

# DEPARTMENT OF THE ARMY

## Procurement Programs



Committee Staff Procurement Backup Book  
Fiscal Year (FY) 2008/2009 Budget Estimates

**OTHER PROCUREMENT, ARMY**  
**Tactical and Support Vehicles**  
Budget Activity 1  
APPROPRIATION

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February 2007

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## Exhibit P-1M, Procurement Programs - Modification Summary

<u>System/Modification</u>	<u>2006 &amp; Prior</u>	<u>2007</u>	<u>2008</u>	<u>2009</u>	<u>2010</u>	<u>2011</u>	<u>2012</u>	<u>2013</u>	<u>To Complete</u>	<u>Total Program</u>
<b>MODIFICATION OF IN SVC EQUIP (DA0924)</b>										
HMMWV 3-PT Seatbelt	42.3	0.5								42.8
M939 Tire Improvement	51.0									51.0
M939 Anti-Lock Brake System (ABS)	59.7	2.1	4.4	4.5	4.7					75.4
HEMTT Wheel Modification	121.4		1.6	1.0						124.0
A8020 Fuel Injection Test Stand Upgrade	7.0									7.0
Aluminum Mesh Liner	11.0									11.0
M872 Modification Hardware	14.8									14.8
HEMTT/PLS 4-Point Seatbelt	1.3									1.3
PLS Trailer Wheel Modification	3.5									3.5
HMMWV 3PT Seatbelts-M996 Mini Ambulance	0.2									0.2
HMMWV 3PT Seatbelts-M997 Maxi Ambulance	0.8									0.8
Light Tactical Trailer MWOs	5.2									5.2
HMMWV Maxi-Ambulance A/C Upgrade	2.0									2.0
Fuel Tank Insertion Safety Foam	1.4									1.4
M915 FOV Electrical Upgrade	3.3									3.3
Roll Stability			2.5	2.5	3.1	9.1	12.0	10.3		39.5
HMMWV Rear Differnetial Oil Cooler	5.6									5.6
Construction Equipment Armor Kits	62.0									62.0
HMMWV Enhanced GPK		86.0								86.0
Heavy Truck Armor Kits	459.6									459.6
Fuel Tanker Armor Kits	80.5									80.5
Tactical Vehicles Safety Enhancements	254.7									254.7
Collision Avoidance			2.4	2.5	3.0	1.8	2.7	4.3		16.7
HMMWV FRAG Kit #5 (Door)	50.0	128.0								178.0
HMMWV Armor Kits	383.2									383.2
Medium Truck Armor Kits	637.2									637.2
HMMWV ECM Conversion	0.8									0.8
Tactical Vehicle Armor Installation	204.1									204.1
Driver Vision Enhancement Systems			6.3	6.4	6.4	6.4	11.4			36.9
Air Conditioning			3.0	3.0	3.0	3.0	5.4			17.4
Vehicle Computer System			3.0	3.0	3.0	3.0	5.4			17.4
Vehicle Intercrew Communications			9.5	9.6	9.4	9.5	17.2			55.2

## Exhibit P-1M, Procurement Programs - Modification Summary

<u>System/Modification</u>	<u>2006 &amp; Prior</u>	<u>2007</u>	<u>2008</u>	<u>2009</u>	<u>2010</u>	<u>2011</u>	<u>2012</u>	<u>2013</u>	<u>To Complete</u>	<u>Total Program</u>
<b>Total</b>	<b>2462.6</b>	<b>216.6</b>	<b>32.7</b>	<b>32.5</b>	<b>32.6</b>	<b>32.8</b>	<b>54.1</b>	<b>14.6</b>		<b>2878.5</b>
<b>Grand Total</b>	<b>2462.6</b>	<b>216.6</b>	<b>32.7</b>	<b>32.5</b>	<b>32.6</b>	<b>32.8</b>	<b>54.1</b>	<b>14.6</b>		<b>2878.5</b>

**Exhibit P-40, Budget Item Justification Sheet**

Date: February 2007

Appropriation / Budget Activity / Serial No:  
Other Procurement, Army / 1 / Tactical and support vehicles

P-1 Item Nomenclature  
TACTICAL TRAILERS/DOLLY SETS (DA0100)

Program Elements for Code B Items:

Code:  
A

Other Related Program Elements:

	Prior Years	FY 2006	FY 2007	FY 2008	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	To Complete	Total Prog
Proc Qty	8948	2611	5469	4320	3935	3045	2862	3855	50		35095
Gross Cost	157.6	45.2	81.9	57.1	52.3	40.0	37.8	56.9	2.4		531.0
Less PY Adv Proc											
Plus CY Adv Proc											
Net Proc P1	157.6	45.2	81.9	57.1	52.3	40.0	37.8	56.9	2.4		531.0
Initial Spares											
Total Proc Cost	157.6	45.2	81.9	57.1	52.3	40.0	37.8	56.9	2.4		531.0
Flyaway U/C											
Weapon System Proc U/C	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		0.2

**Description:**

Tactical trailers and dolly sets are used to transport generators, shelters, drinking water, ammunition, and general cargo. This budget line funds the Light Tactical Trailer (LTT) and the Heavy Expanded Mobility Ammunition Trailer (HEMAT). The prime movers for these trailers range from the High Mobility Multi-Purpose Wheeled Vehicle (HMMWV) to the 10-Ton M977 Series Heavy Expanded Mobility Tactical Truck (HEMTT).

**Justification:**

FY08/09 procures 4,320 and 3,935 LTT's respectively. The LTT is needed to support the Global War on Terrorism and to fulfill modularity requirements throughout the Army's force structure. The FY08/09 procurement provides equipment to deploying units, newly formed Brigade Combat teams (BCT), force re-generation and includes fielding to Army National Guard and Reserve units. The LTT is also required for Data Interchange program development and fielding of critical Combat Support and Combat Service Support Systems.

FY06/07 totals include supplemental funding of \$22,000 million and \$56,800 million respectively, to support the global war on terrorism (GWOT).

<b>Exhibit P-5, Weapon OPA1 Cost Analysis</b>		Appropriation/Budget Activity/Serial No: Other Procurement, Army / 1 / Tactical and support vehicles			P-1 Line Item Nomenclature: TACTICAL TRAILERS/DOLLY SETS (DA0100)			Weapon System Type:			Date: February 2007			
<b>OPA1 Cost Elements</b>		ID	<b>FY 06</b>			<b>FY 07</b>			<b>FY 08</b>			<b>FY 09</b>		
		CD	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost
			\$000	Units	\$000	\$000	Units	\$000	\$000	Units	\$000	\$000	Units	\$000
HEAVY, EXPANDED MOBILITY (D05700)		A	19850	237	84	25240	319	79						
LIGHT TACTICAL TRAILER (D06700)		A	25385	2374	11	56620	5150	11	57053	4320	13	52251	3935	13
<b>Total:</b>			<b>45235</b>			<b>81860</b>			<b>57053</b>			<b>52251</b>		

**Exhibit P-40, Budget Item Justification Sheet**

Date: February 2007

Appropriation / Budget Activity / Serial No:  
Other Procurement, Army / 1 / Tactical and support vehicles

P-1 Item Nomenclature  
TRAILER, HEAVY, EXPANDED MOBILITY (D05700)

Program Elements for Code B Items:

Code:  
A

Other Related Program Elements:

	Prior Years	FY 2006	FY 2007	FY 2008	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	To Complete	Total Prog
Proc Qty	2241	237	319					79			2876
Gross Cost	89.9	19.9	25.2					6.4			141.3
Less PY Adv Proc											
Plus CY Adv Proc											
Net Proc P1	89.9	19.9	25.2					6.4			141.3
Initial Spares											
Total Proc Cost	89.9	19.9	25.2					6.4			141.3
Flyaway U/C											
Weapon System Proc U/C	0.0	0.1	0.1					0.1			0.3

**Description:**

The Heavy Expanded Mobility Ammunition Trailer (HEMAT) is an 11-Ton, 4-wheel, "wagon-configuration" trailer specifically designed for operation in rough terrain. The HEMAT provides tactical ammunition and fuel resupply for Army combat vehicles (general ammunition pallets), missile systems (Multiple Launch Rocket System), rotary-wing aircraft (Hellfire Missiles), and 500 gallon fuel (bladders). The designated prime mover for HEMAT is the M977 Series Heavy Expanded-Mobility Tactical Truck (HEMTT). The trailer is strategically transportable by C-130 through C-5 airframes, marine and amphibious vessels, and rail. It is designated for bulk cargo and the MLRS.



<b>Exhibit P-5, Weapon OPA1 Cost Analysis</b>		Appropriation/Budget Activity/Serial No: Other Procurement, Army / 1 / Tactical and support vehicles			P-1 Line Item Nomenclature: TRAILER, HEAVY, EXPANDED MOBILITY (D05700)			Weapon System Type:			Date: February 2007			
<b>OPA1 Cost Elements</b>		ID	<b>FY 06</b>			<b>FY 07</b>			<b>FY 08</b>			<b>FY 09</b>		
		CD	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost
			\$000	Each	\$000	\$000	Each	\$000	\$000	Each	\$000	\$000	Each	\$000
HEMAT Trailer Hardware with FRET			16458	237	69	22152	319	69						
<b>SubTotal</b>			<b>16458</b>			<b>22152</b>								
ECP			741			332								
System Fielding Support			1451			147								
PM Support						2609								
<b>Sub Total</b>			<b>2192</b>			<b>3088</b>								
SLOT			1200	11	109									
<b>Total:</b>			<b>19850</b>			<b>25240</b>								

## Exhibit P-5a, Budget Procurement History and Planning

Date:  
February 2007

Appropriation/Budget Activity/Serial No: Other Procurement, Army/ 1/ Tactical and support vehicles	Weapon System Type:	P-1 Line Item Nomenclature: TRAILER, HEAVY, EXPANDED MOBILITY (D05700)								
WBS Cost Elements:	Contractor and Location	Contract Method and Type	Location of PCO	Award Date	Date of First Delivery	QTY Each	Unit Cost \$000	Specs Avail Now?	Date Revsn Avail	RFP Issue Date
<b>HEMAT Trailer Hardware with FRET</b>										
FY 2006	DRS Technologies St. Louis, MO	FFP/IDIQ5	TACOM, Warren, MI	Mar 06	Aug 06	237	69	Yes	N/A	N/A
FY 2007	DRS Technologies St. Louis, MO	FFP/IDIQ5	TACOM, Warren, MI	Nov 06	Dec 07	319	69	Yes	N/A	N/A

REMARKS:

<b>FY 07 / 08 BUDGET PRODUCTION SCHEDULE</b>														P-1 ITEM NOMENCLATURE TRAILER, HEAVY, EXPANDED MOBILITY (D05700)										Date: February 2007	
--	--	--	--	--	--	--	--	--	--	--	--	--	--	---	--	--	--	--	--	--	--	--	--	------------------------	--

<b>COST ELEMENTS</b>						<b>Fiscal Year 07</b>												<b>Fiscal Year 08</b>												Later
MFR	FY	S E R V	PROC QTY Units	ACCEP PRIOR TO 1 OCT	BAL DUE AS OF 1 OCT	<b>Calendar Year 07</b>												<b>Calendar Year 08</b>												
						O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	
HEMAT Trailer Hardware with FRET																														
1	FY 06	A	237	0	237				36	40	40				22	13	15	12	13	10	10	10	16					0		
1	FY 07	A	319	0	319		A					40	40	23	18	27	25	28	27	30	30	30	1					0		
Total			556		556				36	40	40	40	40	23	18	27	25	28	27	30	30	30	1							

MFR	Name - Location	PRODUCTION RATES			Reached D+	MFR	ADMIN LEAD TIME		MFR After 1 Oct	TOTAL After 1 Oct	REMARKS
		MIN	1-8-5	MAX			Prior 1 Oct	After 1 Oct			
1	DRS Technologies, St. Louis, MO	1	5	40	12	1	0	3	5	8	

**Exhibit P-40, Budget Item Justification Sheet**

Date: February 2007

Appropriation / Budget Activity / Serial No:  
Other Procurement, Army / 1 / Tactical and support vehicles

P-1 Item Nomenclature  
LIGHT TACTICAL TRAILER (D06700)

Program Elements for Code B Items:

Code:  
A

Other Related Program Elements:

	Prior Years	FY 2006	FY 2007	FY 2008	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	To Complete	Total Prog
Proc Qty	6878	2374	5150	4320	3935	3045	2862	3855	50		32469
Gross Cost	79.9	25.4	56.6	57.1	52.3	40.0	37.8	50.5	2.4		401.9
Less PY Adv Proc											
Plus CY Adv Proc											
Net Proc P1	79.9	25.4	56.6	57.1	52.3	40.0	37.8	50.5	2.4		401.9
Initial Spares											
Total Proc Cost	79.9	25.4	56.6	57.1	52.3	40.0	37.8	50.5	2.4		401.9
Flyaway U/C											
Weapon System Proc U/C	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		0.1

**Description:**

The Light Tactical Trailer (LTT) is the companion trailer for the High Mobility Multi-Purpose Wheeled Vehicle (HMMWV). The LTT is compatible with both the light and heavy HMMWV. The LTT family of trailers (light, heavy, and heavy chassis) maximize the HMMWV's cargo carrying capabilities throughout the HMMWV's mission profile. The LTT, when coupled with the HMMWV, provides a force multiplier by increasing load bearing capability without increasing the logistics footprint. The LTT is used throughout the Army force structure and Department of Defense. It will eventually replace overage and over-mileage M101 series trailers. The LTT is used in conjunction with the HMMWV as a system platform for over 30 Army programs including weapon, communication and intelligence systems. These include the Joint Surveillance Target Attack Radar Systems, Trojan Spirit, Integrated System Control, Explosive Ordnance Disposal, Joint Tactical Unmanned Aerial Vehicle, Robotic Sensors, PM Mortars, and Joint Network Node.

**Justification:**

FY08/09 procures 4,320 and 3,935 LTTs respectively. The LTT is needed to support the Global War on Terrorism and to fulfill modularity requirements throughout the Army's force structure. The FY 08/09 procurement provides equipment to deploying units, newly formed Brigade Combat teams (BCT), force re-generation and includes fielding to Army National Guard and Reserve units. The LTT is also required for Data Interchange program development and fielding of critical Combat Support and Combat Service Support Systems. LTT's will also be supplied to integrating project managers to support meeting their critical milestones in equipping SBCT (7) and BCT modularization.

<b>Exhibit P-5, Weapon OPA1 Cost Analysis</b>		Appropriation/Budget Activity/Serial No: Other Procurement, Army / 1 / Tactical and support vehicles			P-1 Line Item Nomenclature: LIGHT TACTICAL TRAILER (D06700)			Weapon System Type:			Date: February 2007			
<b>OPA1 Cost Elements</b>		ID	<b>FY 06</b>			<b>FY 07</b>			<b>FY 08</b>			<b>FY 09</b>		
		CD	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost
			\$000	Units	\$000	\$000	Units	\$000	\$000	Units	\$000	\$000	Units	\$000
LTT Trailer Hardware			18878	2374	8	43208	5150	8	44130	4320	10	40197	3935	10
Engineering Changes			311			288			662			603		
Government Testing			200			200			300			300		
Engineering Support - In-House			230			115			120			120		
Documentation			15			40			40			40		
Fielding Support			2438			10591			9009			8243		
PM Support - Government			3313			1728			2792			2748		
Storage						450								
<b>Total:</b>			<b>25385</b>			<b>56620</b>			<b>57053</b>			<b>52251</b>		

## Exhibit P-5a, Budget Procurement History and Planning

Date:  
February 2007

Appropriation/Budget Activity/Serial No: Other Procurement, Army/ 1/ Tactical and support vehicles	Weapon System Type:	P-1 Line Item Nomenclature: LIGHT TACTICAL TRAILER (D06700)								
WBS Cost Elements:	Contractor and Location	Contract Method and Type	Location of PCO	Award Date	Date of First Delivery	QTY Units	Unit Cost \$000	Specs Avail Now?	Date Revsn Avail	RFP Issue Date
<b>LTT Trailer Hardware</b>										
FY 2006	Silver Eagle Mfg. Co. Portland, OR	C/REQ5(3)	TACOM, Warren, MI	Feb 06	May 06	1141	8	Yes	Sep 03	Oct 03
FY 2006	Silver Eagle Mfg. Co. Portland, OR	C/REQ5(4)	TACOM, Warren, MI	Nov 06	Jan 07	1233	8	Yes	Sep 03	Oct 03
FY 2007	Silver Eagle Mfg. Co. Portland, OR	C/REQ5(4)	TACOM, Warren, MI	Nov 06	Jan 07	5150	8	Yes	Sep 03	Oct 03
FY 2008	TBS	C/REQTS	TACOM, Warren, MI	Dec 07	Feb 08	4320	10	Yes	Sep 03	Mar 07
FY 2009	TBS	C/REQTS	TACOM, Warren, MI	Dec 08	Feb 09	3935	10	Yes	Sep 03	Mar 07

REMARKS: It is currently projected that the maximum quantities under the current requirements contract will be produced by the 4th year.

