Inputs Outputs

Inputs
Outputs

| Pr Yr  |   | FY 2 | 2009 |   |   | FY 2 | 2010 |   |   | FY 2 | 2011 |   |   | FY 2 | 2012 |   |   | FY 2 | 2013 |   |
|--------|---|------|------|---|---|------|------|---|---|------|------|---|---|------|------|---|---|------|------|---|
| Totals | 1 | 2    | 3    | 4 | 1 | 2    | 3    | 4 | 1 | 2    | 3    | 4 | 1 | 2    | 3    | 4 | 1 | 2    | 3    | 4 |
|        |   |      |      |   |   |      |      |   |   |      |      |   |   |      |      |   |   |      |      |   |
|        |   |      |      |   |   |      |      |   |   |      |      |   |   |      |      |   |   |      |      |   |

|   | FY 2 | 2014 |   |   | FY 2 | 2015 |   |   | FY 2 | 2016 |   |   | FY 2 | 2017 |   | То       | Totals |
|---|------|------|---|---|------|------|---|---|------|------|---|---|------|------|---|----------|--------|
| 1 | 2    | 3    | 4 | 1 | 2    | 3    | 4 | 1 | 2    | 3    | 4 | 1 | 2    | 3    | 4 | Complete |        |
|   |      |      |   |   |      |      |   |   |      |      |   |   |      |      |   |          |        |
|   |      |      |   |   |      |      |   |   |      |      |   |   |      |      |   |          |        |

METHOD OF IMPLEMENTATION: Installed by troops ADMINISTRATIVE LEADTIME: 3 months PRODUCTION LEADTIME: 2 months

Contract Dates: FY 2010 - Jan 10 FY 2011 - FY 2012 -

Delivery Dates: FY 2010 - Feb 10 FY 2011 - FY 2012 -

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MODIFICATION TITLE (cont): Combat Optics [MOD 1] TBD1

FINANCIAL PLAN: (\$ in Millions)

|                               | FY 2   | .008  |      |     |      |     |     |     |        |       |
|-------------------------------|--------|-------|------|-----|------|-----|-----|-----|--------|-------|
|                               | and F  | Prior | 20   | 09  | 20   | 10  | Т   | С   | To     | tal   |
|                               | Qty    | \$    | Qty  | \$  | Qty  | \$  | Qty | \$  | Qty    | \$    |
| RDT&E                         |        |       |      |     |      |     |     |     |        |       |
| Procurement                   |        |       |      |     |      |     |     |     |        |       |
| Quantity                      | 436764 |       | 1095 |     | 7140 |     |     |     | 444999 |       |
| Hardware                      |        | 125.1 |      | 0.9 |      | 5.0 |     |     |        | 131.0 |
| Engineering Support           |        | 10.9  |      | 0.3 |      | 0.2 |     |     |        | 11.4  |
| Test                          |        | 0.4   |      |     |      |     |     |     |        | 0.4   |
| Integrated Logistical Support |        | 2.5   |      | 0.2 |      | 0.1 |     |     |        | 2.8   |
| Fielding                      |        | 1.9   |      |     |      | 0.1 |     |     |        | 2.0   |
|                               |        |       |      |     |      |     |     |     |        |       |
|                               |        |       |      |     |      |     |     |     |        |       |
|                               |        |       |      |     |      |     |     |     |        |       |
|                               |        |       |      |     |      |     |     |     |        |       |
|                               |        |       |      |     |      |     |     |     |        |       |
| Installation of Hardware      |        |       |      |     |      |     |     |     |        |       |
| FY 2007 & Prior Equip Kits    |        |       |      |     |      |     |     |     |        |       |
| FY 2008 Kits                  |        |       |      |     |      |     |     |     |        |       |
| FY 2009 Equip Kits            |        |       |      |     |      |     |     |     |        |       |
| FY 2010 Equip Kits            |        |       |      |     |      |     |     |     |        |       |
| FY 2011 Equip Kits            |        |       |      |     |      |     |     |     |        |       |
| FY 2012 Equip Kits            |        |       |      |     |      |     |     |     |        |       |
| FY 2013 Equip Kits            |        |       |      |     |      |     |     |     |        |       |
| FY 2014 Equip Kits            |        |       |      |     |      |     |     |     |        |       |
| FY 2015 Equip Kits            |        |       |      |     |      |     |     |     |        |       |
| TC Equip- Kits                |        |       |      |     |      |     |     |     |        |       |
| Total Installment             | 0      | 0.0   | 0    |     |      | 0.0 | 0   |     | 0      |       |
| Total Procurement Cost        |        | 140.8 |      | 1.4 |      | 5.4 |     | 0.0 |        | 147.6 |

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Exhibit P-3A Individual Modification

May 2009

Date:

Date:

May 2009

MODIFICATION TITLE: Close Quarters Battle Kit [MOD 2] TBD2

MODELS OF SYSTEM AFFECTED: M4 Carbine (5.56mm)

#### DESCRIPTION / JUSTIFICATION:

The Close Quarters Battle Kit provides the Soldier with multiple low cost items to increase lethality and survivability with individual weapons. The Close Quarters Battle Kit provides the following items: Low profile bipod, cleaning kit, improved magazines, magazine pouches, multiple magazine holders with storage pouches, forward rail brackets, and improved weapon sling.

# DEVELOPMENT STATUS / MAJOR DEVELOPMENT MILESTONE(S):

Close Quarters Battle Kit Re-competition

Evaluation & Down Select 4Q07/2Q08 (Actual)

Production Contract Award 3Q08 (Actual)

First Unit Equip 1Q09

1Q09 (Actual)

Installation Schedule

| Pr Yr  |   | FY | 2009 |   |   | FY 2 | 2010 |   |   | FY 2 | 2011 |   |   | FY 2 | 2012 |   |   | FY 2 | 2013 |   |
|--------|---|----|------|---|---|------|------|---|---|------|------|---|---|------|------|---|---|------|------|---|
| Totals | 1 | 2  | 3    | 4 | 1 | 2    | 3    | 4 | 1 | 2    | 3    | 4 | 1 | 2    | 3    | 4 | 1 | 2    | 3    | 4 |
|        |   |    |      |   |   |      |      |   |   |      |      |   |   |      |      |   |   |      |      |   |
|        |   |    |      |   |   |      |      |   |   |      |      |   |   |      |      |   |   |      |      |   |

Inputs Outputs

Inputs Outputs

| ĺ |   | FY 2 | 2014 |   |   | FY 2 | 2015 |   |   | FY 2 | 2016 |   |   | FY 2 | 2017 |   | То       | Totals |
|---|---|------|------|---|---|------|------|---|---|------|------|---|---|------|------|---|----------|--------|
| ĺ | 1 | 2    | 3    | 4 | 1 | 2    | 3    | 4 | 1 | 2    | 3    | 4 | 1 | 2    | 3    | 4 | Complete |        |
| ĺ |   |      |      |   |   |      |      |   |   |      |      |   |   |      |      |   |          |        |
|   |   |      |      |   |   |      |      |   |   |      |      |   |   |      |      |   |          |        |

METHOD OF IMPLEMENTATION:

installed by troops FY 2010 - Jan 10 ADMINISTRATIVE LEADTIME:

3 months FY 2011 - PRODUCTION LEADTIME: 2 months FY 2012 -

Contract Dates: Delivery Dates:

FY 2010 - Feb 10

FY 2011 -

FY 2012 -

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# INDIVIDUAL MODIFICATION Date: May 2009

MODIFICATION TITLE (cont): Close Quarters Battle Kit [MOD 2] TBD2

FINANCIAL PLAN: (\$ in Millions)

|                             | FY 2    | 800   |       |      |       |      |     |     |         |       |
|-----------------------------|---------|-------|-------|------|-------|------|-----|-----|---------|-------|
|                             | and F   | Prior | 20    | 09   | 20    | 10   | Т   | С   | To      | tal   |
|                             | Qty     | \$    | Qty   | \$   | Qty   | \$   | Qty | \$  | Qty     | \$    |
| RDT&E                       |         |       |       |      |       |      |     |     |         |       |
| Procurement                 |         |       |       |      |       |      |     |     |         |       |
| Quantity                    | 4840666 |       | 19857 |      | 36161 |      |     |     | 4896684 |       |
| Hardware                    |         | 237.5 |       | 13.9 |       | 25.7 |     |     |         | 277.1 |
| Engineering Support         |         | 10.3  |       | 1.0  |       | 0.2  |     |     |         | 11.5  |
| Integrated Logistic Support |         | 2.5   |       | 0.2  |       | 0.1  |     |     |         | 2.8   |
| Fielding                    |         | 1.7   |       | 0.2  |       | 0.1  |     |     |         | 2.0   |
| Engineering Studies         |         |       |       |      |       |      |     |     |         |       |
| Installation of Hardware    |         |       |       |      |       |      |     |     |         |       |
| FY 2007 & Prior Equip Kits  |         |       |       |      |       |      |     |     |         |       |
| FY 2008 Kits                |         |       |       |      |       |      |     |     |         |       |
| FY 2009 Equip Kits          |         |       |       |      |       |      |     |     |         |       |
| FY 2010 Equip Kits          |         |       |       |      |       |      |     |     |         |       |
| FY 2011 Equip Kits          |         |       |       |      |       |      |     |     |         |       |
| FY 2012 Equip Kits          |         |       |       |      |       |      |     |     |         |       |
| FY 2013 Equip Kits          |         |       |       |      |       |      |     |     |         |       |
| FY 2014 Equip Kits          |         |       |       |      |       |      |     |     |         |       |
| FY 2015 Equip Kits          |         |       |       |      |       |      |     |     |         |       |
| Total Installment           | 0       | 0.0   | 0     | 0.0  | 0     | 0.0  | 0   | 0.0 | 0       | 0.0   |
| Total Procurement Cost      |         | 252.0 |       | 15.3 |       | 26.1 |     | 0.0 |         | 293.4 |

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| Exhibit P-40, Budget Item   | Justification She | et       |         |                                  |                                    | Date:       | ay 2009    |
|---|-------------------|----------|---------|----------------------------------|------------------------------------|-------------|------------|
| Appropriation / Budget Activity / Seria<br>Procurement of W&TCV, Army / 2 / |                   | hicles   |         | P-1 Item Nomencla<br>M2 50 Cal 1 | nture<br>Machine Gun MODS (GB4000) |             |            |
| Program Elements for Code B Items: 604601A S63                              | Co                | de:<br>B |         | d Program Elements:<br>4601A S58 |                                    |             |            |
|   | Prior Years       |          | FY 2008 | FY 2009                          | FY 2010                            | To Complete | Total Prog |
| Proc Qty  |                   |          |         |                                  |                                    |             |            |
| Gross Cost  | 19                | 9.3      | 21.7    | 12.5                             | 35.3                               |             | 88.8       |
| Less PY Adv Proc  |                   |          |         |                                  |                                    |             |            |
| Plus CY Adv Proc  |                   |          |         |                                  |                                    |             |            |
| Net Proc P1   | 19                | 9.3      | 21.7    | 12.5                             | 35.3                               |             | 88.8       |
| Initial Spares  |                   |          |         |                                  |                                    |             |            |
| Total Proc Cost   | 19                | 9.3      | 21.7    | 12.5                             | 35.3                               |             | 88.8       |
| Flyaway U/C   |                   |          |         |                                  |                                    |             |            |
| Weapon System Proc U/C  |                   |          |         |                                  |                                    |             |            |

The M2A1 Quick Change Barrel (QCB) Kit provides enhancements for the .50 Caliber M2 Heavy Barrel Machine Gun to provide the Soldier with the ability to quickly change the barrel without the need to reset the headspace and timing and reduce the visible muzzle flash. The quick change barrel will be ready for production in FY 2010 allowing the Army to retrofit the current M2 fleet on a one for one basis. Also provides other ancillary equipment such as the M3 Tripod, Lightweight Tripod, MK93 Mount and similar mounts, backplates, trigger blocks and improved sighting systems.

## Justification:

FY10 Base procurement dollars in the amount of \$7.738 supports the Army by purchasing 1,244 QCB Kits and 832 XM205 Lightweight tripods for the Machine Gun, Cal .50 M2 Roll weapon system in support of Overseas Contingency Operations in order to improve the Soldier's military capabilities through increased readiness and safety and reduction of the Soldier's burden.

FY10 Overseas Contingency Operations (OCO) procurement dollars the amount of \$27.600 million supports the Army by procuring 2,380 QCB Kits and 5,409 XM205 Lightweight tripods for the Machine Gun, Cal .50 M2 Roll weapon system in support of Overseas Contingency Operations in order to improve the Soldier's military capabilities through increased readiness and safety and reduction of the Soldier's burden.

| Exhibit P-40                          | M, Budget Item Justif                | ication Sheet           |         |               |                 |               | Date:<br>May 2009                          |        |      |
|---------------------------------------|--------------------------------------|-------------------------|---------|---------------|-----------------|---------------|--|--------|------|
| Appropriation / Budget                | Activity / Serial No:                |                         | P-1 It  | em Nomenclatu | re              |               |  |        |      |
| Procureme                             | ent of W&TCV, Army / 2 / Weapons and | d other combat vehicles |         | M2 50 C       | Cal Machine Gun | MODS (GB4000) |  |        |      |
| Program Elements for C<br>604601A S63 | Code B Items:                        |                         | ·       |               |                 | Code:<br>B    | Other Related Program Elem<br>0604601A S58 | nents: |      |
| Description                           |                                      | Fiscal Years            |         |               |                 |               |  |        |      |
| OSIP No.                              | Classification                       | 2008 & PR               | FY 2009 |               | FY 20           | 010           | TC   | Total  |      |
| M2A1 QUICK CHA                        | ANGE BARREL KIT                      | ·                       |         |               |                 | •             |  |        |      |
| TBD1                                  | Operational                          | 15.9                    |         | 6.3           |                 | 18.1          | 0.0  |        | 40.3 |
| Tripods [MOD 2] TI                    | BD2                                  |                         |         |               |                 |               |  |        |      |
| TBD2                                  | Operational                          | 8.6                     |         | 6.2           |                 | 17.2          | 0.0  |        | 32.0 |
| CLOSED MODS                           |                                      |                         |         |               |                 |               |  |        |      |
| 0-00-00-0000                          |                                      | 12.0                    |         | 0.0           |                 | 0.0           | 0.0  |        | 12.0 |
| Totals                                |                                      | 36.5                    |         | 12.5          |                 | 35.3          | 0.0  |        | 84.3 |

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Date:

May 2009

MODIFICATION TITLE: M2A1 QUICK CHANGE BARREL KIT [MOD 1] TBD1

MODELS OF SYSTEM AFFECTED:

#### DESCRIPTION / JUSTIFICATION:

The M2A1 Quick Change Barrel Kit provides enhancements for the .50 Caliber M2 Heavy Barrel Machine Gun to provide the Soldier with the ability to quickly change the barrel without the need to reset the headspace and timing and to reduce the visible muzzle flash. Other ancillary equipment includes M3 Tripods, Lightweight Tripods, MK93 Mounts and similar mounts, backplates, trigger blocks and improved sighting systems.

## DEVELOPMENT STATUS / MAJOR DEVELOPMENT MILESTONE(S):

User Assessment 4Q09 (Planned)
Type Classification - Standard 2Q10 (Planned)
First Unit Equipped 4Q10 (Planned)

Installation Schedule

Inputs Outputs

| Pr Yr  |   | FY 2 | 2009 |   |   | FY 2 | 2010 |     |     | FY 2 | 2011 |     |     | FY 2 | 2012 |   |   | FY 2 | 2013 |   |
|--------|---|------|------|---|---|------|------|-----|-----|------|------|-----|-----|------|------|---|---|------|------|---|
| Totals | 1 | 2    | 3    | 4 | 1 | 2    | 3    | 4   | 1   | 2    | 3    | 4   | 1   | 2    | 3    | 4 | 1 | 2    | 3    | 4 |
|        |   |      |      |   |   |      | 300  | 900 | 607 | 906  | 906  | 906 | 906 |      |      |   |   |      |      |   |
|        |   |      |      |   |   |      |      | 300 | 900 | 607  | 906  | 906 | 906 | 906  |      |   |   |      |      |   |

|         |   | FY 2 | 2014 |   |   | FY 2 | 2015 |   |   | FY 2 | 2016 |   |   | FY 2 | 2017 |   | То       | Totals |
|---------|---|------|------|---|---|------|------|---|---|------|------|---|---|------|------|---|----------|--------|
|         | 1 | 2    | 3    | 4 | 1 | 2    | 3    | 4 | 1 | 2    | 3    | 4 | 1 | 2    | 3    | 4 | Complete |        |
| Inputs  |   |      |      |   |   |      |      |   |   |      |      |   |   |      |      |   |          | 5431   |
| Outputs |   |      |      |   |   |      |      |   |   |      |      |   |   |      |      |   |          | 5431   |

METHOD OF IMPLEMENTATION: Depot Installed ADMINISTRATIVE LEADTIME: 4 months PRODUCTION LEADTIME: 15 months

Contract Dates: FY 2010 - Feb 10 FY 2011 - FY 2012 -

Delivery Dates: FY 2010 - Apr 11 FY 2011 - FY 2012 -

Date:

May 2009

# MODIFICATION TITLE (cont): M2A1 QUICK CHANGE BARREL KIT [MOD 1] TBD1

FINANCIAL PLAN: (\$ in Millions)

|                              | FY 20 | 008  |      |     |      |      |     |      |       |      |
|------------------------------|-------|------|------|-----|------|------|-----|------|-------|------|
|                              | and P | rior | 200  | 09  | 20   | 10   | Т   | CC C | To    | tal  |
|                              | Qty   | \$   | Qty  | \$  | Qty  | \$   | Qty | \$   | Qty   | \$   |
| RDT&E                        |       |      |      |     |      |      |     |      |       |      |
| Procurement                  |       |      |      |     |      |      |     |      |       |      |
| Kit Quantity                 | 725   |      | 1082 |     | 3624 |      |     |      | 5431  |      |
| Hardware QCB Kits            |       | 4.4  |      | 6.0 |      | 16.6 |     |      |       | 27.0 |
| Ancillary Equipment          | 56473 | 10.5 |      |     |      |      |     |      | 56473 | 10.5 |
| Engineering Support          |       | 0.4  |      | 0.1 |      | 0.8  |     |      |       | 1.3  |
| Testing                      |       | 0.3  |      |     |      | 0.1  |     |      |       | 0.4  |
| Integrated Logistics Support |       | 0.1  |      | 0.1 |      | 0.2  |     |      |       | 0.4  |
| Fielding                     |       | 0.2  |      | 0.1 |      | 0.2  |     |      |       | 0.5  |
| New Equipment Training       |       |      |      |     |      | 0.1  |     |      |       | 0.1  |
| First Destination Transp     |       |      |      |     |      | 0.1  |     |      |       | 0.1  |
| Installation of Hardware     |       |      |      |     |      |      |     |      |       |      |
| FY 2007&Prior Kits/Equip     | 56473 |      |      |     |      |      |     |      | 56473 |      |
| FY 2008 QCB Kits             |       |      |      |     | 300  |      |     |      | 300   |      |
| FY 2009 Equip Kits           |       |      |      |     |      |      |     |      |       |      |
| FY 2010 Equip Kits           |       |      |      |     |      |      |     |      |       |      |
| FY 2011 Equip Kits           |       |      |      |     |      |      |     |      |       |      |
| FY 2012 Equip Kits           |       |      |      |     |      |      |     |      |       |      |
| FY 2013 Equip Kits           |       |      |      |     |      |      |     |      |       |      |
| FY 2014 Equip Kits           |       |      |      |     |      |      |     |      |       |      |
| TC Equip- Kits               |       |      |      |     |      |      |     |      |       |      |
| Total Installment            | 56473 | 0.0  | 0    | 0.0 | 300  | 0.0  | 0   | 0.0  | 56773 | 0.0  |
| Total Procurement Cost       |       | 15.9 |      | 6.3 |      | 18.1 |     | 0.0  |       | 40.3 |

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|  |   |           |                 | IND                | IVIDUA       | L MOD   | FICATI  | ON     |         |          |         |          |           |        | I       | Date:    | May 20 | 09       |         |         |      |
|--|---|-----------|-----------------|--------------------|--------------|---------|---------|--------|---------|----------|---------|----------|-----------|--------|---------|----------|--------|----------|---------|---------|------|
| MODIFICATION TIT                       | Pr Yr FY 2009 FY 2010 FY 2011 FY 2012 FY 2013  Totals 1 2 3 4 1 2 3 4 1 2 3 4 1 2 3 4 1 2 3 4 1 2 3 4 1 2 3 4 1 2 3 4 1 1 2 4 1 1 2 4 1 1 1 2 4 1 1 1 1 1 1 |           |                 |                    |              |         |         |        |         |          |         |          |           |        |         |          |        |          |         |         |      |
| MODELS OF SYSTE                        | M AFFECTED: Mac   | chine Gun | , CAL .5        | 0 M2 and           | d MK-19      | Grenade | Machine | Gun    |         |          |         |          |           |        |         |          |        |          |         |         |      |
| M3 Tripods and M                       | M205 Lightweigh   |           |                 | int for l          | M2/MK        | X19 Ma  | chine G | uns in | dismou  | nted ro  | le. M20 | )5 Tripo | od will 1 | reduce | the Sol | dier bur | den as | the curi | ent .50 | caliber |      |
| Developmental/O<br>Type Classification | perational Test<br>on - Standard  | A         | Dec 0<br>Aug 10 | 9 (Plan<br>(Planne | ined)<br>ed) |         |         |        |         |          |         |          |           |        |         |          |        |          |         |         |      |
| Installation Schedule                  |   |           |                 |                    |              |         |         |        |         |          |         |          |           |        |         |          |        |          |         |         |      |
|  | Pr Yr   |           | FY              | 2009               |              |         | FY      | 2010   |         |          | FY      | 2011     |           |        | FY      | 2012     |        |          | FY 2    | 2013    |      |
|  | Totals  | 1         | 2               | 3                  | 4            | 1       | 2       | 3      | 4       | 1        | 2       | 3        | 4         | 1      | 2       | 3        | 4      | 1        | 2       | 3       | 4    |
| Inputs                                 |   |           |                 |                    |              |         |         |        |         |          |         |          |           |        |         |          |        |          |         |         |      |
| Outputs                                |   |           |                 |                    |              |         |         |        |         |          |         |          |           |        |         |          |        |          |         |         |      |
|  | FY 201  | <u></u>   |                 |                    | FY 201       | 5       |         |        | FY 2016 | <u> </u> |         |          | FY 2013   | ,      |         |          |        | To       |         |         | Tota |

METHOD OF IMPLEMENTATION:

Field Installed

2

3

ADMINISTRATIVE LEADTIME:

4

1

3

2

11 months

3

4

1

2

3

PRODUCTION LEADTIME: 6 months

4

Contract Dates:

FY 2010 - Sep 10

FY 2011 -

2

FY 2012 -

Complete

Delivery Dates:

Inputs Outputs

FY 2010 - Feb 11

FY 2011 -

FY 2012 -

Date:

May 2009

MODIFICATION TITLE (cont): Tripods [MOD 2] TBD2 [MOD 2] TBD2

FINANCIAL PLAN: (\$ in Millions)

|                                  | FY 2  | 2008  |     |     |      |      |     |     |       |      |
|----------------------------------|-------|-------|-----|-----|------|------|-----|-----|-------|------|
|                                  | and I | Prior | 20  | 09  | 20   | 10   | Т   | С   | То    | tal  |
|                                  | Qty   | \$    | Qty | \$  | Qty  | \$   | Qty | \$  | Qty   | \$   |
| RDT&E                            |       |       |     |     |      |      |     |     |       |      |
| Procurement                      |       |       |     |     |      |      |     |     |       |      |
| M3 Tripods Qty                   | 12109 |       |     |     |      |      |     |     | 12109 |      |
| M205 Tripod Qty                  |       |       | 585 |     | 6241 |      |     |     | 6826  |      |
| Hardware M3 Tripods              |       | 8.5   |     |     |      |      |     |     |       | 8.5  |
| Hardware M205 Tripods            |       |       |     | 2.4 |      | 15.6 |     |     |       | 18.0 |
| Engineering Support              |       | 0.1   |     | 0.1 |      | 0.6  |     |     |       | 0.8  |
| Testing                          |       |       |     | 3.3 |      |      |     |     |       | 3.3  |
| Integrated Logistics Support     |       |       |     | 0.1 |      | 0.2  |     |     |       | 0.3  |
| New Equipment Training           |       |       |     | 0.1 |      | 0.3  |     |     |       | 0.4  |
| Fielding                         |       |       |     | 0.1 |      | 0.3  |     |     |       | 0.4  |
| First Destination Transportation |       |       |     | 0.1 |      | 0.2  |     |     |       | 0.3  |
| Installation of Hardware         |       |       |     |     |      |      |     |     |       |      |
| FY 2008 & Prior Tripods          |       |       |     |     |      |      |     |     |       |      |
| FY 2009 Kits                     |       |       |     |     |      |      |     |     |       |      |
| FY 2010 Equip Kits               |       |       |     |     |      |      |     |     |       |      |
| FY 2011 Equip Kits               |       |       |     |     |      |      |     |     |       |      |
| FY 2012 Equip Kits               |       |       |     |     |      |      |     |     |       |      |
| FY 2013 Equip Kits               |       |       |     |     |      |      |     |     |       |      |
| FY 2014 Equip Kits               |       |       |     |     |      |      |     |     |       |      |
| FY 2015 Equip Kits               |       |       |     |     |      |      |     |     |       |      |
| TC Equip- Kits                   |       |       |     |     |      |      |     |     |       |      |
| Total Installment                | 0     | 0.0   | 0   | 0.0 | 0    | 0.0  | 0   | 0.0 | 0     | 0.0  |
| Total Procurement Cost           |       | 8.6   |     | 6.2 |      | 17.2 |     | 0.0 |       | 32.0 |

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| Exhibit P-40, Budget Item J   | Justification Sho | eet     |              |                               |                                   | Date:       | ny 2009    |
|---|-------------------|---------|--------------|-------------------------------|-----------------------------------|-------------|------------|
| Appropriation / Budget Activity / Seria<br>Procurement of W&TCV, Army / 2 / W |                   | ehicles |              | P-1 Item Nomencla<br>M249 SAW | nture / Machine Gun MODS (GZ1290) |             |            |
| Program Elements for Code B Items:  | Co                | ode:    | Other Relate | ed Program Elements:          |                                   |             |            |
|   | Prior Years       |         | FY 2008      | FY 2009                       | FY 2010                           | To Complete | Total Prog |
| Proc Qty  |                   |         |              |                               |                                   |             |            |
| Gross Cost  | 10                | 03.4    | 25.3         | 7.1                           | 28.7                              |             | 164.5      |
| Less PY Adv Proc  |                   |         |              |                               |                                   |             |            |
| Plus CY Adv Proc  |                   |         |              |                               |                                   |             |            |
| Net Proc P1   | 10                | 03.4    | 25.3         | 7.1                           | 28.7                              |             | 164.5      |
| Initial Spares  |                   |         |              |                               |                                   |             |            |
| Total Proc Cost   | 10                | 03.4    | 25.3         | 7.1                           | 28.7                              |             | 164.5      |
| Flyaway U/C   |                   |         |              |                               |                                   |             |            |
| Weapon System Proc U/C  |                   |         |              |                               |                                   |             |            |

The M249 Squad Automatic Weapon (SAW) is a 5.56mm, lightweight machine gun that can be utilized in either the automatic rifle role or light machine gun role. Various system enhancements have been identified that improve the use of this weapon system. These include the addition of a feedtray cover rail and forward rail assemblies. The addition of these rails provides a MIL-STD-1913 interface allowing the mounting of standard military optics and other target designation devices directly to the machine gun. Improved components include an improved collapsible buttstock, improved bipod and 200-round ammunition pack. Other items being procured to enhance Soldier performance include a Light Weight Ground Mount, Short Barrel, Short Barrel Blank Firing Attachment, Improved Sling Assembly and an improved combat optic. In support of Operation Iraqi Freedom (OIF) and Operation Enduring Freedom (OEF) additional items (such as pistol grips, rail covers, 100 round ammo packs, spare barrel bags, etc.) are being procured for the Rapid Fielding Initiative (RFI). The RFI provides new equipment to units deployed.

## Justification:

FY10 Base procurement dollars in the amount of \$7.833 million supports the Army by purchasing Improved Bipods, Improved Collapsible Buttstocks, Light Weight Ground Mounts, 200 Round Soft Pack Magazine/Barrel Bags/Sling Assembly and improved combat optics for the M249 SAW Machine Gun weapon system. The Improved Bipod is stronger than the existing bipod. It allows the Soldier better adjustability and is compatible with the accessory rail kit. The Improved Collapsible Buttstock provides the Soldier improved ergonomics resulting in greater target acquisition. The M192 Light Weight Ground Mount, which weighs 11.4 pounds, will reduce the Soldier's combat load weight by 6.4 pounds. It will incorporate a modern traverse and elevating mechanism that will maintain predetermined elevation throughout the full range of weapon traverse, as well as contain a series of index marks that will enable gunners to construct a range data card. The combat optic will provide the Soldier with an improved capability to identify and engage targets at long ranges.