<b>FY 06 / 07 BUDGET PRODUCTION SCHEDULE</b>	P-1 ITEM NOMENCLATURE LIGHT TACTICAL TRAILER (D06700)	Date: February 2007
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COST ELEMENTS						Fiscal Year 06													Fiscal Year 07													Later			
M F R	FY	S E R V	PROC QTY Units	ACCEP PRIOR TO 1 OCT	BAL DUE AS OF 1 OCT	Calendar Year 06													Calendar Year 07																
						O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P						
Hardware																																			
1	FY 06	A	1141	0	1141																														0
1	FY 06	A	1233	0	1233																														253
1	FY 07	A	5150	0	5150																														1505
2	FY 08	A	4320	0	4320																														4320
2	FY 09	A	3935	0	3935																														3935
Total																																			
			15779		15779																														10013

M F R	Name - Location	PRODUCTION RATES				Reached D+	MFR	ADMIN LEAD TIME		MFR After 1 Oct	TOTAL After 1 Oct	REMARKS
		MIN	1-8-5	MAX	1			2				
1	Silver Eagle Mfg. Co., Portland, OR	100	400	600	6	1	Initial	0	1	2	3	
							Reorder	0	1	2	3	
2	TBS, TBS	80	200	400	6	2	Initial	0	2	2	4	
							Reorder	0	2	2	4	
							Initial					
							Reorder					
							Initial					
							Reorder					
							Initial					
							Reorder					

<b>FY 08 / 09 BUDGET PRODUCTION SCHEDULE</b>	P-1 ITEM NOMENCLATURE LIGHT TACTICAL TRAILER (D06700)	Date: February 2007
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COST ELEMENTS						Fiscal Year 08														Fiscal Year 09														Later
M F R	FY	S E R V	PROC QTY Units	ACCEP PRIOR TO 1 OCT	BAL DUE AS OF 1 OCT	Calendar Year 08														Calendar Year 09														
						O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P					

Hardware																													
1	FY 06	A	1141	1141																								0	
1	FY 06	A	1233	980	253	95	95	63																				0	
1	FY 07	A	5150	3645	1505	505	500	500																				0	
2	FY 08	A	4320	0	4320			A	360	360	360	360	360	360	360	360	360	360	360	360								0	
2	FY 09	A	3935	0	3935														A		327	327	327	327	327	327	327	1318	
Total			15779	5766	10013	600	595	563	360	360	360	360	360	360	360	360	360	360	360	360	327	327	327	327	327	327	327	1318	
						O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P

M F R	Name - Location	PRODUCTION RATES				Reached D+	MFR	ADMIN LEAD TIME		MFR After 1 Oct	TOTAL After 1 Oct	REMARKS	
		MIN	1-8-5	MAX	1			2	Prior 1 Oct				After 1 Oct
									Initial				Reorder
1	Silver Eagle Mfg. Co., Portland, OR	100	400	600	6	1	0	1	2	3			
2	TBS, TBS	80	200	400	6	2	0	2	2	4			
							0	2	2	4			
							Initial						
							Reorder						
							Initial						
							Reorder						
							Initial						
							Reorder						



<b>FY 10 / 11 BUDGET PRODUCTION SCHEDULE</b>	P-1 ITEM NOMENCLATURE LIGHT TACTICAL TRAILER (D06700)	Date: February 2007
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COST ELEMENTS					Fiscal Year 10													Fiscal Year 11													Later	
M F R	FY	S E R V	PROC QTY Units	ACCEP PRIOR TO 1 OCT	BAL DUE AS OF 1 OCT	Calendar Year 10													Calendar Year 11													
						O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P			
Hardware																																
1	FY 06	A	1141	1141																									0			
1	FY 06	A	1233	1233																									0			
1	FY 07	A	5150	5150																									0			
2	FY 08	A	4320	4320																									0			
2	FY 09	A	3935	2617	1318	330	330	330	328																				0			
Total						15779	14461	1318	330	330	330	328																				
					O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P				

M F R	Name - Location	PRODUCTION RATES				Reached D+	MFR	ADMIN LEAD TIME		MFR After 1 Oct	TOTAL After 1 Oct	REMARKS	
		MIN	1-8-5	MAX	1			2	Prior 1 Oct				After 1 Oct
									Initial				Reorder
1	Silver Eagle Mfg. Co., Portland, OR	100	400	600	6	1	0	1	2	3			
2	TBS, TBS	80	200	400	6	2	0	2	2	4			
							0	2	2	4			

**Exhibit P-40, Budget Item Justification Sheet**

Date: February 2007

Appropriation / Budget Activity / Serial No:  
Other Procurement, Army / 1 / Tactical and support vehicles

P-1 Item Nomenclature  
Semitrailers, Flatbed: (D01001)

Program Elements for Code B Items:

Code:  
A

Other Related Program Elements:

	Prior Years	FY 2006	FY 2007	FY 2008	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	To Complete	Total Prog
Proc Qty	20342	100	1630	97	117	57		20			22363
Gross Cost	400.0	5.7	96.7	6.1	7.5	3.8		1.4			521.1
Less PY Adv Proc											
Plus CY Adv Proc											
Net Proc P1	400.0	5.7	96.7	6.1	7.5	3.8		1.4			521.1
Initial Spares											
Total Proc Cost	400.0	5.7	96.7	6.1	7.5	3.8		1.4			521.1
Flyaway U/C											
Weapon System Proc U/C	0.1	0.1	0.1	0.1	0.1	0.1		0.1			0.5

**Description:**

1. The M870A3 semitrailer lowbed is a 40-ton hydraulic detachable system capable of handling payloads up to 80,000 pounds on primary, secondary, and trail profiles. The semitrailer is a 45-foot long, 102-inch wide multi-axle state-of-the-art trailer with vehicle front end loading capability, dual 12/24 volt electrical system including light emitting diode (LED) lights and 12-inch extensions to expand the trailer width to 126 inches. The semitrailer is connected to its prime movers via either a 2 or 3.5-inch king pin assembly. Prime mover is the M915 line haul tractor.
2. The M871A3 semitrailer is a 22 1/2-ton drop deck/break bulk (DD/BB) container transporter. It is a tactical, dual purpose, bulk, and container transporter. It transports 20 foot International Organization for Standardization (ISO) Containers on line haul missions and is the primary means of distributing containers and bulk cargo.
3. The M872A4 semitrailer is a 34-ton, dual purpose, break bulk/container transporter. The semitrailer has a maximum rated payload of 68,000 pounds and is capable of a daily operating range of at least 300 miles at sustained speeds of 50-60 miles per hour.

**Justification:**

FY08/09 procures a total of 214 M872A4 semitrailers. Procurement of M872A4s supports modularity conversion requirements and new unit activations and improves the overall operational readiness rate of the M800 series fleet.

FY07 total includes supplemental funding of \$87.000 million to support the global war on terrorism (GWOT).

Exhibit P-5, Weapon OPA1 Cost Analysis	Appropriation/Budget Activity/Serial No: Other Procurement, Army / 1 / Tactical and support vehicles			P-1 Line Item Nomenclature: Semitrailers, Flatbed: (D01001)			Weapon System Type:			Date: February 2007			
OPA1 Cost Elements	ID	FY 06			FY 07			FY 08			FY 09		
	CD	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost
		\$000	Units	\$000	\$000	Units	\$000	\$000	Units	\$000	\$000	Units	\$000
Semitrl LB 40T M870A1/A3 (D00700)		485											
Semitrl FB BB 22 1/2T M871A3 (D01500)		5289	91	58	7920	189	42						
Semitrl FB BB/Cont 34T M872A4 (D01600)		1378	10	138	20613	358	58	6100	97	63	7486	117	64
<b>Total:</b>		<b>7152</b>			<b>28533</b>			<b>6100</b>			<b>7486</b>		

**Exhibit P-40, Budget Item Justification Sheet**

Date: February 2007

Appropriation / Budget Activity / Serial No:  
Other Procurement, Army / 1 / Tactical and support vehicles

P-1 Item Nomenclature  
SEMITRAILER LB 40T M870A1 (CCE) (D00700)

Program Elements for Code B Items:

Code:  
A

Other Related Program Elements:

	Prior Years	FY 2006	FY 2007	FY 2008	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	To Complete	Total Prog
Proc Qty	2062		104								2166
Gross Cost	49.5	0.5	9.7								59.7
Less PY Adv Proc											
Plus CY Adv Proc											
Net Proc P1	49.5	0.5	9.7								59.7
Initial Spares											
Total Proc Cost	49.5	0.5	9.7								59.7
Flyaway U/C											
Weapon System Proc U/C	0.0		0.1								0.1

**Description:**

The M870A3 semitrailer lowbed is a 40-ton hydraulic detachable system capable of handling payloads up to 80,000 pounds on primary, secondary, and trail profiles. The semitrailer is a 45-foot long, 102-inch wide, multi-axle, state-of-the-art trailer with vehicle front end loading capability, dual 12/24 volt electrical system including light emitting diode (LED) lights, and 12-inch extensions to expand the trailer width to 126 inches. The semitrailer is connected to its prime movers via either a 2 or 3.5-inch king pin assembly. The primary mission of the M870A3 is to transport engineering equipment, as well as pavers, compactors, the Hydraulic Excavator (HYEX), and dozers. The prime mover is the M915 series tractors.

<b>Exhibit P-5, Weapon OPA1 Cost Analysis</b>		Appropriation/Budget Activity/Serial No: Other Procurement, Army / 1 / Tactical and support vehicles			P-1 Line Item Nomenclature: SEMITRAILER LB 40T M870A1 (CCE) (D00700)			Weapon System Type:			Date: February 2007			
<b>OPA1 Cost Elements</b>		ID	<b>FY 06</b>			<b>FY 07</b>			<b>FY 08</b>			<b>FY 09</b>		
		CD	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost
			\$000	Units	\$000	\$000	Units	\$000	\$000	Units	\$000	\$000	Units	\$000
Vehicle with FRET						8840	104	85						
Test						23								
System Fielding Support						520								
System Technical Support														
Program Management Support			550											
Engineering Change Proposals						336								
<b>Total:</b>			<b>550</b>			<b>9719</b>								

## Exhibit P-5a, Budget Procurement History and Planning

Date:  
February 2007

Appropriation/Budget Activity/Serial No: Other Procurement, Army/ 1/ Tactical and support vehicles		Weapon System Type:	P-1 Line Item Nomenclature: SEMITRAILER LB 40T M870A1 (CCE) (D00700)							
WBS Cost Elements:	Contractor and Location	Contract Method and Type	Location of PCO	Award Date	Date of First Delivery	QTY Units	Unit Cost \$000	Specs Avail Now?	Date Revsn Avail	RFP Issue Date
Vehicle with FRET FY 2007	DRS Technologies ST. Louis, MO	FFP	TACOM, Warren, MI	Jan 07	Jul 07	104	85	Yes	NO	N/A

REMARKS:

COST ELEMENTS					Fiscal Year 07													Fiscal Year 08													Later	
M F R	FY	S E R V	PROC QTY Units	ACCEP PRIOR TO 1 OCT	BAL DUE AS OF 1 OCT	Calendar Year 07													Calendar Year 08													
						O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P			

Vehicle with FRET																																	
1	FY 07	A	104	0	104				A							10	10	20	20	20	10	10	4									0	
Total			104		104											10	10	20	20	20	10	10	4										
						O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P				

M F R	Name - Location	PRODUCTION RATES			Reached D+	MFR	ADMIN LEAD TIME		MFR After 1 Oct	TOTAL After 1 Oct	REMARKS	
		MIN	1-8-5	MAX			Prior 1 Oct	After 1 Oct				
1	DRS Technologies, ST. Louis, MO	2	5	20	6	1	Initial	3	3	6	9	
							Reorder	0	5	5	10	
							Initial					
							Reorder					
							Initial					
							Reorder					
							Initial					
							Reorder					
							Initial					
							Reorder					

**Exhibit P-40, Budget Item Justification Sheet**

Date: February 2007

Appropriation / Budget Activity / Serial No:  
Other Procurement, Army / 1 / Tactical and support vehicles

P-1 Item Nomenclature  
SEMITRAILER FB BB/CONT TRANS 22 1/2 T (D01500)

Program Elements for Code B Items:

Code:  
A

Other Related Program Elements:

	Prior Years	FY 2006	FY 2007	FY 2008	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	To Complete	Total Prog
Proc Qty	7532	90	519								8141
Gross Cost	157.1	3.9	20.9								182.0
Less PY Adv Proc											
Plus CY Adv Proc											
Net Proc P1	157.1	3.9	20.9								182.0
Initial Spares											
Total Proc Cost	157.1	3.9	20.9								182.0
Flyaway U/C											
Weapon System Proc U/C	0.0	0.0									0.1

**Description:**

The M871A3 semitrailer, drop deck/break bulk (DD/BB) container transporter, 22-1/2 ton, is a tactical, dual purpose, bulk and container transporter. The M871A3 model is the authorized worldwide transporter of International Organization for Standardization (ISO) containers within the military logistics system. The M871A3 is used on line-haul missions as the primary transporter of ISO containers, and bulk cargo. The M871A3 is also the primary transporter of the 3,000-gallon Reverse Osmosis Water Purification Unit (ROWPU) and the Laundry Advanced System (LADS). The prime movers are the 5-Ton truck (M939/809), Family of Medium Tactical Vehicles (FMTV), and line haul tractors. FY 2006 Congressional add of \$1.2 million will be used to procure 600 Series Commercial Tractor Trailers.



<b>Exhibit P-5, Weapon OPA1 Cost Analysis</b>		Appropriation/Budget Activity/Serial No: Other Procurement, Army / 1 / Tactical and support vehicles			P-1 Line Item Nomenclature: SEMITRAILER FB BB/CONT TRANS 22 1/2 T (D01500)			Weapon System Type:			Date: February 2007			
<b>OPA1 Cost Elements</b>		ID	<b>FY 06</b>			<b>FY 07</b>			<b>FY 08</b>			<b>FY 09</b>		
		CD	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost
			\$000	Each	\$000	\$000	Each	\$000	\$000	Each	\$000	\$000	Each	\$000
M871A3 Vehicle with FRET			3049	90	34	17580	519	34						
<b>Sub Total</b>			<b>3049</b>			<b>17580</b>								
Program Management			544											
System Fielding			249			2595								
Documentation			30			48								
ECPs			67			668								
<b>Total:</b>			<b>3939</b>			<b>20891</b>								

## Exhibit P-5a, Budget Procurement History and Planning

Date:  
February 2007

Appropriation/Budget Activity/Serial No: Other Procurement, Army/ 1/ Tactical and support vehicles		Weapon System Type:	P-1 Line Item Nomenclature: SEMITRAILER FB BB/CONT TRANS 22 1/2 T (D01500)							
WBS Cost Elements:	Contractor and Location	Contract Method and Type	Location of PCO	Award Date	Date of First Delivery	QTY Each	Unit Cost \$000	Specs Avail Now?	Date Revsn Avail	RFP Issue Date
<b>M871A3 Vehicle with FRET</b>										
FY 2006	Fontaine Trailer Co. Princeton, KY	REQ (4)	TACOM, Warren, MI	Feb 06	Aug 06	90	30	Yes	N/A	N/A
FY 2007	Fontaine Trailer Co. Princeton, KY	REQ (5)	TACOM, Warren, MI	Jan 07	Jul 07	519	31	Yes	N/A	N/A

REMARKS:

<b>FY 06 / 07 BUDGET PRODUCTION SCHEDULE</b>	P-1 ITEM NOMENCLATURE SEMITRAILER FB BB/CONT TRANS 22 1/2 T (D01500)	Date: February 2007
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COST ELEMENTS						Fiscal Year 06														Fiscal Year 07														Later
M F R	FY	S E R V	PROC QTY Units	ACCEP PRIOR TO 1 OCT	BAL DUE AS OF 1 OCT	Calendar Year 06														Calendar Year 07														
						O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P					
M871A3 Vehicle with FRET																																		
1	FY 06	A	90	0	90						A						5	6	6	6	7	10	10	10	10	10	10	0						
1	FY 07	A	519	0	519																	A						43	43	43	390			
Total																	5	6	6	6	7	10	10	10	10	10	10	43	43	43	390			

M F R	Name - Location	PRODUCTION RATES			Reached D+	MFR	ADMIN LEAD TIME		MFR After 1 Oct	TOTAL After 1 Oct	REMARKS	
		MIN	1-8-5	MAX			Prior 1 Oct	After 1 Oct				
1	Fontaine Trailer Co., Princeton, KY	2	10	50	10	1	Initial	4	4	6	10	Contractor is able to produce ramp up scheduled in FY07.
							Reorder	0	4	4	8	
							Initial					
							Reorder					
							Initial					
							Reorder					
							Initial					
							Reorder					

<b>FY 08 / 09 BUDGET PRODUCTION SCHEDULE</b>															P-1 ITEM NOMENCLATURE SEMISTRILER FB BB/CONT TRANS 22 1/2 T (D01500)											Date: February 2007			
--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	---	--	--	--	--	--	--	--	--	--	--	------------------------	--	--	--

M	F	R	FY	S	E	R	V	PROC	QTY	ACCEP	PRIOR	BAL	DUE	Fiscal Year 08														Fiscal Year 09												Later
														Calendar Year 08														Calendar Year 09												
														TO	AS OF	O	N	D	J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J	J	A	S	

M871A3 Vehicle with FRET

1	FY 06	A	90	90																										0	
1	FY 07	A	519	129	390	43	43	44	44	44	43	43	43	43															0		
Total			609	219	390	43	43	44	44	44	43	43	43	43																	
						O	N	D	J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J	J	A	S		
						C	V	E	A	E	A	P	A	U	U	U	P	C	V	E	A	E	A	P	A	U	U	A	S		
						T	O	C	N	B	R	R	Y	N	L	G	P	T	O	C	V	C	N	B	R	R	Y	N	L	G	P

M	F	R	Name - Location	PRODUCTION RATES				Reached	MFR	ADMIN LEAD TIME		MFR	TOTAL	REMARKS	
				MIN	1-8-5	MAX	D+			Prior 1 Oct	After 1 Oct				After 1 Oct
1			Fontaine Trailer Co., Princeton, KY	2	10	50	10	1	Initial	4	4	6	10		
									Reorder	0	4	4	8		
									Initial						
									Reorder						
									Initial						
									Reorder						
									Initial						
									Reorder						
									Initial						
									Reorder						

**Exhibit P-40, Budget Item Justification Sheet**

Date: February 2007

Appropriation / Budget Activity / Serial No:  
Other Procurement, Army / 1 / Tactical and support vehicles

P-1 Item Nomenclature  
SEMITRAILER FB BB/CONT TR 34T M872 C/S (D01600)

Program Elements for Code B Items:

Code:  
A

Other Related Program Elements:

	Prior Years	FY 2006	FY 2007	FY 2008	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	To Complete	Total Prog
Proc Qty	10748	10	1007	97	117	57		20			12056
Gross Cost	193.3	1.3	66.1	6.1	7.5	3.8		1.4			279.5
Less PY Adv Proc											
Plus CY Adv Proc											
Net Proc P1	193.3	1.3	66.1	6.1	7.5	3.8		1.4			279.5
Initial Spares											
Total Proc Cost	193.3	1.3	66.1	6.1	7.5	3.8		1.4			279.5
Flyaway U/C											
Weapon System Proc U/C		0.3	0.1	0.1	0.1	0.1		0.1			0.7

**Description:**

The M872A4 semitrailer is a dual purpose, break bulk/container transporter, 43-foot with a maximum payload of 67,200 pounds over primary and improved secondary roads. The M872A4 is a commercially adapted semitrailer. Its mission is to transport a single 40-foot or two 20-foot International Organization for Standardization (ISO) containers, palletized cargo, and light combat and tactical vehicles. The A4 model provides greater off road capability than the previously fielded models. It has been updated to minimize corrosion to achieve a minimum 20 year service life. The axles now have greater capacities to carry increased weight and the suspension was redesigned to improve flexion and deflection of the trailer deck for non-standard shaped loads. It also includes an enhanced electrical system for the attachment of diagnostic equipment, anti-lock brake controllers for improved control, and tires and rims that have been updated to add service life. The prime mover is the M915 series 6 x 4 line haul tractor.

**Justification:**

FY08/09 procures 97 and 117 M872A4 semitrailers respectively. The M872A4 semitrailer will fill modularity requirements and Army Preposition Stock (APS) requirements.

<b>Exhibit P-5, Weapon OPA1 Cost Analysis</b>		Appropriation/Budget Activity/Serial No: Other Procurement, Army / 1 / Tactical and support vehicles			P-1 Line Item Nomenclature: SEMITRAILER FB BB/CONT TR 34T M872 C/S (D01600)			Weapon System Type:			Date: February 2007			
<b>OPA1 Cost Elements</b>		ID	<b>FY 06</b>			<b>FY 07</b>			<b>FY 08</b>			<b>FY 09</b>		
		CD	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost
			\$000	Each	\$000	\$000	Each	\$000	\$000	Each	\$000	\$000	Each	\$000
M872A4 Vehicle with FRET			443	10	44	52062	1007	52	5246	97	54	6461	117	55
<b>Sub Total</b>			<b>443</b>			<b>52062</b>			<b>5246</b>			<b>6461</b>		
Testing			29			150			14			17		
Program Management						4499			183			211		
System Fielding			850			5099			485			586		
Engineering Change Proposals (ECPs)			4			1956			158			194		
Modifications						150			14			17		
<b>Sub Total</b>			<b>883</b>			<b>11854</b>			<b>854</b>			<b>1025</b>		
SLOT Trailer						2200	20	110						
<b>Total:</b>			<b>1326</b>			<b>66116</b>			<b>6100</b>			<b>7486</b>		

## Exhibit P-5a, Budget Procurement History and Planning

Date:  
February 2007

Appropriation/Budget Activity/Serial No: Other Procurement, Army/ 1/ Tactical and support vehicles	Weapon System Type:	P-1 Line Item Nomenclature: SEMITRAILER FB BB/CONT TR 34T M872 C/S (D01600)								
WBS Cost Elements:	Contractor and Location	Contract Method and Type	Location of PCO	Award Date	Date of First Delivery	QTY Each	Unit Cost \$000	Specs Avail Now?	Date Revsn Avail	RFP Issue Date
<b>M872A4 Vehicle with FRET</b>										
FY 2007	Talbert Manufacturing, Inc. Rensselaer, Indiana	FFP/REQ 5	TACOM, Warren, MI	Nov 06	May 07	73	52	Yes	N/A	N/A
FY 2007	Talbert Manufacturing, Inc. Rensselaer, Indiana	FFP/REQ 5	TACOM, Warren, MI	Jan 07	Jul 08	494	52	YES	N/A	N/A
FY 2007	Talbert Manufacturing, Inc. Rensselaer, Indiana	FFP/REQ 5	TACOM, Warren, MI	Mar 07	Jan 09	440	52	YES	N/A	N/A
FY 2008	To be determined To be determined	FFP	TACOM, Warren, MI	Jan 08	Jul 08	97	54	YES	N/A	JUL 07
FY 2009	To be determined To be determined	FFP	TACOM, Warren, MI	Feb 09	Aug 09	117	55	YES	N/A	AUG 08

REMARKS:

<b>FY 07 / 08 BUDGET PRODUCTION SCHEDULE</b>	P-1 ITEM NOMENCLATURE SEMITRAILER FB BB/CONT TR 34T M872 C/S (D01600)	Date: February 2007
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COST ELEMENTS						Fiscal Year 07												Fiscal Year 08												Later
M F R	FY	S E R V	PROC QTY Units	ACCEP PRIOR TO 1 OCT	BAL DUE AS OF 1 OCT	Calendar Year 07												Calendar Year 08												
						O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	

M872A4 Vehicle with FRET																																	
1	FY 07	A	73	0	73			A																									0
1	FY 07	A	494	0	494				A																								100
1	FY 07	A	440	0	440					A																							440
2	FY 08	A	97	0	97																												37
2	FY 09	A	117	0	117																												117
Total			1221		1221																												694

M F R	Name - Location	PRODUCTION RATES				Reached D+	MFR	ADMIN LEAD TIME		MFR After 1 Oct	TOTAL After 1 Oct	REMARKS	
		MIN	1-8-5	MAX	1			2	Prior 1 Oct				After 1 Oct
									Initial				Reorder
1	Talbert Manufacturing, Inc., Rensselaer, Indiana	1	4	40	10	1	Initial	0	4	6	10		
							Reorder	0	3	6	9		
2	To be determined, To be determined	1	4	4	10	2	Initial	0	4	6	10		
							Reorder	0	3	6	9		
							Initial						
							Reorder						
							Initial						
							Reorder						
							Initial						
							Reorder						



**FY 09 / 10 BUDGET PRODUCTION SCHEDULE**

P-1 ITEM NOMENCLATURE  
SEMITRAILER FB BB/CONT TR 34T M872 C/S (D01600)

Date: February 2007

COST ELEMENTS					Fiscal Year 09												Fiscal Year 10												Later	
MFR	FY	SERV	PROC QTY Units	ACCEP PRIOR TO 1 OCT	BAL DUE AS OF 1 OCT	Calendar Year 09												Calendar Year 10												
						OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG		SEP
M872A4 Vehicle with FRET																														
1	FY 07	A	73	73																							0			
1	FY 07	A	494	394	100	10	10	10	10	20	20	20															0			
1	FY 07	A	440	0	440		23	30	30	20	20	20	40	40	40	10	10	10	13	40	40	40	14				0			
2	FY 08	A	97	60	37	30	7																				0			
2	FY 09	A	117	0	117					A						30	30	30	27								0			
Total						1221	527	694	40	40	40	40	40	40	40	40	40	40	40	40	40	40	40	14						
					OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP		

MFR	Name - Location	PRODUCTION RATES				Reached D+	MFR	ADMIN LEAD TIME		MFR After 1 Oct	TOTAL After 1 Oct	REMARKS
		MIN	1-8-5	MAX	Prior 1 Oct			After 1 Oct				
1	Talbert Manufacturing, Inc., Rensselaer, Indiana	1	4	40	10	1	Initial	0	4	6	10	
							Reorder	0	3	6	9	
2	To be determined, To be determined	1	4	4	10	2	Initial	0	4	6	10	
							Reorder	0	3	6	9	
							Initial					
							Reorder					
							Initial					
							Reorder					
							Initial					
							Reorder					

**Exhibit P-40, Budget Item Justification Sheet**

Date: February 2007

Appropriation / Budget Activity / Serial No:  
Other Procurement, Army / 1 / Tactical and support vehicles

P-1 Item Nomenclature  
Semitrailers, tankers (D02001)

Program Elements for Code B Items:

Code:  
A

Other Related Program Elements:

	Prior Years	FY 2006	FY 2007	FY 2008	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	To Complete	Total Prog
Proc Qty	2509	54	413	11	119						3106
Gross Cost	197.8	6.0	65.2	2.2	24.0						295.2
Less PY Adv Proc											
Plus CY Adv Proc											
Net Proc P1	197.8	6.0	65.2	2.2	24.0						295.2
Initial Spares											
Total Proc Cost	197.8	6.0	65.2	2.2	24.0						295.2
Flyaway U/C											
Weapon System Proc U/C		0.2	0.1	0.2	0.1						0.6

**Description:**

This budget line procures two different types of 5000-Gallon Semitrailers: the M967A2 Bulkhauler and the M969A3 Automotive Refueler. They share the same production line and have common components. The bulkhaulers have a four-cylinder diesel engine and a four-inch centrifugal pump. The refuelers are equipped with a self-priming pump assembly and filter separator assembly, with a dispensing assembly consisting of dual pressured, automotive refueling systems. The tankers are found primarily in Transportation Medium Truck Companies and Petroleum Supply Companies assigned to Quartermaster Battalions. Semitrailer features include a stainless steel, single compartment tank of 5000-gallon capacity, top and bottom loading capacity, an automatic overflow shutoff device, and gravity discharge capability. It is also equipped with a four-cylinder diesel engine and pump assembly, tandem axles, manually operated landing gear, radial tires, a fuel capacity measuring device and a vapor recovery system/kit. When empty, these semitrailers are air transportable and are designed to be towed by a truck tractor equipped with a fifth wheel. The authorized prime mover for the highway and cross-country is the 5-Ton Truck Tractor.

**Justification:**

FY08/09 procures a total of 130 M969A3s. These refuelers fill modularity requirements and Army Preposition Stock (APS) requirements.

FY07 total includes supplemental funding of \$53.600 million to support the global war on terrorism (GWOT).

FY06 procured 28 M967A2 and 26 M969A3s.

FY07 procures 255 M967A2 and 158 M969A3s.

<b>Exhibit P-5, Weapon OPA1 Cost Analysis</b>		Appropriation/Budget Activity/Serial No: Other Procurement, Army / 1 / Tactical and support vehicles			P-1 Line Item Nomenclature: Semitrailers, tankers (D02001)			Weapon System Type:			Date: February 2007			
<b>OPA1 Cost Elements</b>		ID	<b>FY 06</b>			<b>FY 07</b>			<b>FY 08</b>			<b>FY 09</b>		
		CD	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost
			\$000	Units	\$000	\$000	Units	\$000	\$000	Units	\$000	\$000	Units	\$000
M967 Bulkhaul Vehicle with FRET			2399	28	86	32774	255	129						
Support Costs			400			3043								
<b>Sub Total M967</b>			<b>2799</b>			<b>35817</b>								
M969 Bulkhaul Vehicle with FRET			2757	26	106	25923	158	164	1901	11	173	20854	119	175
Support Costs			398			3489			284			3151		
<b>Sub Total M969</b>			<b>3155</b>			<b>29412</b>			<b>2185</b>			<b>24005</b>		
<b>Total:</b>			<b>5954</b>			<b>65229</b>			<b>2185</b>			<b>24005</b>		

**Exhibit P-40, Budget Item Justification Sheet**

Date: February 2007

Appropriation / Budget Activity / Serial No:  
Other Procurement, Army / 1 / Tactical and support vehicles

P-1 Item Nomenclature  
SEMITRAILER TANK 5000G AUTOMOTIVE (D02306)

Program Elements for Code B Items: Code: A Other Related Program Elements:

	Prior Years	FY 2006	FY 2007	FY 2008	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	To Complete	Total Prog
Proc Qty	2509	54	413	11	119						3106
Gross Cost	197.8	6.0	65.2	2.2	24.0						295.2
Less PY Adv Proc											
Plus CY Adv Proc											
Net Proc P1	197.8	6.0	65.2	2.2	24.0						295.2
Initial Spares											
Total Proc Cost	197.8	6.0	65.2	2.2	24.0						295.2
Flyaway U/C											
Weapon System Proc U/C		0.2	0.1	0.2	0.1						0.6

**Description:**  
The M969A3 5000-Gallon Fuel Tanker Semitrailer performs automotive refueling and bulk fuel hauling from Division to Main Supply and Forward Support Battalions. The M969A3 Tanker is found primarily in Transportation Medium Truck Companies and Petroleum Supply Companies assigned to Quartermaster Battalions. The M969A3 is equipped with a self-priming pump assembly and a filter separator assembly for automotive fuel. This dispensing assembly consists of dual automotive refueling systems that are pressurized to deliver fuel by a diesel engine and centrifugal pump combination. Each refueling system is composed of a meter, electric rewind hose reel, 50-feet of dispensing hose, and a dispensing nozzle.

**Justification:**  
FY08/09 procures 11 and 119 M969A3s respectively. The semitrailer tankers will fill modularity requirements and Army Preposition Stock (APS) requirements.

FY06 procured 28 M967A2 and 26 M969A3s.  
FY07 procures 255 M967A2 and 158 M969A3s.

<b>Exhibit P-5, Weapon OPA1 Cost Analysis</b>		Appropriation/Budget Activity/Serial No: Other Procurement, Army / 1 / Tactical and support vehicles			P-1 Line Item Nomenclature: SEMITRAILER TANK 5000G AUTOMOTIVE (D02306)			Weapon System Type:			Date: February 2007			
<b>OPA1 Cost Elements</b>		ID	<b>FY 06</b>			<b>FY 07</b>			<b>FY 08</b>			<b>FY 09</b>		
		CD	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost
			\$000	Each	\$000	\$000	Each	\$000	\$000	Each	\$000	\$000	Each	\$000
M967 Bulkhaul Vehicle with FRET			2399	28	86	32774	255	129						
Engineering Change Proposals (ECP)s			13			818								
Testing						440								
Engineering Support														
PM Support - Govt			292											
System Tech Support						659								
Fielding Support			95			1126								
Documentation														
<b>M967 Bulkhaul Sub Total</b>			<b>2799</b>			<b>35817</b>								
M969 Automotive Vehicle with FRET			2757	26	106	25923	158	164	1901	11	173	20854	119	175
Engineering Change Proposals (ECP)s			16			808			57			726		
Testing						235			16			277		
Engineering Support						546			15			257		
PM Support - Govt			292			799			138			1062		
System Tech Support														
Fielding Support			90			897			44			576		
Documentation						204			14			253		
<b>M969 Automotive Sub Total</b>			<b>3155</b>			<b>29412</b>			<b>2185</b>			<b>24005</b>		
<b>Total:</b>			<b>5954</b>			<b>65229</b>			<b>2185</b>			<b>24005</b>		

## Exhibit P-5a, Budget Procurement History and Planning

Date:  
February 2007

Appropriation/Budget Activity/Serial No: Other Procurement, Army/ 1/ Tactical and support vehicles	Weapon System Type:	P-1 Line Item Nomenclature: SEMITRAILER TANK 5000G AUTOMOTIVE (D02306)								
WBS Cost Elements:	Contractor and Location	Contract Method and Type	Location of PCO	Award Date	Date of First Delivery	QTY Each	Unit Cost \$000	Specs Avail Now?	Date Revsn Avail	RFP Issue Date
<b>M967 Bulkhaul Vehicle with FRET</b>										
FY 2006	Heil Trailer International Athens, Tennessee	REQ5 (5)	TACOM, Warren, MI	Apr 06	Oct 06	28	86	Yes	N/A	N/A
FY 2007	Heil Trailer International Athens, Tennessee	REQ5 (5)	TACOM, Warren, MI	Jan 07	Jul 07	255	129	Yes	N/A	N/A
<b>M969 Automotive Vehicle with FRET</b>										
FY 2006	Heil Trailer International Athens, Tennessee	REQ5 (5)	TACOM, Warren, MI	Apr 06	Oct 06	26	106	Yes	N/A	N/A
FY 2007	Heil Trailer International Athens, Tennessee	REQ5 (5)	TACOM, Warren, MI	Jan 07	Jul 07	158	164	Yes	N/A	N/A
FY 2008	TBS To be Determined	REQ	TACOM, Warren, MI	May 08	Nov 08	11	173	Yes	N/A	Sep-07
FY 2009	TBS To be Determined	REQ	TACOM, Warren, MI	Oct 08	Apr 09	119	175	Yes	N/A	N/A

REMARKS: FY07 contract is an extension of the REQ(5) contract because the original contract expired in NOV 06. Contractor's proposal currently shows an increase in price due to cost increase on stainless steel.