FY10 Overseas Contingency Operations (OCO) procurement dollars in the amount of \$20.900 million supports the Army by purchasing M192 Light Weight Ground Mounts, Improved Bipod Assemblies, Improved Collapsible Buttstocks, Short Barrels, 200 Round Soft Pack Magazines, 100 Round Soft Pack magazines and Sling Assemblies.

| Exhibit P-40          | M, Budget Item Justifica                 | ation Sheet         |      |                     |               |                  | Date:<br>May 2009         |         |       |
|-----------------------|--|---------------------|------|---------------------|---------------|------------------|---------------------------|---------|-------|
| Appropriation / Budge | t Activity / Serial No:                  |                     |      | P-1 Item Nomenclatu | ire           |                  |                           |         |       |
| Procureme             | ent of W&TCV, Army / 2 / Weapons and oth | her combat vehicles |      | M249 S.             | AW Machine Gu | ın MODS (GZ1290) |                           |         |       |
| Program Elements for  | Code B Items:                            |                     |      |                     |               | Code:            | Other Related Program Ele | ements: |       |
| Description           |  | Fiscal Years        |      |                     |               |                  |                           |         |       |
| OSIP No.              | Classification                           | 2008 & PR           | FY 2 | 2009                | FY 20         | 10               | TC                        | Total   |       |
| M249 Rails/Bipod/I    | Handguard/Combat Optics                  |                     |      |                     |               | •                |                           |         |       |
| TBD1                  | Operational                              | 16.6                |      | 0.0                 |               | 3.0              | 0.0                       |         | 19.6  |
| M249 Short Barrel/0   | Coll Buttstock/Heatshield                |                     |      |                     |               |                  |                           |         |       |
| TBD2                  | Operational                              | 37.4                |      | 6.2                 |               | 17.2             | 0.0                       |         | 60.8  |
| Light Weight Groun    | nd Mount                                 |                     |      |                     |               |                  |                           |         |       |
| TBD3                  | Operational                              | 23.8                |      | 0.0                 |               | 5.5              | 0.0                       |         | 29.3  |
| Soft Pack Mag 1008    | &200rd/Barrel Bag/Sling Assembly         |                     |      |                     |               |                  |                           |         |       |
| TBD4                  | Operational                              | 7.2                 |      | 0.9                 |               | 3.0              | 0.0                       |         | 11.1  |
| Rapid Fielding Initia | ative                                    |                     |      |                     |               |                  |                           |         |       |
| TBD5                  | Operational                              | 35.0                |      | 0.0                 |               | 0.0              | 0.0                       |         | 35.0  |
| Closed Mods           |  |                     | •    | _                   |               |                  |                           |         |       |
| TBD6                  |  | 8.7                 |      | 0.0                 |               | 0.0              | 0.0                       |         | 8.7   |
| Totals                |  | 128.7               |      | 7.1                 |               | 28.7             | 0.0                       |         | 164.5 |

Date:

May 2009

MODIFICATION TITLE: M249 Rails/Bipod/Handguard/Combat Optics [MOD 1] TBD1

MODELS OF SYSTEM AFFECTED: M249 Squad Automatic Weapon & Machine Gun

#### DESCRIPTION / JUSTIFICATION:

The M249 Squad Automatic Weapon (SAW) is a 5.56mm, lightweight, machine gun that will be utilized in the automatic rifle role and the machine gun role. The front rails will be fastened to the sides and bottom of the M249 SAW receiver. They will allow attachment of a large variety of existing and future high technology electronic and night vision devices, vertical handgrip, and horizontal handgrip. The combat optic will provide the Soldier with an improved capability to identify and engage targets at long ranges.

When the SAW is used in the automatic rifle role, the bottom rail provides an attachment point for the vertical handgrip. The front side rails accommodate the devices when the weapon is used in either role. The Improved Bipod is stronger, compatible with the front and bottom rails, and has easier adjustability of bipod legs for the Soldier.

DEVELOPMENT STATUS / MAJOR DEVELOPMENT MILESTONE(S):
Developmental/User Test 2Q00 (Actual)
Production Decision 3Q00 (Actual)
Production Contract Award 4Q00 (Actual)
First Production Hardware Delivered 3Q01 (Actual)

First Unit Equipped 3Q00 (Actual)\*

\* 300 pre-production rails delivered to Rangers

#### Installation Schedule

Inputs
Outputs

Inputs
Outputs

| Pr Yr  |   | FY 2 | 2009 |   |   | FY 2 | 2010 |   |   | FY 2 | 2011 |   |   | FY 2 | 2012 |   |   | FY 2 | 2013 |   |
|--------|---|------|------|---|---|------|------|---|---|------|------|---|---|------|------|---|---|------|------|---|
| Totals | 1 | 2    | 3    | 4 | 1 | 2    | 3    | 4 | 1 | 2    | 3    | 4 | 1 | 2    | 3    | 4 | 1 | 2    | 3    | 4 |
|        |   |      |      |   |   |      |      |   |   |      |      |   |   |      |      |   |   |      |      |   |
|        |   |      |      |   |   |      |      |   |   |      |      |   |   |      |      |   |   |      |      |   |

|   | FY 2 | 2014 |   |   | FY 2 | 2015 |   |   | FY 2 | 2016 |   |   | FY 2 | 2017 |   | То       | Totals |
|---|------|------|---|---|------|------|---|---|------|------|---|---|------|------|---|----------|--------|
| 1 | 2    | 3    | 4 | 1 | 2    | 3    | 4 | 1 | 2    | 3    | 4 | 1 | 2    | 3    | 4 | Complete |        |
|   |      |      |   |   |      |      |   |   |      |      |   |   |      |      |   |          |        |
|   |      |      |   |   |      |      |   |   |      |      |   |   |      |      |   |          |        |

METHOD OF IMPLEMENTATION: Field Application ADMINISTRATIVE LEADTIME: 5 months

Contract Dates: FY 2010 - 31 Mar 10 FY 2011 - FY 2012 
Delivery Dates: FY 2010 - 31 Aug 10 FY 2011 - FY 2012 -

GZ1290 Item No. 37 Page 3 of 10 Exhibit P-3A M249 SAW Machine Gun MODS 219 Individual Modification

Date:

May 2009

MODIFICATION TITLE (cont): M249 Rails/Bipod/Handguard/Combat Optics [MOD 1] TBD1

FINANCIAL PLAN: (\$ in Millions)

|                               | FY 2   | 2008  |     |     |       |     |     |     |        |      |
|-------------------------------|--------|-------|-----|-----|-------|-----|-----|-----|--------|------|
|                               | and I  | Prior | 20  | 09  | 20    | 10  | T   | С   | То     | tal  |
|                               | Qty    | \$    | Qty | \$  | Qty   | \$  | Qty | \$  | Qty    | \$   |
| RDT&E                         |        |       |     |     |       |     |     |     |        |      |
| Procurement                   |        |       |     |     |       |     |     |     |        |      |
| Quantity (Various Components) | 216337 |       |     |     | 20500 |     |     |     | 236837 |      |
| Hardware                      |        | 13.2  |     |     |       | 2.7 |     |     |        | 15.9 |
| Engineering Support           |        | 2.5   |     |     |       | 0.2 |     |     |        | 2.7  |
| Integrated Logistical Support |        | 0.6   |     |     |       | 0.1 |     |     |        | 0.7  |
| Fielding                      |        | 0.3   |     |     |       |     |     |     |        | 0.3  |
|                               |        |       |     |     |       |     |     |     |        |      |
|                               |        |       |     |     |       |     |     |     |        |      |
|                               |        |       |     |     |       |     |     |     |        |      |
|                               |        |       |     |     |       |     |     |     |        |      |
| Installation of Hardware      |        |       |     |     |       |     |     |     |        |      |
| FY 2007 & Prior Equip Kits    |        |       |     |     |       |     |     |     |        |      |
| FY 2008 Kits                  |        |       |     |     |       |     |     |     |        |      |
| FY 2009 Equip Kits            |        |       |     |     |       |     |     |     |        |      |
| FY 2010 Equip Kits            |        |       |     |     |       |     |     |     |        |      |
| FY 2011 Equip Kits            |        |       |     |     |       |     |     |     |        |      |
| FY 2012 Equip Kits            |        |       |     |     |       |     |     |     |        |      |
| FY 2013 Equip Kits            |        |       |     |     |       |     |     |     |        |      |
| FY 2014 Equip Kits            |        |       |     |     |       |     |     |     |        |      |
| TC Equip- Kits                |        |       |     |     |       |     |     |     |        |      |
| Total Installment             | 0      | 0.0   | 0   | 0.0 | 0     | 0.0 | 0   | 0.0 | 0      | 0.0  |
| Total Procurement Cost        |        | 16.6  |     | 0.0 |       | 3.0 |     | 0.0 |        | 19.6 |

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Date:

May 2009

MODIFICATION TITLE: M249 Short Barrel/Coll Buttstock/Heatshield [MOD 2] TBD2

MODELS OF SYSTEM AFFECTED: M249 Squad Automatic Weapon & Machine Gun

#### DESCRIPTION / JUSTIFICATION:

The M249 Machine Gun Short Barrel will provide a short version of the 5.56mm automatic weapon. The Short Barrel, when used in conjunction with the M5 Collapsible Buttstock, shortens the M249 MG by more than 10 inches. As a result, the shorter weapon enhances operational capability by improving Military Operations in Urban Terrain (MOUT) maneuverability and Airborne/Air Assault jump capabilities. The Short Barrel Blank Firing Attachment allows realistic training with the Short Barrel currently not available to the Soldier.

DEVELOPMENT STATUS / MAJOR DEVELOPMENT MILESTONE(S):

Developmental/User Test Production Decision 1Q00 (Actual) 2Q00 (Actual)

Production Decision
Production Contract Award

2001 (Actual)

First Production Hardware Delivered

3Q02 (Actual)

First Unit Equipped

4Q02 (Actual)

Installation Schedule

Inputs Outputs

Inputs Outputs

| Pr Yr  |   | FY 2009 |   |   |   | FY 2 | 2010 |   |   | FY 2 | 2011 |   |   | FY 2 | 2012 |   |   | FY 2 | 2013 |   |
|--------|---|---------|---|---|---|------|------|---|---|------|------|---|---|------|------|---|---|------|------|---|
| Totals | 1 | 2       | 3 | 4 | 1 | 2    | 3    | 4 | 1 | 2    | 3    | 4 | 1 | 2    | 3    | 4 | 1 | 2    | 3    | 4 |
|        |   |         |   |   |   |      |      |   |   |      |      |   |   |      |      |   |   |      |      |   |
|        |   |         |   |   |   |      |      |   |   |      |      |   |   |      |      |   |   |      |      |   |

|   | FY 2 | 2014 |   |   | FY : | 2015 |   |   | FY 2 | 2016 |   |   | FY 2 | 2017 |   | То       | Totals |
|---|------|------|---|---|------|------|---|---|------|------|---|---|------|------|---|----------|--------|
| 1 | 2    | 3    | 4 | 1 | 2    | 3    | 4 | 1 | 2    | 3    | 4 | 1 | 2    | 3    | 4 | Complete |        |
|   |      |      |   |   |      |      |   |   |      |      |   |   |      |      |   |          |        |
|   |      |      |   |   |      |      |   |   |      |      |   |   |      |      |   |          |        |

METHOD OF IMPLEMENTATION: Field Application ADMINISTRATIVE LEADTIME: 5 months PRODUCTION LEADTIME: 10 months

Contract Dates: FY 2010 - 31 Mar 10 FY 2011 - FY 2012 -

Delivery Dates: FY 2010 - 31 Dec 10 FY 2011 - FY 2011 -

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Date:

May 2009

MODIFICATION TITLE (cont): M249 Short Barrel/Coll Buttstock/Heatshield [MOD 2] TBD2

FINANCIAL PLAN: (\$ in Millions)

|                               | FY 2   | 2008  |       |     |       |      |     |     |        |      |
|-------------------------------|--------|-------|-------|-----|-------|------|-----|-----|--------|------|
|                               | and I  | Prior | 20    | 09  | 20    | 10   | T   | С   | То     | tal  |
|                               | Qty    | \$    | Qty   | \$  | Qty   | \$   | Qty | \$  | Qty    | \$   |
| RDT&E                         |        |       |       |     |       |      |     |     |        |      |
| Procurement                   |        |       |       |     |       |      |     |     |        |      |
| Quantity (Various Components) | 116645 |       | 24721 |     | 44800 |      |     |     | 186166 |      |
| Hardware                      |        | 34.3  |       | 5.3 |       | 16.7 |     |     |        | 56.3 |
| Engineering Support           |        | 2.5   |       | 0.8 |       | 0.4  |     |     |        | 3.7  |
| Integrated Logistical Support |        | 0.4   |       | 0.1 |       | 0.1  |     |     |        | 0.6  |
| Fielding                      |        | 0.2   |       |     |       |      |     |     |        | 0.2  |
|                               |        |       |       |     |       |      |     |     |        |      |
|                               |        |       |       |     |       |      |     |     |        |      |
|                               |        |       |       |     |       |      |     |     |        |      |
|                               |        |       |       |     |       |      |     |     |        |      |
|                               |        |       |       |     |       |      |     |     |        |      |
| Installation of Hardware      |        |       |       |     |       |      |     |     |        |      |
| FY 2007 & Prior Equip Kits    |        |       |       |     |       |      |     |     |        |      |
| FY 2008 Kits                  |        |       |       |     |       |      |     |     |        |      |
| FY 2009 Equip Kits            |        |       |       |     |       |      |     |     |        |      |
| FY 2010 Equip Kits            |        |       |       |     |       |      |     |     |        |      |
| FY 2011 Equip Kits            |        |       |       |     |       |      |     |     |        |      |
| FY 2012 Equip Kits            |        |       |       |     |       |      |     |     |        |      |
| FY 2013 Equip Kits            |        |       |       |     |       |      |     |     |        |      |
| FY 2014 Equip Kits            |        |       |       |     |       |      |     |     |        |      |
| TC Equip- Kits                |        |       |       |     |       |      |     |     |        |      |
| Total Installment             | 0      | 0.0   | 0     | 0.0 | 0     | 0.0  | 0   | 0.0 | 0      | 0.0  |
| Total Procurement Cost        |        | 37.4  |       | 6.2 |       | 17.2 |     | 0.0 |        | 60.8 |

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Date:

May 2009

MODIFICATION TITLE: Light Weight Ground Mount [MOD 3] TBD3

MODELS OF SYSTEM AFFECTED: M249 Squad Automatic Weapon, Light Machine Gun

#### DESCRIPTION / JUSTIFICATION:

The Light Weight Ground Mount will reduce the weight of the current tripod by approximately 6.4 lbs. It will incorporate a modern traverse and elevating mechanism that will maintain predetermined elevation throughout the full range of weapon traverse, as well as contain a series of index marks that will enable gunners to construct a range data card.

# DEVELOPMENT STATUS / MAJOR DEVELOPMENT MILESTONE(S):

Developmental/Operational Test 3Q03 (Actual)
Type Classification (LRP) 2Q04 (Actual)
Production Contract Award 2Q04 (Actual)
First Production Hardware Delivered 2Q05 (Actual)
First Unit Equipped 3Q05 (Actual)

#### Installation Schedule

Inputs Outputs

Inputs Outputs

| Pr Yr  |   | FY 2 | 2009 |   |   | FY 2 | 2010 |   |   | FY 2 | 2011 |   |   | FY 2 | 2012 |   |   | FY 2 | 2013 |   |
|--------|---|------|------|---|---|------|------|---|---|------|------|---|---|------|------|---|---|------|------|---|
| Totals | 1 | 2    | 3    | 4 | 1 | 2    | 3    | 4 | 1 | 2    | 3    | 4 | 1 | 2    | 3    | 4 | 1 | 2    | 3    | 4 |
|        |   |      |      |   |   |      |      |   |   |      |      |   |   |      |      |   |   |      |      |   |
|        |   |      |      |   |   |      |      |   |   |      |      |   |   |      |      |   |   |      |      |   |

|   | FY 2 | 2014 |   |   | FY 2 | 2015 |   |   | FY | 2016 |   |   | FY | 2017 |   | То       | Totals |
|---|------|------|---|---|------|------|---|---|----|------|---|---|----|------|---|----------|--------|
| 1 | 2    | 3    | 4 | 1 | 2    | 3    | 4 | 1 | 2  | 3    | 4 | 1 | 2  | 3    | 4 | Complete |        |
|   |      |      |   |   |      |      |   |   |    |      |   |   |    |      |   |          |        |
|   |      |      |   |   |      |      |   |   |    |      |   |   |    |      |   |          |        |

METHOD OF IMPLEMENTATION:

Field Application FY 2010 - 31 Mar 10

ADMINISTRATIVE LEADTIME:

5 months FY 2011 -

FY 2012 -

PRODUCTION LEADTIME: 4 months

Contract Dates: Delivery Dates:

FY 2010 - 30 Jun 10

FY 2011 -

FY 2012 -

GZ1290 M249 SAW Machine Gun MODS Item No. 37 Page 7 of 10 223

Date: May 2009

MODIFICATION TITLE (cont): Light Weight Ground Mount [MOD 3] TBD3

FINANCIAL PLAN: (\$ in Millions)

|                               | FY 2  | 2008  |     |     |      |     |     |     |       |      |
|-------------------------------|-------|-------|-----|-----|------|-----|-----|-----|-------|------|
|                               | and I | Prior | 20  | 09  | 20   | 10  | T   | C   | To    | tal  |
|                               | Qty   | \$    | Qty | \$  | Qty  | \$  | Qty | \$  | Qty   | \$   |
| RDT&E                         |       |       |     |     |      |     |     |     |       |      |
| Procurement                   |       |       |     |     |      |     |     |     |       |      |
| Quantity                      | 16439 |       |     |     | 3800 |     |     |     | 20239 |      |
| Hardware                      |       | 21.6  |     |     |      | 4.9 |     |     |       | 26.5 |
| Engineering Support           |       | 1.7   |     |     |      | 0.5 |     |     |       | 2.2  |
| Testing                       |       | 0.1   |     |     |      |     |     |     |       | 0.1  |
| Integrated Logistical Support |       | 0.2   |     |     |      | 0.1 |     |     |       | 0.3  |
| Fielding                      |       | 0.2   |     |     |      |     |     |     |       | 0.2  |
|                               |       |       |     |     |      |     |     |     |       |      |
|                               |       |       |     |     |      |     |     |     |       |      |
|                               |       |       |     |     |      |     |     |     |       |      |
| Installation of Hardware      |       |       |     |     |      |     |     |     |       |      |
| FY 2007 & Prior Equip Kits    |       |       |     |     |      |     |     |     |       |      |
| FY 2008 Kits                  |       |       |     |     |      |     |     |     |       |      |
| FY 2009 Equip Kits            |       |       |     |     |      |     |     |     |       |      |
| FY 2010 Equip Kits            |       |       |     |     |      |     |     |     |       |      |
| FY 2011 Equip Kits            |       |       |     |     |      |     |     |     |       |      |
| FY 2012 Equip Kits            |       |       |     |     |      |     |     |     |       |      |
| FY 2013 Equip Kits            |       |       |     |     |      |     |     |     |       |      |
| FY 2014 Equip Kits            |       |       |     |     |      |     |     |     |       |      |
| TC Equip- Kits                |       |       |     |     |      |     |     |     |       |      |
| Total Installment             | 0     | 0.0   | 0   | 0.0 |      |     |     | 0.0 | 0     | 0.0  |
| Total Procurement Cost        |       | 23.8  |     | 0.0 |      | 5.5 |     | 0.0 |       | 29.3 |

Date:

May 2009

MODIFICATION TITLE: Soft Pack Mag 100&200rd/Barrel Bag/Sling Assembly [MOD 4] TBD4

MODELS OF SYSTEM AFFECTED:

#### DESCRIPTION / JUSTIFICATION:

The 200-Round Soft Pack Magazine provides quiet operation and easy reloading with a 200 round capacity. The M249 Sling Assembly provides improved durability, easier adjustability, improved human factors and improved quick detach buckles. The Dovetail Support strengthens the magazine/weapon interface preventing unintended detaching of the magazine during rough handling. The improved Barrel Bag provides superior durability to withstand hot barrels and improved carry capacity.

# DEVELOPMENT STATUS / MAJOR DEVELOPMENT MILESTONE(S):

Approved For Production 4Q05 (Actual)
Production Contract Award 3Q06 (Actual)
First Production Hardware Delivered 4Q06 (Actual)
First Unit Equipped 1Q07 (Actual)

#### Installation Schedule

Inputs Outputs

Inputs Outputs

| Pr Yr  |   | FY 2 | 2009 |   |   | FY 2 | 2010 |   |   | FY 2 | 2011 |   |   | FY : | 2012 |   |   | FY : | 2013 |   |
|--------|---|------|------|---|---|------|------|---|---|------|------|---|---|------|------|---|---|------|------|---|
| Totals | 1 | 2    | 3    | 4 | 1 | 2    | 3    | 4 | 1 | 2    | 3    | 4 | 1 | 2    | 3    | 4 | 1 | 2    | 3    | 4 |
|        |   |      |      |   |   |      |      |   |   |      |      |   |   |      |      |   |   |      |      |   |
|        |   |      |      |   |   |      |      |   |   |      |      |   |   |      |      |   |   |      |      |   |

|   | FY 2 | 2014 |   |   | FY 2 | 2015 |   |   | FY 2 | 2016 |   |   | FY 2 | 2017 |   | То       | Totals |
|---|------|------|---|---|------|------|---|---|------|------|---|---|------|------|---|----------|--------|
| 1 | 2    | 3    | 4 | 1 | 2    | 3    | 4 | 1 | 2    | 3    | 4 | 1 | 2    | 3    | 4 | Complete |        |
|   |      |      |   |   |      |      |   |   |      |      |   |   |      |      |   |          |        |
|   |      |      |   |   |      |      |   |   |      |      |   |   |      |      |   |          |        |

METHOD OF IMPLEMENTATION: Field Application ADMINISTRATIVE LEADTIME: 5 months PRODUCTION LEADTIME: 9 months Contract Dates: FY 2010 - 31 Mar 10 FY 2011 - FY 2012 -

Delivery Dates: FY 2010 - 30 Nov 10 FY 2011 - FY 2012 -

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Date:

May 2009

MODIFICATION TITLE (cont): Soft Pack Mag 100&200rd/Barrel Bag/Sling Assembly [MOD 4] TBD4

FINANCIAL PLAN: (\$ in Millions)

|                               | FY 2   | 2008  |       |     |       |     |     |     |        |      |
|-------------------------------|--------|-------|-------|-----|-------|-----|-----|-----|--------|------|
|                               | and l  | Prior | 20    | 09  | 20    | 10  | Т   |     | То     | tal  |
|                               | Qty    | \$    | Qty   | \$  | Qty   | \$  | Qty | \$  | Qty    | \$   |
| RDT&E                         |        |       |       |     |       |     |     |     |        |      |
| Procurement                   |        |       |       |     |       |     |     |     |        |      |
| Quantity                      | 117364 |       | 10850 |     | 60500 |     |     |     | 188714 |      |
| Hardware                      |        | 6.1   |       | 0.8 |       | 2.9 |     |     |        | 9.8  |
| Engineering Support           |        | 1.0   |       | 0.1 |       | 0.1 |     |     |        | 1.2  |
| Integrated Logistical Support |        | 0.1   |       |     |       |     |     |     |        | 0.1  |
|                               |        |       |       |     |       |     |     |     |        |      |
|                               |        |       |       |     |       |     |     |     |        |      |
|                               |        |       |       |     |       |     |     |     |        |      |
|                               |        |       |       |     |       |     |     |     |        |      |
|                               |        |       |       |     |       |     |     |     |        |      |
|                               |        |       |       |     |       |     |     |     |        |      |
| Installation of Hardware      |        |       |       |     |       |     |     |     |        |      |
| FY 2007 & Prior Equip Kits    |        |       |       |     |       |     |     |     |        |      |
| FY 2008 Kits                  |        |       |       |     |       |     |     |     |        |      |
| FY 2009 Equip Kits            |        |       |       |     |       |     |     |     |        |      |
| FY 2010 Equip Kits            |        |       |       |     |       |     |     |     |        |      |
| FY 2011 Equip Kits            |        |       |       |     |       |     |     |     |        |      |
| FY 2012 Equip Kits            |        |       |       |     |       |     |     |     |        |      |
| FY 2013 Equip Kits            |        |       |       |     |       |     |     |     |        |      |
| FY 2014 Equip Kits            |        |       |       |     |       |     |     |     |        |      |
| TC Equip- Kits                |        |       |       |     |       |     |     |     |        |      |
| Total Installment             | 0      | 0.0   | 0     | 0.0 | 0     | 0.0 | 0   | 0.0 | 0      | 0.0  |
| Total Procurement Cost        |        | 7.2   |       | 0.9 |       | 3.0 |     | 0.0 |        | 11.1 |

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| Exhibit P-40, Budget Item  | Justification Sh | eet      |             |           |                                |                                      | Date:       | ay 2009    |
|--|------------------|----------|-------------|-----------|--------------------------------|--------------------------------------|-------------|------------|
| Appropriation / Budget Activity / Seri<br>Procurement of W&TCV, Army / 2 / |                  | vehicles |             |           | P-1 Item Nomencla<br>M240 Medi | tture<br>um Machine Gun MODS (GZ1300 | ))          |            |
| Program Elements for Code B Items:   | C                | Code:    | Other Relat | ted Progr | ram Elements:                  |                                      |             |            |
|  | Prior Years      |          | FY 2008     |           | FY 2009                        | FY 2010                              | To Complete | Total Prog |
| Proc Qty   |                  |          |             |           |                                |                                      |             |            |
| Gross Cost   |                  | 67.9     | 14.0        | 6         | 21.1                           | 22.8                                 |             | 126.4      |
| Less PY Adv Proc   |                  |          |             |           |                                |                                      |             |            |
| Plus CY Adv Proc   |                  |          |             |           |                                |                                      |             |            |
| Net Proc P1  |                  | 67.9     | 14.0        | 6         | 21.1                           | 22.8                                 |             | 126.4      |
| Initial Spares   |                  |          |             |           |                                |                                      |             |            |
| Total Proc Cost  |                  | 67.9     | 14.0        | 6         | 21.1                           | 22.8                                 |             | 126.4      |
| Flyaway U/C  |                  |          |             |           |                                |                                      |             |            |
| Weapon System Proc U/C   |                  |          |             |           |                                |                                      |             |            |

The M240B Medium Machine Gun is an infantry version of the M240 Armored Machine Gun used to replace the M60 Series Machine Gun in light infantry, mechanized infantry, armor, rangers, special forces, and select combat engineer units. Since the initial fielding of the M240B, various system enhancements have been identified that further improves the use of this weapon system by increasing functionality and performance capabilities, while improving training capability. These include adopting a forward rail system to mount ancillary sighting/night vision equipment, an accessory ammunition pouch, a spare barrel bag to transport and store overheated barrels, and an improved Light Weight Ground Mount. Additional enhancements include improved bipod, sling, short barrel, combat ammo pack, and collapsible buttstock.

#### Justification:

FY10 Base procurement dollars in the amount of \$17.964 million supports the Army by purchasing M192 Light Weight Ground Mounts and system enhancements for the M240B Medium Machine Gun Weapon System. M192 Light Weight Ground Mounts, which weigh 11.4 lbs., will reduce the Soldier's combat load weight by 6.4 lbs. It will incorporate a modern traverse and elevating mechanism that will maintain predetermined elevation throughout the full range of weapon traverse, as well as contain a series of index marks that enable gunners to construct a range data card. Additional system enhancements have been identified by fielded units to further improve the reliability and functionality of this weapon system. These include improved slings, improved bipods, short barrels, collapsible buttstocks, and combat ammo packs.

FY10 Overseas Contingency Operations (OCO) procurement dollars in the amount of \$4.800 million supports the Army by purchasing Improved Bipods and Collapsible Buttstocks.

| Exhibit P-40           | M, Budget Item Justif                | ication Sheet           |              |                   |                     | Date:<br>May 2009          |        |
|------------------------|--------------------------------------|-------------------------|--------------|-------------------|---------------------|----------------------------|--------|
| Appropriation / Budget | Activity / Serial No:                |                         | P-1 Item Nom | enclature         |                     | <u> </u>                   |        |
| Procureme              | ent of W&TCV, Army / 2 / Weapons and | d other combat vehicles | N            | 1240 Medium Machi | ne Gun MODS (GZ1300 | )                          |        |
| Program Elements for 0 | Code B Items:                        |                         |              |                   | Code:<br>A          | Other Related Program Elen | nents: |
| Description            |                                      | Fiscal Years            |              |                   |                     |                            |        |
| OSIP No.               | Classification                       | 2008 & PR               | FY 2009      | FY 2              | 2010                | TC                         | Total  |
| M240B System Imp       | rovements                            |                         |              |                   |                     |                            |        |
| TBD1                   | Operational                          | 21.5                    | 15           | 5                 | 22.8                | 0.0                        | 59.    |
| M192 Light Weight      | Ground Mount                         |                         |              |                   |                     |                            |        |
| TBD2                   | Operation                            | 44.8                    | 5            | 6                 | 0.0                 | 0.0                        | 50.    |
| Closed Mods            |                                      |                         |              |                   |                     |                            |        |
| NA                     |                                      | 16.2                    | 0            | 0                 | 0.0                 | 0.0                        | 16.    |
| Totals                 |                                      | 82.5                    | 21           | 1                 | 22.8                | 0.0                        | 126.   |

Date:

May 2009

MODIFICATION TITLE: M240B System Improvements [MOD 1] TBD1

MODELS OF SYSTEM AFFECTED:

#### DESCRIPTION / JUSTIFICATION:

The M240B Medium Machine Gun is an infantry version of the M240 Armored Machine Gun used to replace the M60 Series Machine Gun in Light Infantry, Mechanized Infantry, Armor, Rangers, Special Forces and select Combat Engineer units. The U.S. Army has identified a need to upgrade its current inventory of 7.62mm Medium Machine Guns in order to provide the dismounted infantryman a more reliable, accurate, and lethal medium machine gun to suppress and destroy enemy personnel, lightly armored vehicles, and fortified positions. System enhancements have been identified by fielded units to further improve the reliability of this weapon system. These include adopting a forward rail system to mount ancillary sighting/night vision equipment, providing an accessory ammunition pouch to improve forward assault fire capability, and an improved Blank Firing Adaptor to support increased training requirements. Additional enhancements include improved bipod, sling, short barrel, and collapsible buttstock.

DEVELOPMENT STATUS / MAJOR DEVELOPMENT MILESTONE(S):

Production Contract Award

First Production Hardware Delivered
First Unit Equipped

Aug 01 (Actual)

Jan 02(Actual)

Feb 02 (Actual)

Installation Schedule

Inputs Outputs

Inputs Outputs

| Pr Yr  |   | FY | 2009 |   |   | FY 2 | 2010 |   |   | FY 2 | 2011 |   |   | FY 2 | 2012 |   |   | FY 2 | 2013 |   |
|--------|---|----|------|---|---|------|------|---|---|------|------|---|---|------|------|---|---|------|------|---|
| Totals | 1 | 2  | 3    | 4 | 1 | 2    | 3    | 4 | 1 | 2    | 3    | 4 | 1 | 2    | 3    | 4 | 1 | 2    | 3    | 4 |
|        |   |    |      |   |   |      |      |   |   |      |      |   |   |      |      |   |   |      |      |   |
|        |   |    |      |   |   |      |      |   |   |      |      |   |   |      |      |   |   |      |      |   |

|   | FY 2 | 2014 |   |         | FY 2 | 2015 |   |   | FY ? | 2016 |   |   | FY : | 2017     |  | То | Totals |
|---|------|------|---|---------|------|------|---|---|------|------|---|---|------|----------|--|----|--------|
| 1 | 2    | 3    | 4 | 1 2 3 4 |      | 1    | 2 | 3 | 4    | 1    | 2 | 3 | 4    | Complete |  |    |        |
|   |      |      |   |         |      |      |   |   |      |      |   |   |      |          |  |    |        |
|   |      |      |   |         |      |      |   |   |      |      |   |   |      |          |  |    |        |

METHOD OF IMPLEMENTATION: Field Applications ADMINISTRATIVE LEADTIME: 5 months PRODUCTION LEADTIME: 8 months

Contract Dates: FY 2010 - 31 Mar 10 FY 2011 - FY 2012 -

Delivery Dates: FY 2010 - 30 Oct 10 FY 2011 - FY 2012 -

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Date: May

May 2009

MODIFICATION TITLE (cont): M240B System Improvements [MOD 1] TBD1

FINANCIAL PLAN: (\$ in Millions)

|                               | FY 2   | 2008  |       |      |       |      |     |     |        |      |
|-------------------------------|--------|-------|-------|------|-------|------|-----|-----|--------|------|
|                               | and I  | Prior | 20    | 09   | 20    | 10   | Т   | С   | То     | tal  |
|                               | Qty    | \$    | Qty   | \$   | Qty   | \$   | Qty | \$  | Qty    | \$   |
| RDT&E                         |        |       |       |      |       |      |     |     |        |      |
| Procurement                   |        |       |       |      |       |      |     |     |        |      |
| Quantity                      | 103549 |       | 52051 |      | 47050 |      |     |     | 202650 |      |
| Hardware                      |        | 20.2  |       | 15.2 |       | 22.2 |     |     |        | 57.6 |
| Engineering Support           |        | 0.7   |       | 0.1  |       | 0.2  |     |     |        | 1.0  |
| Integrated Logistical Support |        | 0.2   |       | 0.1  |       | 0.2  |     |     |        | 0.5  |
| Fielding                      |        | 0.4   |       | 0.1  |       | 0.2  |     |     |        | 0.7  |
|                               |        |       |       |      |       |      |     |     |        |      |
|                               |        |       |       |      |       |      |     |     |        |      |
|                               |        |       |       |      |       |      |     |     |        |      |
| Installation of Hardware      |        |       |       |      |       |      |     |     |        |      |
| FY 2007 & Prior Equip Kits    |        |       |       |      |       |      |     |     |        |      |
| FY 2008 Kits                  |        |       |       |      |       |      |     |     |        |      |
| FY 2009 Equip Kits            |        |       |       |      |       |      |     |     |        |      |
| FY 2010 Equip Kits            |        |       |       |      |       |      |     |     |        |      |
| FY 2011 Equip Kits            |        |       |       |      |       |      |     |     |        |      |
| FY 2012 Equip Kits            |        |       |       |      |       |      |     |     |        |      |
| FY 2013 Equip Kits            |        |       |       |      |       |      |     |     |        |      |
| FY 2014 Equip Kits            |        |       |       |      |       |      |     |     |        |      |
| TC Equip                      |        |       |       |      |       |      |     |     |        |      |
| Total Installment             | 0      | 0.0   | 0     | 0.0  | 0     | 0.0  | 0   | 0.0 | 0      | 0.0  |
| Total Procurement Cost        |        | 21.5  |       | 15.5 |       | 22.8 |     | 0.0 |        | 59.8 |

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Date:

May 2009

MODIFICATION TITLE: M192 Light Weight Ground Mount [MOD 2] TBD2

MODELS OF SYSTEM AFFECTED:

#### DESCRIPTION / JUSTIFICATION:

The M192 Light Weight Ground Mount will reduce the weight of the current M122A1 tripod by approximately 50 percent. It will incorporate a modern traverse and elevating mechanism that will maintain predetermined elevation throughout the full range of weapon traverse, as well as contain a series of index marks that will enable gunners to construct a range data card.

# DEVELOPMENT STATUS / MAJOR DEVELOPMENT MILESTONE(S):

Development/Operational Tests 3Q-4Q FY03 (Actual)
Type Classification (STD) 2Q FY04 (Actual)
Production Contract Award 2Q FY04 (Actual)
First Production Hardware Delivered 2Q FY05 (Actual)

3Q FY05 (Actual)

First Unit Equipped

Installation Schedule

| Pr Yr  |   | FY 2    | 2009 |  |  | FY 2 | 2010 |   |   | FY 2 | 2011 |   |   | FY 2 | 2012 |   |   | FY 2 | 2013 |   |
|--------|---|---------|------|--|--|------|------|---|---|------|------|---|---|------|------|---|---|------|------|---|
| Totals | 1 | 1 2 3 4 |      |  |  | 2    | 3    | 4 | 1 | 2    | 3    | 4 | 1 | 2    | 3    | 4 | 1 | 2    | 3    | 4 |
|        |   |         |      |  |  |      |      |   |   |      |      |   |   |      |      |   |   |      | 1    |   |
|        |   |         |      |  |  |      |      |   |   |      |      |   |   |      |      |   |   |      | 1    |   |

| Inputs |
|--------|
| Output |
|        |

Inputs Outputs

| ĺ |   | FY 2 | 2014 |   |   | FY 2 | 2015 |   |   | FY 2 | 2016 |   |   | FY 2 | 2017 |   | То       | Totals |
|---|---|------|------|---|---|------|------|---|---|------|------|---|---|------|------|---|----------|--------|
| ĺ | 1 | 2    | 3    | 4 | 1 | 2    | 3    | 4 | 1 | 2    | 3    | 4 | 1 | 2    | 3    | 4 | Complete |        |
| ĺ |   |      |      |   |   |      |      |   |   |      |      |   |   |      |      |   |          |        |
|   |   |      |      |   |   |      |      |   |   |      |      |   |   |      |      |   |          |        |

METHOD OF IMPLEMENTATION: Field Applications ADMINISTRATIVE LEADTIME: 0 months PRODUCTION LEADTIME: 0 months

Contract Dates: FY 2010 - FY 2011 - FY 2011 -

Delivery Dates: FY 2010 - FY 2011 - FY 2011 -

Item No. 38 Page 5 of 6 Exhibit P-3A 231 Individual Modification

Date:

May 2009

MODIFICATION TITLE (cont): M192 Light Weight Ground Mount [MOD 2] TBD2

FINANCIAL PLAN: (\$ in Millions)

|                               | FY 2  | 8008  |      |     |     |     |     |     |       |      |
|-------------------------------|-------|-------|------|-----|-----|-----|-----|-----|-------|------|
|                               | and I | Prior | 20   | 09  | 20  | 010 | Т   | С   | То    | tal  |
|                               | Qty   | \$    | Qty  | \$  | Qty | \$  | Qty | \$  | Qty   | \$   |
| RDT&E                         |       |       |      |     |     |     |     |     |       |      |
| Procurement                   |       |       |      |     |     |     |     |     |       |      |
| M192 Ground Mount             | 48356 | 40.3  | 4327 | 5.4 |     |     |     |     | 52683 | 45.7 |
| M192 Ground Mount-GTA         | 1000  | 1.2   |      |     |     |     |     |     | 1000  | 1.2  |
| Engineering Support           |       | 2.1   |      | 0.1 |     |     |     |     |       | 2.2  |
| Testing                       |       | 0.2   |      |     |     |     |     |     |       | 0.2  |
| Integrated Logistical Support |       | 0.4   |      |     |     |     |     |     |       | 0.4  |
| Fielding                      |       | 0.4   |      | 0.1 |     |     |     |     |       | 0.5  |
| New Equipment Training        |       | 0.2   |      |     |     |     |     |     |       | 0.2  |
|                               |       |       |      |     |     |     |     |     |       |      |
|                               |       |       |      |     |     |     |     |     |       |      |
| Installation of Hardware      |       |       |      |     |     |     |     |     |       |      |
| FY 2007 & Prior Equip Kits    |       |       |      |     |     |     |     |     |       |      |
| FY 2008 Kits                  |       |       |      |     |     |     |     |     |       |      |
| FY 2009 Equip Kits            |       |       |      |     |     |     |     |     |       |      |
| FY 2010 Equip Kits            |       |       |      |     |     |     |     |     |       |      |
| FY 2011 Equip Kits            |       |       |      |     |     |     |     |     |       |      |
| FY 2012 Equip Kits            |       |       |      |     |     |     |     |     |       |      |
| FY 2013 Equip Kits            |       |       |      |     |     |     |     |     |       |      |
| FY 2014 Equip Kits            |       |       |      |     |     |     |     |     |       |      |
| TC Equip                      |       |       |      |     |     |     |     |     |       |      |
| Total Installment             | 0     | 0.0   | 0    | 0.0 | 0   | 0.0 | 0   | 0.0 | 0     | 0.0  |
| Total Procurement Cost        |       | 44.8  |      | 5.6 |     | 0.0 |     | 0.0 |       | 50.4 |

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| Exhibit P-40, Budget Item  | <b>Justification Sheet</b> | t     |                  |                              |                        | Date:       | y 2009     |
|--|----------------------------|-------|------------------|------------------------------|------------------------|-------------|------------|
| Appropriation / Budget Activity / Seri<br>Procurement of W&TCV, Army / 2 / |                            | eles  |                  | P-1 Item Nomencla<br>PHALANX | ature<br>MODS (GL1000) |             |            |
| Program Elements for Code B Items:   | Code                       | e: C  | Other Related Pr | rogram Elements:             |                        |             |            |
|  | Prior Years                | FY 20 | 008              | FY 2009                      | FY 2010                | To Complete | Total Prog |
| Proc Qty   |                            |       |                  |                              |                        |             |            |
| Gross Cost   | 364.1                      | 1     | 138.2            |                              |                        |             | 502.3      |
| Less PY Adv Proc   |                            |       |                  |                              |                        |             |            |
| Plus CY Adv Proc   |                            |       |                  |                              |                        |             |            |
| Net Proc P1  | 364.1                      | 1     | 138.2            |                              |                        |             | 502.3      |
| Initial Spares   |                            |       |                  |                              |                        |             |            |
| Total Proc Cost  | 364.1                      | 1     | 138.2            |                              |                        |             | 502.3      |
| Flyaway U/C  |                            |       |                  |                              |                        |             |            |
| Weapon System Proc U/C   |                            |       |                  |                              |                        |             |            |

The Phalanx gun is part of the Counter-Rocket, Artillery and Mortar (C-RAM) system. The primary mission of the C-RAM program is to develop, procure, field and maintain a system of systems that can detect rocket, artillery or mortar launches; warn the defended area with sufficient time for personnel to take cover; intercept rounds in flight, thus preventing damage to ground forces or facilities; and enhance response to and defeat of enemy forces. C-RAM utilizes a system of systems (SoS) approach, and is comprised of a combination of multi-service fielded and non-developmental item (NDI) sensors, command and control (C2) systems and a modified U.S. Navy intercept system, with a low cost commercial off-the-shelf (COTS) warning system and wireless local area network. The system will be fielded to various fixed sites, providing them correlated air and ground pictures and linking them to the Army Battle Command System (ABCS) and the Joint Defense Network (JDN), via various forms of communications, to provide situational awareness and exchange of timely and accurate information to synchronize and optimize automated Shape, Sense, Warn, Intercept, Respond and Protect decisions. The current Intercept capability is provided by Land-Based Phalanx Weapon Systems (LPWS) (a Navy Phalanx gun system mounted on a trailer). The LPWS are procured from the Navy, modified by a Navy contractor, and supported by Navy logistical services.

#### Justification:

FY10 has no funding.

| Exhibit P-5, Weapon WTCV Cost Analysis | Appropriation/Budget Activity/Serial No:<br>Procurement of W&TCV, Army / 2 / Wea<br>combat vehicles | pons and |            |       | omenclature:<br>OS (GL1000) |            |       | Weapon Syste | m Type:    | Date: | May 2009  |
|--|---|----------|------------|-------|-----------------------------|------------|-------|--------------|------------|-------|-----------|
| WTCV                                   |   | ID       |            | FY 08 |                             |            | FY 09 |              |            | FY 10 |           |
| Cost Elemen                            | ts  | CD       | Total Cost | Qty   | Unit Cost                   | Total Cost | Qty   | Unit Cost    | Total Cost | Qty   | Unit Cost |
|  |   | \$000    | Units      | \$000 | \$000                       | Units      | \$000 | \$000        | Units      | \$000 |           |
| 1. System Integration/ Hardware        |   |          | 131428     | 3     |                             |            |       |              |            |       |           |
| 2. Test                                |   |          | 2000       | )     |                             |            |       |              |            |       |           |
| 3. Development / Upgrades              |   |          | 4800       | )     |                             |            |       |              |            |       |           |
|  |   |          |            |       |                             |            |       |              |            |       |           |
| Total:                                 |   |          | 138228     | 3     |                             |            |       |              |            |       |           |

| Exhibit P-5a, Budget Procurement  | History and Planning                        |                                |                                |            |                           |              |                    | ate:<br>1ay 2009       | )                      |                      |
|---|---|--------------------------------|--------------------------------|------------|---------------------------|--------------|--------------------|------------------------|------------------------|----------------------|
| Appropriation/Budget Activity/Serial No: Procurement of W&TCV, Army/ 2/ Weapons and other comba | Weapon System Type:                         |                                | Nomenclature:<br>IODS (GL1000) |            |                           |              |                    |                        |                        |                      |
| WBS Cost Elements:  | Contractor and Location                     | Contract<br>Method and<br>Type | Location of PCO                | Award Date | Date of First<br>Delivery | QTY<br>Units | Unit Cost<br>\$000 | Specs<br>Avail<br>Now? | Date<br>Revsn<br>Avail | RFP<br>Issue<br>Date |
| 1. System Integration/ Hardware<br>FY 2008  | PM Phalanx/Raytheon, Tucson AZ<br>Tucson AZ | MIPR                           | Tucson, AZ                     | Aug 09     | Aug 10                    | 11           | 12556              | N                      | N/A                    | N/A                  |

REMARKS: Remarks: Procured through MIPR to Navy PM Phalanx.

|        |            | F         | Y 08 /      | 09 BU          | DGE'           | T PRO       | ODUC                                       | CTIO   | N SCI       | HEDU   | LE          |             |             | P-1 ITEN<br>PHALAI |             |             |             |             |             |             |             |             | Dat         | e:          | May 20      | 009                    |                        |             |   |       |   |
|--------|------------|-----------|-------------|----------------|----------------|-------------|--|--|-------------|--|-------------|-------------|-------------|--------------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|------------------------|------------------------|-------------|---|-------|---|
|        | C          | OST I     | ELEM        | IENTS          |                |             |  |  |             |  | Fiscal '    | Year 0      | 8           | •                  |             |             |             |             |             |             |             |             | Fiscal Y    | ear 09      | )           |                        |                        |             |   |       |   |
| M      |            | S<br>E    | PROC<br>QTY | ACCEP<br>PRIOR | BAL<br>DUE     |             |  |  |             |  |             |             |             | Calenda            | ar Year (   | )8          | [           |             |             |             |             |             |             | Calen       | ıdar Yea    | ar 09                  |                        |             |   |       |   |
| F<br>R | FY         | R<br>V    | Units       | TO             | AS OF<br>1 OCT | O<br>C<br>T | N<br>O<br>V                                | D<br>E<br>C                                      | J<br>A<br>N | F<br>E<br>B                                      | M<br>A<br>R | A<br>P<br>R | M<br>A<br>Y | U                  | J<br>U<br>L | A<br>U<br>G | S<br>E<br>P | O<br>C<br>T | N<br>O<br>V | D<br>E<br>C | J<br>A<br>N | F<br>E<br>B | M<br>A<br>R | A<br>P<br>R | M<br>A<br>Y | J<br>U<br>N            | J<br>U<br>L            | A<br>U<br>G | S<br>E<br>P   | Later |   |
| 1 S    | System Ir  | ntegratic | on/ Hardw   | /are           |                | 1           |  |  | IN          | ь  | K           | K           | 1           |                    | L           | u           | Г           | 1           | v           | C           | IN          | ь           | K           | K           | 1           | IN                     |                        | u           |   |       | L |
|        | FY 08      |           | 11          | 0              | 11             |             |  |  |             |  |             |             |             |                    |             |             |             |             |             |             |             |             |             |             |             |                        |                        | A           |   | 11    | Γ |
|        |            |           |             |                |                |             |  |  |             |  |             |             |             | -                  |             |             |             |             |             |             |             |             |             |             |             |                        |                        |             |   |       | • |
|        |            |           |             |                |                |             |  |  |             |  |             |             |             | -                  |             |             |             |             |             |             |             |             |             |             |             |                        |                        |             |   |       |   |
|        |            |           |             |                |                |             |  |  |             |  |             |             |             |                    |             |             |             |             |             |             |             |             |             |             |             |                        |                        |             |   |       | 1 |
|        |            |           |             |                |                |             |  |  |             |  |             |             |             |                    |             |             |             |             |             |             |             |             |             |             |             |                        |                        |             |   |       |   |
|        |            |           |             |                |                |             |  |  |             |  |             |             |             |                    |             |             |             |             |             |             |             |             |             |             |             |                        |                        |             | <u> </u>  |       |   |
|        |            | <u> </u>  | <u> </u>    |                |                |             | <u> </u>                                   | ļ  |             |  |             |             |             |                    |             |             |             |             |             |             |             |             |             |             |             |                        |                        |             | <u> </u>  |       |   |
|        |            |           | <u> </u>    |                |                |             |  |  |             | $\longmapsto$                                    |             |             |             |                    | ļ           |             |             |             |             |             |             |             |             |             |             |                        | <u> </u>               |             | —   |       |   |
|        |            |           |             |                |                |             |  |  |             | $\longmapsto$                                    |             |             |             |                    |             |             |             |             |             |             |             |             |             |             |             | <u> </u>               | <b></b> -              |             | —   |       | - |
|        |            | <u> </u>  |             |                |                |             | -  | <u> </u>   |             |  |             |             |             |                    |             |             |             |             |             |             |             |             |             |             |             |                        |                        |             | —   |       | - |
|        |            |           | <b></b>     |                |                |             | -  |  |             | $\vdash$   |             |             |             |                    |             |             |             |             |             |             |             |             |             |             |             | $\vdash \vdash \vdash$ | $\vdash$               |             | $\vdash \!$ |       |   |
|        |            |           |             |                |                |             |  |  |             | $\vdash$   |             |             |             | -                  | <u> </u>    |             |             |             |             |             |             |             |             |             |             |                        |                        |             | ├──   |       | 1 |
|        |            |           | $\vdash$    |                |                |             |  | <u> </u>   | +           | $\vdash$   |             |             |             | +                  | <u> </u>    |             |             |             |             |             |             |             |             |             |             |                        | $\vdash$               |             | $\vdash$  |       |   |
| Tot    | 91         |           | +           |                | 11             |             |  | <del>                                     </del> | +           | $\vdash$   |             |             |             | +                  | -           |             |             |             |             |             |             |             |             |             |             | $\vdash$               | $\vdash \vdash \vdash$ |             | $\vdash$  | 11    | - |
| 100    | ш          |           |             |                |                | 0           | N  | D  | J           | F  | M           | A           | M           | J                  | J           | A           | S           | 0           | N           | D           | J           | F           | M           | A           | M           | J                      | J                      | A           | S   |       | - |
|        |            |           |             |                |                | C<br>T      | O<br>V                                     | E<br>C   | A<br>N      | E<br>B   | A<br>R      | P<br>R      | A<br>Y      | U                  | U<br>L      | U<br>G      | E<br>P      | C<br>T      | O<br>V      | E<br>C      | A<br>N      | E<br>B      | A<br>R      | P<br>R      | A<br>Y      | U<br>N                 | U<br>L                 | U<br>G      | E<br>P  |       |   |
|        |            |           |             |                |                |             |  |  |             | _ Б  | K           | K           |             | - 1                | L           | - G         | 1           |             | <b>,</b>    | C           | 14          |             | K           | K           | 1           | 14                     | L                      | · ·         |   |       | 1 |
|        | 1          |           |             |                |                |             |  |  |             |  | 1           |             | - 1         |                    |             | Τ.          |             |             |             |             |             |             |             |             |             |                        |                        |             |   |       |   |
| M      |            |           |             |                |                |             | <u>                                   </u> | PRODU  | ICTION I    | RATES  | ۱,          |             |             |                    |             |             | DMIN I      |             |             |             | MFR         |             | TOTA        |             | REMA        | RKS                    |                        |             |   |       |   |
| F<br>R |            |           | Now         | ie - Locati    |                |             | Ι,   | MIN  | 1-8-5       | MAX  |             | hed M       |             |                    |             | Pric        | or 1 Oct    |             | r 1 Oct     | AIt         | er 1 Oct    |             | After 1     |             | 1           |                        |                        |             |   |       |   |
|        | +          | olony/D   |             | Tucson A       |                | n A7        |  | 24   | 24          | 72   | D-          | +           | -           | nitial             |             |             | 0           |             | 12<br>22    |             | 12          |             | 34          |             | 1           |                        |                        |             |   |       |   |
| 1      | 1 1/1 1 11 | aialix/ K | .aytiicoii, | Tucson A.      | z, rucso       | II AL       | _  | 27   |             | 12   |             |             |             | Reorder<br>nitial  |             |             | U           |             | 22          |             | 12          |             | 34          |             | 1           |                        |                        |             |   |       |   |
|        |            |           |             |                |                |             | _  |  |             |  |             |             | -           | Reorder            |             |             |             |             |             |             |             |             |             |             | 1           |                        |                        |             |   |       |   |
|        | +          |           |             |                |                |             | -+   | $\dashv$   |             | <del>                                     </del> |             | -           |             | nitial             |             |             |             |             |             |             |             |             |             |             | 1           |                        |                        |             |   |       |   |
|        |            |           |             |                |                |             | +  | $\rightarrow$                                    |             |  |             |             | -           | Reorder            |             |             |             |             |             |             |             |             |             |             |             |                        |                        |             |   |       |   |
|        |            |           |             |                |                |             | +  | $\dashv$   |             |  |             | -           |             | nitial             |             |             |             | -           |             |             |             |             |             |             | 1           |                        |                        |             |   |       |   |
|        |            |           |             |                |                |             | $\dashv$                                   | $\rightarrow$                                    |             |  |             |             | -           | Reorder            |             |             |             |             |             |             |             |             |             |             | 1           |                        |                        |             |   |       |   |
|        | 1          |           |             |                |                |             | +  | $\rightarrow$                                    |             | <del>                                     </del> |             | -           | _           | nitial             |             | +           |             | 1           |             |             |             |             |             |             | 1           |                        |                        |             |   |       |   |
|        |            |           |             |                |                |             |  |  |             |  |             |             | -           | Reorder            |             |             |             |             |             |             |             |             |             |             | 1           |                        |                        |             |   |       |   |