<b>FY 06 / 07 BUDGET PRODUCTION SCHEDULE</b>	P-1 ITEM NOMENCLATURE SEMITRAILER TANK 5000G AUTOMOTIVE (D02306)	Date: February 2007
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<b>COST ELEMENTS</b>	<b>Fiscal Year 06</b>	<b>Fiscal Year 07</b>
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M F R	FY	S E R V	PROC QTY Units	ACCEP PRIOR TO 1 OCT	BAL DUE AS OF 1 OCT	Calendar Year 06												Calendar Year 07												Later
						O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	

M967 Bulkhaul Vehicle with FRET

1	FY 06	A	28	0	28												3	3	3	3	3	3	3	3	3	4					0
1	FY 07	A	255	0	255																A							22	22	22	189

M969 Automotive Vehicle with FRET

1	FY 06	A	26	0	26												3	3	3	3	3	3	3	3	3	2					0
1	FY 07	A	158	0	158																							9	9	9	131
2	FY 08	A	11	0	11																										11
2	FY 09	A	119	0	119																										119

Total    597    597    6    6    6    6    6    6    6    6    6    6    6    31    31    31    450

O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P
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M F R	Name - Location	PRODUCTION RATES				Reached D+	MFR	ADMIN LEAD TIME		MFR After 1 Oct	TOTAL After 1 Oct	REMARKS
		MIN	1-8-5	MAX	1			After 1 Oct				
1	Heil Trailer International, Athens, Tennessee	2	20	37	6	1	Initial	0	4	6	10	Contractor currently running production for MK970, M967, and M969s. Contractor will not increase capacity to meet Army requirements.
							Reorder	0	1	6	7	
2	TBS, To be Determined	2	20	37	6	2	Initial	0	4	6	10	
							Reorder	0	1	6	7	
							Initial					
							Reorder					
							Initial					
							Reorder					

<b>FY 08 / 09 BUDGET PRODUCTION SCHEDULE</b>	P-1 ITEM NOMENCLATURE SEMITRAILER TANK 5000G AUTOMOTIVE (D02306)	Date: February 2007
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COST ELEMENTS						Fiscal Year 08												Fiscal Year 09												Later
M F R	FY	S E R V	PROC QTY Units	ACCEP PRIOR TO 1 OCT	BAL DUE AS OF 1 OCT	Calendar Year 08												Calendar Year 09												
						O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	
M967 Bulkhaul Vehicle with FRET																														
1	FY 06	A	28	28																								0		
1	FY 07	A	255	66	189	21	21	21	21	21	21	21	21	21														0		
M969 Automotive Vehicle with FRET																														
1	FY 06	A	26	26																								0		
1	FY 07	A	158	27	131	9	9	8	8	8	8	8	8	8	8	8	8	8	8	8	9							0		
2	FY 08	A	11	0	11								A					2	2	2	2	3					0			
2	FY 09	A	119	0	119												A						18	18	18	18	18	11		
Total																														
			597	147	450	30	30	29	29	29	29	29	29	29	8	8	8	8	10	10	11	2	3	18	18	18	18	11		
						O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	

M F R	Name - Location	PRODUCTION RATES				Reached D+	MFR	ADMIN LEAD TIME		MFR After 1 Oct	TOTAL After 1 Oct	REMARKS
		MIN	1-8-5	MAX	Prior 1 Oct			After 1 Oct				
1	Heil Trailer International, Athens, Tennessee	2	20	37	6	1	Initial	0	4	6	10	Contractor currently running production for MK970, M967, and M969s. Contractor will not increase capacity to meet Army requirements.
							Reorder	0	1	6	7	
2	TBS, To be Determined	2	20	37	6	2	Initial	0	4	6	10	
							Reorder	0	1	6	7	
							Initial					
							Reorder					
							Initial					
							Reorder					



<b>FY 10 / 11 BUDGET PRODUCTION SCHEDULE</b>	P-1 ITEM NOMENCLATURE SEMITRAILER TANK 5000G AUTOMOTIVE (D02306)	Date: February 2007
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COST ELEMENTS						Fiscal Year 10													Fiscal Year 11													Later
M F R	FY	S E R V	PROC QTY Units	ACCEP PRIOR TO 1 OCT	BAL DUE AS OF 1 OCT	Calendar Year 10													Calendar Year 11													
						O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P			

M967 Bulkhaul Vehicle with FRET																																		
1	FY 06	A	28	28																														0
1	FY 07	A	255	255																														0
M969 Automotive Vehicle with FRET																																		
1	FY 06	A	26	26																														0
1	FY 07	A	158	158																														0
2	FY 08	A	11	11																														0
2	FY 09	A	119	108	11	11																												0
Total																																		
			597	586	11	11																												
O C T N O V D E C J A N F E B M A R A P R M A Y J U N J U L A U G S E P O C T N O V D E C J A N F E B M A R A P R M A Y J U N J U L A U G S E P																																		

M F R	Name - Location	PRODUCTION RATES				Reached D+	MFR	ADMIN LEAD TIME		MFR After 1 Oct	TOTAL After 1 Oct	REMARKS
		MIN	1-8-5	MAX	Prior 1 Oct			After 1 Oct				
1	Heil Trailer International, Athens, Tennessee	2	20	37	6	1	Initial	0	4	6	10	Contractor currently running production for MK970, M967, and M969s. Contractor will not increase capacity to meet Army requirements.
							Reorder	0	1	6	7	
2	TBS, To be Determined	2	20	37	6	2	Initial	0	4	6	10	
							Reorder	0	1	6	7	
							Initial					
							Reorder					
							Initial					
							Reorder					

**Exhibit P-40, Budget Item Justification Sheet**

Date: February 2007

Appropriation / Budget Activity / Serial No: Other Procurement, Army / 1 / Tactical and support vehicles  
 P-1 Item Nomenclature: HI MOB MULTI-PURP WHLD VEH (HMMWV) (D15400)

Program Elements for Code B Items: Code: A Other Related Program Elements:

	Prior Years	FY 2006	FY 2007	FY 2008	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	To Complete	Total Prog
Proc Qty	115426	7096	9253	3268	3886	4194	3730	4172	1663		152688
Gross Cost	6139.0	1281.4	1659.0	596.6	668.5	721.5	645.4	721.9	291.1		12724.6
Less PY Adv Proc											
Plus CY Adv Proc											
Net Proc P1	6139.0	1281.4	1659.0	596.6	668.5	721.5	645.4	721.9	291.1		12724.6
Initial Spares											
Total Proc Cost	6139.0	1281.4	1659.0	596.6	668.5	721.5	645.4	721.9	291.1		12724.6
Flyaway U/C											
Weapon System Proc U/C	0.2	0.6	0.2	0.2	0.2	0.2	0.2	0.2	0.2		2.0

**Description:**  
 The High Mobility Multi-Purpose Wheeled Vehicle (HMMWV) is a lightweight, high performance, four-wheel drive, air transportable and air droppable family of tactical vehicles. The vehicle has a diesel engine, automatic transmission and payload capacity of 3,500 lbs. The Up-Armored HMMWV (M1114) provides its crew complete ballistic protection against anti-tank and anti-personnel mines, and 360-degree protection against 7.62 NATO armor piercing munitions. The M1151A1 replaces the M1025A2 Armament Carrier and the M1152A1 (2-door variant) and M1165A1 (4 door variant) replaces the M1097A2 Heavy HMMWV and the M1113 Expanded Capacity Vehicle. All variants are built on an Expanded Capacity Vehicle (ECV) Chassis which provides additional carrying capacity and are produced with an integrated armor package with the capability to accept add-on armor kits.

**Justification:**  
 FY08/09 procures a total of 7,154 HMMWVs with variants to include Armored M1151A1s, M1152A1s and M1165A1s with integrated armor. FY08/09 also funds safety initiatives such as fire suppression, safety restraints and enhanced armor doors, which will be incorporated during production. M1151A1s, M1152A1s and M1165A1s are required to support the Global War on Terror (GWOT) and Army Modularity and Brigade Combat Teams (BCT). HMMWVs are also required for Data Interchange Program development and fielding of critical Combat Support and Combat Service Support Systems such as Advanced Field Artillery Tactical Data System (AFATDS), Secure Mobile Anti-Jam Reliable Tactical Terminal (SMART-T) and Tactical Unmanned Aerial Vehicle (TUAV). Some of these Data Interchange HMMWVs will be provided to integrating Project Managers to support meeting their critical milestones in equipping Stryker Brigade Combat Teams and modularizing BCTs. In FY08, the Armored M1151s will be used in lieu of M1114 Up-Armored HMMWVs in both the Military Police and Special Operations Forces Light Tactical Vehicle modernization programs. These vehicles will also support the Rangers, Ground Mobility Systems, the Knight program, the Army National Guard Division Redesign Study (ADRS) and other Army Data Interchange requirements.

FY06/07 totals include supplemental funding of \$1.06 billion and \$1.07 billion respectively, to support the global war on terrorism (GWOT). FY07 also includes Congressional Add of \$3.85 million.

<b>Exhibit P-5, Weapon OPA1 Cost Analysis</b>		Appropriation/Budget Activity/Serial No: Other Procurement, Army / 1 / Tactical and support vehicles			P-1 Line Item Nomenclature: HI MOB MULTI-PURP WHLD VEH (HMMWV) (D15400)			Weapon System Type:			Date: February 2007			
<b>OPA1 Cost Elements</b>		ID	<b>FY 06</b>			<b>FY 07</b>			<b>FY 08</b>			<b>FY 09</b>		
		CD	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost
			\$000	Each	\$000	\$000	Each	\$000	\$000	Each	\$000	\$000	Each	\$000
<b>Vehicles</b>														
Up-Armor M1114			68072	1156	59									
Government Furnished Equipment (Chassis)			94482	1156	82									
<b>Total Up-Armor M1114 (UAH)</b>			<b>162554</b>											
M1151A1 (Armored)			811449	5391	151	720925	4738	152	189258	1241	153	154953	1007	154
M1152A1 (Armored)			3502	29	121	204887	1660	123	124390	1007	124	231559	1859	125
M1152A1 (Armor Ready)			49683	520	96									
M1165A1 (Armored)						408790	2855	143	146548	1020	144	147558	1020	145
<b>Subtotal</b>			<b>864634</b>			<b>1334602</b>			<b>460196</b>			<b>534070</b>		
<b>Overhead Cost</b>														
Project Management Support			4606			4743			4813			4886		
<b>Government Testing</b>														
Comparison Test			226			230			233			237		
Preproduction Qualification Test			314			319			323			328		
System Technical Support (STS)			9500			9658			9700			9845		
Engineering Support - In-House			2461			2498			2535			2573		
<b>Variable Cost</b>														
Fielding Support			31721			21791			14609			15350		
Engineering Changes			12970			19352			6658			7667		
Kits (Voice Radio, Singars, GPK)			192407			265814			97560			93592		
<b>Total:</b>			<b>1281393</b>			<b>1659007</b>			<b>596627</b>			<b>668548</b>		

## Exhibit P-5a, Budget Procurement History and Planning

Date:  
February 2007

Appropriation/Budget Activity/Serial No: Other Procurement, Army/ 1/ Tactical and support vehicles	Weapon System Type:	P-1 Line Item Nomenclature: HI MOB MULTI-PURP WHLD VEH (HMMWV) (D15400)								
WBS Cost Elements:	Contractor and Location	Contract Method and Type	Location of PCO	Award Date	Date of First Delivery	QTY Each	Unit Cost \$000	Specs Avail Now?	Date Revsn Avail	RFP Issue Date
<b>Up-Armor M1114</b>										
FY 2006	O'Gara Hess & Eisenhardt Fairfield, OH	SS/Option	TACOM, Warren, MI	Dec 05	Apr 06	568	61	Yes	N/A	N/A
FY 2006	O'Gara Hess & Eisenhardt Fairfield, OH	SS/Option	TACOM, Warren, MI	Feb 06	Jun 06	588	58	Yes	N/A	N/A
<b>M1151A1 (Armored)</b>										
FY 2006	AM General Mishawaka, IN	SS/FFP (6)	TACOM, Warren, MI	Feb 06	Aug 06	850	149	Yes	N/A	N/A
FY 2006	AM General Mishawaka, IN	SS/FFP (6)	TACOM, Warren, MI	May 06	Oct 06	139	158	Yes	N/A	N/A
FY 2006	AM General Mishawaka, IN	SS/FFP (6)	TACOM, Warren, MI	Jul 06	Nov 06	3800	158	Yes	N/A	N/A
FY 2006	AM General Mishawaka, IN	SS/FFP (6)	TACOM, Warren, MI	Sep 06	May 07	602	151	Yes	N/A	N/A
FY 2007	AM General Mishawaka, IN	SS/FFP (7)	TACOM, Warren, MI	Nov 06	Apr 07	4126	152	Yes	N/A	N/A
FY 2007	AM General Mishawaka, IN	SS/FFP (7)	TACOM, Warren, MI	Jun 07	Dec 07	612	152	Yes	N/A	N/A
FY 2008	AM General Mishawaka, IN	SS/Option	TACOM, Warren, MI	Oct 07	Apr 08	1241	153	Yes	N/A	N/A
FY 2009	AM General Mishawaka, IN	SS/Option	TACOM, Warren, MI	Oct 08	Apr 09	1007	154	Yes	N/A	N/A
<b>M1152A1 (Armored)</b>										
FY 2006	AM General Mishawaka, IN	SS/FFP (6)	TACOM, Warren, MI	Feb 06	Sep 06	28	121	Yes	N/A	N/A
FY 2006	AM General Mishawaka, IN	SS/FFP (6)	TACOM, Warren, MI	Sep 06	Jun 07	1	121	Yes	N/A	N/A
FY 2007	AM General Mishawaka, IN	SS/FFP (7)	TACOM, Warren, MI	Nov 06	Apr 07	1145	123	Yes	N/A	N/A
FY 2007	AM General Mishawaka, IN	SS/FFP (7)	TACOM, Warren, MI	Jun 07	Dec 07	515	123	Yes	N/A	N/A
FY 2008	AM General Mishawaka, IN	SS/Option	TACOM, Warren, MI	Oct 07	Apr 08	1007	124	Yes	N/A	N/A
FY 2009	AM General Mishawaka, IN	SS/Option	TACOM, Warren, MI	Oct 08	Apr 09	1859	125	Yes	N/A	N/A

## Exhibit P-5a, Budget Procurement History and Planning

Date:  
February 2007

WBS Cost Elements:	Contractor and Location	Contract Method and Type	Location of PCO	Award Date	Date of First Delivery	QTY Each	Unit Cost \$000	Specs Avail Now?	Date Revsn Avail	RFP Issue Date
<b>M1152A1 (Armor Ready)</b>										
FY 2006	AM General Mishawaka, IN	SS/FFP (6)	TACOM, Warren, MI	Aug 06	Jan 07	435	96	Yes	N/A	N/A
FY 2006	AM General Mishawaka, IN	SS/FFP (6)	TACOM, Warren, MI	Sep 06	May 07	85	96	Yes	N/A	N/A
<b>M1165A1 (Armored)</b>										
FY 2007	AM General Mishawaka, IN	SS/FFP (7)	TACOM, Warren, MI	Nov 06	May 07	2855	143	Yes	N/A	N/A
FY 2008	AM General Mishawaka, IN	SS/Option	TACOM, Warren, MI	Oct 07	Apr 08	1020	144	Yes	N/A	N/A
FY 2009	AM General Mishawaka, IN	SS/Option	TACOM, Warren, MI	Oct 08	Apr 09	1020	145	Yes	N/A	N/A

REMARKS:

<b>FY 06 / 07 BUDGET PRODUCTION SCHEDULE</b>	P-1 ITEM NOMENCLATURE HI MOB MULTI-PURP WHLD VEH (HMMWV) (D15400)	Date: February 2007
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COST ELEMENTS						Fiscal Year 06													Fiscal Year 07													Later
M F R	FY	S E R V	PROC QTY Units	ACCEP PRIOR TO 1 OCT	BAL DUE AS OF 1 OCT	Calendar Year 06													Calendar Year 07													
						O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P			

Up-Armor M1114																																			
2	FY 06	A	568	0	568				A					184	148	24																			0
2	FY 06	A	588	0	588					A						230	105	23	140	90														0	
2	FY 06	MC	1826	0	1826	188	244	378	399	93	94	118				89	223																	0	
2	FY 06	MC	446	0	446														A						100	180	166							0	
2	FY 06	OTH	2572	0	2572	52	56	30	1	357	456	248	402	207	86	89	50	91	228	111	108												0		

M1151A1 (Armored)																																		
1	FY 06	A	850	0	850					A						141	340	369																0
1	FY 06	A	139	0	139								A						139															0
1	FY 06	A	3800	0	3800											A					500	450	450	450	450	600	450	450					0	
1	FY 06	A	602	0	602													A										533	69					0
1	FY 06	MC	169	0	169											A							121	46				2					0	
1	FY 07	A	4126	0	4126															A						126	151	212	244	1129	896	1368		
1	FY 07	A	612	0	612																									A				612
1	FY 07	MC	709	0	709																		A											709
1	FY 07	NA	61	0	61																		A											61
1	FY 08	A	1241	0	1241																													1241

M F R	Name - Location	PRODUCTION RATES			Reached D+	MFR	ADMIN LEAD TIME		MFR After 1 Oct	TOTAL After 1 Oct	REMARKS Production rates are monthly	
		MIN	1-8-5	MAX			Prior 1 Oct	After 1 Oct				
1	AM General, Mishawaka, IN	313	700	1300		1	Initial	0	0	6	6	
							Reorder	0	0	6	6	
2	O'Gara Hess & Eisenhardt, Fairfield, OH	30	80	650		2	Initial	0	3	6	9	
							Reorder	0	2	5	7	
							Initial					
							Reorder					
							Initial					
							Reorder					
							Initial					
							Reorder					