|        |           | F         | FY 10 /     | ' 11 BU        | DGE            | T PRO       | ODUC        | CTIO        | N SCI       | HEDU        | ILE         |             |             | P-1 ITEN<br>PHALA |             |             |             |             |             |             |             |             | Dat         |             | May 20      | 009         |             |             |   |       |   |
|--------|-----------|-----------|-------------|----------------|----------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|---|-------|---|
|        | C         | OST       | ELEM        | IENTS          |                |             |             |             |             |             | Fiscal '    | Year 10     | 0           | · ·               |             |             |             |             |             |             |             |             | Fiscal Y    | ear 11      | l           |             |             |             |   |       |   |
| M      |           | S<br>E    | PROC<br>QTY | ACCEP<br>PRIOR | BAL<br>DUE     |             |             |             |             |             |             |             |             | Calenda           | ar Year 1   | 10          |             |             |             |             |             |             |             | Calen       | ıdar Yea    | er 11       |             |             |   |       |   |
| F<br>R | FY        | R<br>V    | Units       | TO<br>1 OCT    | AS OF<br>1 OCT | O<br>C<br>T | N<br>O<br>V | D<br>E<br>C | J<br>A<br>N | F<br>E<br>B | M<br>A<br>R | A<br>P<br>R | M<br>A<br>Y | U                 | J<br>U<br>L | A<br>U<br>G | S<br>E<br>P | O<br>C<br>T | N<br>O<br>V | D<br>E<br>C | J<br>A<br>N | F<br>E<br>B | M<br>A<br>R | A<br>P<br>R | M<br>A<br>Y | J<br>U<br>N | J<br>U<br>L | A<br>U<br>G | S<br>E<br>P   | Later |   |
| 1. S   | System Ir | ntegratio | on/ Hardv   | vare           |                |             |             |             | 14          | В           | K           | - K         | 1 1         | 14                |             | 0           | 1           |             |             | C           | 14          | В           | K           | K           | 1           | 11          | L           | O .         |   |       | _ |
|        | FY 08     |           | 11          | 0              | 11             |             |             |             |             |             |             |             |             |                   |             | 4           | 4           | 3           |             |             |             |             |             |             |             |             |             |             |   | 0     | Γ |
|        |           |           |             |                |                |             |             |             |             |             |             |             |             |                   |             |             |             |             |             |             |             |             |             |             |             |             |             |             |   |       | i |
|        |           |           |             |                |                |             |             |             |             |             |             |             |             |                   |             |             |             |             |             |             |             |             |             |             |             |             |             |             |   |       | 1 |
|        |           |           |             |                |                |             |             |             |             |             |             |             |             |                   |             |             |             |             |             |             |             |             |             |             |             |             |             |             |   |       | 1 |
|        |           |           |             |                |                |             |             |             |             |             |             |             |             |                   |             |             |             |             |             |             |             |             |             |             |             |             |             |             |   |       |   |
|        |           |           |             |                |                |             |             |             |             |             |             |             |             |                   |             |             |             |             |             |             |             |             |             |             |             |             |             |             | <u> </u>  |       |   |
|        |           |           |             |                |                |             |             | <u> </u>    |             |             |             |             |             |                   |             |             |             |             |             |             |             |             |             |             |             |             |             |             | <u> </u>  |       | 1 |
|        |           |           |             |                |                |             |             |             |             |             |             |             |             |                   |             |             |             |             |             |             |             |             |             |             |             |             |             |             | —   |       | 1 |
|        |           |           |             |                |                |             |             |             |             |             |             |             |             |                   | ļ           |             |             |             |             |             |             |             |             |             |             |             |             |             | —   |       | 4 |
|        |           |           |             |                |                |             |             |             |             |             |             |             |             |                   | -           |             |             |             |             |             |             |             |             |             |             |             |             |             | —   |       | 4 |
|        |           |           |             |                |                |             |             |             |             |             |             |             |             |                   |             |             |             |             |             |             |             |             |             |             |             |             |             |             | $\vdash \!$ |       | ł |
|        |           |           |             |                |                |             |             |             |             |             |             |             |             |                   | -           |             |             |             |             |             |             |             |             |             |             |             |             |             | ├──   |       | 1 |
|        |           |           |             |                |                |             |             |             |             |             |             |             | <u> </u>    |                   |             |             |             |             |             |             |             |             |             |             |             |             |             |             | $\vdash \vdash$   |       | 1 |
| Tot    | a1        |           |             |                | 11             |             |             |             |             |             |             |             |             |                   |             | 4           | 4           | 3           |             |             |             |             |             |             |             |             |             |             | $\vdash$  |       | 1 |
| 100    |           |           |             |                |                | 0           | N           | D           | J           | F           | M           | A           | M           | J                 | J           | A           | S           | 0           | N           | D           | J           | F           | M           | A           | M           | J           | J           | A           | S   |       | 1 |
|        |           |           |             |                |                | C<br>T      | O<br>V      | E<br>C      | A<br>N      | E<br>B      | A<br>R      | P<br>R      | A<br>Y      | U                 | U<br>L      | U<br>G      | E<br>P      | C<br>T      | O<br>V      | E<br>C      | A<br>N      | E<br>B      | A<br>R      | P<br>R      | A<br>Y      | U<br>N      | U<br>L      | U<br>G      | E<br>P  |       |   |
|        |           |           |             |                |                |             |             |             |             |             |             |             |             |                   |             |             |             |             | •           |             |             |             | •           | •           |             | •           |             | •           |   |       |   |
| M      |           |           |             |                |                |             |             | PRODU       | ICTION 1    | RATES       |             |             | Т           |                   |             | A           | DMIN I      | EAD T       | IME         |             | MFR         |             | TOTA        | AL          | REMA        | RKS         |             |             |   |       | _ |
| F      |           |           |             |                |                |             |             |             |             |             | Reac        | hed M       | IFR         |                   |             |             | or 1 Oct    | _           | r 1 Oct     |             | er 1 Oct    |             | After 1     |             |             |             |             |             |   |       |   |
| R      |           |           | Nam         | e - Locati     | on             |             | ı           | MIN         | 1-8-5       | MAX         |             | -           | _           | nitial            |             |             | 0           |             | 12          |             | 2           |             | 14          |             | 1           |             |             |             |   |       |   |
|        | +         | alanx/R   | aytheon,    | Tucson A       | Z, Tucsoi      | n AZ        |             | 24          | 24          | 72          |             |             | I           | Reorder           | -           |             | 0           |             | 22          |             | 12          |             | 34          |             |             |             |             |             |   |       |   |
|        |           |           |             |                |                |             |             |             |             |             |             |             | _           | nitial            | -           |             |             |             |             |             |             |             |             |             |             |             |             |             |   |       |   |
|        |           |           |             |                |                |             |             |             |             |             |             |             | I           | Reorder           |             |             |             |             |             |             |             |             |             |             |             |             |             |             |   |       |   |
|        |           |           |             |                |                |             |             |             |             |             |             |             | I           | nitial            | -           |             |             |             |             |             |             |             |             |             |             |             |             |             |   |       |   |
|        |           |           |             |                |                |             |             |             |             |             |             |             | I           | Reorder           |             |             |             |             |             |             |             |             |             |             | 1           |             |             |             |   |       |   |
|        |           |           |             |                |                |             |             |             |             |             |             |             | I           | nitial            |             |             |             |             |             |             |             |             |             |             | 1           |             |             |             |   |       |   |
|        |           |           |             |                |                |             |             |             |             |             |             |             | I           | Reorder           |             |             |             |             |             |             |             |             |             |             | 1           |             |             |             |   |       |   |
|        |           |           |             |                |                |             |             |             |             |             |             |             | I           | nitial            |             |             |             |             |             |             |             |             |             |             |             |             |             |             |   |       |   |
|        |           |           |             |                |                |             |             |             |             |             |             |             | I           | Reorder           |             |             |             |             |             |             |             |             |             |             | l           |             |             |             |   |       |   |

| Exhibit P-40, Budget Item J  | <b>Justification Sh</b> | ieet     |      |               |         |                               |             | Ι | Date:       | ay 2009 |      |
|--|-------------------------|----------|------|---------------|---------|-------------------------------|-------------|---|-------------|---------|------|
| Appropriation / Budget Activity / Serial<br>Procurement of W&TCV, Army / 2 / W |                         | vehicles |      |               |         | P-1 Item Nomencla<br>M119 MOI | NS (GC0401) | • |             |         |      |
| Program Elements for Code B Items:   | C                       | Code:    |      | Other Related | d Progr | am Elements:                  |             |   |             |         |      |
|  | Prior Years             |          | FY : | 2008          |         | FY 2009                       | FY 2010     |   | To Complete | Total I | Prog |
| Proc Qty   |                         |          |      |               |         |                               |             |   |             |         |      |
| Gross Cost   |                         | 34.2     |      | 1.8           |         | 1.0                           | 46.6        | 5 |             |         | 83.5 |
| Less PY Adv Proc   |                         |          |      |               |         |                               |             |   |             |         |      |
| Plus CY Adv Proc   |                         |          |      |               |         |                               |             |   |             |         |      |
| Net Proc P1  |                         | 34.2     |      | 1.8           |         | 1.0                           | 46.6        | 5 |             |         | 83.5 |
| Initial Spares   |                         |          |      |               |         |                               |             |   |             |         |      |
| Total Proc Cost  |                         | 34.2     |      | 1.8           |         | 1.0                           | 46.6        | 5 |             |         | 83.5 |
| Flyaway U/C  |                         |          |      |               |         |                               |             |   |             |         |      |
| Weapon System Proc U/C   |                         |          |      |               |         |                               |             |   |             |         |      |
| D 1.4  |                         |          |      |               |         |                               |             |   |             |         |      |

The M119A2 Towed Howitzer provides direct fire support for the Infantry Brigade Combat Teams. Funding in the M119 Modifications budget is in support of the application of modernization system enhancements and includes the integration of digital fire control components previously type classified on other weapons. The integration effort and acquisition of the components is completed by the Army Research Development and Engineering Center (ARDEC), the M119A2 design authority.

## Justification:

FY10 Base funding in the amount of \$25.306 million will procure 50 Digitization Modification kits.

FY10 Overseas Contingency Operations (OCO) funding in the amount of \$21.250 million provides modernization to 85 M119 howitzers to enhance unit readiness and force protection for deploying IBCTs in support of OCO and to stay current with FY10 baseline program technologies.

| Exhibit P-40N            | I, Budget Item Justifi             | cation Sheet          |              |            |                    |     | Date:<br>May 2009          |        |      |
|--------------------------|------------------------------------|-----------------------|--------------|------------|--------------------|-----|----------------------------|--------|------|
| Appropriation / Budget A | <u> </u>                           |                       | P-1 Item Non | enclature  |                    |     | May 2009                   |        |      |
| Procuremen               | t of W&TCV, Army / 2 / Weapons and | other combat vehicles | 1            | 1119 MODIF | FICATIONS (GC0401) |     |                            |        |      |
| Program Elements for Co  | ode B Items:                       |                       | <b>-</b>     |            | Code:<br>A         |     | Other Related Program Eler | ments: |      |
| Description              |                                    | Fiscal Years          |              |            | <u>.</u>           |     |                            |        |      |
| OSIP No.                 | Classification                     | 2008 & PR             | FY 2009      |            | FY 2010            |     | TC                         | Total  |      |
| M119 Modifications       | •                                  |                       |              | •          |                    | •   |                            |        |      |
| 0-00-00-0000             | Operational                        | 1.8                   | 1            | .0         | 2                  | .3  | 0.0                        |        | 24.1 |
| LASIP                    |                                    |                       |              |            |                    |     |                            |        |      |
| 0-00-00-0000             |                                    | 34.2                  | (            | .0         | (                  | 0.0 | 0.0                        |        | 34.2 |
| Digitization             |                                    |                       |              |            |                    |     |                            |        |      |
| 0-00-00-0000             | Operational                        | 0.0                   | (            | .0         | 2:                 | 5.3 | 0.0                        |        | 25.3 |
|                          |                                    |                       |              |            |                    |     |                            |        |      |
| Totals                   |                                    | 36.0                  | 1            | .0         | 4                  | 5.6 | 0.0                        |        | 83.6 |

Date:

May 2009

MODIFICATION TITLE: M119 Modifications [MOD 1] 0-00-00-0000

MODELS OF SYSTEM AFFECTED: Howitzer, Light Towed, 105mm M119

#### DESCRIPTION / JUSTIFICATION:

This modification includes enhanced M187A1 fire control mounts, New Panoramic Telescope mounting bracket and other items required to conduct continues high elevation, high zone operation.

FY10 Overseas Contingency Operations (OCO) funding in the amount of \$21,250,000 will procure 85 modernization kits of M119 current baseline for digitization to enhance unit readiness and force protection for units that deploy to OCO in FY09 to current FY10 baseline program technologies.

DEVELOPMENT STATUS / MAJOR DEVELOPMENT MILESTONE(S):

Installation Schedule

Inputs Outputs

| Pr Yr  |   | FY 2 | 2009 |     |   | FY 2 | 2010 |    |   | FY 2 | 2011 |   |   | FY 2 | 2012 |   |   | FY 2 | 2013 |   |
|--------|---|------|------|-----|---|------|------|----|---|------|------|---|---|------|------|---|---|------|------|---|
| Totals | 1 | 2    | 3    | 4   | 1 | 2    | 3    | 4  | 1 | 2    | 3    | 4 | 1 | 2    | 3    | 4 | 1 | 2    | 3    | 4 |
|        |   | 197  | 198  |     |   |      | 85   |    |   |      |      |   |   |      |      |   |   |      |      |   |
|        |   | 119  | 119  | 157 |   |      |      | 85 |   |      |      |   |   |      |      |   |   |      |      |   |

|         |   | FY 2 | 2014 |   |   | FY 2 | 2015 |   |   | FY 2 | 2016 |   |   | FY : | 2017 |   | То       | Totals |
|---------|---|------|------|---|---|------|------|---|---|------|------|---|---|------|------|---|----------|--------|
|         | 1 | 2    | 3    | 4 | 1 | 2    | 3    | 4 | 1 | 2    | 3    | 4 | 1 | 2    | 3    | 4 | Complete |        |
| Inputs  |   |      |      |   |   |      |      |   |   |      |      |   |   |      |      |   |          | 480    |
| Outputs |   |      |      |   |   |      |      |   |   |      |      |   |   |      |      |   |          | 480    |

METHOD OF IMPLEMENTATION:

US GOVERNMENT ADMINISTRATIVE LEADTIME:

0 months

PRODUCTION LEADTIME: 0 months

monuis

Contract Dates:

FY 2010 -

FY 2011 -

FY 2012 -

Delivery Dates:

FY 2010 - July 10

FY 2011 -

FY 2012 -

#### Date: May 2009 INDIVIDUAL MODIFICATION MODIFICATION TITLE (cont): M119 Modifications [MOD 1] 0-00-00-0000 FINANCIAL PLAN: (\$ in Millions) FY 2008 2009 2010 TC Total and Prior \$ \$ \$ \$ Qty Qty Qty Qty \$ Qty Procurement M119 Modifications 85 253 1.8 142 1.0 21.3 480 24.1 Installation of Hardware FY 2008 equip -Kits 253 253

0.0

1.0

0.0

21.3

142

395

0.0

1.8

FY 2009 equip - Kits

Total Installment

Total Procurement Cost

142

395

0.0

24.1

0.0

0.0

### INDIVIDUAL MODIFICATION

Date:

May 2009

MODIFICATION TITLE: Digitization [MOD 3] 0-00-00-0000

MODELS OF SYSTEM AFFECTED: Howitzer, Light Towed, 105mm M119

### DESCRIPTION / JUSTIFICATION:

The digital fire control modification includes an Inertial Navigation Unit (INU), Gunner Display, Chief of Section Display, power supply, and the associated cable and brackets to mount it on the M119A2 Howitzer. The Digitization modification increases weapon responsiveness/lethality and survivability.

### DEVELOPMENT STATUS / MAJOR DEVELOPMENT MILESTONE(S):

### Installation Schedule

Inputs Outputs

Inputs Outputs

|   | Pr Yr  |   | FY 2 | 2009 |   |   | FY 2 | 2010 |   |   | FY 2 | 2011 |   |    | FY 2 | 2012 |   |   | FY 2 | 2013 |   |
|---|--------|---|------|------|---|---|------|------|---|---|------|------|---|----|------|------|---|---|------|------|---|
|   | Totals | 1 | 2    | 3    | 4 | 1 | 2    | 3    | 4 | 1 | 2    | 3    | 4 | 1  | 2    | 3    | 4 | 1 | 2    | 3    | 4 |
|   |        |   |      |      |   |   |      |      |   |   |      |      |   | 37 | 13   |      |   |   |      |      |   |
| ĺ |        |   |      |      |   |   |      |      |   |   |      |      |   | 17 | 33   |      |   |   |      |      |   |

| Totals | То       |   | 2017 | FY |   |   | 2016 | FY |   |   | 2015 | FY |   |   | 2014 | FY |   |
|--------|----------|---|------|----|---|---|------|----|---|---|------|----|---|---|------|----|---|
|        | Complete | 4 | 3    | 2  | 1 | 4 | 3    | 2  | 1 | 4 | 3    | 2  | 1 | 4 | 3    | 2  | 1 |
| 50     |          |   |      |    |   |   |      |    |   |   |      |    |   |   |      |    |   |
| 50     |          |   |      |    |   |   |      |    |   |   |      |    |   |   |      |    |   |

METHOD OF IMPLEMENTATION:

Depot Team

ADMINISTRATIVE LEADTIME:

1 months

PRODUCTION LEADTIME: 24 months

Contract Dates:

FY 2010 - Oct 09

FY 2011 -

FY 2012 -

Delivery Dates:

FY 2010 - Oct 12

FY 2011 -

FY 2012 -

#### Date: May 2009 INDIVIDUAL MODIFICATION MODIFICATION TITLE (cont): Digitization [MOD 3] 0-00-00-0000 FINANCIAL PLAN: (\$ in Millions) FY 2008 2009 TC Total and Prior 2010 \$ \$ \$ \$ Qty Qty Qty Qty \$ Qty Procurement Integration Prod/Init Spares 50 50 23.6 23.6 Logistics & Fielding 0.8 0.8 System Eng & Program Mgn 0.9 0.9 System Refresh Installation of Hardware FY 2010 Equip -- Kits FY 2011 Equip -- Kits FY 2012 Equip -- Kits FY 2013 Equip -- Kits FY 2014 Equip -- Kits FY 2015 Equip -- Kits Total Installment 0.0 0.0 0.0 0.0 0 0.0 0.0 25.3 0.0 25.3 0.0 Total Procurement Cost

| Exhibit P-40, Budget Item  | Justification Shee                      | t              |               |                     |                          | Date:       | ay 2009    |
|--|---|----------------|---------------|---------------------|--------------------------|-------------|------------|
| Appropriation / Budget Activity / Series<br>Procurement of W&TCV, Army / 2 / | al No:<br>Weapons and other combat vehi | cles           |               | P-1 Item Nomencla   | ature<br>E MODS (GZ2800) | 141         | ay 2007    |
| Program Elements for Code B Items:   | Cod                                     | <del>)</del> : | Other Related | l Program Elements: |                          |             |            |
|  | Prior Years                             | FY             | 7 2008        | FY 2009             | FY 2010                  | To Complete | Total Prog |
| Proc Qty   |   |                |               |                     |                          |             |            |
| Gross Cost   | 132.                                    | 8              | 5.9           | 1.2                 | 4.2                      |             | 144.1      |
| Less PY Adv Proc   |   |                |               |                     |                          |             |            |
| Plus CY Adv Proc   |   |                |               |                     |                          |             |            |
| Net Proc P1  | 132.                                    | 8              | 5.9           | 1.2                 | 4.2                      |             | 144.1      |
| Initial Spares   |   |                |               |                     |                          |             |            |
| Total Proc Cost  | 132.                                    | 8              | 5.9           | 1.2                 | 4.2                      |             | 144.1      |
| Flyaway U/C  |   |                |               |                     |                          |             |            |
| Weapon System Proc U/C   |   |                |               |                     |                          |             |            |

The M16 Rifle Modifications Program provides a Combat Optic, Close Quarters Battle Kit, and a Modular Weapon System (MWS) suite for the M16A2 and the M16A4 Rifles. The MWS includes a rail system, a flashlight mount, a quick attach bracket kit for the M203 Grenade Launcher, and back-up iron sight for the M16A4 Rifle. Based on mission requirements the MWS allows the custom configuration of M16 Rifles with accessories and smaller items, i.e., optics, night sights, and laser pointers.

### Justification:

FY10 Base procurement dollars in the amount of \$4.186 million supports the Army in purchasing Improved Combat Optics and Close Quarters Battle Kits. The Improved Combat Optics will enhance the capability to identify and engage targets from 300 to 600m for long-range first round hit. This system will not degrade the Soldier's ability to conduct reflexive fire techniques and will allow for the Soldier to transition rapidly between long-range engagements and close quarters engagements. The Close Quarters Battle Kit provides the Soldier with multiple low cost items to increase lethality and survivability with the M4 carbine and/or M16A4 rifle.

| Exhibit P-40          | M, Budget Item Justif                | ication Sheet           |                |          |              | Date:<br>May 2009         |         |
|-----------------------|--------------------------------------|-------------------------|----------------|----------|--------------|---------------------------|---------|
| Appropriation / Budge | t Activity / Serial No:              |                         | P-1 Item Nomen | clature  |              |                           |         |
| Procureme             | ent of W&TCV, Army / 2 / Weapons and | d other combat vehicles | M1             | RIFLE MO | DDS (GZ2800) |                           |         |
| Program Elements for  | Code B Items:                        |                         |                |          | Code:        | Other Related Program Ele | ements: |
| Description           |                                      | Fiscal Years            |                |          |              | <b>-</b>                  |         |
| OSIP No.              | Classification                       | 2008 & PR               | FY 2009        | ]        | FY 2010      | TC                        | Total   |
| Combat Optics         |                                      |                         |                |          | ·            |                           |         |
| TBD2                  | Operational                          | 7.2                     | 0.0            |          | 3.3          | 0.0                       | 10.     |
| Close Quarters Battl  | le Kit                               |                         |                |          |              |                           |         |
| TBD3                  | Operational                          | 1.6                     | 1.2            |          | 0.9          | 0.0                       | 3.      |
| Closed Mods           |                                      |                         |                |          |              |                           |         |
| TBD4                  | Operational                          | 129.9                   | 0.0            |          | 0.0          | 0.0                       | 129.    |
| Totals                |                                      | 138.7                   | 1.2            |          | 4.2          | 0.0                       | 144.    |

### INDIVIDUAL MODIFICATION

Date:

May 2009

MODIFICATION TITLE: Combat Optics [MOD 1] TBD2

MODELS OF SYSTEM AFFECTED: Rifle, 5.56mm M16A4

### DESCRIPTION / JUSTIFICATION:

One of the new combat optic selected by the Army is the Rifle Combat Optic (RCO). The RCO provides an improved capability to identify and engage targets from 300 to 600m (M4/M16) enhancing long-range first round hit. This system will not degrade the Soldier's ability to conduct reflexive fire techniques and will allow for the Soldier to transition rapidly between long-range engagements and close quarters engagements.

DEVELOPMENT STATUS / MAJOR DEVELOPMENT MILESTONE(S):

Milestone B 2Q07(Actual)

Milestone C/Type Classification Standard 3Q08 (Actual)

First Unit Equipped 4Q08(Actual)

Installation Schedule

Inputs Outputs

Inputs Outputs

| Pr Yr  |   | FY 2 | 2009 |   |   | FY 2 | 2010 |   |   | FY 2 | 2011 |   |   | FY 2 | 2012 |   |   | FY 2 | 2013 |   |
|--------|---|------|------|---|---|------|------|---|---|------|------|---|---|------|------|---|---|------|------|---|
| Totals | 1 | 2    | 3    | 4 | 1 | 2    | 3    | 4 | 1 | 2    | 3    | 4 | 1 | 2    | 3    | 4 | 1 | 2    | 3    | 4 |
|        |   |      |      |   |   |      |      |   |   |      |      |   |   |      |      |   |   |      |      |   |
|        |   |      |      |   |   |      |      |   |   |      |      |   |   |      |      |   |   |      |      |   |

|   | FY 2 | 2014 |   |   | FY 2 | 2015 |   |   | FY 2 | 2016 |   |   | FY 2 | 2017 |   | То       | Totals |
|---|------|------|---|---|------|------|---|---|------|------|---|---|------|------|---|----------|--------|
| 1 | 2    | 3    | 4 | 1 | 2    | 3    | 4 | 1 | 2    | 3    | 4 | 1 | 2    | 3    | 4 | Complete |        |
|   |      |      |   |   |      |      |   |   |      |      |   |   |      |      |   |          |        |
|   |      |      |   |   |      |      |   |   |      |      |   |   |      |      |   |          |        |

METHOD OF IMPLEMENTATION:

Installed by troops

ADMINISTRATIVE LEADTIME:

3 months

PRODUCTION LEADTIME: 2 months

Contract Dates:

FY 2010 - Jan 10

FY 2011 -

FY 2012 -

Delivery Dates:

FY 2010 - Feb 10

FY 2011 -

FY 2012 -

Item No. 41 Page 3 of 6 246

Exhibit P-3A Individual Modification

# INDIVIDUAL MODIFICATION Date: May 2009

FINANCIAL PLAN: (\$ in Millions)

MODIFICATION TITLE (cont): Combat Optics [MOD 1] TBD2

|                               | FY 2  | .008  |     |     |      |     |     |     |       |      |
|-------------------------------|-------|-------|-----|-----|------|-----|-----|-----|-------|------|
|                               | and I | Prior | 20  | 09  | 20   | 10  | Т   | C   | To    | tal  |
|                               | Qty   | \$    | Qty | \$  | Qty  | \$  | Qty | \$  | Qty   | \$   |
| RDT&E                         |       |       |     |     |      |     |     |     |       |      |
| Procurement                   |       |       |     |     |      |     |     |     |       |      |
| Quantity                      | 9405  |       |     |     | 4258 |     |     |     | 13663 |      |
| Hardware                      |       | 6.4   |     |     |      | 3.0 |     |     |       | 9.4  |
| Engineering Support           |       | 0.6   |     |     |      | 0.1 |     |     |       | 0.7  |
| Integrated Logistical Support |       | 0.1   |     |     |      | 0.1 |     |     |       | 0.2  |
| Total Package Fielding        |       | 0.1   |     |     |      | 0.1 |     |     |       | 0.2  |
|                               |       |       |     |     |      |     |     |     |       |      |
|                               |       |       |     |     |      |     |     |     |       |      |
|                               |       |       |     |     |      |     |     |     |       |      |
|                               |       |       |     |     |      |     |     |     |       |      |
|                               |       |       |     |     |      |     |     |     |       |      |
| Installation of Hardware      |       |       |     |     |      |     |     |     |       |      |
| FY 2007 & Prior Equip Kits    |       |       |     |     |      |     |     |     |       |      |
| FY 2008 Kits                  |       |       |     |     |      |     |     |     |       |      |
| FY 2009 Equip Kits            |       |       |     |     |      |     |     |     |       |      |
| FY 2010 Equip Kits            |       |       |     |     |      |     |     |     |       |      |
| FY 2011 Equip Kits            |       |       |     |     |      |     |     |     |       |      |
| FY 2012 Equip Kits            |       |       |     |     |      |     |     |     |       |      |
| FY 2013 Equip Kits            |       |       |     |     |      |     |     |     |       |      |
| FY 2014 Equip Kits            |       |       |     |     |      |     |     |     |       |      |
| Fy 2015 Equip Kits            |       |       |     |     |      |     |     |     |       |      |
| TC Equip- Kits                |       |       |     |     |      |     |     |     |       |      |
| Total Installment             | 0     | 0.0   | 0   | 0.0 | 0    | 0.0 | 0   | 0.0 | 0     | 0.0  |
| Total Procurement Cost        |       | 7.2   |     | 0.0 |      | 3.3 |     | 0.0 |       | 10.5 |

### INDIVIDUAL MODIFICATION

Date:

May 2009

MODIFICATION TITLE: Close Quarters Battle Kit [MOD 2] TBD3

MODELS OF SYSTEM AFFECTED:

### DESCRIPTION / JUSTIFICATION:

The Close Quarters Battle Kit provides the Soldier with multiple low cost items to increase lethality and survivability with individual weapons. The Close Quarters Battle Kit will provide the following items: Low profile bipod, cleaning kit, improved magazines, magazine pouches, multiple magazine holders with storage pouches, forward rail brackets, and improved weapon sling.

DEVELOPMENT STATUS / MAJOR DEVELOPMENT MILESTONE(S):

Close Quarters Battle Kit Re-competition

Evaluation & Down Select 4Q07/2Q08 (Actual)

Production Contract Award 3Q08 (Actual)

First Unit Equip 1Q09 (Actual)

### Installation Schedule

Inputs Outputs

Inputs Outputs

| Pr Yr  |   | FY 2 | 2009 |   |   | FY 2 | 2010 |   |   | FY 2 | 2011 |   |   | FY 2 | 2012 |   |   | FY 2 | 2013 |   |
|--------|---|------|------|---|---|------|------|---|---|------|------|---|---|------|------|---|---|------|------|---|
| Totals | 1 | 2    | 3    | 4 | 1 | 2    | 3    | 4 | 1 | 2    | 3    | 4 | 1 | 2    | 3    | 4 | 1 | 2    | 3    | 4 |
|        |   |      |      |   |   |      |      |   |   |      |      |   |   |      |      |   |   |      |      | - |
|        |   |      |      |   |   |      |      |   |   |      |      |   |   |      |      |   |   |      |      |   |

| ĺ |   | FY 2 | 2014 |   |   | FY 2 | 2015 |   |   | FY 2 | 2016 |   |   | FY 2 | 2017 |   | То       | Totals |
|---|---|------|------|---|---|------|------|---|---|------|------|---|---|------|------|---|----------|--------|
| ĺ | 1 | 2    | 3    | 4 | 1 | 2    | 3    | 4 | 1 | 2    | 3    | 4 | 1 | 2    | 3    | 4 | Complete |        |
| ĺ |   |      |      |   |   |      |      |   |   |      |      |   |   |      |      |   |          |        |
|   |   |      |      |   |   |      |      |   |   |      |      |   |   |      |      |   |          |        |

METHOD OF IMPLEMENTATION:

installed by troops FY 2010 - Jan 10 ADMINISTRATIVE LEADTIME:

3 months FY 2011 - PRODUCTION LEADTIME: 2 months FY 2012 -

Contract Dates: Delivery Dates:

FY 2010 - Feb 10

FY 2011 -

FY 2012 -

GZ2800 M16 RIFLE MODS Item No. 41 Page 5 of 6 248 Exhibit P-3A Individual Modification

# INDIVIDUAL MODIFICATION Date: May 2009

MODIFICATION TITLE (cont): Close Quarters Battle Kit [MOD 2] TBD3

FINANCIAL PLAN: (\$ in Millions)

|                             | FY 2  | 2008  |     |     |      |     |     |     |       |     |
|-----------------------------|-------|-------|-----|-----|------|-----|-----|-----|-------|-----|
|                             | and I | Prior | 20  | 09  | 20   | 10  | Т   | C   | То    | tal |
|                             | Qty   | \$    | Qty | \$  | Qty  | \$  | Qty | \$  | Qty   | \$  |
| RDT&E                       |       |       |     |     |      |     |     |     |       |     |
| Procurement                 |       |       |     |     |      |     |     |     |       |     |
| Kit Quantity /Hardware      | 35886 | 0.8   |     | 1.2 | 1210 |     |     |     | 82648 |     |
| Engineering Support         |       | 0.6   |     |     |      | 0.1 |     |     |       | 0.7 |
| Integrated Logistic Support |       | 0.1   |     |     |      |     |     |     |       | 0.1 |
| Fielding                    |       | 0.1   |     |     |      |     |     |     |       | 0.1 |
|                             |       |       |     |     |      |     |     |     |       |     |
|                             |       |       |     |     |      |     |     |     |       |     |
|                             |       |       |     |     |      |     |     |     |       |     |
|                             |       |       |     |     |      |     |     |     |       |     |
|                             |       |       |     |     |      |     |     |     |       |     |
|                             |       |       |     |     |      |     |     |     |       |     |
|                             |       |       |     |     |      |     |     |     |       |     |
| Installation of Hardware    |       |       |     |     |      |     |     |     |       |     |
| FY 2008 & Prior Equip Kits  |       |       |     |     |      |     |     |     |       |     |
| FY 2009 Kits                |       |       |     |     |      |     |     |     |       |     |
| FY 2010 Equip Kits          |       |       |     |     |      |     |     |     |       |     |
| FY 2011 Equip Kits          |       |       |     |     |      |     |     |     |       |     |
| FY 2012 Equip Kits          |       |       |     |     |      |     |     |     |       |     |
| FY 2013 Equip Kits          |       |       |     |     |      |     |     |     |       |     |
| FY 2014 Equip Kits          |       |       |     |     |      |     |     |     |       |     |
| FY 2015 Equip Kits          |       |       |     |     |      |     |     |     |       |     |
| TC Equip- Kits              |       |       |     |     |      |     |     |     |       |     |
| Total Installment           | 0     | 0.0   | 0   | 0.0 | 0    | 0.0 | 0   | 0.0 | 0     | 0.0 |
| Total Procurement Cost      | ·     | 1.6   |     | 1.2 |      | 0.9 |     | 0.0 |       | 3.7 |

| Exhibit P-40, Budget Item   | <b>Justification Sheet</b> |          |          |                   |                                    | Date:       | ay 2009    |
|---|----------------------------|----------|----------|-------------------|------------------------------------|-------------|------------|
| Appropriation / Budget Activity / Seria<br>Procurement of W&TCV, Army / 2 / V |                            | es       |          | P-1 Item Nomencla | ture<br>TIONS LESS THAN \$5.0M (WO | •           | ay 2009    |
| Program Elements for Code B Items:  | Code:                      | Other Re | lated Pr | rogram Elements:  |                                    |             |            |
|   | Prior Years                | FY 2008  |          | FY 2009           | FY 2010                            | To Complete | Total Prog |
| Proc Qty  |                            |          |          |                   |                                    |             |            |
| Gross Cost  | 147.9                      | 2        | 3.1      | 3.8               | 6.2                                |             | 180.9      |
| Less PY Adv Proc  |                            |          |          |                   |                                    |             |            |
| Plus CY Adv Proc  |                            |          |          |                   |                                    |             |            |
| Net Proc P1   | 147.9                      | 2        | 3.1      | 3.8               | 6.2                                |             | 180.9      |
| Initial Spares  |                            |          |          |                   |                                    |             |            |
| Total Proc Cost   | 147.9                      | 2        | 3.1      | 3.8               | 6.2                                |             | 180.9      |
| Flyaway U/C   |                            |          |          |                   |                                    |             |            |
| Weapon System Proc U/C  |                            |          |          |                   |                                    |             |            |

This program procures modifications of small arms with a cost less than \$5.0 million to support initial buys or to meet urgent needs. It also includes the procurement of the M145 Machine Gun Optic Sights and the M150 Rifle Combat Optic. The M145 Machine Gun Optic Program provides a 3.4x, laser-hardened telescopic sight for the 7.62mm M240B Medium Machine Gun and 5.56mm M249 Light Machine Gun. The optic sights will allow the Soldier to identify and engage targets at longer ranges and at lower light levels more effectively than the existing iron sighting system. The optic sights also provide the Soldier with a greater hit probability. Also, provides other ancillary equipment such as the M3 Tripod and Lightweight Tripod for dismounted machine guns.

### Justification:

FY10 Base procurement dollars in the amount of \$6.164 million supports the Army by purchasing 8,285 M145 Machine Gun Optics for the M240 Medium Machine Gun and M249 Squad Automatic Weapon systems, and 100 M205 Tripods for the M2 Heavy Machine Gun and MK-19 Grenade Machine Gun systems. The optic sight will allow the Soldier to identify and engage targets more effectively than the existing iron sighting system. The M205 Lightweight Tripod is a replacement for the current M3 Tripod.

| Exhibit P-40           | M, Budget Item Justif                | ication Sheet           |                |             |                       | Date:<br>May 2009        |          |       |
|------------------------|--------------------------------------|-------------------------|----------------|-------------|-----------------------|--------------------------|----------|-------|
| Appropriation / Budget | Activity / Serial No:                |                         | P-1 Item Nomer | clature     |                       |                          |          |       |
| Procureme              | ent of W&TCV, Army / 2 / Weapons and | d other combat vehicles | MC             | DIFICATIONS | S LESS THAN \$5.0M (W | OCV-WTCV) (GC0925)       |          |       |
| Program Elements for G | Code B Items:                        |                         |                |             | Code:                 | Other Related Program El | lements: |       |
| Description            |                                      | Fiscal Years            |                |             | 1                     | 1                        |          |       |
| OSIP No.               | Classification                       | 2008 & PR               | FY 2009        | FY          | Y 2010                | TC                       | Total    |       |
| M145 Machine Gun       | Optic                                | ·                       |                |             |                       |                          |          |       |
| TBD1                   | Operational                          | 23.6                    | 3.8            |             | 5.9                   | 0.0                      | )        | 33.3  |
| Tripods                |                                      |                         |                |             |                       |                          |          |       |
| TBD2                   | Operational                          | 0.0                     | 0.0            |             | 0.3                   | 0.0                      | )        | 0.3   |
| Closed Mods            |                                      |                         |                |             |                       |                          |          |       |
| TBD3                   |                                      | 147.4                   | 0.0            |             | 0.0                   | 0.0                      | )        | 147.4 |
| Totals                 |                                      | 171.0                   | 3.8            |             | 6.2                   | 0.0                      |          | 181.0 |

### INDIVIDUAL MODIFICATION

Date: May 2009

MODIFICATION TITLE: M145 Machine Gun Optic [MOD 1] TBD1

MODELS OF SYSTEM AFFECTED: M240B Machine Gun, M249 Light Machine Gun

### DESCRIPTION / JUSTIFICATION:

The M145 Machine Gun Optic Program provides a 3.4x, laser hardened telescopic sight for the 7.62mm M240B Medium Machine Gun and 5.56mm M249 Light Machine Gun. The optic sight will allow the Soldier to identify and engage targets at longer ranges and at lower light levels more effectively than the existing iron sighting system. The optic sight also provides the Soldier with a greater hit probability.

### DEVELOPMENT STATUS / MAJOR DEVELOPMENT MILESTONE(S):

Developmental/Operational Test 3Q98 (Actual)
Type Classification (LRP) 4Q98 (Actual)
Production Contract Award 4Q98 (Actual)
First Production Hardware Delivered 4Q99 (Actual)
Type Classification (Standard) 1Q00 (Actual)

First Unit Equipped 2Q00 (Actual)

Installation Schedule

Inputs Outputs

| Pr Yr  |   | FY 2 | 2009 |   |   | FY 2 | 2010 |   |   | FY 2 | 2011 |   |   | FY 2 | 2012 |   |   | FY 2 | 2013 |   |
|--------|---|------|------|---|---|------|------|---|---|------|------|---|---|------|------|---|---|------|------|---|
| Totals | 1 | 2    | 3    | 4 | 1 | 2    | 3    | 4 | 1 | 2    | 3    | 4 | 1 | 2    | 3    | 4 | 1 | 2    | 3    | 4 |
|        |   |      |      |   |   |      |      |   |   |      |      |   |   |      |      |   |   |      |      |   |
|        |   |      |      |   |   |      |      |   |   |      |      |   |   |      |      |   |   |      |      |   |

|         |   | FY 2 | 2014 |   |   | FY 2 | 2015 |   |   | FY : | 2016 |   |   | FY | 2017 |   | То       | Totals |
|---------|---|------|------|---|---|------|------|---|---|------|------|---|---|----|------|---|----------|--------|
|         | 1 | 2    | 3    | 4 | 1 | 2    | 3    | 4 | 1 | 2    | 3    | 4 | 1 | 2  | 3    | 4 | Complete |        |
| Inputs  |   |      |      |   |   |      |      |   |   |      |      |   |   |    |      |   |          |        |
| Outputs |   |      |      |   |   |      |      |   |   |      |      |   |   |    |      |   |          |        |

METHOD OF IMPLEMENTATION: Troop Installation ADMINISTRATIVE LEADTIME: 3 months PRODUCTION LEADTIME: 4 months

Contract Dates: FY 2010 - Jan 10 FY 2011 - FY 2012 -

Delivery Dates: FY 2010 - Apr 10 FY 2011 - FY 2011 -

## INDIVIDUAL MODIFICATION Date: May 2009

MODIFICATION TITLE (cont): M145 Machine Gun Optic [MOD 1] TBD1

FINANCIAL PLAN: (\$ in Millions)

|                               | FY 2  | 8008  |      |     |      |     |     |     |       |      |
|-------------------------------|-------|-------|------|-----|------|-----|-----|-----|-------|------|
|                               | and I | Prior | 200  | 09  | 20   | 10  | Т   | C   | То    | tal  |
|                               | Qty   | \$    | Qty  | \$  | Qty  | \$  | Qty | \$  | Qty   | \$   |
| RDT&E                         |       |       |      |     |      |     |     |     |       |      |
| Procurement                   |       |       |      |     |      |     |     |     |       |      |
| Quantity                      | 31928 |       | 5421 |     | 8285 |     |     |     | 45634 |      |
|                               |       |       |      |     |      |     |     |     |       |      |
|                               |       |       |      |     |      |     |     |     |       |      |
| Hardware                      |       | 19.6  |      | 3.6 |      | 5.2 |     |     |       | 28.4 |
| Engineering Support           |       | 2.9   |      | 0.2 |      | 0.5 |     |     |       | 3.6  |
| Testing                       |       | 0.7   |      | 0.2 |      | 0.3 |     |     |       | 0.7  |
| Integrated Logistical Support |       | 0.2   |      |     |      | 0.1 |     |     |       | 0.3  |
| Fielding                      |       | 0.2   |      |     |      | 0.1 |     |     |       | 0.3  |
| Tierding                      |       | 0.2   |      |     |      | 0.1 |     |     |       | 0.5  |
|                               |       |       |      |     |      |     |     |     |       |      |
| Installation of Hardware      |       |       |      |     |      |     |     |     |       |      |
| FY 2007 & Prior Equip Kits    |       |       |      |     |      |     |     |     |       |      |
| FY 2008 Kits                  |       |       |      |     |      |     |     |     |       |      |
| FY 2009 Equip Kits            |       |       |      |     |      |     |     |     |       |      |
| FY 2010 Equip Kits            |       |       |      |     |      |     |     |     |       |      |
| FY 2011 Equip Kits            |       |       |      |     |      |     |     |     |       |      |
| FY 2012 Equip Kits            |       |       |      |     |      |     |     |     |       |      |
| FY 2013 Equip Kits            |       |       |      |     |      |     |     |     |       |      |
| FY 2014 Equip Kits            |       |       |      |     |      |     |     |     |       |      |
| TC Equip- Kits                |       |       |      |     |      |     |     |     |       |      |
| Total Installment             | 0     | 0.0   | 0    | 0.0 |      | 0.0 | 0   |     |       | 0.0  |
| Total Procurement Cost        |       | 23.6  |      | 3.8 |      | 5.9 |     | 0.0 |       | 33.3 |

|                         |          |          |          |                        |         | INDI  | IVIDUA   | L MOD   | FICAT   | ION     |      |      |                  |       |        |       |          |       |         | Date:              | May 20  | 009     |          |        |      |
|-------------------------|----------|----------|----------|------------------------|---------|-------|----------|---------|---------|---------|------|------|------------------|-------|--------|-------|----------|-------|---------|--------------------|---------|---------|----------|--------|------|
| MODIFICATION TIT        | TLE: Tri | pods [MC | DD 2] TB | D2                     |         |       |          |         |         |         |      |      |                  |       |        |       |          |       |         |                    |         |         |          |        |      |
| MODELS OF SYSTE         | M AFFI   | ECTED: 1 | Machine  | Gun, CA                | L .50 M | 2 and | MK-19    | Grenade | Machine | Gun     |      |      |                  |       |        |       |          |       |         |                    |         |         |          |        |      |
| DESCRIPTION / JUS       |          |          |          |                        |         |       |          |         |         |         |      |      |                  |       |        |       |          |       |         |                    |         |         |          |        |      |
| M3 Tripods and N        |          |          |          |                        | nount   | for N | M2/MK    | 19 Ma   | chine C | duns in | disn | noun | ted rol          | le. N | 1205   | Tripo | d will r | educe | the Sol | dier bu            | rden as | the cur | rent .50 | calibe | er   |
| machine gun tripo       | od (M3   | ) weigh  | ıs 44 po | unds.                  |         |       |          |         |         |         |      |      |                  |       |        |       |          |       |         |                    |         |         |          |        |      |
| DEVELOPMENT ST          | ATUS /   | MAJOR    | DEVELO   | PMENT                  | MILES   | STON  | E(S):    |         |         |         |      |      |                  |       |        |       |          |       |         |                    |         |         |          |        |      |
| Developmental/O         | peratio  | onal Tes | st       |                        | Dec     | 09 (I | Plannec  | 1)      |         |         |      |      |                  |       |        |       |          |       |         |                    |         |         |          |        |      |
| Type Classification     |          | andard   |          |                        | Au      |       | (Plann   |         |         |         |      |      |                  |       |        |       |          |       |         |                    |         |         |          |        |      |
| First Unit Equipp       | ed       |          |          |                        |         | Ju    | ıly 11(I | Planned | .)      |         |      |      |                  |       |        |       |          |       |         |                    |         |         |          |        |      |
| Installation Schedule   |          |          |          |                        |         |       |          |         |         |         |      |      |                  |       |        |       |          |       |         |                    |         |         |          |        |      |
|                         |          | Pr Yr    |          |                        | FY 200  | 9     |          |         | FY      | 2010    |      |      |                  |       | FY 20  | 11    |          |       | FY      | 2012               |         |         | FY       | 2013   |      |
|                         | ,        | Totals   |          | 1                      | 2       | 3     | 4        | 1       | 2       | 3       |      | 4    | 1                | 2     | 2      | 3     | 4        | 1     | 2       | 3                  | 4       | 1       | 2        | 3      | 4    |
| Inputs                  |          |          |          |                        |         |       |          |         |         |         |      |      |                  |       |        |       |          |       |         |                    |         |         |          |        |      |
| Outputs                 |          |          |          |                        |         |       |          |         |         |         |      |      |                  |       |        |       |          |       |         |                    |         |         |          |        |      |
|                         |          | EM       | 2014     |                        |         |       | FY 2015  | -       |         |         | EV   | 2016 |                  |       |        |       | FY 2017  |       |         |                    |         | То      |          |        | Т-4  |
|                         | 1        | 2        | 3        | 4                      | 1       | -     | -        | - 1     | 4       | 1       | 2    | 3    |                  | 4     | 1      | 2     |          |       | 4       |                    | C       | omplete |          |        | Tota |
| T .                     | 1        | 2        | 3        | 4                      | 1       | +-    | 2        | 3       | 4       | 1       | 2    | 3    |                  | 4     | 1      |       |          | ,     | 4       |                    |         | mpiete  |          |        |      |
| Inputs                  |          |          |          |                        |         | -     |          |         |         |         |      |      |                  |       |        |       |          |       |         |                    |         |         |          |        |      |
| Outputs METHOD OF IMPLE | EN AENTE | A TION.  | T7:-1    | d Applic               | - 4 :   | A D   | MINICT   | RATIVE  | LEADI   | TME.    |      | 11   | nonths           |       |        | DD.C  | DUCTI    | ONLE  | ADTIME  | : 6 mc             | 41      |         |          |        |      |
|                         | EWIEN I  | ATION:   |          | MINIST                 | KAIIVE  | LEADI | IME:     |         |         |         |      |      | PKC              | DUCII | JN LEA |       |          |       |         |                    |         |         |          |        |      |
| Contract Dates:         |          |          |          | 2010 - Se<br>2010 - Fe | •       |       |          |         |         |         |      |      | 2011 -<br>2011 - |       |        |       |          |       |         | FY 2012<br>FY 2012 |         |         |          |        |      |
| Delivery Dates:         |          |          | ΓY       | ∠010 - F               | וו ט:   |       |          |         |         |         |      | rı 2 | 2011 -           |       |        |       |          |       |         | гт 2012            | -       |         |          |        |      |

### Date: May 2009 INDIVIDUAL MODIFICATION MODIFICATION TITLE (cont): Tripods [MOD 2] TBD2 FINANCIAL PLAN: (\$ in Millions) FY 2008 2009 TC and Prior 2010 Total \$ \$ \$ Qty Qty Qty \$ Qty \$ Qty RDT&E Procurement Quantity Tripod 100 100 M205 Tripod 0.2 0.2 0.1 0.1 Engineering, ILS, TPF Support Installation of Hardware FY 2008 & Prior Equip -- Kits FY 2009 -- Kits FY 2010 Equip -- Kits FY 2011 Equip -- Kits FY 2012 Equip -- Kits FY 2013 Equip -- Kits FY 2014 Equip -- Kits FY 2015 Equip -- Kits TC Equip- Kits Total Installment 0 0.0 0.0 0.0 0 0.0 0 0.0 0.0 0.0 0.3 0.0 0.3 Total Procurement Cost

| Exhibit P-40, Budget Item   | Justification She | et       |              |                              |                                     | Date:       | y 2009     |
|---|-------------------|----------|--------------|------------------------------|-------------------------------------|-------------|------------|
| Appropriation / Budget Activity / Seria<br>Procurement of W&TCV, Army / 2 / |                   | hicles   |              | P-1 Item Nomencl<br>ITEMS LE | ature<br>SS THAN \$5.0M (WOCV-WTCV) |             | ,          |
| Program Elements for Code B Items:  | Co                | de:<br>A | Other Relate | d Program Elements:          |                                     |             |            |
|   | Prior Years       | F        | Y 2008       | FY 2009                      | FY 2010                             | To Complete | Total Prog |
| Proc Qty  |                   |          |              |                              |                                     | Continuing  | Continuing |
| Gross Cost  | 9                 | 8.6      | 7.5          | 2.2                          | 5.6                                 | Continuing  | Continuing |
| Less PY Adv Proc  |                   |          |              |                              |                                     |             |            |
| Plus CY Adv Proc  |                   |          |              |                              |                                     |             |            |
| Net Proc P1   | 9                 | 8.6      | 7.5          | 2.2                          | 5.6                                 | Continuing  | Continuing |
| Initial Spares  |                   |          |              |                              |                                     |             |            |
| Total Proc Cost   | 9                 | 8.6      | 7.5          | 2.2                          | 5.6                                 | Continuing  | Continuing |
| Flyaway U/C   |                   |          |              |                              |                                     |             |            |
| Weapon System Proc U/C  |                   |          |              |                              |                                     | Continuing  | Continuing |

Provides for procurement of small arms, auxiliary weapon mounts, mounting platforms, and adaptors. Small arms procured under this budget activity consist of shotguns, grenade launchers, personal defense weapons, and new small caliber weapons not to exceed 40MM and .50 caliber for initial buys or to meet urgent needs. Auxiliary weapon mounts, mounting platforms, and adapters include the M3 Tripod (mount for M2/MK19 Machine Guns), the XM205 Lightweight Tripod (New Start FY2010), the Swing Arm Mount, the High Mobility Multipurpose Wheeled vehicle (HMMWV) Auxiliary Weapon Mount, the M66 cantilever Arm (mounting platforms used to mount machine guns to the frames of HMMWV's), and the MK93 Adapter. In support of Operation Iraqi Freedom (OIF) and Operation Enduring Freedom (OEF) additional items are being procured for the Rapid Fielding Initiative (RFI). The RFI provides new equipment to units about to be deployed.

### Justification:

FY10 Base procurement dollars in the amount of \$0.600 million supports the Active Army by purchasing 759 M3 Tripods.

FY10 OCO procurement dollars in the amount of \$5.000 million supports the Active Army by purchasing 11,200 M9 Pistols and 75 XM205 Tripods.

| Exhibit P-5, Weapon WTCV Cost Analysis | Appropriation/Budget Activity/Serial No:<br>Procurement of W&TCV, Army / 2 / Wea<br>combat vehicles | pons and |          |      |       | nenclature:<br>AN \$5.0M (WOC | EV-WTCV) (GL32 | 200)  | Weapon Syster | m Type:    | Date:   | May 2009  |
|--|---|----------|----------|------|-------|-------------------------------|----------------|-------|---------------|------------|---------|-----------|
| WTCV                                   |   | ID       |          | F    | Y 08  |                               |                | FY 09 |               |            | FY 10   |           |
| Cost Elemen                            | ts  | CD       | Total Co | ost  | Qty   | Unit Cost                     | Total Cost     | Qty   | Unit Cost     | Total Cost | Qty     | Unit Cost |
|  |   |          | \$000    | ı    | Units | \$000                         | \$000          | Units | \$000         | \$000      | Units   | \$000     |
| 1.M9 Pistols                           |   | Α        | :        | 5562 | 17923 | 3.0                           | 1891           | 4727  | 0.4           | 450        | 0 11200 | 0.4       |
| 2.M3 Tripod                            |   | Α        |          |      |       |                               |                |       |               | 53         | 1 759   | 0.7       |
| 3.XM205 Lightweight Tripod (New Start) |   | Α        |          |      |       |                               |                |       |               | 26         | 0 75    | 3.5       |
| 4.Engineering Support                  |   |          |          | 75   |       |                               | 200            |       |               | 13         | 0       |           |
| 5.Integrated Logistic Support          |   |          |          | 75   |       |                               | 90             |       |               | 13         | 0       |           |
| 6.M9 Pistol UID/RFID                   |   |          |          | 210  |       |                               |                |       |               |            |         |           |
| 7.Base Security / National Guard       |   |          |          | 1589 |       |                               |                |       |               |            |         |           |
| Total:                                 |   |          | ,        | 7511 |       |                               | 2181           |       |               | 555        | 1       |           |

| Exhibit P-5a, Budget Procur  | ement Histor           | y and Planning      |                             |   |          |        |       |     | ate:<br>1ay 2009 | ) |                      |
|--|------------------------|---------------------|-----------------------------|---|----------|--------|-------|-----|------------------|---|----------------------|
| Appropriation/Budget Activity/Serial No:<br>Procurement of W&TCV, Army/ 2/ Weapons and o | ther combat vehicles   | Weapon System Type: | P-1 Line Item<br>ITEMS LESS | Nomenclature:<br>THAN \$5.0M (WOCV-WTCV | (GL3200) |        |       |     |                  |   |                      |
| Method and Type Delivery Units \$000 Avail Revsn Now? Avail                              |                        |                     |                             |   |          |        |       |     |                  |   | RFP<br>Issue<br>Date |
| 1.M9 Pistols   |                        |                     |                             |   |          |        |       |     |                  |   |                      |
| FY 2008  | Beretta U<br>Accokeek  | S.A. Corp.<br>, MD  | Option                      | TACOM, Rock Island, IL                  | Dec 07   | Jan 08 | 17923 | 3.0 |                  |   |                      |
| FY 2009  | TBD<br>TBD             |                     | C/FFP                       | TACOM, Rock Island, IL                  | Aug 09   | Oct 09 | 4727  | 0.4 |                  |   |                      |
| FY 2010  | TBD<br>TBD             |                     | TBD                         | TACOM, Rock Island, IL                  | Jan 10   | Apr 10 | 11200 | 0.4 |                  |   |                      |
| 2.M3 Tripod  |                        |                     |                             |   |          |        |       |     |                  |   |                      |
| FY 2010  | Fraser Mf<br>Lexington |                     | Option                      | TACOM, Rock Island, IL                  | Jan 10   | Mar 10 | 759   | 0.7 |                  |   |                      |
| 3.XM205 Lightweight Tripod (New Start)   |                        |                     |                             |   |          |        |       |     |                  |   |                      |
| FY 2010  | TBD<br>TBD             |                     | C/FFP                       | TACOM, Rock Island, IL                  | Feb 10   | Mar 10 | 75    | 3.5 |                  |   |                      |