FY 06 / 07 BUDGET PRODUCTION SCHEDULE										P-1 ITEM NOMENCLATURE HI MOB MULTI-PURP WHLD VEH (HMMWV) (D15400)										Date: February 2007																
COST ELEMENTS						Fiscal Year 06										Fiscal Year 07																				
MFR	FY	S E R V	PROC QTY Units	ACCEP PRIOR TO 1 OCT	BAL DUE AS OF 1 OCT	Calendar Year 06										Calendar Year 07										Later										
						O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y		J U N	J U L	A U G	S E P						
1	FY 09	A	1007	0	1007																									1007						
M1152A1 (Armored)																																				
1	FY 05	A	286	0	286						A								84	202											0					
1	FY 06	A	28	0	28					A									28												0					
1	FY 06	A	1	0	1														A									1			0					
1	FY 06	MC	290	0	290																				82	81	127					0				
1	FY 07	A	1145	0	1145													A							82	81	127	4	9	178	251	168	255	280		
1	FY 07	A	515	0	515																								A					515		
1	FY 08	A	1007	0	1007																													1007		
1	FY 09	A	1859	0	1859																													1859		
M1152A1 (Armor Ready)																																				
1	FY 06	A	435	0	435													A							75	108	195	57						0		
1	FY 06	A	85	0	85													A												65				20	0	
M1165A1 (Armored)																																				
1	FY 07	A	2855	0	2855																										3	280	737		29	1806
1	FY 07	MC	330	0	330																									133	87	110				0
1	FY 08	A	1020	0	1020																													1020		
						O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P							

MFR	Name - Location	PRODUCTION RATES			Reached D+	MFR	ADMIN LEAD TIME		MFR After 1 Oct	TOTAL After 1 Oct	REMARKS Production rates are monthly	
		MIN	1-8-5	MAX			Prior 1 Oct	After 1 Oct				
1	AM General, Mishawaka, IN	313	700	1300		1	Initial	0	0	6	6	
							Reorder	0	0	6	6	
2	O'Gara Hess & Eisenhardt, Fairfield, OH	30	80	650		2	Initial	0	3	6	9	
							Reorder	0	2	5	7	
							Initial					
							Reorder					
							Initial					
							Reorder					
							Initial					
							Reorder					





<b>FY 08 / 09 BUDGET PRODUCTION SCHEDULE</b>										P-1 ITEM NOMENCLATURE HI MOB MULTI-PURP WHLD VEH (HMMWV) (D15400)										Date: February 2007	
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COST ELEMENTS					Fiscal Year 08															Fiscal Year 09															Later	
MFR	FY	S E R V	PROC QTY Units	ACCEP PRIOR TO 1 OCT	BAL DUE AS OF 1 OCT	Calendar Year 08															Calendar Year 09															
						O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P							
Up-Armor M1114																																				
2	FY 06	A	568	568																								0								
2	FY 06	A	588	588																								0								
2	FY 06	MC	1826	1826																								0								
2	FY 06	MC	446	446																								0								
2	FY 06	OTH	2572	2572																								0								
M1151A1 (Armored)																																				
1	FY 06	A	850	850																								0								
1	FY 06	A	139	139																								0								
1	FY 06	A	3800	3800																								0								
1	FY 06	A	602	602																								0								
1	FY 06	MC	169	169																								0								
1	FY 07	A	4126	2758	1368	111	421	325	200	155	156																	0								
1	FY 07	A	612	0	612			188	124	150	150																	0								
1	FY 07	MC	709	0	709	51	70	200	188	100	100																	0								
1	FY 07	NA	61	0	61	31	30																					0								
1	FY 08	A	1241	0	1241	A						104	104	104	104	104	103	103	103	103	103	103	103					0								
						O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P							

MFR	Name - Location	PRODUCTION RATES			Reached D+	MFR	ADMIN LEAD TIME		MFR After 1 Oct	TOTAL After 1 Oct	REMARKS		
		MIN	1-8-5	MAX			1	Initial				Prior 1 Oct	
												0	0
1	AM General, Mishawaka, IN	313	700	1300		1	Initial	0	0	6	6		
							Reorder	0	0	6	6		
2	O'Gara Hess & Eisenhardt, Fairfield, OH	30	80	650		2	Initial	0	3	6	9		
							Reorder	0	2	5	7		
							Initial						
							Reorder						
							Initial						
							Reorder						
							Initial						
							Reorder						

**FY 08 / 09 BUDGET PRODUCTION SCHEDULE**

P-1 ITEM NOMENCLATURE  
HI MOB MULTI-PURP WHLD VEH (HMMWV) (D15400)

Date: February 2007

COST ELEMENTS						Fiscal Year 08																Fiscal Year 09												Later							
MFR	FY	S E R V	PROC QTY Units	ACCEP PRIOR TO 1 OCT	BAL DUE AS OF 1 OCT	Calendar Year 08																Calendar Year 09																			
						O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P												
1	FY 09	A	1007	0	1007													A																84	84	84	84	84	84	84	503
M1152A1 (Armored)																																									
1	FY 05	A	286	286																																	0				
1	FY 06	A	28	28																																	0				
1	FY 06	A	1	1																																	0				
1	FY 06	MC	290	290																																	0				
1	FY 07	A	1145	865	280	100	100	80																													0				
1	FY 07	A	515	0	515			35	190	190	100																										0				
1	FY 08	A	1007	0	1007	A																															0				
1	FY 09	A	1859	0	1859																																0				
M1152A1 (Armor Ready)																																									
1	FY 06	A	435	435																																	0				
1	FY 06	A	85	85																																	0				
M1165A1 (Armored)																																									
1	FY 07	A	2855	1049	1806	1007	679	120																													0				
1	FY 07	MC	330	330																																	0				
1	FY 08	A	1020	0	1020	A																															0				
							O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P											

MFR	Name - Location	PRODUCTION RATES			Reached D+	MFR	ADMIN LEAD TIME		MFR After 1 Oct	TOTAL After 1 Oct	REMARKS
		MIN	1-8-5	MAX			Prior 1 Oct	After 1 Oct			
1	AM General, Mishawaka, IN	313	700	1300		1	0	0	6	6	
							0	0	6	6	
2	O'Gara Hess & Eisenhardt, Fairfield, OH	30	80	650		2	0	3	6	9	
							0	2	5	7	



<b>FY 10 / 11 BUDGET PRODUCTION SCHEDULE</b>	P-1 ITEM NOMENCLATURE HI MOB MULTI-PURP WHLD VEH (HMMWV) (D15400)	Date: February 2007
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COST ELEMENTS					Fiscal Year 10													Fiscal Year 11													Later	
M F R	FY	S E R V	PROC QTY Units	ACCEP PRIOR TO 1 OCT	BAL DUE AS OF 1 OCT	Calendar Year 10													Calendar Year 11													
						O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P			

Up-Armor M1114																												
2	FY 06	A	568	568																								0
2	FY 06	A	588	588																								0
2	FY 06	MC	1826	71																								0
2	FY 06	MC	446	446																								0
2	FY 06	OTH	2572	2572																								0

M1151A1 (Armored)																												
1	FY 06	A	850	850																								0
1	FY 06	A	139	139																								0
1	FY 06	A	3800	3800																								0
1	FY 06	A	602	602																								0
1	FY 06	MC	169	169																								0
1	FY 07	A	4126	4126																								0
1	FY 07	A	612	612																								0
1	FY 07	MC	709	709																								0
1	FY 07	NA	61	61																								0
1	FY 08	A	1241	1241																								0

M F R	Name - Location	PRODUCTION RATES			Reached D+	MFR	ADMIN LEAD TIME		MFR After 1 Oct	TOTAL After 1 Oct	REMARKS	
		MIN	1-8-5	MAX			Prior 1 Oct	After 1 Oct				
1	AM General, Mishawaka, IN	313	700	1300		1	Initial	0	0	6	6	
							Reorder	0	0	6	6	
2	O'Gara Hess & Eisenhardt, Fairfield, OH	30	80	650		2	Initial	0	3	6	9	
							Reorder	0	2	5	7	
							Initial					
							Reorder					
							Initial					
							Reorder					
							Initial					
							Reorder					

FY 10 / 11 BUDGET PRODUCTION SCHEDULE										P-1 ITEM NOMENCLATURE HI MOB MULTI-PURP WHLD VEH (HMMWV) (D15400)										Date: February 2007										
COST ELEMENTS					Fiscal Year 10										Fiscal Year 11										Later					
M F R	FY	S E R V	PROC QTY Units	ACCEP PRIOR TO 1 OCT	BAL DUE AS OF 1 OCT	Calendar Year 10										Calendar Year 11														
						O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R		M A Y	J U N	J U L	A U G	S E P
1	FY 09	A	1007	504	503	84	84	84	84	84	83																		0	
M1152A1 (Armored)																														
1	FY 05	A	286	286																									0	
1	FY 06	A	28	28																									0	
1	FY 06	A	1	1																									0	
1	FY 06	MC	290	290																									0	
1	FY 07	A	1145	1145																									0	
1	FY 07	A	515	515																									0	
1	FY 08	A	1007	1007																									0	
1	FY 09	A	1859	930	929	155	155	155	155	155	154																		0	
M1152A1 (Armor Ready)																														
1	FY 06	A	435	435																									0	
1	FY 06	A	85	85																									0	
M1165A1 (Armored)																														
1	FY 07	A	2855	2855																									0	
1	FY 07	MC	330	330																									0	
1	FY 08	A	1020	1020																									0	
						O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	
M F R	Name - Location					PRODUCTION RATES			Reached D+	MFR	ADMIN LEAD TIME		MFR After 1 Oct	TOTAL After 1 Oct	REMARKS															
						MIN	1-8-5	MAX			Prior 1 Oct	After 1 Oct																		
1	AM General, Mishawaka, IN					313	700	1300		1	Initial	0	0	6	6															
											Reorder	0	0	6	6															
2	O'Gara Hess & Eisenhardt, Fairfield, OH					30	80	650		2	Initial	0	3	6	9															
											Reorder	0	2	5	7															
											Initial																			
											Reorder																			
											Initial																			
											Reorder																			
											Initial																			
											Reorder																			

<b>FY 10 / 11 BUDGET PRODUCTION SCHEDULE</b>	P-1 ITEM NOMENCLATURE HI MOB MULTI-PURP WHLD VEH (HMMWV) (D15400)	Date: February 2007
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COST ELEMENTS						Fiscal Year 10												Fiscal Year 11												Later					
M F R	FY	S E R V	PROC QTY Units	ACCEP PRIOR TO 1 OCT	BAL DUE AS OF 1 OCT	Calendar Year 10												Calendar Year 11																	
						O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P						
1	FY 09	A	1020	510	510	85	85	85	85	85	85																								0
Total						324	324	324	324	324	322																								
						O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P						

M F R	Name - Location	PRODUCTION RATES			Reached D+	MFR	ADMIN LEAD TIME		MFR After 1 Oct	TOTAL After 1 Oct	REMARKS	
		MIN	1-8-5	MAX			Prior 1 Oct	After 1 Oct				
1	AM General, Mishawaka, IN	313	700	1300		1	Initial	0	0	6	6	
							Reorder	0	0	6	6	
2	O'Gara Hess & Eisenhardt, Fairfield, OH	30	80	650		2	Initial	0	3	6	9	
							Reorder	0	2	5	7	
							Initial					
							Reorder					
							Initial					
							Reorder					
							Initial					
							Reorder					

**Exhibit P-40, Budget Item Justification Sheet**

Date: February 2007

Appropriation / Budget Activity / Serial No:  
Other Procurement, Army / 1 / Tactical and support vehicles

P-1 Item Nomenclature  
FAMILY OF MEDIUM TACTICAL VEH (FMTV) (D15500)

Program Elements for Code B Items:

Code:  
A

Other Related Program Elements:  
PE 0604604A/Project DH07 Medium Tactical Vehicles

	Prior Years	FY 2006	FY 2007	FY 2008	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	To Complete	Total Prog
Proc Qty	29963	3276	5788	2862	3186	3563	3772	3816	3503	20437	80166
Gross Cost	5265.6	674.8	1484.0	828.4	834.4	982.3	1009.4	1115.8	1011.5	7078.2	20284.5
Less PY Adv Proc											
Plus CY Adv Proc											
Net Proc P1	5265.6	674.8	1484.0	828.4	834.4	982.3	1009.4	1115.8	1011.5	7078.2	20284.5
Initial Spares											
Total Proc Cost	5265.6	674.8	1484.0	828.4	834.4	982.3	1009.4	1115.8	1011.5	7078.2	20284.5
Flyaway U/C											
Weapon System Proc U/C	0.2	0.2	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	2.7

**Description:**

The Family of Medium Tactical Vehicles (FMTV) is a complete series of trucks and trailers, based on a common chassis, that vary by payload and mission. The Light Medium Tactical Vehicle (LMTV) has a 2-1/2-ton capacity consisting of cargo and van models. The Medium Tactical Vehicle (MTV) has a 5-ton capacity, consisting of cargo, tractor, van, wrecker, tanker, and dump truck models. The MTV utilizes the Load Handling System (LHS), and has a higher capacity dump. Sub-variants provide Air Drop capability for contingency and rapid deployment operations. Commonality between variants significantly reduces operation and maintenance costs. FMTV performs over 55% of the Army's local and line haul, and unit resupply missions in combat, combat support, and combat service support units. Extended applications of the FMTV include support to other Army requirements such as Towed Artillery Digitization (TAD), Theater High Altitude Area Defense (THAAD), Patriot Recapitalization, High Mobility Artillery Rocket System (HIMARS), Medium Extended Air Defense System (MEADS), Non Line of Sight Launching System (NLOS-LS), Joint Network Node (JNN), Laundry Advanced System (LADS), Containerized Kitchen, Integrated Family of Test Equipment (IFTE), Calibration Sets (CALSETS) and the Unit Water Pod System (CAMEL). FMTV trailers (LMTV & MTV) have the same payload as the LMTV/MTV trucks. The quantities shown above reflect trucks only.

**Justification:**

FY08/09 budget includes \$828.4 million (2,862 trucks, 1,563 trailers) and \$834.4 million (3,186 trucks, 1,206 trailers) respectively.

The FMTV fills the 2-1/2-ton and 5-ton truck and trailer requirements, fulfills Army modularity requirements and modernizes the medium fleet, reduces operating and support costs, resolves potential operational deficiencies and operates throughout the theater as a multi-purpose transportation vehicle used by combat, combat support, and combat service support units. The system's design enables rapid deployment worldwide and operation on primary and secondary roads, trails, and cross-country terrain in all climate conditions.

FY06/07 totals include supplemental funding of \$293.9 million and \$794.7 million respectively, to support the global war on terrorism (GWOT).

<b>Exhibit P-5, Weapon OPA1 Cost Analysis</b>		Appropriation/Budget Activity/Serial No: Other Procurement, Army / 1 / Tactical and support vehicles				P-1 Line Item Nomenclature: FAMILY OF MEDIUM TACTICAL VEH (FMTV) (D15500)				Weapon System Type:		Date: February 2007		
<b>OPA1 Cost Elements</b>		ID	<b>FY 06</b>			<b>FY 07</b>			<b>FY 08</b>			<b>FY 09</b>		
		CD	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost
			\$000	Units	\$000	\$000	Units	\$000	\$000	Units	\$000	\$000	Units	\$000
<b>I. Vehicles</b>														
--LMTV Cargo M1078	A		127520	953	134	174606	1493	117	217021	1338	162	431764	2607	166
--LMTV Cargo w/ winch M1078			5605	44	127	49083	434	113	32023	186	172	5450	31	176
--LMTV Cargo-Air Drop M1081			29399	226	130									
--LMTV Cargo-Air Drop w/ winch M1081			1668	12	139									
--LMTV Van M1079			11325	58	195	24087	137	176						
--LMTV Van w/ winch M1079														
--LMTV Chassis M1080														
<b>SUBTOTAL LMTV</b>			<b>175517</b>			<b>247776</b>			<b>249044</b>			<b>437214</b>		
--MTV Cargo M1083			133490	898	149	294192	2091	141	169768	935	182	8899	48	185
--MTV Cargo w/ winch M1083			49235	385	128	64797	434	149	5548	29	191	19144	98	195
--MTV Cargo-Air Drop M1093			26288	178	148				1883	11	171	1748	10	175
--MTV Cargo-Air Drop w/ winch M1093			2496	16	156							924	5	185
--MTV Cargo-Long Wheel Base (LWB) M1085			7507	49	153	11680	79	148	3685	20	184	3763	20	188
--MTV Cargo-LWB w/ winch M1085			290	2	145	1879	15	125	582	3	194	594	3	198
--MTV Cargo-LWB- Mat'l Handl Equip M1086														
--MTV Cargo MHE M1084			26153	130	201	37189	164	227	23090	92	251	32383	127	255
--MTV Dump M1090														
--MTV Dump w/ winch M1090														
--MTV Dump-Air Drop M1094														
--MTV 10 Ton Dump M1157			14319	75	191				2104	10	210	1933	9	215
--MTV 10 Ton Dump M1157 w/winch														
--MTV Tractor M1088			14843	111	134	65142	546	119	35888	200	179	18323	100	183
--MTV Tractor w/ winch M1088			3964	28	142	7935	65	122	7195	38	189	7347	38	193
--MTV Wrecker M1089			18804	65	289	42078	160	263				19357	50	387
--MTV Expansible Van M1087			17015	46	370	61809	170	364				19496	40	487
--MTV Chassis														
--MTV HIMARs Launcher Chassis XM1140														
--MTV LHS XM1148														
--MTV Chassis-LWB														
<b>SUBTOTAL MTV</b>			<b>314404</b>			<b>586701</b>			<b>249743</b>			<b>133911</b>		