REMARKS:

|      |          | F                      | Y 08 /      | / 09 BU        | JDGET  | Γ PR(                  | ODUC                   | CTIO        | N SCI    | HEDU   | LE            |                 |        | P-1 ITEN<br>ITEMS L |                 |        |          | CV-WT  | CV) (Gl     | L3200) |          |        | Date   |          | May 20      | )09                    |             |        |        |  |
|------|----------|------------------------|-------------|----------------|--|------------------------|------------------------|-------------|----------|--|---------------|-----------------|--------|---------------------|-----------------|--------|----------|--------|-------------|--------|----------|--------|--|----------|-------------|------------------------|-------------|--------|--------|--|
|      | C        | OST I                  | ELEM        | IENTS          | ;  |                        |                        |             |          |  | Fiscal '      | Year 08         |        |                     |                 |        |          |        |             |        |          |        | Fiscal Y   | Zear 09  | ,           |                        |             |        |        |  |
|      |          |                        |             | ,              |  | <u> </u>               |                        |             |          |  |               |                 |        |                     |                 |        |          |        |             | 1      |          |        |  |          |             |                        |             |        |        |  |
| M    |          | S<br>E                 | PROC<br>QTY | ACCEP<br>PRIOR | BAL<br>DUE                                       | 1                      |                        |             |          |  |               |                 |        | Calenda             | r Year 0        | 8      |          |        |             |        |          |        |  | Calen    | dar Yea     | ır 09                  |             |        |        |  |
| F    | FY       | R                      | Units       | ТО             | AS OF  | О                      | N                      | D           | J        | F  | M             | A               | M      | J                   | J               | A      | S        | O<br>C | N           | D      | J        | F      | M  | A        | M           | J                      | J           | A      | S      | 1  |
| R    |          | V                      |             | 1 OCT          | 1 OCT  | C<br>T                 | O<br>V                 | E<br>C      | A<br>N   | E<br>B   | A<br>R        | P<br>R          | A<br>Y | U<br>N              | U<br>L          | U<br>G | E<br>P   | C<br>T | O<br>V      | E<br>C | A<br>N   | E<br>B | A<br>R   | P<br>R   | A<br>Y      | U<br>N                 | U<br>L      | U<br>G | E<br>P | Later  |
| 1.M  | 9 Pistol | š                      |             | 1              |  |                        |                        |             |          |  |               |                 |        |                     |                 |        |          |        |             |        |          |        |  |          |             |                        |             |        |        |  |
|      | FY 08    | A                      | 17923       | 0              | 17923  |                        |                        | A           | 750      | 750  | 231           |                 |        | 750                 | 494             | 1573   |          | 2900   |             |        | 2900     | 2452   | 2650   | 453      | 653         | 653                    | 553         | 161    |        | 0  |
| 2    | FY 09    | A                      | 4727        | 0              | 4727   |                        |                        |             |          |  |               |                 |        |                     |                 |        |          |        |             |        |          |        |  |          |             |                        |             | A      |        | 4727   |
|      | FY 10    | A                      | 11200       | 0              | 11200  |                        |                        |             |          |  |               |                 |        |                     |                 |        |          |        |             |        |          |        |  |          |             |                        |             |        |        | 11200  |
|      | FY 08    | AF                     | 3156        | 0              | 3156   |                        |                        | <u> </u>    |          |  |               |                 |        |                     |                 |        |          |        |             |        |          |        |  |          |             |                        |             | 692    | 1553   | 911  |
|      | FY 08    | FMS                    | 12815       | 0              | 12815  |                        |                        | <u> </u>    |          |  |               | 100             | 14     | 4                   |                 | 252    |          |        |             |        |          |        | 98   | 470      | 200         | 200                    | 300         |        |        | 11181  |
|      | FY 08    | NA                     | 4300        | 0              | 4300   |                        |                        | <u> </u>    |          |  |               |                 |        |                     |                 |        | 500      |        |             |        |          |        |  | 750      | 750         | 750                    | 750         | 750    | 50     | 0  |
|      | 3 Tripo  | i                      |             |                |  |                        |                        |             |          |  |               |                 | 1      |                     |                 | 1      |          |        |             | 1      |          |        |  |          |             |                        |             |        |        |  |
|      | FY 10    | A                      | 759         | L              | 11   | <u> </u>               | <u> </u>               | <u> </u>    |          |  |               |                 |        |                     | Ш               |        |          |        |             |        |          |        |  |          | <u> </u>    |                        |             |        |        | 759  |
| -    |          | <del>ĭ ĭ</del>         |             | d (New St      | <del>,                                    </del> |                        | <del></del>            |             |          |  |               |                 | 1      | _                   |                 |        |          | 1      | <del></del> |        |          |        | <b></b>  |          | <del></del> | 1                      | <del></del> |        |        |  |
| 4    | FY 10    | A                      | 75          | 0              | 75   | $\vdash \vdash \vdash$ | $\longmapsto$          | —           |          | $\longmapsto$                                    |               | —— <sup>!</sup> |        |                     | $\longmapsto$   |        |          |        |             |        |          |        |  |          |             | $\longmapsto$          | <b></b>     |        |        | 75   |
|      |          | $\vdash \vdash \vdash$ | <u> </u>    | ├──            |  | $\vdash$               | $\vdash \vdash \vdash$ | <del></del> |          | $\vdash \vdash$                                  |               | $\vdash$        |        |                     | $\longmapsto$   |        |          |        |             |        |          |        |  |          |             | $\vdash$               |             |        |        | <del>                                     </del> |
|      |          | $\vdash \vdash \vdash$ |             |                | +  | $\vdash \vdash$        | $\vdash \vdash \vdash$ | $\vdash$    |          | <del>                                     </del> |               |                 |        |                     | $\vdash$        |        |          |        |             |        |          |        | <del>                                     </del> |          |             | $\vdash \vdash \vdash$ |             |        |        | <b>  </b>  |
|      |          | $\vdash \vdash$        |             |                | +  | $\vdash \vdash \vdash$ | $\vdash \vdash \vdash$ | $\vdash$    |          |  |               | $\vdash$        |        |                     | $\vdash \vdash$ |        |          |        |             |        |          |        | $\vdash \vdash \vdash$                           |          |             | $\vdash \vdash \vdash$ |             |        |        |  |
| Tota | ı1       |                        |             |                | 54955  |                        | $\vdash \vdash \vdash$ | $\vdash$    | 750      | 750  | 231           | 100             | 14     | 750                 | 494             | 1825   | 500      | 2900   |             |        | 2900     | 2452   | 2748   | 1673     | 1603        | 1603                   | 1603        | 1603   | 1603   | 28853  |
|      | -        |                        |             | <u> </u>       | 1  | 0                      | N                      | D           | J        | F  | M             | A               | M      | J                   | J               | A      | S        | О      | N           | D      | J        | F      | M  | A        | M           | J                      | J           | A      | S      |  |
|      |          |                        |             |                |  | C<br>T                 | O<br>V                 | E<br>C      | A<br>N   | E<br>B   | A<br>R        | P<br>R          | A<br>Y | U<br>N              | U<br>L          | U<br>G | E<br>P   | C<br>T | O<br>V      | E<br>C | A<br>N   | E<br>B | A<br>R   | P<br>R   | A<br>Y      | U<br>N                 | U<br>L      | U<br>G | E<br>P | 1  |
|      |          | -                      |             |                |  |                        |                        |             |          | L  |               |                 |        |                     |                 |        |          |        |             |        |          |        |  | <u> </u> |             |                        |             |        |        |  |
| M    |          |                        |             |                |  |                        |                        | PRODU       | ICTION I | RATES  | $\overline{}$ | $\overline{}$   |        |                     |                 | A      | DMIN I   | EAD T  | IME         |        | MFR      |        | TOTA   | AI.      | REMA        | RKS                    |             |        |        |  |
| F    |          |                        |             |                |  |                        |                        |             |          |  | Reac          | hed MI          | FR     |                     |                 | -      | or 1 Oct |        | r 1 Oct     |        | er 1 Oct |        | After 1  |          |             |                        |             |        |        |  |
| R    |          |                        | Nam         | ne - Locati    | ion  |                        | N                      | MIN         | 1-8-5    | MAX  | D-            | + 1             | l Ini  | itial               |                 |        | 1        |        | 3           |        | 7        |        | 10   |          |             |                        |             |        |        |  |
| 1    | Beretta  | U.S.A.                 | Corp., A    | ccokeek,       | MD   |                        | 1                      | 1360        | 8280     | 34800  | 6             |                 | Re     | order               |                 |        | 2        |        | 3           |        | 6        |        | 9  |          | 1           |                        |             |        |        |  |
| 2    | TBD,     | ГВD                    |             |                |  |                        | 1                      | 1400        | 3500     | 34800  |               | 2               | 2 Ini  | itial               |                 |        | 2        |        | 3           |        | 4        |        | 7  |          |             |                        |             |        |        |  |
| 3    | Fraser   | Mfg Co                 | rp, Lexin   | igton, MI      | ,  |                        |                        | 100         | 200      | 7200   | 2             |                 | Re     | order               |                 |        | 2        |        | 3           |        | 3        |        | 6  |          |             |                        |             |        |        |  |
| 4    | TBD,     | ľBD                    |             |                |  |                        |                        | 150         | 400      | 4800   |               | 3               | 3 Ini  | itial               |                 |        | 2        |        | 3           |        | 3        |        | 6  |          |             |                        |             |        |        |  |
|      |          |                        |             |                |  |                        |                        |             |          |  |               |                 | Re     | order               |                 |        | 2        |        | 3           |        | 3        |        | 6  |          |             |                        |             |        |        |  |
|      |          |                        |             |                |  |                        |                        |             |          |  | $\perp$       | 4               | 4 Ini  | itial               |                 |        | 2        |        | 3           |        | 3        |        | 6  |          |             |                        |             |        |        |  |
|      |          |                        |             |                |  |                        | $\perp$                |             |          | <u> </u>   | $\perp$       | $\perp$         | Re     | order               |                 |        | 2        |        | 3           |        | 3        |        | 6  |          | _           |                        |             |        |        |  |
|      |          |                        |             |                |  |                        |                        |             |          | <u> </u>   | Щ             |                 | Ini    | itial               |                 |        |          |        |             |        |          |        |  |          |             |                        |             |        |        |  |
|      | 1        |                        |             |                |  |                        |                        |             |          |  |               |                 | Re     | order               |                 |        |          |        |             |        |          |        |  |          |             |                        |             |        |        |  |

|        |         | F            | Y 10 /      | / 11 BU  | DGET           | r PR(                  | ODUC        | CTIO              | N SCI       | HEDU        | JLE         |             |             | P-1 ITEM<br>ITEMS L |             |             |             | CV-WT       | CCV) (G     | L3200)      |             |             | Date                   | e:          | May 20      | 009         |             |             |             |       |   |
|--------|---------|--------------|-------------|--|----------------|------------------------|-------------|-------------------|-------------|-------------|-------------|-------------|-------------|---------------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|------------------------|-------------|-------------|-------------|-------------|-------------|-------------|-------|---|
|        | C       | OST          | ELEM        | IENTS  | ,              |                        |             |                   |             |             | Fiscal '    | Year 10     |             |                     |             |             |             |             |             |             |             |             | Fiscal Y               | ear 11      |             |             |             |             |             |       | 1 |
|        |         |              |             |  |                | <u></u>                |             |                   |             |             |             |             |             |                     |             |             |             |             |             |             |             |             |                        |             |             |             |             |             |             |       |   |
| M      |         | S<br>E       | PROC<br>QTY | ACCEP<br>PRIOR                                   | BAL<br>DUE     |                        |             |                   |             |             |             |             |             | Calenda             | r Year 1    | .0          |             |             |             |             |             |             |                        | Calen       | dar Yea     | ır 11       |             |             |             |       |   |
| F<br>R | FY      | R<br>V       | Units       | TO<br>1 OCT                                      | AS OF<br>1 OCT | O<br>C<br>T            | N<br>O<br>V | D<br>E<br>C       | J<br>A<br>N | F<br>E<br>B | M<br>A<br>R | A<br>P<br>R | M<br>A<br>Y | J<br>U<br>N         | J<br>U<br>L | A<br>U<br>G | S<br>E<br>P | O<br>C<br>T | N<br>O<br>V | D<br>E<br>C | J<br>A<br>N | F<br>E<br>B | M<br>A<br>R            | A<br>P<br>R | M<br>A<br>Y | J<br>U<br>N | J<br>U<br>L | A<br>U<br>G | S<br>E<br>P | Later |   |
| 1.M    | 9 Pisto | ıs           |             |  |                |                        |             |                   |             |             |             |             |             |                     |             |             |             |             |             |             |             |             |                        |             | ı           |             |             | ı           |             |       |   |
| 1      | FY 08   | A            | 17923       | 17923  |                |                        |             |                   |             |             |             |             |             |                     |             |             |             |             |             |             |             |             |                        |             |             |             |             |             |             | 0     |   |
| 2      | FY 09   | A            | 4727        | 0  | 4727           | 788                    | 788         | 788               | 788         | 788         | 787         |             |             |                     |             |             |             |             |             |             |             |             |                        |             |             |             |             |             |             | 0     |   |
| 2      | FY 10   | A            | 11200       | 0  | 11200          |                        |             |                   | A           |             |             | 940         | 940         | 940                 | 940         | 940         | 940         | 940         | 940         | 940         | 940         | 900         | 900                    |             |             |             |             |             |             | 0     |   |
| 1      | FY 08   | AF           | 3156        | 2245   | 911            | 527                    | 384         |                   |             |             |             |             |             |                     |             |             |             |             |             |             |             |             |                        |             |             |             |             |             | ·<br>       | 0     |   |
| 1      | FY 08   | FMS          | 12815       | 1634   | 11181          | 288                    | 431         | 811               | 754         | 815         | 816         | 663         | 663         | 663                 | 663         | 663         | 663         | 663         | 663         | 663         | 663         | 636         |                        |             |             |             |             |             | ·<br>       | 0     |   |
| 1      | FY 08   | NA           | 4300        | 4300   |                |                        |             |                   |             |             |             |             |             |                     |             |             |             |             |             |             |             |             |                        |             |             |             |             |             |             | 0     |   |
| 2.N    | 3 Tripo | d            |             |  |                |                        |             |                   |             |             |             |             |             |                     |             |             |             |             |             |             |             |             |                        |             |             |             |             |             |             |       |   |
| 3      | FY 10   | A            | 759         | 0  | 759            | l                      |             |                   | A           |             | 150         | 150         | 150         | 150                 | 159         |             |             |             |             |             |             |             |                        |             |             |             |             |             | <u> </u>    | 0     |   |
| 3.X    | M205 L  | ightwei      | ght Tripo   | d (New St  | art)           |                        |             |                   |             |             |             |             |             |                     |             |             |             |             |             |             |             |             |                        |             |             |             |             |             |             |       |   |
| 4      | FY 10   | A            | 75          | 0  | 75             |                        |             |                   |             | A           | 75          |             |             |                     |             |             |             |             |             |             |             |             |                        |             |             |             |             |             | <u> </u>    | 0     |   |
|        |         | ↓            |             |  |                |                        |             |                   |             |             |             |             |             |                     |             |             |             |             |             |             |             |             |                        |             |             | <u> </u>    |             |             | <b></b>     |       | 1 |
|        |         | <u> </u>     | <u> </u>    | <u> </u>   |                | <b></b>                |             |                   |             |             |             |             |             |                     |             |             |             |             |             |             |             |             | igsquare               |             |             |             |             |             | <b></b>     |       |   |
|        |         | <del> </del> |             |  |                | $\vdash \vdash \vdash$ |             | <u> </u>          |             |             |             |             |             |                     |             |             |             |             |             |             |             |             | $\vdash \vdash \vdash$ |             |             | <u> </u>    |             |             |             |       | 4 |
| T (    | 1       |              | <b></b>     | <del>                                     </del> | 28853          | 1602                   | 1602        | 1500              | 1540        | 1.002       | 1000        | 1752        | 1752        | 1750                | 17.00       | 1.602       | 1,602       | 1.602       | 1.602       | 1.602       | 1.002       | 1526        | 000                    |             |             | <u> </u>    |             |             |             |       | ł |
| Tot    | al      |              |             | <u> </u>   | 28853          | 1603<br>O              | 1603<br>N   | 1599<br>D         | 1542<br>J   | 1603<br>F   | 1828<br>M   | 1753<br>A   | 1753<br>M   | 1753<br>J           | 1762<br>J   | 1603<br>A   | 1603<br>S   | 1603<br>O   | 1603<br>N   | 1603<br>D   | 1603<br>J   | 1536<br>F   | 900<br>M               | A           | M           | J           | т.          | A           | S           |       | ł |
|        |         |              |             |  |                | C<br>T                 | O<br>V      | E<br>C            | A<br>N      | E<br>B      | A<br>R      | P<br>R      | A<br>Y      | U<br>N              | U<br>L      | U<br>G      | E<br>P      | C<br>T      | O<br>V      | E<br>C      | A<br>N      | E<br>B      | A<br>R                 | P<br>R      | A<br>Y      | U<br>N      | U<br>L      | U<br>G      | E<br>P      |       |   |
|        |         |              |             |  |                |                        |             |                   |             |             |             |             |             |                     |             |             |             |             |             |             |             |             |                        |             |             |             |             |             |             |       |   |
| M      |         |              |             |  |                |                        | I           | ?RODU             | CTION I     | RATES       |             |             |             |                     |             | A           | DMIN I      | EAD T       | IME         |             | MFR         |             | TOTA                   | AL          | REMA        | .RKS        |             |             |             |       |   |
| F      |         |              |             |  |                |                        |             |                   |             |             | Reac        | hed MI      | FR          |                     |             | Pric        | or 1 Oct    | After       | r 1 Oct     | Aft         | er 1 Oct    |             | After 1                | Oct         |             |             |             |             |             |       |   |
| R      |         |              | Nam         | ne - Locati                                      | on             |                        | N           | MIN               | 1-8-5       | MAX         | _           | + 1         | Init        | ial                 |             |             | 1           |             | 3           |             | 7           |             | 10                     |             |             |             |             |             |             |       |   |
| 1      |         |              | . Corp., A  | Accokeek,  | MD             |                        | 1           | 1360              | 8280        | 34800       | 6           |             | Red         | order               |             |             | 2           |             | 3           |             | 6           |             | 9                      |             |             |             |             |             |             |       |   |
| 2      | TBD,    | TBD          |             |  |                |                        | 1           | 1400              | 3500        | 34800       |             | 2           | 2 Init      | ial                 |             |             | 2           |             | 3           |             | 4           |             | 7                      |             |             |             |             |             |             |       |   |
|        |         | Mfg Co       | orp, Lexin  | gton, MI   |                |                        |             | 100               | 200         | 7200        | 2           |             | Red         | order               |             |             | 2           |             | 3           |             | 3           |             | 6                      |             |             |             |             |             |             |       |   |
| 4      | TBD,    | TBD          |             |  |                |                        |             | 150               | 400         | 4800        |             | 3           | Init        | ial                 |             |             | 2           |             | 3           |             | 3           |             | 6                      |             |             |             |             |             |             |       |   |
|        |         |              |             |  |                |                        |             |                   |             |             |             |             | Red         | order               |             |             | 2           |             | 3           |             | 3           |             | 6                      |             |             |             |             |             |             |       |   |
|        |         |              |             |  |                |                        |             | $\longrightarrow$ |             |             |             |             | Init        | ial                 |             |             | 2           |             | 3           |             | 3           |             | 6                      |             |             |             |             |             |             |       |   |
|        |         |              |             |  |                |                        |             |                   |             |             |             |             | Red         | order               |             |             | 2           |             | 3           |             | 3           |             | 6                      |             |             |             |             |             |             |       |   |
|        |         |              |             |  |                |                        |             |                   |             |             | _           |             | Init        | ial                 |             |             |             | <u> </u>    |             |             |             |             |                        |             |             |             |             |             |             |       |   |
|        | 1       |              |             |  |                |                        |             |                   |             |             |             |             | Rec         | order               |             |             |             |             |             |             |             |             |                        |             | 1           |             |             |             |             |       |   |

| Exhibit P-40, Budget Item J   | Justification She                     | et   |               |                              |                                   | Date:         |            |
|---|---------------------------------------|------|---------------|------------------------------|-----------------------------------|---------------|------------|
| , 0   |                                       |      |               |                              |                                   | Ma            | y 2009     |
| Appropriation / Budget Activity / Seria<br>Procurement of W&TCV, Army / 2 / W | l No:<br>Veapons and other combat veh | cles |               | P-1 Item Nomencla<br>PRODUCT | iture<br>ION BASE SUPPORT (WOCV-W | TCV) (GC0050) |            |
| Program Elements for Code B Items:  | Coo                                   | e:   | Other Related | d Program Elements:          |                                   |               |            |
|   | Prior Years                           | -    | FY 2008       | FY 2009                      | FY 2010                           | To Complete   | Total Prog |
| Proc Qty  |                                       |      |               |                              |                                   |               |            |
| Gross Cost  | 362                                   | .6   | 27.6          | 20.0                         | 9.9                               |               | 420.1      |
| Less PY Adv Proc  |                                       |      |               |                              |                                   |               |            |
| Plus CY Adv Proc  |                                       |      |               |                              |                                   |               |            |
| Net Proc P1   | 362                                   | .6   | 27.6          | 20.0                         | 9.9                               |               | 420.1      |
| Initial Spares  |                                       |      |               |                              |                                   |               |            |
| Total Proc Cost   | 362                                   | .6   | 27.6          | 20.0                         | 9.9                               |               | 420.1      |
| Flyaway U/C   |                                       |      |               |                              |                                   |               |            |
| Weapon System Proc U/C  |                                       |      |               |                              |                                   |               |            |

This program provides funding to establish, modernize, expand or replace Army-owned industrial facilities and equipment used in production and production testing of Weapons and Tracked Combat Vehicles and their components. The program also provides for the preserving, storing and disposing for facilities and equipment that are either not required for current active production or are not needed by the Army. Provisioning of Industrial Facilities (PIF) occurs at Aberdeen Test Center, MD; White Sands Missile Range, NM; Yuma Proving Grounds, AZ; Rock Island Arsenal; and General Dynamics-Armaments and Technical Products, Saco, ME. The Layaway of Industrial Facilities (LIF) funding supports efforts at Rock Island, Il and Watervliet, NY arsenals. This program also provides funding for the Arsenal Support Program Initiative.

### Justification:

FY10 Base procurement dollars in the amount of \$9.855 provides for the PIF and LIF programs. The PIF funding will support upgrade and replacement of technically or economically obsolete production test instrumentation to ensure that complete and accurate test data is collected and that safety and environmental hazards are minimized. Benefits of this effort include increased test efficiencies and decreased costs and risks to Army program managers. The PIF funding will also support the repair of government owned equipment used in the production of gun barrels for small caliber weapons such as the MK19 Grenade Launcher and the M2 Machine Gun and the M242 Bushmaster Chain Gun. PIF projects are essential in fulfilling current and projected surge/contingency operations requirements in direct support of OCO. The establishment of a large capacity mill at Rock Island Arsenal is critical in enabling the army to meet both small arms and medium caliber weapon requirements supporting OCO. Benefits of this effort include the ability to maintain lower unit costs for production items. The Layaway of Industrial Facilities effort preserves the Army's abilities to respond to increases in production capabilities while keeping active production costs down. The effort allows the Army to excess equipment no longer needed. Economies are derived from this effort that benefits the entire Army. Production of small to large caliber weapons systems at Rock Island Arsenal (RIA) - Joint Manufacturing & Technology Center (JMTC) - equipment request supports manufacturing capabilities such as small arms spare parts and gages (e.g. 50-caliber M2 Machine Gun, MK19, M4/16 Rifle) and larger manufacturing capabilities (miscellaneous armor, spares, M119 spares). The Small Arms repair parts manufacturing focus factory requires high volume (parts count-wise) and a smaller work envelope than current machines. Equipment is not unique to small arms parts production equipment (either 1946 vintage or last replaced in 1976) will ensure increased efficiencies

| Exhibit P-5, Weapon WTCV Cost Analysis | Appropriation/Budget Activity/Serial No:<br>Procurement of W&TCV, Army / 2 / Wea<br>combat vehicles | pons and |            |       | menclature:<br>BASE SUPPORT | (WOCV-WTCV) | (GC0050) | Weapon Syste | m Type:    | Date: | May 2009  |
|--|---|----------|------------|-------|-----------------------------|-------------|----------|--------------|------------|-------|-----------|
| WTCV                                   |   | ID       |            | FY 08 |                             |             | FY 09    |              |            | FY 10 |           |
| Cost Elemen                            | ts  | CD       | Total Cost | Qty   | Unit Cost                   | Total Cost  | Qty      | Unit Cost    | Total Cost | Qty   | Unit Cost |
|  |   |          | \$000      | Each  | \$000                       | \$000       | Each     | \$000        | \$000      | Each  | \$000     |
| PIF                                    |   |          | 6041       |       |                             | 6028        |          |              | 9343       | 3     |           |
| LIF                                    |   |          | 21575      |       |                             | 13958       |          |              | 512        | 2     |           |
| Total:                                 |   |          | 27616      |       |                             | 19986       |          |              | 9855       | 5     |           |

| Exhibit P-40, Budget Item  | Justification Sho | eet     |              |                               |                                    | Date:       | y 2009     |
|--|-------------------|---------|--------------|-------------------------------|------------------------------------|-------------|------------|
| Appropriation / Budget Activity / Serial<br>Procurement of W&TCV, Army / 2 / V |                   | ehicles |              | P-1 Item Nomencla<br>PIF2 OMN | ature<br>IBUS (WOCV-WTCV) (GC2001) | 1710        | , 200)     |
| Program Elements for Code B Items:   | Co                | ode:    | Other Relate | d Program Elements:           |                                    |             |            |
|  | Prior Years       |         | FY 2008      | FY 2009                       | FY 2010                            | To Complete | Total Prog |
| Proc Qty   |                   |         |              |                               |                                    |             |            |
| Gross Cost   | 28                | 7.4     | 4.3          | 4.4                           | 9.3                                | Continuing  | Continuing |
| Less PY Adv Proc   |                   |         |              |                               |                                    |             |            |
| Plus CY Adv Proc   |                   |         |              |                               |                                    |             |            |
| Net Proc P1  | 28                | 7.4     | 4.3          | 4.4                           | 9.3                                | Continuing  | Continuing |
| Initial Spares   |                   |         |              |                               |                                    |             |            |
| Total Proc Cost  | 28                | 7.4     | 4.3          | 4.4                           | 9.3                                | Continuing  | Continuing |
| Flyaway U/C  |                   |         |              |                               |                                    |             |            |
| Weapon System Proc U/C   |                   |         |              |                               |                                    | Continuing  | Continuing |

This program provides funding to the Army Test and Evaluation Command (ATEC), Developmental Test Command (DTC) to establish, modernize, expand or replace test facilities used in production testing of Weapons and Tracked Combat Vehicles and their components. It sustains Army production test capabilities through upgrade and replacement of instrumentation and equipment that is technologically and/or economically obsolete. Modernization of test instrumentation and equipment provides increased automation and efficiencies, improved data quality and quantity and cost avoidance to Army Program Managers. Programmed funding will be used to upgrade or replace production test instrumentation and equipment at Aberdeen Test Center (ATC), Aberdeen Proving Ground, MD; White Sands Missile Range (WSMR), NM and Yuma Proving Ground (YPG), Yuma, AZ. This program also provides funding for the repair and refurbishment of Army-owned equipment used in the production of gun barrels for small caliber weapons. Programmed funding will be used to repair Hot and Cold Forges at General Dynamics - Armaments Technical Products, Saco, ME, and large capacity mills at Rock Island Arsenal.

### Justification:

ATEC: At ATC, FY10 Base procurement dollars in the amount of \$9.343 procures instrumentation for continuous monitoring and recording communications input to, and output from, vehicle computers and micro-controllers; upgraded laboratory test equipment that simulates extremely harsh vibration environments that prime movers experience in the field (used for reliability and durability tests); field analysis instrumentation to test for toxic fumes and provide chemical identification analysis; replacement and upgrade of video cameras, video recorders, digital video tracking systems and telemetry systems used to assess fire control system performance; upgrade of instrumentation and equipment used in the Light Armor Range Complex for ballistic testing of armor plate; and replacement of antiquated mobile temperature conditioning units (cold chambers), instrumentation and equipment controls, and tanks that store and distribute carbon dioxide (C02) used to provide ambient and low temperature environmental conditioning of test items. At WSMR, FY 2010 procures replacement instrumentation in WSMR's nuclear, directed energy, and Electromagnetic Environment Effects (E3) test simulators, which, due to excessive use, age, deterioration of components, new mission requirements, and/or outdated technology--no longer meets regulatory, customer and/or mission requirements. At YPG, FY 2010 procures high speed digital imaging cameras for vehicle fire control testing that will follow a direct fire projectile's flight path in lieu of using many cameras lined along the flight path; development and integration of a next generation ballistic system replacing multiple, failing data acquisition systems; on-board data acquisition and recording equipment for collecting vehicle performance data in harsh desert environments; and replacement of aged dynamometer truck data collection equipment that is used during vehicle drawbar pull and full-load cooling tests, with modernized data loggers that provide multiple data displays in real time. The majo

| Exhibit P-40, Budget Item Justification S  | heet                                      |                      |  | Date:<br>May 2009                                |
|--|---|----------------------|--|--|
| Appropriation / Budget Activity / Serial No:<br>Procurement of W&TCV, Army / 2 / Weapons and other comba   | at vehicles                               |                      | P-1 Item Nomenclature<br>PIF2 OMNIBUS (WOCV-WTCV) (GC2001) |  |
| Program Elements for Code B Items:   | Code:                                     | Other Related Prog   | ram Elements:  |  |
| capacity mill at Rock Island Arsenal is critical in enabling the   | he army to meet bot                       | h small arms and mo  | edium caliber weapon requirements supporting OC            | CO.  |
| FY10 funds will also provide for the repair and refurbishme Dynamics - Armaments Technical Products, Saco, ME. The need to repair and overhaul these forges, funding needs to b 23-year-old forges for which there is no back-up in the US s | Economic advanta<br>e at least doubled fo | ge derived from thes | se unique forges will benefit the Army and produc          | e substantial long-term savings. Due to pressing |
|  |   |                      |  |  |

|   | tem Justification She       | et           |                       |  |                | Date:<br>May 2009 |         |
|---|-----------------------------|--------------|-----------------------|--|----------------|-------------------|---------|
| Appropriation / Budget Activity / Serial No:<br>Procurement of W&TCV, A |                             |              |                       | P-1 Item Nomenclature<br>PIF2 OMNIBUS (WOCV- | WTCV) (GC2001) | <u> </u>          |         |
| rogram Elements for Code B Items:                                       | Code:                       |              | Other Related Program | n Elements:                                  |                |                   |         |
| <u>Location</u>   | <u>P</u>                    | roject Title |                       | <u>Project</u>                               | FY 2008        | FY 2009           | FY 2010 |
| Production Support  |                             |              |                       |  |                |                   |         |
| GDLS  | Hot & Cold Forge            |              |                       | U7668  |                |                   | 422     |
| Rock Island Arsenal - JMTC  | Large Capacity Mills (St    | mall Arms)   |                       | U7669  |                |                   | 4240    |
| ATEC  | ATEC                        |              |                       | 00000  | 4325           | 4396              | 4681    |
|   | Subtotal - Production       |              |                       |  | 4,325          | 4,396             | 9,34    |
| <u>Environmental</u>  | Subtotal - Environmen       | fal          |                       |  | 0              | 0                 |         |
|   | Subtotal - Environmen       | tai          |                       |  | v              | v                 |         |
| •   | Total Industrial Facilities |              |                       |  | 4,325          | 4,396             | 9,34    |
|   |                             |              |                       |  |                |                   |         |
|   |                             |              |                       |  |                |                   |         |
|   |                             |              |                       |  |                |                   |         |
|   |                             |              |                       |  |                |                   |         |
|   |                             |              |                       |  |                |                   |         |
|   |                             |              |                       |  |                |                   |         |
|   |                             |              |                       |  |                |                   |         |
|   |                             |              |                       |  |                |                   |         |
|   |                             |              |                       |  |                |                   |         |

| Project Title/Type<br>ot & Cold Forge   |                        |       | 3. End I | 3. End Item Supported Model Not Applicable |                    |                             |              |                   |            |               |               |  |  |
|---|------------------------|-------|----------|--|--------------------|-----------------------------|--------------|-------------------|------------|---------------|---------------|--|--|
| Project Number: 5. Annual C U7668   | Capacity Before (1-N/A | 8-5)  |          |  | 6. <i>A</i>        | Annual Capacity Afte<br>N/A | er (1-8-5):  |                   |            |               |               |  |  |
| Element of Cost   | FY 08                  | FY 09 | FY 10    | H. Facility                                |                    |                             |              |                   |            |               |               |  |  |
| <b>Construction Cost</b>  |                        |       |          | 1. Name:                                   |                    | <u>GDLS</u>                 |              |                   |            |               |               |  |  |
| Equipment Cost* (Individual equipment cost should be crified for all equipment costing more than \$0.5 Million) |                        |       |          | 2. Location:                               |                    | Saco, ME                    |              |                   |            |               |               |  |  |
| 1. Hot & Cold Forge   |                        |       | 422      | 3. Type (GOGO, GO                          | CO, COCO):         | GOCO                        |              |                   |            |               |               |  |  |
| 2.  |                        |       |          | I. Related Projects                        |                    |                             |              | 1                 | 1          | 1             |               |  |  |
| 3.  |                        |       |          | Project<br>Number                          | Tit                | tle                         | FY &<br>Appn | Value<br>(\$ Mil) | Facing     | Start<br>Date | Compl<br>Date |  |  |
| btotal Costs  |                        |       | 422      |  |                    |                             | 11           | (, ,              |            |               |               |  |  |
| <b>Equipment Installation Cost</b>  |                        |       |          |  |                    |                             |              |                   |            |               |               |  |  |
| Contractor Support Cost   |                        |       |          |  |                    |                             |              |                   |            |               |               |  |  |
| Corps of Engineers Support Cost   |                        |       |          |  |                    |                             |              |                   |            |               |               |  |  |
| Other In-House Support Cost   |                        |       |          |  |                    |                             |              |                   |            |               |               |  |  |
| tal Facility Project Cost   |                        |       | 422      | J. Principal Mileston                      | ies                |                             |              |                   | Month & Y  | Year          | I             |  |  |
| Other Costs   |                        |       |          | _  | t Design Complet   | te:                         |              |                   | Not Applic |               |               |  |  |
| 1. Facility Prove-out Cost  |                        |       |          | _  | esign Complete:    |                             |              |                   | Not Applic |               |               |  |  |
| 2. Material Construction Appn.  |                        |       |          |  | inal Project Awa   | rd:                         |              |                   | Not Applic |               |               |  |  |
|   |                        |       |          |  | ction Complete:    |                             |              |                   | Not Applic |               |               |  |  |
|   |                        |       |          |  | ent Installation C | omplete:                    |              |                   | Not Applic |               |               |  |  |
|   |                        |       |          | 6. Prove C                                 | Out Begins:        | •                           |              |                   | Not Applic |               |               |  |  |
|   |                        |       |          |  | Out Complete:      |                             |              |                   | Not Applic |               |               |  |  |
| rrative Explanation:  |                        |       |          | <b>4</b>                                   |                    |                             |              |                   |            |               |               |  |  |
|   |                        |       |          |  |                    |                             |              |                   |            |               |               |  |  |
|   |                        |       |          |  |                    |                             |              |                   |            |               |               |  |  |
|   |                        |       |          |  |                    |                             |              |                   |            |               |               |  |  |
|   |                        |       |          |  |                    |                             |              |                   |            |               |               |  |  |

| Exhibit P-25, Production                                   | Support a             | nd Indus | strial Fa | cilities C | ost Analysis (                          | Dollars in       | Thou       | usands)                         |         |          | 1.      | Date:    | May 2009      | 9     |
|--|-----------------------|----------|-----------|------------|---|------------------|------------|---------------------------------|---------|----------|---------|----------|---------------|-------|
| 2. Project Title/Type<br>Large Capacity Mills (Small Arms) |                       |          |           | 3. End It  | tem Supported Model<br>Not Applicable   |                  |            |                                 |         |          |         |          |               |       |
| 4. Project Number:<br>U7669                                | 5. Annual Capa<br>N/. |          | 8-5)      | ·          |   |                  | 6. Annua   | l Capacity After (1-8-5)<br>N/A | ):      |          |         |          |               |       |
| Element of Cost  |                       | FY 08    | FY 09     | FY 10      | H. Facility                             |                  |            |                                 |         |          |         |          |               |       |
| A. Construction Cost                                       |                       |          |           |            | 1. Name:                                |                  |            | Rock Island Arsena              | ıl - JM | TC       |         |          |               |       |
| B. Equipment Cost* (Individual equipment of                |                       |          |           |            | 2. Location:                            |                  |            | Rock island, IL                 |         |          |         |          |               |       |
| specified for all equipment costing more than \$0.         | 5 Million)            |          |           | 1210       | 3. Type (GOGO, GO                       | OCO, COCO):      |            | <u>GOGO</u>                     |         |          |         |          |               |       |
| Large Capacity Mills                                       |                       |          |           | 4240       | I. Related Projects                     |                  |            |                                 |         |          |         |          |               |       |
| 2.   |                       |          |           |            | Project                                 |                  | Title      | FY                              | &       | Value    | Facing  |          | Start         | Compl |
| 3.   |                       |          |           |            | Number                                  |                  |            | App                             | n       | (\$ Mil) |         |          | Date          | Date  |
| Subtotal Costs   |                       |          |           | 4240       |   |                  |            |                                 |         |          |         |          |               |       |
| C. Equipment Installation Cost                             |                       |          |           |            |   |                  |            |                                 |         |          |         |          |               |       |
| D. Contractor Support Cost                                 |                       |          |           |            |   |                  |            |                                 |         |          |         |          |               |       |
| E. Corps of Engineers Support Cost                         |                       |          |           |            |   |                  |            |                                 |         |          |         |          |               |       |
| F. Other In-House Support Cost                             |                       |          |           |            |   |                  |            |                                 |         |          |         |          |               |       |
| Total Facility Project Cost                                |                       |          |           | 4240       | J. Principal Milesto                    | nes              |            | •                               |         |          | Month   | & Yea    | r             |       |
| G. Other Costs   |                       |          |           |            |   | ot Design Com    | plete:     |                                 |         |          | Not Ap  | plicable | e             |       |
| <ol> <li>Facility Prove-out Cost</li> </ol>                |                       |          |           |            | 2. Final I                              | Design Complet   | te:        |                                 |         |          | Not Ap  | plicable | e             |       |
| <ol><li>Material Construction Appn.</li></ol>              |                       |          |           |            |   | Final Project A  |            |                                 |         |          | Not Ap  |          |               |       |
|  |                       |          |           |            | 4. Constr                               | uction Complet   | te:        |                                 |         |          | Not Ap  | plicable | <u>—</u><br>е |       |
|  |                       |          |           |            |   | nent Installatio |            | ete:                            |         |          | Not Ap  | •        |               |       |
|  |                       |          |           |            |   | Out Begins:      | <b>r</b> - |                                 |         |          | Not Ap  |          |               |       |
|  |                       |          |           |            |   | Out Complete:    |            |                                 |         |          | Not Ap  |          |               |       |
| Narrative Explanation:                                     |                       | 1        | <u> </u>  | <u> </u>   | ,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,, | comprete.        |            |                                 |         |          | 1.01.11 |          |               |       |

Replacement of our large capacity mills. One of our large mills is 1946 vintage and another was made circa 1976. By embracing current technology and capabilities, not only can support workload be migrated off the existing large capacity mills, but general production workload could also be processed in a more efficient manner.

| Exhibit P-25, Production S  | Support a            | nd Indus                | trial Fac |          |                                       | ollars in       | i Thousands)                 |              |                   | 1. Da      | May 200       | 9             |
|---|----------------------|-------------------------|-----------|----------|---------------------------------------|-----------------|------------------------------|--------------|-------------------|------------|---------------|---------------|
| Project Title/Type<br>TEC   |                      |                         |           | 3. End I | tem Supported Model<br>Not Applicable |                 |                              |              |                   |            |               |               |
| Project Number:<br>00000  | 5. Annual Capa<br>N/ | acity Before (1-8-<br>A | -5)       |          |                                       |                 | 6. Annual Capacity Af<br>N/A | ter (1-8-5): |                   |            |               |               |
| Element of Cost   |                      | FY 08                   | FY 09     | FY 10    | H. Facility                           |                 |                              |              |                   |            |               |               |
| Construction Cost   |                      |                         |           |          | 1. Name:                              |                 | ATEC                         |              |                   |            |               |               |
| Equipment Cost* (Individual equipment coecified for all equipment costing more than \$0.5 |                      |                         |           |          | 2. Location: 3. Type (GOGO, GO        | CO COCO):       | <u>ATEC</u>                  |              |                   |            |               |               |
| 1.  |                      | 4325                    | 4396      | 4681     | I. Related Projects                   | .0, (000).      |                              |              |                   |            |               |               |
| 2.<br>3.  |                      |                         |           |          | Project<br>Number                     |                 | Title                        | FY &<br>Appn | Value<br>(\$ Mil) | Facing     | Start<br>Date | Compl<br>Date |
| ubtotal Costs   |                      | 4325                    | 4396      | 4681     |                                       |                 |                              |              |                   |            |               |               |
| <b>Equipment Installation Cost</b>  |                      |                         |           |          |                                       |                 |                              |              |                   |            |               |               |
| Contractor Support Cost   |                      |                         |           |          |                                       |                 |                              |              |                   |            |               |               |
| <b>Corps of Engineers Support Cost</b>  |                      |                         |           |          |                                       |                 |                              |              |                   |            |               |               |
| Other In-House Support Cost   |                      |                         |           |          |                                       |                 |                              |              |                   |            |               |               |
| otal Facility Project Cost  |                      | 4325                    | 4396      | 4681     | J. Principal Mileston                 | ies             |                              |              | I                 | Month & Y  | Year          | I.            |
| . Other Costs   |                      |                         |           |          | _                                     | Design Com      | plete:                       |              |                   | Not Applic | able          |               |
| 1. Facility Prove-out Cost  |                      |                         |           |          | 2. Final Do                           | esign Complet   | te:                          |              |                   | Not Applic | able          |               |
| 2. Material Construction Appn.  |                      |                         |           |          | 3. Initial/F                          | inal Project A  | ward:                        |              |                   | Not Applic | able          |               |
|   |                      |                         |           |          | 4. Constru                            | ction Comple    | te:                          |              |                   | Not Applic | able          |               |
|   |                      |                         |           |          | 5. Equipm                             | ent Installatio | on Complete:                 |              |                   | Not Applic | able          |               |
|   |                      |                         |           |          | 6. Prove C                            | ut Begins:      |                              |              |                   | Not Applic | able          |               |
|   |                      |                         |           |          | 7. Prove C                            | ut Complete:    |                              |              |                   | Not Applic | able          |               |

| Exhibit P-40, Budget Item  | Justification Sh | eet      |              |                      |   | Date:       | ny 2009    |  |  |  |
|--|------------------|----------|--------------|----------------------|---|-------------|------------|--|--|--|
| Appropriation / Budget Activity / Serial<br>Procurement of W&TCV, Army / 2 / V |                  | rehicles |              |                      | P-1 Item Nomenclature LAYAWAY OF INDUSTRIAL FACILITIES (GC2100) |             |            |  |  |  |
| Program Elements for Code B Items:   | C                | ode:     | Other Relate | ed Program Elements: |   |             |            |  |  |  |
|  | Prior Years      |          | FY 2008      | FY 2009              | FY 2010   | To Complete | Total Prog |  |  |  |
| Proc Qty   |                  |          |              |                      |   |             |            |  |  |  |
| Gross Cost   | ,                | 75.2     | 23.3         | 15.6                 | 0.5   |             | 114.6      |  |  |  |
| Less PY Adv Proc   |                  |          |              |                      |   |             |            |  |  |  |
| Plus CY Adv Proc   |                  |          |              |                      |   |             |            |  |  |  |
| Net Proc P1  | ,                | 75.2     | 23.3         | 15.6                 | 0.5   |             | 114.6      |  |  |  |
| Initial Spares   |                  |          |              |                      |   |             |            |  |  |  |
| Total Proc Cost  | ,                | 75.2     | 23.3         | 15.6                 | 0.5   |             | 114.6      |  |  |  |
| Flyaway U/C  |                  |          |              |                      |   |             |            |  |  |  |
| Weapon System Proc U/C   |                  |          |              |                      |   |             |            |  |  |  |

Provides for the preservation, storage, decontamination and plant clearance requirements of industrial facilities and equipment that are no longer required to support current production at Watervliet and Rock Island Arsenals. Also provides for major project efforts support footprint reduction by excessing machines and performing plant restoration on machine foundations, floors and vacated areas at Rock Island Arsenal. Efforts at Watervliet Arsenal will consist of excessing machines and performing plant restoration on required machine foundations, floors and vacated space.

The Arsenal Support Program Initiative (ASPI) incentive funding is used to renovate/modernize idle and underutilized government-owned facilities to make them usable and attractive to paying commercial tenants. Congress first authorized the ASPI within the FY2001 Defense Authorization Act (PL 106-398) and subsequently extended the program through FY2008. The ASPI is applicable to the Rock Island Arsenal (RIA) Joint Manufacturing and Technology Center (JMTC), and Watervliet Arsenal (WVA) JMTC. The ASPI program is designed to integrate civilian commercial activity into the arsenals to reduce government operating costs by sharing overhead burdens. The benefits to the Army include overhead cost reduction, reduced facility maintenance costs, local skill retention, positive community relations, and reduction of future conveyance costs. These efforts support the Headquarters, U.S. Tank-Automotive and Armaments Command's initiative to reduce Industrial Mobilization Capacity costs and avoid unneeded infrastructure costs.

### Justification:

FY10 Base procurement dollars in the amount of \$.512 supports continue footprint reduction efforts at Watervliet Arsenal. Footprint reduction programs allow the arsenals to be more efficient and reduce their operating costs. This results in lower unit cost of weapon systems production. These efforts support the Headquarters, U.S. Army Tank-Automotive Armaments Command's initiative to reduce Industrial Mobilization Capacity expenditures and avoid the cost of maintaining unneeded infrastructure.

| Exhibit P-40C, Budget Iten   | n Justification Sheet                     |                              |                                     |                            | Date:<br>May 20 | Date:<br>May 2009 |  |  |
|--|---|------------------------------|-------------------------------------|----------------------------|-----------------|-------------------|--|--|
| Appropriation / Budget Activity / Serial No:<br>Procurement of W&TCV, Army | y / 2 / Weapons and other combat vehicles | P-1                          | Item Nomenclature<br>LAYAWAY OF IND | DUSTRIAL FACILITIES (GC210 | ))              |                   |  |  |
| Program Elements for Code B Items:   | Code:                                     | Other Related Program Elemen | its:                                |                            |                 |                   |  |  |
| <b>Location</b>  | Project Title                             |                              | Project                             | FY 08                      | FY 09           | FY 10             |  |  |
| Rock Island ArsenalRock Island, Illinois                                   | Layaway of Industrial Facilities (LIF)    |                              | U7667                               | 2.191                      | 2.130           |                   |  |  |
| Watervliet ArsenalWatervliet, New York                                     | Layaway of Industrial Facilities (LIF)    |                              | U7667                               |                            |                 | 0.512             |  |  |
| Rock Island, Arsenal Rock Island, Illinois                                 | Arsenal Support Program Initiative (ASPI) |                              | A7667                               | 11.500                     | 8.475           |                   |  |  |
| Watervliet ArsenalWatervliet, New York                                     | Arsenal Support Program Initiative (ASPI) |                              | A7667                               | 9.600                      | 4.985           |                   |  |  |
|  | Total                                     |                              |                                     | 23.291                     | 15.590          | 0.512             |  |  |

| Exhibit P-17, Layaway and/or Distribution  | on  |                    |                                     | Date: May 2009               |
|--|---|--------------------|-------------------------------------|------------------------------|
| Appropriation / Budget Activity / Serial No:<br>Procurement of W&TCV, Army / 2 / Weapons and of      | her combat vehicles   | P-1                | Item Nomenclature<br>LAYAWAY OF INI | DUSTRIAL FACILITIES (GC2100) |
| Project: U7667   | FY 2008   | FY                 | 2009                                | FY 2010                      |
| Funding:   | 2.191   |                    | 2.                                  | 130                          |
| Title: Layaway of Industrial Facilities (LIF) Description:   |   |                    |                                     |                              |
| Manufacturer (Name and Location) Rock Island ArsenalRock Island, Illinois                            | Production Lines being laid away<br>Areas in Building 208/21      |                    | Production                          | <b>Ends</b> Continuous       |
| Layaway Cost: 0.827  | Other Costs:  |                    | Annual Ma                           | aintenance Cost:             |
| Project: U7667   | FY 2008   | FY                 | 2009                                | FY 2010                      |
| Funding:   |   |                    |                                     | 0.512                        |
| Title: Layaway of Industrial Facilities (LIF)  Description: FY2010 effort will excess twelve (12) ma | achines, to include foundation fill-ins and floor                 | restoration.       |                                     |                              |
| Manufacturer (Name and Location) Watervliet ArsenalWatervliet, New York                              | <b>Production Lines being laid away</b> Areas in Building 20, 25, |                    | Production                          | n Ends<br>Continuous         |
| Layaway Cost:  | Other Costs:  |                    | Annual Ma                           | aintenance Cost:             |
| Project: A7667   | FY 2008   | FY                 | 2009                                | FY 2010                      |
| Funding:   | 11.500  |                    | 8.                                  | 475                          |
| Title: Arsenal Support Program Initiative (ASPI)  Description:                                       |   |                    |                                     |                              |
| Manufacturer (Name and Location) Rock Island, Arsenal Rock Island, Illinois                          | Production Lines being laid away                                  | (Include Location) | Production                          | ı Ends                       |
| Layaway Cost:  | Other Costs:  |                    | Annual Ma                           | aintenance Cost:             |
| Project: A7667   | FY 2008   | FY                 | 2009                                | FY 2010                      |
| Funding:   | 9.600   |                    | 4.                                  | 985                          |
| Title: Arsenal Support Program Initiative (ASPI) Description:  |   |                    |                                     |                              |
| Manufacturer (Name and Location) Watervliet ArsenalWatervliet, New York                              | Production Lines being laid away                                  | (Include Location) | Production                          | ı Ends                       |
| Layaway Cost:  | Other Costs:  |                    | Annual Ma                           | aintenance Cost:             |
|  |   |                    |                                     |                              |

| Exhibit P-40, Budget Item   | Justification Sheet | t      |               |                               |                                  | Date:       | • |
|---|---------------------|--------|---------------|-------------------------------|----------------------------------|-------------|---|
|   |                     |        |               |                               |                                  | Ma          | ıy 2009                                 |
| Appropriation / Budget Activity / Seria<br>Procurement of W&TCV, Army / 2 / V |                     | les    |               | P-1 Item Nomencla<br>INDUSTRI | ture<br>AL PREPAREDNESS (GC0075) |             |   |
| Program Elements for Code B Items:  | Code                | : Ot   | her Related I | Program Elements:             |                                  |             |   |
|   | Prior Years         | FY 200 | 08            | FY 2009                       | FY 2010                          | To Complete | Total Prog                              |
| Proc Qty  |                     |        |               |                               |                                  |             |   |
| Gross Cost  | 175.6               | 5      | 0.9           | 7.3                           | 0.4                              |             | 184.3                                   |
| Less PY Adv Proc  |                     |        |               |                               |                                  |             |   |
| Plus CY Adv Proc  |                     |        |               |                               |                                  |             |   |
| Net Proc P1   | 175.6               | 5      | 0.9           | 7.3                           | 0.4                              |             | 184.3                                   |
| Initial Spares  |                     |        |               |                               |                                  |             |   |
| Total Proc Cost   | 175.6               | 5      | 0.9           | 7.3                           | 0.4                              |             | 184.3                                   |
| Flyaway U/C   |                     |        |               |                               |                                  |             |   |
| Weapon System Proc U/C  |                     |        |               |                               |                                  | ·           |   |

This program provides for the maintenance of laid away portions of active weapons production plants, and the storage, protection, and maintenance of laid away Government-owned equipment being stored on-site at Government-owned plants. The funding represents the storage costs for laid away production items from Rock Island and Watervliet Arsenals. The funds also pay for storage, facilities/equipment maintenance, and inspection of Industrial Plant Equipment (IPE) stored at Rock Island Arsenal, and laid away machine tools, gauges, special measuring equipment, tooling and fixturing stored at Watervliet Arsenal. Program also includes the Arsenal Support Program Initiative (ASPI).

### Justification:

FY10 provides funds for the maintenance of laid away weapons production facilities to include utilities, buildings, non-severable equipment, plant equipment, special tooling, and special test equipment being retained as part of approved Army Reserve Plants, which are required to support future production and replenishment requirements. Funds are required to perform periodic inspection and maintenance of the laid away equipment to preclude this unique equipment from deteriorating and jeopardizing planned reactivation capabilities and timelines. Failure to maintain the equipment in a ready state risks significant delays in supporting essential warfighting materiel. This program also includes the appropriate allocation of recurring overhead costs associated with the laid away facilities and equipment such as roads and grounds maintenance, fire protection, plant security, and administrative support.

| Exhibit P-5, Weapon WTCV Cost Analysis   | Appropriation/Budget Activity/Serial No:<br>Procurement of W&TCV, Army / 2 / Weat<br>combat vehicles | pons and |            | Line Item No<br>USTRIAL P | menclature:<br>REPAREDNESS | (GC0075)   |       | Weapon Syste | m Type:    | Date: | May 2009  |
|--|--|----------|------------|---------------------------|----------------------------|------------|-------|--------------|------------|-------|-----------|
| WTCV                                     |  | ID       |            | FY 08                     |                            |            | FY 09 |              |            | FY 10 |           |
| Cost Elemen                              | ts   | CD       | Total Cost | Qty                       | Unit Cost                  | Total Cost | Qty   | Unit Cost    | Total Cost | Qty   | Unit Cost |
|  |  |          | \$000      | Units                     | \$000                      | \$000      | Units | \$000        | \$000      | Units | \$000     |
| Hawthorne Army Depot                     |  |          |            |                           |                            |            |       |              |            |       |           |
| Rock Island Arsenal                      |  |          | 94         | .5                        |                            | 3094       |       |              |            |       |           |
| Watervliet Arsenal                       |  |          |            |                           |                            |            |       |              | 39         | 2     |           |
| Arsenal Support Program Initiative(ASPI) |  |          |            |                           |                            |            |       |              |            |       |           |
| Joint Mfg Tech Center (JMTC) Add         |  |          |            |                           |                            | 4188       |       |              |            |       |           |
|  |  |          |            |                           |                            |            |       |              |            |       |           |
| Total:                                   |  |          | 94         | 5                         |                            | 7282       |       |              | 39:        | 2     |           |

| Exhibit P-26, Maintenance of Ir            |  | Appropriation / Budget Activity / Serial No:<br>trocurement of W&TCV, Army/2/Weapons and other combat vehice  | Date: May 2009                 |
|--|--|---|--------------------------------|
| Inactive Lines at Contractor Plants        | Facility: Hawthorne Army Dep   | oot Contractor: Day & Zim   | nmerman, Hawthorne Corporation |
| Funding                                    | FY 2008  | FY 2009   | FY 2010                        |
| MAINTENANCE                                |  |   |                                |
| RECURRING                                  |  |   |                                |
| ENVIRONMENTAL                              |  |   |                                |
| OTHER                                      |  |   |                                |
| Description:                               |  |   |                                |
| Inactive Lines at Active Plants            | Facility: Rock Island Arsenal  | Contractor: Not Applic  | able                           |
| Funding                                    | FY 2008  | FY 2009   | FY 2010                        |
| MAINTENANCE                                | 94   | 5 30  | 94                             |
| RECURRING                                  |  |   |                                |
| ENVIRONMENTAL                              |  |   |                                |
| OTHER                                      |  |   |                                |
| Description:                               |  |   |                                |
| Inactive Lines at Active Plants            | Facility: Watervliet Arsenal   | Contractor: Not Applic  | able                           |
| Funding                                    | FY 2008  | FY 2009   | FY 2010                        |
| MAINTENANCE                                |  |   | 392                            |
| RECURRING                                  |  |   |                                |
| ENVIRONMENTAL                              |  |   |                                |
| OTHER                                      |  |   |                                |
| at Watervliet Arsenal (WVA). Funds are use | d for maintenance of laid away weapons production faci<br>proved plant equipment packages (PEPs) which are requi | on plants and the storage, protection, and maintenance of l<br>lities to include utilities, buildings, nonseverable equipmen<br>red to support future replenishment requirements. Also, inc |                                |
| Inactive Lines at Active Plants            | Facility: Arsenal Support Progr  | ram Initiative(ASPI) Contractor:  |                                |
| Funding                                    | FY 2008  | FY 2009   | FY 2010                        |
| MAINTENANCE                                |  |   |                                |
| RECURRING                                  |  |   |                                |
| ENVIRONMENTAL                              |  |   |                                |
| OTHER                                      |  |   |                                |
| -  | •  |   |                                |

| Exhibit P-26, Maintenance of Inact | ive Industrial Facilities | Appropriation / Budget Activity / Serial No:<br>Procurement of W&TCV, Army/2/Weapons and other combat vehicles | Date:<br>May 2009 |
|------------------------------------|---------------------------|--|-------------------|
| Description:                       |                           | ,  | '                 |
| Inactive Lines at Active Plants    | Facility: Joint Mfg Tec   | ch Center (JMTC) Add Contractor:   |                   |
| Funding                            | FY 2008                   | FY 2009  | FY 2010           |
| MAINTENANCE                        |                           |  |                   |
| RECURRING                          |                           |  |                   |
| ENVIRONMENTAL                      |                           |  |                   |
| OTHER                              |                           | 4188   |                   |
| Description:                       |                           | ·  |                   |
|                                    |                           |  |                   |
|                                    |                           |  |                   |
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|                                    |                           |  |                   |

| Exhibit P-40, Budget Item  | Justification Sh | eet     |               |                     |                                    | Date:       | ay 2009    |
|--|------------------|---------|---------------|---------------------|------------------------------------|-------------|------------|
| Appropriation / Budget Activity / Seri<br>Procurement of W&TCV, Army / 2 / |                  | ehicles |               | P-1 Item Nomencla   | iture<br>RMS EQUIPMENT (SOLDIER EN | l           | <u></u>    |
| Program Elements for Code B Items:   | С                | ode:    | Other Related | d Program Elements: |                                    |             |            |
|  | Prior Years      |         | FY 2008       | FY 2009             | FY 2010                            | To Complete | Total Prog |
| Proc Qty   |                  |         |               |                     |                                    |             |            |
| Gross Cost   | 13               | 31.5    | 12.0          | 1.2                 | 5.0                                |             | 149.7      |
| Less PY Adv Proc   |                  |         |               |                     |                                    |             |            |
| Plus CY Adv Proc   |                  |         |               |                     |                                    |             |            |
| Net Proc P1  | 13               | 31.5    | 12.0          | 1.2                 | 5.0                                |             | 149.7      |
| Initial Spares   |                  |         |               |                     |                                    |             |            |
| Total Proc Cost  | 13               | 31.5    | 12.0          | 1.2                 | 5.0                                |             | 149.7      |
| Flyaway U/C  |                  |         |               |                     |                                    |             |            |
| Weapon System Proc U/C   |                  |         |               |                     |                                    |             |            |

This program provides ancillary small arms equipment to the Soldier and equipment for the Soldier Enhancement Program (SEP). The mission of SEP is to identify and evaluate commercially available individual weapons, munitions, accessories, etc., which can be adopted and provided to Soldiers in three years or less. The nature of the items determines the acquisition strategy, market survey, candidate evaluation and down select method, scope of testing, adoption decision and fielding process. Each year nearly 125+ proposals are received and reviewed for suitable solutions to keep up with ever-changing technologies and new and improved ways to equip and maintain our forces. Proposals that match up with user deficiencies are presented at the Semi-annual PEO Soldier/TRADOC SEP review and compete for funding in the upcoming fiscal year. Also included within this program is equipment for the Rapid Fielding Initiative (RFI).