Exhibit P-5, Weapon OPA1 Cost Analysis	Appropriation/Budget Activity/Serial No: Other Procurement, Army / 1 / Tactical and support vehicles			P-1 Line Item Nomenclature: FAMILY OF MEDIUM TACTICAL VEH (FMTV) (D15500)			Weapon System Type:			Date: February 2007			
	OPA1 Cost Elements	ID CD	FY 06			FY 07			FY 08			FY 09	
		Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost
		\$000	Units	\$000	\$000	Units	\$000	\$000	Units	\$000	\$000	Units	\$000
LMTV Trailers M1082		14194	642	22	48614	2212	22	32150	1271	25	23194	898	26
MTV Trailers M1095		11656	367	32	30480	975	31	10613	292	36	11430	308	37
<b>SUBTOTAL TRAILERS</b>		<b>25850</b>			<b>79094</b>			<b>42763</b>			<b>34624</b>		
2. Federal Retail Excise Tax		14620			52695			30635			16221		
3. Engineering Changes		64895			87566			16246			18172		
4. Testing													
--Contractor		3081			1026						1070		
--Government		470			2594			2166			6947		
5. Contractor Program Support		14468			4849			8341			4385		
6. Engineering Support													
--Government (In-house)		4784			3618			3695			3773		
--Contractor		13011			14383			14704			15033		
--Competitive Evaluation					9440			4000					
7. Quality Assurance Support (In-house)		1351			1017			1039			1061		
9. Kits		8349			11805			6269			6281		
10. Armor A/B Kits					345360			150153			121556		
11. Fielding Support		24982			22210			36887			20848		
12. Project Mgmt Support		9028			13907			12718			13333		
<b>Total:</b>		<b>674810</b>			<b>1484041</b>			<b>828403</b>			<b>834429</b>		

## Exhibit P-5a, Budget Procurement History and Planning

Date:  
February 2007

Appropriation/Budget Activity/Serial No: Other Procurement, Army/ 1/ Tactical and support vehicles		Weapon System Type:	P-1 Line Item Nomenclature: FAMILY OF MEDIUM TACTICAL VEH (FMTV) (D15500)							
WBS Cost Elements:	Contractor and Location	Contract Method and Type	Location of PCO	Award Date	Date of First Delivery	QTY Each	Unit Cost \$000	Specs Avail Now?	Date Revsn Avail	RFP Issue Date
<b>1. Vehicles</b>										
FY 2006	Stewart & Stevenson (S023) Sealy, TX	CM-5(4)	TACOM, Warren, MI	Mar 06	Oct 06	1922	145	Yes	N/A	N/A
FY 2006	Stewart & Stevenson (S023) Sealy, TX	Option	TACOM, Warren, MI	Nov 06	Jul 07	529	115	Yes	N/A	N/A
FY 2006	Stewart & Stevenson (S023) Sealy, TX	Option	TACOM, Warren, MI	Mar 07	Mar 08	825	154	Yes	N/A	N/A
FY 2007	Stewart & Stevenson (S023) Sealy, TX	CM-5(5)	TACOM, Warren, MI	Nov 06	Oct 07	1800	146	Yes	N/A	N/A
FY 2007	Stewart & Stevenson (S023) Sealy, TX	Option	TACOM, Warren, MI	Nov 06	Nov 07	2485	129	Yes	N/A	N/A
FY 2007	Stewart & Stevenson (S023) Sealy, TX	SS/Option	TACOM, Warren, MI	Mar 07	Mar 08	1503	167	Yes	N/A	N/A
FY 2008	Stewart Stevenson Sealy, TX	SS/Option	TACOM, Warren, MI	Oct 07	Jul 08	2146	177	No	Mar 07	Mar 07
FY 2008	TBS TBD	CREQ-3(1)	TACOM, Warren, MI	Jun 08	Jul 09	716	166	No	Oct 07	Oct 07
FY 2009	TBS TBD	CREQ-3(2)	TACOM, Warren, MI	Oct 08	Oct 09	3186	179	N/A	N/A	N/A

REMARKS: FY2007 Option. Reflects competitively-priced options under the provisions of the current production contract awarded in 2003. Unit cost above excludes the Long-Term Armor Strategy (LTAS) A-Kit.

FY2007 SS/Option. Reflects sole source additional options to the current production contract. Unit cost above includes the LTAS A-Kit.

FY2008 SS/Option. Reflects options to a new, sole source contract to be awarded in 2007. Unit cost above includes the LTAS A-Kit.

FY2008 C-REQ. Reflects a competitive requirements contract. Unit cost above includes vehicle configuration changes that were ECPs on the prior contract and the LTAS A-Kit. Quantity is small to allow for ramp-up of a potential new producer.

Each unit cost above is a weighted average reflecting the model mix for that particular group of vehicles.

<b>FY 07 / 08 BUDGET PRODUCTION SCHEDULE</b>	P-1 ITEM NOMENCLATURE FAMILY OF MEDIUM TACTICAL VEH (FMTV) (D15500)	Date: February 2007
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COST ELEMENTS						Fiscal Year 07														Fiscal Year 08														Later
M F R	FY	S E R V	PROC QTY Units	ACCEP PRIOR TO 1 OCT	BAL DUE AS OF 1 OCT	Calendar Year 07														Calendar Year 08														
						O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P					
Trucks																																		
1	FY 05	A	6196	3483	2713	224	249	211	233	167	123	184	217	242	285	127	35	53	216	147									0					
1	FY 06	A	1922	0	1922	32	97	144	156	240	194	168	186	114	144	210	121	116										0						
1	FY 06	A	529	0	529		A								2	60	178	158	39	92								0						
1	FY 06	A	825	0	825						A													125	125	125	125	125	125	75	0			
1	FY 06	ANG	2698	0	2698	39	33	28	10	124	176	157	146	197	113	147	114	121	133	103	132	152	119	119	139	119	114	163		0				
1	FY 07	A	1800	0	1800		A											148	132	115	186	167	220	191	189	147	171	111	23	0				
1	FY 07	A	2485	0	2485		A											179	209	277	284	176	186	219	214	218	246	277		0				
1	FY 07	A	1503	0	1503						A												81	160	179	128	195	170	160	430	0			
2	FY 08	A	2146	0	2146													A										10	10	10	2116			
3	FY 08	A	716	0	716																										716			
3	FY 09	A	3186	0	3186																										3186			
3	FY 10	A	3563	0	3563																										3563			
3	FY 11	A	3772	0	3772																										3772			
<b>Total</b>						31341	3483	27858	295	379	383	399	531	493	509	549	553	544	544	448	596	699	666	595	684	800	800	800	800	808	815	815	13353	
						O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P					

M F R	Name - Location	PRODUCTION RATES				Reached D+	MFR	ADMIN LEAD TIME		MFR After 1 Oct	TOTAL After 1 Oct	REMARKS P-21 shows Trucks only: FY Truck QTYs Trailer QTYs
		MIN	1-8-5	MAX	Prior 1 Oct			After 1 Oct				
		1	Stewart & Stevenson (S023), Sealy, TX	150	350	840	12	1	Initial	0	6	
							Reorder	0	1	11	12	08 2862 1563
2	Stewart Stevenson, Sealy, TX	150	350	840	12	2	Initial	0	6	9	15	09 3186 1206
							Reorder	0	0	9	9	10 3563 1601
3	TBS, TBD	150	350	840	12	3	Initial	0	8	13	21	11 3772 228
							Reorder	0	0	12	12	12 3816 72
							Initial					13 3503 72
							Reorder					
							Initial					
							Reorder					

<b>FY 09 / 10 BUDGET PRODUCTION SCHEDULE</b>	P-1 ITEM NOMENCLATURE FAMILY OF MEDIUM TACTICAL VEH (FMTV) (D15500)	Date: February 2007
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COST ELEMENTS						Fiscal Year 09													Fiscal Year 10													Later
M F R	FY	S E R V	PROC QTY Units	ACCEP PRIOR TO 1 OCT	BAL DUE AS OF 1 OCT	Calendar Year 09													Calendar Year 10													
						O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P			

Trucks																														
1	FY 05	A	6196	6196																								0		
1	FY 06	A	1922	1922																								0		
1	FY 06	A	529	529																								0		
1	FY 06	A	825	825																								0		
1	FY 06	ANG	2698	2698																								0		
1	FY 07	A	1800	1800																								0		
1	FY 07	A	2485	2485																								0		
1	FY 07	A	1503	1503																								0		
2	FY 08	A	2146	30	2116	341	225	225	225	225	225	225	200															0		
3	FY 08	A	716	0	716									30	30	31	31	78	78	78	72	72	72	72	72			0		
3	FY 09	A	3186	0	3186	A											265	265	265	265	265	265	265	265	265	265	267	267	267	0
3	FY 10	A	3563	0	3563												A											3563		
3	FY 11	A	3772	0	3772																							3772		
Total			31341	17988	13353	341	225	225	225	225	225	225	200	30	30	31	296	343	343	343	337	337	337	337	337	337	267	267	267	7335
						O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	

M F R	Name - Location	PRODUCTION RATES				Reached D+	MFR	ADMIN LEAD TIME		MFR After 1 Oct	TOTAL After 1 Oct	REMARKS
		MIN	1-8-5	MAX	Prior 1 Oct			After 1 Oct				
									1			
1	Stewart & Stevenson (S023), Sealy, TX	150	350	840	12	1	Initial	0	6	9	15	P-21 shows Trucks only: FY Truck QTYs Trailer QTYs 07 5788 3187 08 2862 1563 09 3186 1206 10 3563 1601 11 3772 228 12 3816 72 13 3503 72
							Reorder	0	1	11	12	
2	Stewart Stevenson, Sealy, TX	150	350	840	12	2	Initial	0	6	9	15	
							Reorder	0	0	9	9	
3	TBS, TBD	150	350	840	12	3	Initial	0	8	13	21	
							Reorder	0	0	12	12	
							Initial					
							Reorder					
							Initial					
							Reorder					

<b>FY 11 / 12 BUDGET PRODUCTION SCHEDULE</b>	P-1 ITEM NOMENCLATURE FAMILY OF MEDIUM TACTICAL VEH (FMTV) (D15500)	Date: February 2007
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COST ELEMENTS					Fiscal Year 11													Fiscal Year 12													Later	
M F R	FY	S E R V	PROC QTY Units	ACCEP PRIOR TO 1 OCT	BAL DUE AS OF 1 OCT	Calendar Year 11													Calendar Year 12													
						O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P			
Trucks																																
1	FY 05	A	6196	6196																									0			
1	FY 06	A	1922	1922																									0			
1	FY 06	A	529	529																									0			
1	FY 06	A	825	825																									0			
1	FY 06	ANG	2698	2698																									0			
1	FY 07	A	1800	1800																									0			
1	FY 07	A	2485	2485																									0			
1	FY 07	A	1503	1503																									0			
2	FY 08	A	2146	2146																									0			
3	FY 08	A	716	716																									0			
3	FY 09	A	3186	3186																									0			
3	FY 10	A	3563	0	3563	297	297	297	297	296	296	296	297	297	297	297	299												0			
3	FY 11	A	3772	0	3772	A												314	314	314	314	314	314	314	314	314	314	315	315	315	315	0
Total			31341	24006	7335	297	297	297	297	296	296	296	297	297	297	297	299	314	314	314	314	314	314	314	314	314	314	315	315	315	315	

M F R	Name - Location	PRODUCTION RATES				Reached D+	MFR	ADMIN LEAD TIME		MFR After 1 Oct	TOTAL After 1 Oct	REMARKS
		MIN	1-8-5	MAX	Prior 1 Oct			After 1 Oct				
1	Stewart & Stevenson (S023), Sealy, TX	150	350	840	12	1	Initial	0	6	9	15	P-21 shows Trucks only: FY Truck QTYs Trailer QTYs 07 5788 3187 08 2862 1563 09 3186 1206 10 3563 1601 11 3772 228 12 3816 72 13 3503 72
							Reorder	0	1	11	12	
2	Stewart Stevenson, Sealy, TX	150	350	840	12	2	Initial	0	6	9	15	
							Reorder	0	0	9	9	
3	TBS, TBD	150	350	840	12	3	Initial	0	8	13	21	
							Reorder	0	0	12	12	
							Initial					
							Reorder					
							Initial					
							Reorder					

**Exhibit P-40, Budget Item Justification Sheet**

Date: February 2007

Appropriation / Budget Activity / Serial No:  
Other Procurement, Army / 1 / Tactical and support vehicles

P-1 Item Nomenclature  
FIRETRUCKS & ASSOCIATED FIREFIGHTING EQUIPMENT (D15800)

Program Elements for Code B Items:

Code:  
A

Other Related Program Elements:

	Prior Years	FY 2006	FY 2007	FY 2008	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	To Complete	Total Prog
Proc Qty	174	25	44	55	57	17	28	28	28		456
Gross Cost	106.0	25.2	36.2	36.0	34.1	6.9	10.9	11.0	11.1		277.5
Less PY Adv Proc											
Plus CY Adv Proc											
Net Proc P1	106.0	25.2	36.2	36.0	34.1	6.9	10.9	11.0	11.1		277.5
Initial Spares											
Total Proc Cost	106.0	25.2	36.2	36.0	34.1	6.9	10.9	11.0	11.1		277.5
Flyaway U/C											
Weapon System Proc U/C	0.9	2.8	0.8	1.0	1.0	0.4	0.4	0.4	0.4		8.1

**Description:**

This line is a roll-up of various Fire Trucks. These vehicles are used for fighting fires, and as a safety precautions at airfields and ammunition storage areas. In addition, these vehicles respond to forest fires, train and automobile accidents, and hazardous material incidents. These vehicles are essential to all military installations and to many local communities for the preservation of life and property.

**Justification:**

FY 2008/2009 procures 112 Firetrucks and associated Firefighting Equipment. FY 2008 17 Tactical, 15 Non-Tactical Fire Fighting Trucks, and 23 HEMTT-based Water Tenders (HEWATT) and in FY 2009 10 Tactical, 16 Non-Tactical Fire Fighting Trucks and 31 HEMTT-based Water Tenders. The Tactical and Non-Tactical Fire Fighting Trucks will replace unsafe/overaged vehicles currently unable to respond to fire calls as well as vehicles that are uneconomical to repair. The HEWATT will allow the engineering fire fighting detachments to be deployed with their full compliment of the fire fighting equipment.

FY 2007 total includes Title IX supplemental funding of \$6 million to procure an additional seven (7) Tactical Firefighting Trucks to support the global war on terrorism (GWOT).

<b>Exhibit P-5, Weapon OPA1 Cost Analysis</b>		Appropriation/Budget Activity/Serial No: Other Procurement, Army / 1 / Tactical and support vehicles			P-1 Line Item Nomenclature: FIRETRUCKS & ASSOCIATED FIREFIGHTING EQUIPMENT (D15800)			Weapon System Type:			Date: February 2007			
<b>OPA1 Cost Elements</b>		<b>FY 06</b>			<b>FY 07</b>			<b>FY 08</b>			<b>FY 09</b>			
ID		Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost	
CD		\$000	Each	\$000	\$000	Each	\$000	\$000	Each	\$000	\$000	Each	\$000	
1. Firetruck, Non-Tactical (D15801)		A	1677	3	559	5377	11	489	6916	15	461	6914	17	407
2. Truck, Firefighting, Tactical (D15802)		B	23482	25	939	30787	33	933	15979	17	940	9324	10	932
3. HEMTT Based Water Tender (D15805)		C							13116	23	570	17900	31	577
<b>Total:</b>			<b>25159</b>			<b>36164</b>			<b>36011</b>			<b>34138</b>		

**Exhibit P-40, Budget Item Justification Sheet**

Date: February 2007

Appropriation / Budget Activity / Serial No:  
Other Procurement, Army / 1 / Tactical and support vehicles

P-1 Item Nomenclature  
FIRETRUCKS, NON-TACTICAL (D15801)

Program Elements for Code B Items:

Code:  
A

Other Related Program Elements:

	Prior Years	FY 2006	FY 2007	FY 2008	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	To Complete	Total Prog
Proc Qty	84	3	11	15	16	17	28	28	28		230
Gross Cost	29.9	1.7	5.4	6.9	6.9	6.9	10.9	11.0	11.1		90.8
Less PY Adv Proc											
Plus CY Adv Proc											
Net Proc P1	29.9	1.7	5.4	6.9	6.9	6.9	10.9	11.0	11.1		90.8
Initial Spares											
Total Proc Cost	29.9	1.7	5.4	6.9	6.9	6.9	10.9	11.0	11.1		90.8
Flyaway U/C											
Weapon System Proc U/C	0.4	0.6	0.5	0.5	0.4	0.4	0.4	0.4	0.4		3.9

**Description:**

These vehicles are of standard commercial design with only slight modifications. Examples include Pumper Trucks, Structural Pumpers, Ladder Trucks, Hazardous Material (HAZMAT)/Rescue Trucks, Brush Tankers, Airfield Crash Trucks, and Multi-Purpose Firetrucks. These trucks are needed by all the Installation Management Command (IMCOM) Regions - Northeast, Southeast, West, Pacific, Korea, and Europe - as well as other Army Commands and reporting units. The Army's Fire Fighting Vehicles are essential to all military installations and to many local communities for preservation of life and property. Our Army fire vehicles not only respond to fires on installations and within local communities, but also to forest fires; aircraft, train, and automotive accidents; and hazardous material incidents.

**Justification:**

FY2008/2009 procures 31 Non-Tactical Firetrucks to replace overaged trucks and to fill existing shortages. Many overage vehicles are unsafe, unable to respond to fire calls, and uneconomical to repair. Total Army Acquisition Objective (AAO) for all Non-Tactical Fire Trucks is 831.