### Justification:

FY10 procures the Advanced Sniper Accessory Kit (New Initiative), Close Combat Mission Capability Kit, Laser Range Finder and Clip-on Sniper Night Sight for SEP. The Advanced Sniper Accessory Kit provides the sniper teams performance enhancing capabilities such as a Laser Range Finder, a Ballistic Computer, a Boresight Device, etc.

| Exhibit P-5, Weapon WTCV Cost Analysis | Appropriation/Budget Activity/Serial No:<br>Procurement of W&TCV, Army / 2 / Wea<br>combat vehicles | pons and | d other SMA | Line Item No<br>LL ARMS I<br>0076) |           | OLDIER ENH PRO | OG)   | Weapon System | n Type:    | Date:  | May 2009  |
|--|---|----------|-------------|------------------------------------|-----------|----------------|-------|---------------|------------|--------|-----------|
| WTCV                                   |   | ID       |             | FY 08                              |           |                | FY 09 |               |            | FY 10  |           |
| Cost Elemen                            | ts  | CD       | Total Cost  | Qty                                | Unit Cost | Total Cost     | Qty   | Unit Cost     | Total Cost | Qty    | Unit Cost |
|  |   |          | \$000       | Units                              | \$000     | \$000          | Units | \$000         | \$000      | Units  | \$000     |
| HARDWARE                               |   |          |             |                                    |           |                |       |               |            |        |           |
| Advanced Sniper Accessory Kit          |   | В        | 60          | 9 1568                             | 3.8       |                |       |               | 3012       | 2 1140 | 2.6       |
| Close Combat Mission Capability Kit    |   | В        | 317         | 0 29808                            | 0.1       | 400            | 8240  | 0.1           |            |        |           |
| Laser Range Finder                     |   | В        | 276         | 3 8771                             | 0.3       |                |       |               | 2000       | 6667   | 0.3       |
| ENGINEERING SUPPORT                    |   |          |             |                                    |           | 746            |       |               |            |        |           |
| PM SUPPORT                             |   |          |             |                                    |           | 100            |       |               |            |        |           |
| FY08 Supplemental                      |   |          |             |                                    |           |                |       |               |            |        |           |
|  |   |          |             |                                    |           |                |       |               |            |        |           |
| Total:                                 |   |          | 1195        | 2                                  |           | 1246           |       |               | 5012       | 2      |           |

| Exhibit P-5a, Budget Procurement  | History and Planning                |                                |  |             |                           |              |                    | ate:<br>1ay 200        | 9                      |                      |
|---|-------------------------------------|--------------------------------|--|-------------|---------------------------|--------------|--------------------|------------------------|------------------------|----------------------|
| Appropriation/Budget Activity/Serial No: Procurement of W&TCV, Army/ 2/ Weapons and other comba | Weapon System Type:                 | P-1 Line Item<br>SMALL ARM     | Nomenclature:<br>IS EQUIPMENT (SOLDIER E | NH PROG) (G | C0076)                    |              |                    |                        |                        |                      |
| WBS Cost Elements:  | Contractor and Location             | Contract<br>Method and<br>Type | Location of PCO                          | Award Date  | Date of First<br>Delivery | QTY<br>Units | Unit Cost<br>\$000 | Specs<br>Avail<br>Now? | Date<br>Revsn<br>Avail | RFP<br>Issue<br>Date |
| Advanced Sniper Accessory Kit   |                                     |                                |  |             |                           |              |                    |                        |                        |                      |
| FY 2008   | TBD<br>TBD                          | Options                        | JM&L LCMC, Picatinny                     | Jan 09      | Apr 09                    | 1568         | 3.8                |                        |                        |                      |
| FY 2010   | TBD<br>TBD                          | Options                        | JM&L LCMC, Picatinny                     | Dec 09      | Jul 10                    | 1140         | 2.6                | Yes                    |                        |                      |
| Close Combat Mission Capability Kit   |                                     |                                |  |             |                           |              |                    |                        |                        |                      |
| FY 2008   | UTM<br>Suffolk, UK                  | Options                        | PEO STRI                                 | Apr 08      | Mar 09                    | 29808        | 0.1                |                        |                        |                      |
| FY 2009   | UTM<br>Suffolk, UK                  | C/FP                           | JM&L LCMC, Picatinny                     | Feb 09      | Mar 09                    | 8240         | 0.1                | Yes                    |                        |                      |
| Laser Range Finder  |                                     |                                |  |             |                           |              |                    |                        |                        |                      |
| FY 2008   | Bushnell Corp.<br>Overland Park, KS | SS/FP                          | JM&L LCMC, Picatinny                     | Jul 08      | Feb 09                    | 8771         | 0.3                |                        |                        |                      |
| FY 2010   | Bushnell Corp.<br>Overland Park, KS | SS/FP                          | JM&L LCMC, Picatinny                     | Dec 09      | Feb 10                    | 6667         | 0.3                | Yes                    |                        |                      |

REMARKS:

|        | FY 08 / 09 BUDGET PRODUCTION SCHEDULE P-1 ITEM NOMENCE |          |             |                |                |             |             |             |             |             |             |             |             |                   |             |             |             |             |             |             |             |             |             |             |             |             |             |             |             |       |
|--------|--|----------|-------------|----------------|----------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------|
|        |  | I        | FY 08       | / 09 BU        | J <b>DGE</b>   | Γ PR(       | )DU(        | CTIO        | N SCI       | HEDU        | JLE         |             |             | P-1 ITEN<br>SMALL |             |             |             | OLDIEI      | R ENH I     | PROG) (     | GC0076      | i)          | Dat         | e:          | May 20      | 009         |             |             |             |       |
|        | C  | OST      | ELEN        | IENTS          | 5              |             |             |             |             |             | Fiscal Y    | Year 08     |             |                   |             |             |             |             |             |             |             |             | Fiscal Y    | ear 09      | )           |             |             |             |             |       |
| M      |  | S<br>E   | PROC<br>QTY | ACCEP<br>PRIOR | BAL<br>DUE     |             |             |             |             |             |             |             |             | Calenda           | r Year (    | )8          |             |             |             |             |             |             |             | Calen       | ıdar Yea    | ar 09       |             |             |             |       |
| F<br>R | FY   | R<br>V   | Units       |                | AS OF<br>1 OCT | O<br>C<br>T | N<br>O<br>V | D<br>E<br>C | J<br>A<br>N | F<br>E<br>B | M<br>A<br>R | A<br>P<br>R | M<br>A<br>Y | J<br>U<br>N       | J<br>U<br>L | A<br>U<br>G | S<br>E<br>P | O<br>C<br>T | N<br>O<br>V | D<br>E<br>C | J<br>A<br>N | F<br>E<br>B | M<br>A<br>R | A<br>P<br>R | M<br>A<br>Y | J<br>U<br>N | J<br>U<br>L | A<br>U<br>G | S<br>E<br>P | Later |
| Adv    | anced S  | niper A  | ccessory    | Kit            |                | 1           | •           |             | 14          | ь           | K           | K           |             | 11                | L           | · ·         | 1           |             | •           | C           | 11          | ь           | K           | K           | 1           | - 19        |             |             |             |       |
| _      | FY 08  | A        | 1568        | 0              | 1568           |             |             |             |             |             |             |             |             |                   |             |             |             |             |             |             | A           |             |             | 100         | 100         | 100         | 100         | 100         | 100         | 968   |
|        | FY 10  | A        | 1140        | 0              | 1140           |             |             |             |             |             |             |             |             |                   |             |             |             |             |             |             |             |             |             |             |             |             |             |             |             | 1140  |
| Clo    | se Comb  | at Miss  | sion Capa   | bility Kit     | 1              |             |             |             |             |             |             |             |             |                   |             |             |             |             |             |             |             |             |             |             |             |             |             |             |             | 1     |
|        | FY 07<br>P   | A        | 6543        | 0              | 6543           |             |             |             |             | A           | 4725        |             | 1818        | 3                 |             |             |             |             |             |             |             |             |             |             |             |             |             |             |             | 0     |
| 1      | FY 08  | A        | 29808       | 0              | 29808          |             |             |             |             |             |             | A           |             |                   |             |             |             |             |             |             |             |             | 29808       |             |             |             |             |             |             | 0     |
| 1      | FY 09  | A        | 8240        | 0              | 8240           |             |             |             |             |             |             |             |             |                   |             |             |             |             |             |             |             | A           | 8240        |             |             |             |             |             |             | 0     |
| Las    | er Range   | Finder   |             |                |                |             |             | •           |             |             | •           |             |             | •                 |             |             |             |             |             | •           |             |             |             | •           |             |             |             |             |             |       |
|        | FY 07<br>P   | A        | 11301       | 0              | 11301          |             |             |             |             |             |             |             |             | A                 |             | 1500        | 1500        | 1000        | 2000        | 2000        | 2000        | 1301        |             |             |             |             |             |             |             | 0     |
| 3      | FY 08  | A        | 8771        | 0              | 8771           |             |             |             |             |             |             |             |             |                   | A           |             |             |             |             |             |             | 699         | 2000        | 2000        | 2000        | 2000        | 72          |             |             | 0     |
| 3      | FY 10  | A        | 6667        | 0              | 6667           |             |             |             |             |             |             |             |             |                   |             |             |             |             |             |             |             |             |             |             |             |             |             |             |             | 6667  |
|        |  |          |             |                |                |             |             |             |             |             |             |             |             |                   |             |             |             |             |             |             |             |             |             |             |             |             |             |             |             |       |
| Tota   | ત્રી   |          |             |                | 74038          |             |             |             |             |             | 4725        |             | 1818        |                   |             | 1500        | 1500        | 1000        | 2000        | 2000        | 2000        | 2000        | 40048       | 2100        | 2100        | 2100        | 172         | 100         | 100         | 8775  |
|        |  |          |             |                |                | O<br>C<br>T | N<br>O<br>V | D<br>E<br>C | J<br>A<br>N | F<br>E<br>B | M<br>A<br>R | A<br>P<br>R | M<br>A<br>Y | J<br>U<br>N       | J<br>U<br>L | A<br>U<br>G | S<br>E<br>P | O<br>C<br>T | N<br>O<br>V | D<br>E<br>C | J<br>A<br>N | F<br>E<br>B | M<br>A<br>R | A<br>P<br>R | M<br>A<br>Y | J<br>U<br>N | J<br>U<br>L | A<br>U<br>G | S<br>E<br>P |       |
|        |  |          |             |                |                |             |             |             |             |             |             |             |             |                   |             |             |             |             |             |             |             |             |             |             |             |             |             |             |             |       |
| M      |  |          |             |                |                |             |             | PRODU       | ICTION I    | RATES       |             |             |             |                   |             | А           | DMIN I      | EAD T       | IME         |             | MFR         |             | TOTA        | AL          | REMA        | .RKS        |             |             |             |       |
| F      |  |          |             |                |                |             |             |             |             |             | Reacl       | ned MI      | FR.         |                   |             | Prio        | or 1 Oct    | After       | r 1 Oct     | Aft         | er 1 Oct    |             | After 1     | Oct         |             |             |             |             |             |       |
| R      |  |          |             | ne - Locati    | ion            |             |             | MIN         | 1-8-5       | MAX         | _           | - 1         | Ini         | tial              |             |             | 1           |             | 2           |             | 8           |             | 10          |             |             |             |             |             |             |       |
|        | UTM,   |          | , UK        |                |                |             |             | 5000        | 360000      | 500000      | )           |             |             | order             |             |             | 1           |             | 2           |             | 8           |             | 10          |             | _           |             |             |             |             |       |
|        | TBD,   |          |             |                |                |             |             | 100         | 1200        | 2680        |             | 2           | -           |                   |             |             | 2           |             | 4           |             | 2           |             | 6           |             | _           |             |             |             |             |       |
| 3      | Bushn  | ell Corp | ., Overla   | nd Park, K     | S              |             |             | 3000        | 24000       | 30000       |             |             |             | order             |             |             | 2           |             | 2           |             | 2           |             | 4           |             | _           |             |             |             |             |       |
|        |  |          |             |                |                |             |             | 3           | -           |             |             |             | 2           |                   | 2           |             | 3           |             | 5           |             | -           |             |             |             |             |             |             |             |             |       |
|        |  |          |             |                |                |             | _           | Ini         | order       |             |             | 2           |             | 2                 |             | 3           |             | 3           |             | 1           |             |             |             |             |             |             |             |             |             |       |
|        |  |          |             |                |                |             | -           | order       |             |             |             |             |             |                   |             |             |             |             | 1           |             |             |             |             |             |             |             |             |             |             |       |
|        |  |          |             |                |                |             | -           | Ini         |             |             | +           |             | 1           |                   |             |             |             |             |             |             |             |             |             |             |             |             |             |             |             |       |
|        |  |          |             |                |                |             |             | order       |             |             |             |             |             |                   |             |             |             |             | 1           |             |             |             |             |             |             |             |             |             |             |       |

|        |            | FY 10 / 11 BUDGET PRODUCTION SCHEDULE  P-1 ITEM NOMENCLA SMALL ARMS EQUIP |             |                |                |             |             |             |             |             |             |             |             |             |             |             |             |             |             |             |             |             |             |             |             |             |             |             |             |                     |
|--------|------------|---|-------------|----------------|----------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|---------------------|
|        |            | I   | FY 10 /     | 11 BU          | DGE            | ΓPRO        | ODUC        | CTIO        | N SCI       | HEDU        | LE          |             |             |             |             |             |             | OLDIEI      | R ENH I     | PROG) (     | GC0076      | )           | Dat         | e:          | May 20      | 009         |             |             |             |                     |
|        | C          | OST   | ELEM        | IENTS          |                |             |             |             |             |             | Fiscal Y    | Year 10     |             |             |             |             |             |             |             |             |             |             | Fiscal Y    | ear 11      |             |             |             |             |             |                     |
| M      |            | S<br>E  | PROC<br>QTY | ACCEP<br>PRIOR | BAL<br>DUE     |             |             |             |             |             |             |             |             | Calenda     | r Year 1    | 0           |             |             |             |             |             |             |             | Calen       | dar Yea     | ır 11       |             |             |             | -                   |
| F<br>R | FY         | R<br>V  | Units       | TO<br>1 OCT    | AS OF<br>1 OCT | O<br>C<br>T | N<br>O<br>V | D<br>E<br>C | J<br>A<br>N | F<br>E<br>B | M<br>A<br>R | A<br>P<br>R | M<br>A<br>Y | J<br>U<br>N | J<br>U<br>L | A<br>U<br>G | S<br>E<br>P | O<br>C<br>T | N<br>O<br>V | D<br>E<br>C | J<br>A<br>N | F<br>E<br>B | M<br>A<br>R | A<br>P<br>R | M<br>A<br>Y | J<br>U<br>N | J<br>U<br>L | A<br>U<br>G | S<br>E<br>P | Later               |
| Ad     | anced S    | Sniper A  | ccessory    | Kit            | 1              |             |             | -           |             |             |             |             |             |             |             | -           | _           |             |             |             |             |             |             |             |             |             |             |             |             | <u> </u>            |
| Ь,     | FY 08      | A   | 1568        | 600            | 968            | 100         | 100         | 100         | 100         | 100         | 100         | 100         | 100         | 100         | 68          |             |             |             |             |             |             |             |             |             |             |             |             | ,           |             | 0                   |
| 2      | FY 10      | A   | 1140        | 0              | 1140           |             |             | A           |             |             |             |             |             |             | 32          | 100         | 100         | 100         | 101         | 101         | 101         | 101         | 101         | 101         | 101         | 101         |             |             |             | 0                   |
| Clo    | se Com     | oat Miss  | sion Capa   | bility Kit     |                |             |             |             |             |             | ı.          |             |             |             |             |             |             |             |             |             |             |             |             |             |             |             | ı           |             |             |                     |
|        | FY 07<br>P | A   | 6543        | 6543           |                |             |             |             |             |             |             |             |             |             |             |             |             |             |             |             |             |             |             |             |             |             |             |             |             | 0                   |
| 1      | FY 08      | A   | 29808       | 29808          |                |             |             |             |             |             |             |             |             |             |             |             |             |             |             |             |             |             |             |             |             |             |             |             |             | 0                   |
| 1      | FY 09      | A   | 8240        | 8240           |                |             |             |             |             |             |             |             |             |             |             |             |             |             |             |             |             |             |             |             |             |             |             |             |             | 0                   |
| Las    | er Rang    | e Finde   | r           |                |                |             |             |             |             |             |             |             |             |             |             |             |             |             |             |             |             |             |             |             |             |             |             | ,           |             |                     |
|        | FY 07<br>P | A   | 11301       | 11301          |                |             |             |             |             |             |             |             |             |             |             |             |             |             |             |             |             |             |             |             |             |             |             |             | 0           |                     |
| 3      | FY 08      | A   | 8771        | 8771           |                |             |             |             |             |             |             |             |             |             |             |             |             |             |             |             |             |             |             |             |             |             |             |             |             | 0                   |
| 3      | FY 10      | A   | 6667        | 0              | 6667           |             |             | A           |             | 600         | 2000        | 2000        | 2000        | 67          |             |             |             |             |             |             |             |             |             |             |             |             |             |             |             | 0                   |
|        |            |   |             |                |                |             |             |             |             |             |             |             |             |             |             |             |             |             |             |             |             |             |             |             |             |             |             |             |             |                     |
| Tot    | al         |   |             |                | 8775           | 100         | 100         | 100         | 100         | 700         | 2100        | 2100        | 2100        | 167         | 100         | 100         | 100         | 100         | 101         | 101         | 101         | 101         | 101         | 101         | 101         | 101         |             |             | <u></u>     |                     |
|        |            |   |             |                |                | O<br>C<br>T | N<br>O<br>V | D<br>E<br>C | J<br>A<br>N | F<br>E<br>B | M<br>A<br>R | A<br>P<br>R | M<br>A<br>Y | J<br>U<br>N | J<br>U<br>L | A<br>U<br>G | S<br>E<br>P | O<br>C<br>T | N<br>O<br>V | D<br>E<br>C | J<br>A<br>N | F<br>E<br>B | M<br>A<br>R | A<br>P<br>R | M<br>A<br>Y | J<br>U<br>N | J<br>U<br>L | A<br>U<br>G | S<br>E<br>P |                     |
|        |            |   |             |                |                |             |             |             |             | •           | 1           |             |             | 1           | •           |             | 1           |             |             |             |             |             |             |             |             |             |             |             |             |                     |
| M      |            |   |             |                |                |             | 1           | PRODU       | CTION I     | RATES       |             |             |             |             |             | A           | DMIN L      | EAD T       | IME         | 1           | MFR         |             | TOTA        | AL          | REMA        |             | FT 700      |             |             |                     |
| F      |            |   |             |                |                |             |             |             |             |             | Reacl       | hed M       | FR          |             |             | Prio        | or 1 Oct    | After       | r 1 Oct     | Aft         | er 1 Oct    |             | After 1     | Oct         |             |             |             |             |             | ding, the funds are |
| R      |            |   |             | ne - Locati    | on             |             |             |             | 1-8-5       | MAX         | D+          | - 1         | Ini         | tial        |             |             | 1           |             | 2           |             | 8           |             | 10          |             | being s     |             | out to a    | void a bi   | eak in      |                     |
| 1      |            | Suffolk   | , UK        |                |                |             |             |             | 360000      | 500000      |             |             |             | order       |             |             | 1           |             | 2           |             | 8           |             | 10          |             | produc      | tion.       |             |             |             |                     |
| 2      |            |   |             |                |                |             |             | 100         | 1200        | 2680        |             |             |             |             |             |             | 2           |             | 4           |             | 2           |             | 6           |             |             |             |             |             |             |                     |
| 3      | Bushn      | ell Corp  | ., Overlai  | nd Park, K     | .S             |             | 3           | 0000        | 24000       | 30000       |             |             |             | order       |             |             | 2           |             | 2           |             | 2           |             | 4           |             |             |             |             |             |             |                     |
|        |            |   |             |                |                |             |             | 3           |             |             |             |             | 2           |             | 2           |             | 3           |             | 5           |             |             |             |             |             |             |             |             |             |             |                     |
|        |            |   |             |                |                |             |             |             |             | order       |             | -           | 2           | -           | 2           |             | 3           |             | 5           |             | -           |             |             |             |             |             |             |             |             |                     |
|        |            |   |             |                |                |             |             |             | Ini         |             |             |             |             |             |             |             |             |             |             |             | 1           |             |             |             |             |             |             |             |             |                     |
|        |            |   |             |                |                |             |             |             | Ini         | order       |             |             |             | 1           |             |             |             |             |             |             | -           |             |             |             |             |             |             |             |             |                     |
|        |            |   |             |                |                |             |             |             |             |             | -           | order       |             | -           |             |             |             |             |             |             |             |             | 1           |             |             |             |             |             |             |                     |

| Exhibit P-40, Budget Item J   | Justification She | et    |              |                              |                               | Date:       | y 2009     |
|---|-------------------|-------|--------------|------------------------------|-------------------------------|-------------|------------|
| Appropriation / Budget Activity / Seria<br>Procurement of W&TCV, Army / 2 / V |                   | icles |              | P-1 Item Nomencl<br>M14 7.62 | lature<br>RIFLE MODS (GZ2801) |             | y ====     |
| Program Elements for Code B Items:  | Coo               | le:   | Other Relate | ed Program Elements:         |                               |             |            |
|   | Prior Years       | ]     | FY 2008      | FY 2009                      | FY 2010                       | To Complete | Total Prog |
| Proc Qty  |                   |       |              |                              |                               |             |            |
| Gross Cost  | 1.1               | .0    |              |                              | 5.8                           |             | 16.8       |
| Less PY Adv Proc  |                   |       |              |                              |                               |             |            |
| Plus CY Adv Proc  |                   |       |              |                              |                               |             |            |
| Net Proc P1   | 1.1               | .0    |              |                              | 5.8                           |             | 16.8       |
| Initial Spares  |                   |       |              |                              |                               |             |            |
| Total Proc Cost   | 1.1               | .0    |              |                              | 5.8                           |             | 16.8       |
| Flyaway U/C   |                   |       |              |                              |                               |             |            |
| Weapon System Proc U/C  |                   |       |              |                              |                               |             |            |

The M14 Rifle Modification Program provides a modified M14 Rifle with items that enhance the Soldier's target engagement. These items include Combat Optics, Laser Filter Unit Kits, Cleaning Kits, Bipods, Mark 4 Sights, Improved Buttstocks and other ancillary items that support the M14 Enhanced Battle Rifle (EBR). The M14 EBR provides units with a weapon system to engage targets to 800 meters.

### Justification:

FY10 Overseas Contingency Operations (OCO) procurement dollars in the amount of \$5.800 million supports the Army by purchasing the Enhanced Battle Rifle Kits which include a Combat Optic, Laser Filter Unit Kit, Cleaning Kit, Bipod, Mark 4 Sight, Improved Buttstock and other ancillary items that supports the M14 Enhanced Battle Rifle (EBR). The M14 EBR provides units with a weapon system to engage targets to 800 meters. This system will aid the Squad Designated Marksmen and Snipers within a unit to fill voids in the current equipping strategy and provides the Commander with additional capability. This weapon system allows for the engagement of enemy targets to 800 meters which is beyond the capability of the M4/M16 family of weapons. The M14 EBR provides the unit with a modified M14 Rifle utilizing several low cost items to increase lethality and survivability.

| I, Budget Item Justifi           | ication Sheet   |  |   |  |  | Date:<br>May 2009  | )   |   |
|----------------------------------|---|--|---|--|--|--|---|---|
| activity / Serial No:            |   |  | P-1 Item Nomenclatu   | re   |  |  |   |   |
| of W&TCV, Army / 2 / Weapons and | other combat vehicles   |  | M14 7.6   | 2 RIFLE MOD  | S (GZ2801)   |  |   |   |
| de B Items:                      | Code:   | Other Related Program  | Elements:   |  |  |  |   |   |
|                                  | Fiscal Years  |  |   |  |  |  |   |   |
| Classification                   | 2008 & PR   | FY 2   | 2009  | FY 20  | 010  | TC   |   | Total   |
|                                  | ·   |  |   |  |  |  |   |   |
| Operational                      | 11.0  |  | 0.0   |  | 5.8  | (  | 0.0   | 16.8  |
|                                  | 11.0  |  | 0.0   |  | 5.8  | (  | 0.0   | 16.8  |
|                                  | ctivity / Serial No:  of W&TCV, Army / 2 / Weapons and ode B Items:  Classification | cof W&TCV, Army / 2 / Weapons and other combat vehicles  de B Items:  Fiscal Years  Classification 2008 & PR  Operational 11.0 | cativity / Serial No: a of W&TCV, Army / 2 / Weapons and other combat vehicles bde B Items:  Fiscal Years  Classification  2008 & PR  FY 2  Operational | Classification 2008 & PR FY 2009  Operational 11.0 0.0 | Classification 2008 & PR FY 2009 FY 2009  Operational 11.0 0.0 | Code:  Fiscal Years  Classification  Operational  P-1 Item Nomenclature M14 7.62 RIFLE MODS (GZ2801)  P-2 Item Nomenclature M14 7.62 RIFLE MODS (GZ2801)  P-3 Item Nomenclature M14 7.62 RIFLE MODS (GZ2801)  P-3 Item Nomenclature M14 7.62 RIFLE MODS (GZ2801)  P-3 Item Nomenclature M14 7.62 RIFLE MODS (GZ2801)  P-3 Item Nomenclature M14 7.62 RIFLE MODS (GZ2801)  Dode:  Dode | A, Budget Item Justification Sheet    Code: | A, Budget Item Justification Sheet  activity / Serial No: |

|   |           |          |          |            | IND      | IVIDUA   | L MODI   | FICA    | TION    |        |        |       |        |         |         |        |       | I       | Date:     | May 20  | 09        |         |         |         |
|---|-----------|----------|----------|------------|----------|----------|----------|---------|---------|--------|--------|-------|--------|---------|---------|--------|-------|---------|-----------|---------|-----------|---------|---------|---------|
| MODIFICATION T                                    | TITLE: EB | R Kit [M | OD 1] TB | D          |          |          |          |         |         |        |        |       |        |         |         |        |       |         |           |         |           |         |         |         |
| MODELS OF SYS                                     | ΓEM AFFE  | ECTED:   |          |            |          |          |          |         |         |        |        |       |        |         |         |        |       |         |           |         |           |         |         |         |
| DESCRIPTION / JU<br>The M14 Enhan<br>M14 Enhanced | ced Batt  | le Rifle |          | es a Com   | bat Opt  | ic, Lase | r Filter | Unit    | Kit, Cl | eaning | g Kit, | Bipod | , Marl | k 4 Si  | ght, In | nprove | ed Bu | ittstoc | k and ot  | her and | illary it | ems tha | at supp | ort the |
| DEVELOPMENT S<br>First Unit Equip                 |           |          | DEVELO   | PMENT M    | IILESTO! | NE(S):   |          |         |         |        |        |       |        |         |         |        |       |         |           |         |           |         |         |         |
| Installation Schedul                              | e         |          |          |            |          |          |          |         |         |        |        |       |        |         |         |        |       |         |           |         |           |         |         |         |
|   | ]         | Pr Yr    |          | F          | Y 2009   |          |          | FY 2010 |         |        |        |       |        | FY 2011 |         |        |       | FY      | 2012      |         | FY 2013   |         |         |         |
|   | 7         | Γotals   | 1        | 2          | 3        | 4        | 1        | 2       | 3       | 4      | 4      | 1     | 2      | 3       | 4       | 1      | 1     | 2       | 3         | 4       | 1         | 2       | 3       | 4       |
| Inputs  |           |          |          |            |          |          |          |         |         |        |        |       |        |         |         |        |       |         |           |         |           |         |         |         |
| Outputs   |           |          |          |            |          |          |          |         |         |        |        |       |        |         |         |        |       |         |           |         |           |         |         |         |
|   |           | FY 2     | 2014     |            |          | FY 201:  | 5        |         |         | FY     | 2016   |       |        |         | FY 2    | 2017   |       |         |           |         | То        |         |         | Total   |
|   | 1         | 2        | 3        | 4          | 1        | 2        | 3        | 4       | 1       | 2      | 3      | 4     |        | 1       | 2       | 3      | 4     |         |           | Co      | mplete    |         |         |         |
| Inputs  |           |          |          |            |          |          |          |         |         |        |        |       |        |         |         |        |       |         |           |         |           | -       |         |         |
| Outputs   |           |          |          |            |          |          |          |         |         |        |        |       |        |         |         |        |       |         |           |         |           |         |         |         |
| METHOD OF IMP                                     | LEMENTA   | ATION:   | TAC      | COM, Rock  | AI       | OMINIST  | RATIVE   | LEAI    | OTIME:  |        | 3 mor  | nths  | •      | Ī       | PRODU   | CTION  | LEAI  | OTIME:  | 3 moi     | nths    | •         |         |         |         |
| Contract Dates:                                   |           |          | FY 2     | 2010 - Jan | 10       |          |          |         |         |        | FY 20  | )11 - |        |         |         |        |       | I       | FY 2012 - |         |           |         |         |         |

FY 2011 -

FY 2012 -

Contract Dates:

Delivery Dates:

FY 2010 - Apr 10

### Date: May 2009 INDIVIDUAL MODIFICATION MODIFICATION TITLE (cont): EBR Kit [MOD 1] TBD FINANCIAL PLAN: (\$ in Millions) FY 2008 and Prior 2009 TC 2010 Total \$ \$ \$ \$ Qty Qty Qty Qty \$ Qty RDT&E Procurement 3925 1075 5000 Hardware 11.0 5.8 16.8 Installation of Hardware FY 2008 & Prior Equip -- Kits FY 2009 -- Kits FY 2010 Equip -- Kits FY 2011 Equip -- Kits FY 2012 Equip -- Kits FY 2013 Equip -- Kits FY 2014 Equip -- Kits FY 2015 Equip -- Kits TC Equip- Kits Total Installment 0.0 0.0 0.0 0.0 0 0.0 0.0 5.8 0.0 11.0 16.8 Total Procurement Cost