<b>Exhibit P-5, Weapon OPA1 Cost Analysis</b>		Appropriation/Budget Activity/Serial No: Other Procurement, Army / 1 / Tactical and support vehicles			P-1 Line Item Nomenclature: FIRETRUCKS, NON-TACTICAL (D15801)			Weapon System Type:			Date: February 2007			
<b>OPA1 Cost Elements</b>		ID	<b>FY 06</b>			<b>FY 07</b>			<b>FY 08</b>			<b>FY 09</b>		
		CD	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost
			\$000	Each	\$000	\$000	Each	\$000	\$000	Each	\$000	\$000	Each	\$000
Ladder Truck		A				2416	3	805	2029	3	676	1360	2	680
Structural Pumper		A				918	3	306	250	1	250	1260	5	252
Airfield Crash Truck		A	1677	3	559	1150	2	575	3700	7	529	3821	7	546
Brush Pumper		A				233	1	233	437	2	219	221	1	221
HAZMAT/Rescue Truck		A				660	2	330	500	2	250	252	1	252
<b>Total:</b>			<b>1677</b>			<b>5377</b>			<b>6916</b>			<b>6914</b>		

## Exhibit P-5a, Budget Procurement History and Planning

Date:  
February 2007

Appropriation/Budget Activity/Serial No: Other Procurement, Army/ 1/ Tactical and support vehicles	Weapon System Type:	P-1 Line Item Nomenclature: FIRETRUCKS, NON-TACTICAL (D15801)								
WBS Cost Elements:	Contractor and Location	Contract Method and Type	Location of PCO	Award Date	Date of First Delivery	QTY Each	Unit Cost \$000	Specs Avail Now?	Date Revsn Avail	RFP Issue Date
<b>Ladder Truck</b>										
FY 2007	TBS	MIPR/FP	DLA, Philidelphia, PA	Feb 07	Jan 08	3	805	No	NA	
FY 2008	TBS	MIPR/FP	DLA, Philidelphia, PA	Feb 08	Jan 09	3	676	No	NA	
FY 2009	TBS	MIPR/FP	DLA, Philidelphia, PA	Feb 09	Jan 10	2	680	No	NA	
<b>Structural Pumper</b>										
FY 2007	TBS	MIPR/FP	DLA, Philidelphia, PA	Feb 07	Sep 07	3	306	No	NA	
FY 2008	TBS	MIPR/FP	DLA, Philidelphia, PA	Feb 08	Sep 08	1	250	No	NA	
FY 2009	TBS	MIPR/FP	DLA, Philidelphia, PA	Feb 09	Sep 09	5	252	No	NA	
<b>Airfield Crash Truck</b>										
FY 2006	See Remarks	MIPR/FP	DLA, Philidelphia, PA	May 06	Feb 07	3	559	Yes	NA	
FY 2007	TBS	MIPR/FP	DLA, Philidelphia, PA	Mar 07	Dec 07	2	575	No	NA	
FY 2008	TBS	MIPR/FP	DLA, Philidelphia, PA	Feb 08	Nov 08	7	529	No	NA	
FY 2009	TBS	MIPR/FP	DLA, Philidelphia, PA	Feb 09	Nov 09	7	546	No	NA	
<b>Brush Pumper</b>										
FY 2007	TBS	MIPR/FP	DLA, Philidelphia, PA	May 07	Nov 07	1	233	No	NA	
FY 2008	TBS	MIPR/FP	DLA, Philidelphia, PA	Feb 08	Aug 08	2	219	No	NA	
FY 2009	TBS	MIPR/FP	DLA, Philidelphia, PA	Feb 09	Aug 09	1	221	No	NA	
<b>HAZMAT/Rescue Truck</b>										
FY 2007	TBS	MIPR/FP	DLA, Philidelphia, PA	Mar 07	Oct 07	2	330	No	NA	
FY 2008	TBS	MIPR/FP	DLA, Philidelphia, PA	Feb 08	Sep 08	2	250	No	NA	
FY 2009	TBS	MIPR/FP	DLA, Philidelphia, PA	Feb 09	Sep 09	1	252	No	NA	

REMARKS: Contractors for FY06 Airfield Crash Trucks were Emergency One Inc., located in Ocala, FL, and Oshkosh Truck Corporation, located in Oshkosh, WI.

The primary PCO is the Defense logistics Agency (DLA) located in Philadelphia. However, occasionally there are requirements that are procured overseas, such as Japan or Europe, or via the General Services Administration's multiple awards schedule.

<b>FY 06 / 07 BUDGET PRODUCTION SCHEDULE</b>				P-1 ITEM NOMENCLATURE FIRETRUCKS, NON-TACTICAL (D15801)										Date: February 2007					
--	--	--	--	--	--	--	--	--	--	--	--	--	--	------------------------	--	--	--	--	--

COST ELEMENTS					Fiscal Year 06										Fiscal Year 07										
---------------	--	--	--	--	----------------	--	--	--	--	--	--	--	--	--	----------------	--	--	--	--	--	--	--	--	--	--

M F R	FY	S E R V	PROC QTY Units	ACCEP PRIOR TO 1 OCT	BAL DUE AS OF 1 OCT	Calendar Year 06										Calendar Year 07										Later
						O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	

Ladder Truck																																				
2	FY 07	A	3	0	3																							A							3	
2	FY 08	A	3	0	3																															3
2	FY 09	A	2	0	2																															2

Structural Pumper																																					
2	FY 07	A	3	0	3																							A								2	
2	FY 08	A	1	0	1																															1	
2	FY 09	A	5	0	5																																5

Airfield Crash Truck																																					
1	FY 06	A	3	0	3																									2							0
2	FY 07	A	2	0	2																							A									2
2	FY 08	A	7	0	7																																7
2	FY 09	A	7	0	7																																7

Brush Pumper																																							
2	FY 07	A	1	0	1																														A				1
2	FY 08	A	2	0	2																																	2	
2	FY 09	A	1	0	1																																	1	

O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P
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M F R	Name - Location	PRODUCTION RATES			Reached D+	MFR	ADMIN LEAD TIME		MFR After 1 Oct	TOTAL After 1 Oct	REMARKS Numerous contractors are available for Non-Tactical Fire Trucks. These contractors typically have multi-product commercial lines. Administrative leadtime averages 1-2 months for delivery order placement. Production time ranges from 6-11 months, depending on the type of truck.
		MIN	1-8-5	MAX			Prior 1 Oct	After 1 Oct			
						Initial					
						Reorder					
						Initial					
						Reorder					
						Initial					
						Reorder					
						Initial					
						Reorder					
						Initial					
						Reorder					



<b>FY 08 / 09 BUDGET PRODUCTION SCHEDULE</b>	P-1 ITEM NOMENCLATURE FIRETRUCKS, NON-TACTICAL (D15801)	Date: February 2007
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COST ELEMENTS						Fiscal Year 08														Fiscal Year 09														Later
M F R	FY	S E R V	PROC QTY Units	ACCEP PRIOR TO 1 OCT	BAL DUE AS OF 1 OCT	Calendar Year 08														Calendar Year 09														
						O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P					
Ladder Truck																																		
2	FY 07	A	3	0	3				1		1		1																0					
2	FY 08	A	3	0	3					A																	3		0					
2	FY 09	A	2	0	2																						A		2					
Structural Pumper																																		
2	FY 07	A	3	1	2	1		1																					0					
2	FY 08	A	1	0	1					A						1													0					
2	FY 09	A	5	0	5																					A		3	2					
Airfield Crash Truck																																		
1	FY 06	A	3	3																									0					
2	FY 07	A	2	0	2			1		1																			0					
2	FY 08	A	7	0	7					A								3	3		1								0					
2	FY 09	A	7	0	7																					A			7					
Brush Pumper																																		
2	FY 07	A	1	0	1			1																					0					
2	FY 08	A	2	0	2					A						2													0					
2	FY 09	A	1	0	1																					A		1	0					

M F R	Name - Location	PRODUCTION RATES			Reached D+	MFR	ADMIN LEAD TIME		MFR After 1 Oct	TOTAL After 1 Oct	REMARKS
		MIN	1-8-5	MAX			Prior 1 Oct	After 1 Oct			
						Initial				Numerous contractors are available for Non-Tactical Fire Trucks. These contractors typically have multi-product commercial lines. Administrative leadtime averages 1-2 months for delivery order placement. Production time ranges from 6-11 months, depending on the type of truck.	
						Reorder					
						Initial					
						Reorder					
						Initial					
						Reorder					
						Initial					
						Reorder					
						Initial					
						Reorder					
						Initial					
						Reorder					

<b>FY 08 / 09 BUDGET PRODUCTION SCHEDULE</b>														P-1 ITEM NOMENCLATURE FIRETRUCKS, NON-TACTICAL (D15801)										Date: February 2007		
--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	------------------------	--	--

<b>COST ELEMENTS</b>						<b>Fiscal Year 08</b>														<b>Fiscal Year 09</b>														Later
M F R	FY	S E R V	PROC QTY Units	ACCEP PRIOR TO 1 OCT	BAL DUE AS OF 1 OCT	<b>Calendar Year 08</b>														<b>Calendar Year 09</b>														
						O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P					
HAZMAT/Rescue Truck																																		
2	FY 07	A	2	0	2	1	1																						0					
2	FY 08	A	2	0	2				A							2													0					
2	FY 09	A	1	0	1																	A						1	0					
Total			45	4	41	2	2	2	1	1	1		1		2	3		3	3	4								1	4	11				
						O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P					

M F R	Name - Location	PRODUCTION RATES			Reached D+	MFR	ADMIN LEAD TIME		MFR After 1 Oct	TOTAL After 1 Oct	REMARKS Numerous contractors are available for Non-Tactical Fire Trucks. These contractors typically have multi-product commercial lines. Administrative leadtime averages 1-2 months for delivery order placement. Production time ranges from 6-11 months, depending on the type of truck.
		MIN	1-8-5	MAX			Prior 1 Oct	After 1 Oct			
		Initial	Reorder	Initial	Reorder	Initial	Reorder	Initial	Reorder		

<b>FY 10 / 11 BUDGET PRODUCTION SCHEDULE</b>	P-1 ITEM NOMENCLATURE FIRETRUCKS, NON-TACTICAL (D15801)	Date: February 2007
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COST ELEMENTS						Fiscal Year 10														Fiscal Year 11														Later
M F R	FY	S E R V	PROC QTY Units	ACCEP PRIOR TO 1 OCT	BAL DUE AS OF 1 OCT	Calendar Year 10														Calendar Year 11														
						O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P					
Ladder Truck																																		
2	FY 07	A	3	3																								0						
2	FY 08	A	3	3																								0						
2	FY 09	A	2	0	2					2																		0						
Structural Pumper																																		
2	FY 07	A	3	3																								0						
2	FY 08	A	1	1																								0						
2	FY 09	A	5	3	2	2																						0						
Airfield Crash Truck																																		
1	FY 06	A	3	3																								0						
2	FY 07	A	2	2																								0						
2	FY 08	A	7	7																								0						
2	FY 09	A	7	0	7					3	3	1																0						
Brush Pumper																																		
2	FY 07	A	1	1																								0						
2	FY 08	A	2	2																								0						
2	FY 09	A	1	1																								0						

M F R	Name - Location	PRODUCTION RATES			Reached D+	MFR	ADMIN LEAD TIME		MFR After 1 Oct	TOTAL After 1 Oct	REMARKS
		MIN	1-8-5	MAX			Prior 1 Oct	After 1 Oct			
											Numerous contractors are available for Non-Tactical Fire Trucks. These contractors typically have multi-product commercial lines. Administrative leadtime averages 1-2 months for delivery order placement. Production time ranges from 6-11 months, depending on the type of truck.
						Initial					
						Reorder					
						Initial					
						Reorder					
						Initial					
						Reorder					
						Initial					
						Reorder					

<b>FY 10 / 11 BUDGET PRODUCTION SCHEDULE</b>	P-1 ITEM NOMENCLATURE FIRETRUCKS, NON-TACTICAL (D15801)	Date: February 2007
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COST ELEMENTS						Fiscal Year 10												Fiscal Year 11												Later
M F R	FY	S E R V	PROC QTY Units	ACCEP PRIOR TO 1 OCT	BAL DUE AS OF 1 OCT	Calendar Year 10												Calendar Year 11												
						O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	

HAZMAT/Rescue Truck																																		
2	FY 07	A	2	2																														0
2	FY 08	A	2	2																													0	
2	FY 09	A	1	1																													0	
Total			45	34	11	2	3	3	3																									
						O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P					

M F R	Name - Location	PRODUCTION RATES			Reached D+	MFR	ADMIN LEAD TIME		MFR After 1 Oct	TOTAL After 1 Oct	REMARKS
		MIN	1-8-5	MAX			Prior 1 Oct	After 1 Oct			
										Numerous contractors are available for Non-Tactical Fire Trucks. These contractors typically have multi-product commercial lines. Administrative leadtime averages 1-2 months for delivery order placement. Production time ranges from 6-11 months, depending on the type of truck.	
						Initial					
						Reorder					
						Initial					
						Reorder					
						Initial					
						Reorder					
						Initial					
						Reorder					



**Exhibit P-40, Budget Item Justification Sheet**

Date: February 2007

Appropriation / Budget Activity / Serial No:  
Other Procurement, Army / 1 / Tactical and support vehicles

P-1 Item Nomenclature  
TRUCK, FIREFIGHTING, TACTICAL (D15802)

Program Elements for Code B Items:

Code:  
A

Other Related Program Elements:

	Prior Years	FY 2006	FY 2007	FY 2008	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	To Complete	Total Prog
Proc Qty	90	25	33	17	10						175
Gross Cost	76.1	23.5	30.8	16.0	9.3						155.6
Less PY Adv Proc											
Plus CY Adv Proc											
Net Proc P1	76.1	23.5	30.8	16.0	9.3						155.6
Initial Spares											
Total Proc Cost	76.1	23.5	30.8	16.0	9.3						155.6
Flyaway U/C											
Weapon System Proc U/C	0.8	0.9	0.9	0.9	0.9						4.6

**Description:**

The multi-purpose Tactical Fire Fighting Truck (TFFT) is issued to Army tactical engineer units and is primarily used to fight aircraft and brush fires and at ammunition storage areas in theater. The new TFFT will be a dramatic improvement over existing firetrucks by having a six-man cab in order to carry an entire fire fighting team, a minimum 1,000-gallon capacity, and all-wheel drive, which is essential for cross-country mobility. The TFFT is part of the Tactical Fire-Fighting Team concept, which consists of the TFFT, two 1,750-gallon Water Distribution Modules, one Heavy Expanded Mobility Tactical Truck (HEMTT)-Load Handling System (LHS), and one Palletized Load System (PLS) trailer.

**Justification:**

FY 2008/2009 procures 27 Tactical Fire Fighting Trucks for the Army Reserve Engineering and Ammunition Companies. The new TFFTs are needed to replace the old commercial fire trucks, which do not meet tactical fire fighting standards. The tactical firefighting mission requires trucks to have a significant off-road capability, which is obtained on the TFFT through the use of the combat-proven HEMTT chassis. The fire trucks currently fielded are unreliable, overage, and do not meet the National Fire Protection Agency Standards.

<b>Exhibit P-5, Weapon OPA1 Cost Analysis</b>		Appropriation/Budget Activity/Serial No: Other Procurement, Army / 1 / Tactical and support vehicles			P-1 Line Item Nomenclature: TRUCK, FIREFIGHTING, TACTICAL (D15802)			Weapon System Type:			Date: February 2007			
<b>OPA1 Cost Elements</b>		ID	<b>FY 06</b>			<b>FY 07</b>			<b>FY 08</b>			<b>FY 09</b>		
		CD	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost
			\$000	Each	\$000	\$000	Each	\$000	\$000	Each	\$000	\$000	Each	\$000
<b>1. Vehicle</b>														
Tactical Firefighting Truck with FRET			17525	25	701	23954	33	726	12410	17	730	7350	10	735
<b>SubTotal</b>			<b>17525</b>			<b>23954</b>			<b>12410</b>			<b>7350</b>		
2. ECPs			590			688			388			220		
3. Testing			550			575			350			254		
4. System Fielding Support			970			1113			631			250		
5. Documentation			450			480			250			100		
6. Quality Assurance Support			448			550			250			200		
7. PM Support			1000			1151			700			400		
8. Engineering Support			500			550			300			200		
10. Special Tools			500			646			250			150		
11. Technical Manuals			459			530			200			100		
12. New Equipment Training			490			550			250			100		
<b>Total:</b>			<b>23482</b>			<b>30787</b>			<b>15979</b>			<b>9324</b>		

## Exhibit P-5a, Budget Procurement History and Planning

Date:  
February 2007

WBS Cost Elements:	Contractor and Location	Contract Method and Type	Location of PCO	Award Date	Date of First Delivery	QTY Each	Unit Cost \$000	Specs Avail Now?	Date Revsn Avail	RFP Issue Date
Appropriation/Budget Activity/Serial No: Other Procurement, Army/ 1/ Tactical and support vehicles										
		Weapon System Type:	P-1 Line Item Nomenclature: TRUCK, FIREFIGHTING, TACTICAL (D15802)							
<b>Tactical Firefighting Truck with FRET</b>										
FY 2006	Pierce Manufacturing Inc. Appleton, WI	SS/REQ (1)	TACOM, Warren, MI	Nov 06	Aug 07	25	701	Yes	N/A	N/A
FY 2007	Pierce Manufacturing Inc. Appleton, WI	SS/REQ (1)	TACOM, Warren, MI	Dec 06	Sep 07	33	726	Yes	N/A	N/A
FY 2008	Pierce Manufacturing Inc. Appleton, WI	SS/REQ (2)	TACOM, Warren, MI	Dec 07	Sep 08	17	730	Yes	N/A	N/A
FY 2009	Pierce Manufacturing Inc. Appleton, WI	SS/REQ (3)	TACOM, Warren, MI	Dec 08	Sep 09	10	735	Yes	N/A	N/A

REMARKS:

<b>FY 06 / 07 BUDGET PRODUCTION SCHEDULE</b>	P-1 ITEM NOMENCLATURE TRUCK, FIREFIGHTING, TACTICAL (D15802)	Date: February 2007
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COST ELEMENTS					Fiscal Year 06													Fiscal Year 07													Later	
M F R	FY	S E R V	PROC QTY Units	ACCEP PRIOR TO 1 OCT	BAL DUE AS OF 1 OCT	Calendar Year 06													Calendar Year 07													
						O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P			

Tactical Firefighting Truck with FRET																																				
1	FY 06	A	25	0	25			A																											0	
1	FY 07	A	33	0	33																														3	30
1	FY 08	A	17	0	17																															17
1	FY 09	A	10	0	10																															10
Total			85		85																														3	57
						O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P							

M F R	Name - Location	PRODUCTION RATES			Reached D+	MFR	ADMIN LEAD TIME		MFR After 1 Oct	TOTAL After 1 Oct	REMARKS	
		MIN	1-8-5	MAX			Prior 1 Oct	After 1 Oct				
1	Pierce Manufacturing Inc., Appleton, WI	2	5	10	12	1	Initial	0	7	9	16	
							Reorder	0	2	9	11	
							Initial					
							Reorder					
							Initial					
							Reorder					
							Initial					
							Reorder					
							Initial					
							Reorder					

<b>FY 08 / 09 BUDGET PRODUCTION SCHEDULE</b>	P-1 ITEM NOMENCLATURE TRUCK, FIREFIGHTING, TACTICAL (D15802)	Date: February 2007
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COST ELEMENTS					Fiscal Year 08													Fiscal Year 09													Later	
M F R	FY	S E R V	PROC QTY Units	ACCEP PRIOR TO 1 OCT	BAL DUE AS OF 1 OCT	Calendar Year 08													Calendar Year 09													
						O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P			

Tactical Firefighting Truck with FRET																													
1	FY 06	A	25	25																								0	
1	FY 07	A	33	3	30	3	3	3	3	3	3	3	2	2	2													0	
1	FY 08	A	17	0	17			A								2	2	2	2	2	1	1	1	1	1	1	1	0	
1	FY 09	A	10	0	10															A							1	9	
Total			85	28	57	3	3	3	3	3	3	3	2	2	2	2	2	2	2	2	1	1	1	1	1	1	1	9	
						O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P

M F R	Name - Location	PRODUCTION RATES			Reached D+	MFR	ADMIN LEAD TIME		MFR After 1 Oct	TOTAL After 1 Oct	REMARKS	
		MIN	1-8-5	MAX			Prior 1 Oct	After 1 Oct				
1	Pierce Manufacturing Inc., Appleton, WI	2	5	10	12	1	Initial	0	7	9	16	Pierce Mfg. has a multi-product commercial line which minimizes the impact of production break shown.
							Reorder	0	2	9	11	
							Initial					
							Reorder					
							Initial					
							Reorder					
							Initial					
							Reorder					

**FY 10 / 11 BUDGET PRODUCTION SCHEDULE**

P-1 ITEM NOMENCLATURE  
TRUCK, FIREFIGHTING, TACTICAL (D15802)

Date: February 2007

COST ELEMENTS					Fiscal Year 10													Fiscal Year 11													Later	
MFR	FY	SERV	PROC QTY Units	ACCEP PRIOR TO 1 OCT	BAL DUE AS OF 1 OCT	Calendar Year 10													Calendar Year 11													
						OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP			
Tactical Firefighting Truck with FRET																																
1	FY 06	A	25	25																								0				
1	FY 07	A	33	33																								0				
1	FY 08	A	17	17																								0				
1	FY 09	A	10	1	9	1	1	1	1	1	1	1	1															0				
Total			85	76	9	1	1	1	1	1	1	1	1																			
						OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP			

MFR	Name - Location	PRODUCTION RATES			Reached D+	MFR	ADMIN LEAD TIME		MFR After 1 Oct	TOTAL After 1 Oct	REMARKS
		MIN	1-8-5	MAX			Prior 1 Oct	After 1 Oct			
								1	Initial		
1	Pierce Manufacturing Inc., Appleton, WI	2	5	10	12		Initial	0	7	9	16
							Reorder	0	2	9	11
							Initial				
							Reorder				
							Initial				
							Reorder				
							Initial				
							Reorder				
							Initial				
							Reorder				

**Exhibit P-40, Budget Item Justification Sheet**

Date: February 2007

Appropriation / Budget Activity / Serial No:  
Other Procurement, Army / 1 / Tactical and support vehicles

P-1 Item Nomenclature  
HEMTT BASED WATER TENDER (HEWATT) (D15805)

Program Elements for Code B Items:

Code:  
A

Other Related Program Elements:

	Prior Years	FY 2006	FY 2007	FY 2008	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	To Complete	Total Prog
Proc Qty				23	31						54
Gross Cost				13.1	17.9						31.0
Less PY Adv Proc											
Plus CY Adv Proc											
Net Proc P1				13.1	17.9						31.0
Initial Spares											
Total Proc Cost				13.1	17.9						31.0
Flyaway U/C											
Weapon System Proc U/C				0.6	0.6						1.1

**Description:**

The XM1158 HEMTT-based Water Tender (HEWATT) is a companion to and a variant of the M1142 Tactical Firefighting Truck (TFFT). The HEWATT supports the Army's requirement for a water tender capability for Table of Organization and Equipment (TOE) Army Engineer Firefighting detachments and Ordnance Ammunition Companies deployable worldwide to support combatant commanders, and within CONUS for Homeland Security and civilian firefighting support missions. The HEWATT is the replacement for the M916 6000 gallon tanker and will carry a 2,500 gallon polypropylene water tank, a Darley 500 gpm pump (hydraulic drive), a booster reel with capacity for 200 feet of 1.0 inch booster hose (electric rewind), 400 feet of 3.0 inch inlet and fill valving identical to the TFFT. Like the TFFT, the HEWATT is required to have HEMTT-like mobility, providing the soldier with an increase in cross country speed and mobility and providing greater throughput of water at the scene of a fire.

**Justification:**

FY 2008/2009 procures 54 HEMTT-based Water Tenders (HEWATT), to support five Army Reserve Engineer Fire Fighting Detachments and two National Guard Units in Nebraska, Texas, Kansas and Kentucky. This procurement will allow the engineering fire fighting detachments to be deployed with their full complement of fire fighting equipment.

HEWATT program funding was under BLIN 152 through FY 2007, but has been moved to BLIN 6 starting in FY 2008.

Exhibit P-5, Weapon OPA1 Cost Analysis	Appropriation/Budget Activity/Serial No: Other Procurement, Army / 1 / Tactical and support vehicles			P-1 Line Item Nomenclature: HEMTT BASED WATER TENDER (HEWATT) (D15805)			Weapon System Type:			Date: February 2007			
OPA1 Cost Elements	ID CD	FY 06			FY 07			FY 08			FY 09		
		Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost
		\$000	Each	\$000	\$000	Each	\$000	\$000	Each	\$000	\$000	Each	\$000
HEMTT Based Water Tender								11109	23	483	15190	31	490
<b>Sub Total</b>								<b>11109</b>			<b>15190</b>		
ECPs								307			456		
Government Testing								250			350		
Documentation								200			200		
Engineering Support								230			300		
Quality Support								220			309		
Special Tools								200			220		
System Fieldings								300			325		
PM Support								300			550		
<b>Total:</b>								<b>13116</b>			<b>17900</b>		



## Exhibit P-5a, Budget Procurement History and Planning

Date:  
February 2007

Appropriation/Budget Activity/Serial No: Other Procurement, Army/ 1/ Tactical and support vehicles		Weapon System Type:	P-1 Line Item Nomenclature: HEMTT BASED WATER TENDER (HEWATT) (D15805)							
WBS Cost Elements:	Contractor and Location	Contract Method and Type	Location of PCO	Award Date	Date of First Delivery	QTY Each	Unit Cost \$000	Specs Avail Now?	Date Revsn Avail	RFP Issue Date
<b>HEMTT Based Water Tender</b>										
FY 2008	Pierce Manufacturing Inc. Appleton, WI	SS/REQ (2)	TACOM, Warren, MI	Jan 08	Nov 08	23	483	YES	N/A	N/A
FY 2009	Pierce Manufacturing Inc. Appleton, WI	SS/REQ (3)	TACOM, Warren, MI	Jan 09	Nov 09	31	490	YES	N/A	N/A

REMARKS:

<b>FY 08 / 09 BUDGET PRODUCTION SCHEDULE</b>	P-1 ITEM NOMENCLATURE HEMTT BASED WATER TENDER (HEWATT) (D15805)	Date: February 2007
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COST ELEMENTS						Fiscal Year 08														Fiscal Year 09														Later	
M F R	FY	S E R V	PROC QTY Each	ACCEP PRIOR TO 1 OCT	BAL DUE AS OF 1 OCT	Calendar Year 08														Calendar Year 09															
						O	N	D	J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J	J	A	S						
						C	O	E	A	E	A	P	A	U	U	U	E	C	O	V	E	A	E	A	P	A	U	U	U	E					
HEMTT Based Water Tender																																			
1	FY 08	A	23	0	23				A											2	2	2	2	2	2	2	2	2	2	2	2	2	2	1	
1	FY 09	A	31	0	31																														31
Total																																			
			54		54															2	2	2	2	2	2	2	2	2	2	2	2	2	2	32	
						O	N	D	J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J	J	A	S						
						C	O	E	A	E	A	P	A	U	U	U	E	C	O	V	E	A	E	A	P	A	U	U	U	E					

M F R	Name - Location	PRODUCTION RATES			Reached D+	MFR	ADMIN LEAD TIME		MFR After 1 Oct	TOTAL After 1 Oct	REMARKS	
		MIN	1-8-5	MAX			1	Prior 1 Oct				After 1 Oct
								Initial				Reorder
1	Pierce Manufacturing Inc., Appleton, WI	1	2	4		1	0	6	10	16		
							0	3	10	13		

<b>FY 10 / 11 BUDGET PRODUCTION SCHEDULE</b>	P-1 ITEM NOMENCLATURE HEMTT BASED WATER TENDER (HEWATT) (D15805)	Date: February 2007
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COST ELEMENTS						Fiscal Year 10														Fiscal Year 11														Later
MFR	FY	SERV	PROC QTY Each	ACCEP PRIOR TO 1 OCT	BAL DUE AS OF 1 OCT	Calendar Year 10														Calendar Year 11														
						OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP					
HEMTT Based Water Tender																																		
1	FY 08	A	23	22	1	1																								0				
1	FY 09	A	31	0	31		3	3	3	3	3	3	3	2	2	2	2	2												0				
Total							54	22	32	1	3	3	3	3	3	3	3	3	2	2	2	2	2											
						OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP					

MFR	Name - Location	PRODUCTION RATES			Reached D+	MFR	ADMIN LEAD TIME		MFR After 1 Oct	TOTAL After 1 Oct	REMARKS
		MIN	1-8-5	MAX			Prior 1 Oct	After 1 Oct			
1	Pierce Manufacturing Inc., Appleton, WI	1	2	4	1	Initial	0	6	10	16	
						Reorder	0	3	10	13	
						Initial					
						Reorder					
						Initial					
						Reorder					
						Initial					
						Reorder					
						Initial					
						Reorder					

**Exhibit P-40, Budget Item Justification Sheet**

Date: February 2007

Appropriation / Budget Activity / Serial No:  
Other Procurement, Army / 1 / Tactical and support vehicles

P-1 Item Nomenclature  
FAMILY OF HEAVY TACTICAL VEHICLES (FHTV) (DA0500)

Program Elements for Code B Items:

Code:  
A

Other Related Program Elements:

	Prior Years	FY 2006	FY 2007	FY 2008	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	To Complete	Total Prog
Proc Qty	22243										22243
Gross Cost	5526.4	369.5	1011.9	483.0	606.7	818.1	476.3	533.9	98.4		9924.3
Less PY Adv Proc											
Plus CY Adv Proc											
Net Proc P1	5526.4	369.5	1011.9	483.0	606.7	818.1	476.3	533.9	98.4		9924.3
Initial Spares	0.9										0.9
Total Proc Cost	5527.3	369.5	1011.9	483.0	606.7	818.1	476.3	533.9	98.4		9925.2
Flyaway U/C											
Weapon System Proc U/C	0.1										0.1

**Description:**

The Family of Heavy Tactical Vehicles (FHTV) is used in line haul, local haul, unit resupply, and other missions throughout the tactical environment to support modern and highly mobile combat units. Systems include the Palletized Load System (PLS) and its companion trailers, flat racks (Container Roll-in/Out Platform (CROP)), Container Handling Units (CHU), and the Movement Tracking System (MTS), as well as the Heavy Expanded Mobility Tactical Truck (HEMTT). The FHTV line also includes the Forward Repair System (FRS), which is a mobile maintenance platform that mounts on a PLS or HEMTT.

**Justification:**

FY 08/09 funding procures PLS equipment, which includes PLS Trucks qty 325, Trailers qty 1992, CROP qty 3223, CHU qty 517, and MTS qty 6178; HEMTT Tankers qty 225, Wreckers qty 15, HEMTT M1120 Load Handling Systems (LHS) qty 1045; and FRS qty 579. The FY08/09 funding will fill requirements in support of Stryker Brigade Combat Team (SBCT), Modular Brigade Combat Teams (BCT), Patriot Units, Combat Engineers, Army Pre-positioned Stocks (APS), 82nd Airborne Division, Korea, and National Guard and Army Reserve Units.

FY06/07 totals include supplemental funding of \$142.1M and \$660.1M respectively, to support the global war on terrorism (GWOT).

<b>Exhibit P-5, Weapon OPA1 Cost Analysis</b>		Appropriation/Budget Activity/Serial No: Other Procurement, Army / 1 / Tactical and support vehicles			P-1 Line Item Nomenclature: FAMILY OF HEAVY TACTICAL VEHICLES (FHTV) (DA0500)			Weapon System Type:			Date: February 2007		
<b>OPA1 Cost Elements</b>	ID CD	<b>FY 06</b>			<b>FY 07</b>			<b>FY 08</b>			<b>FY 09</b>		
		Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost
		\$000	Each	\$000	\$000	Each	\$000	\$000	Each	\$000	\$000	Each	\$000
<b>Family of Heavy Tactical Vehicles</b>													
<b>FHTV (DA0500)</b>													
<b>HEMTT, ALL BODY TYPES (D16204)</b>													
Tanker, M978A2	A	35446	100	354	148862	434	343	35138	125	281	32402	100	324
Wrecker, M984A2	A	34924	85	411	102792	240	428	4734	10	473	2258	5	452
LHS Cargo, M1120A2	A	5334	18	296	82320	280	294	117289	370	317	198800	675	295
Cargo, M985A2													
Tractor, M983A2	A	2520	10	252									
HETs Truck					87237	231	378						
HETs Trailer					63960	236	271						
<b>Forward Repair System (D16400)</b>													
Forward Repair System	A	60321	181	333	79733	225	354	93359	284	329	113060	295	383
<b>PALLETIZED LOAD SYSTEM (D16500)</b>													
PLS Truck	A	111118	273	407	165578	415	399	51521	125	412	74278	200	371
PLS Trailer	A	82534	1423	58	129689	2573	50	81896	1412	58	33546	580	58
Cargo Bed (Flatrack)	A	5550	555	10	38936	4320	9	18084	1650	11	22263	1573	14
Container Handling Unit	A	4950	110	45	9978	254	39	7798	190	41	20446	327	63
Movement Tracking System (MTS)	A	26815	993	27	102794	3671	28	73204	2524	29	109601	3654	30
<b>Total:</b>		<b>369512</b>			<b>1011879</b>			<b>483023</b>			<b>606654</b>		

**Exhibit P-40, Budget Item Justification Sheet**

Date: February 2007

Appropriation / Budget Activity / Serial No:  
Other Procurement, Army / 1 / Tactical and support vehicles

P-1 Item Nomenclature  
TRUCK, CARGO, 57000 GVW, 8X8 (D16204)

Program Elements for Code B Items:

Code:  
A

Other Related Program Elements:

	Prior Years	FY 2006	FY 2007	FY 2008	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	To Complete	Total Prog
Proc Qty	16491	213	1185	505	780	1394	980	1080	165	685	23478
Gross Cost	1621.3	78.2	482.7	157.2	233.5	373.3	253.9	298.9	49.0	184.1	3732.0
Less PY Adv Proc											
Plus CY Adv Proc											
Net Proc P1	1621.3	78.2	482.7	157.2	233.5	373.3	253.9	298.9	49.0	184.1	3732.0
Initial Spares											
Total Proc Cost	1621.3	78.2	482.7	157.2	233.5	373.3	253.9	298.9	49.0	184.1	3732.0
Flyaway U/C											
Weapon System Proc U/C	0.8										0.8

**Description:**

The Heavy Expanded Mobility Tactical Truck (HEMTT) is a 10-ton, 8-wheel drive truck in all body styles, including two cargo configurations, a wrecker, a tanker, load handling system (LHS) and a tractor. The HEMTT transports ammunition, petroleum, oils and lubricants and is used as the prime mover for certain missile systems. The HEMTT is C130-transportable and supports the Army's modularity objectives. The M1120A2 Load Handling System (LHS) is an essential Combat Service Support enabler in both the Stryker Brigade Combat Team (SBCT) and the Modular Brigade Combat Teams (BCT) for modular delivery of fuel, ammunition and other classes of supply in forward areas. The M977A2 series of vehicles are used for resupply of field artillery ammunition and forward area rearm in armor, cavalry, and infantry units. The M985A2 Cargo has a heavier suspension than the M977A2 and is used for direct rearming of the Multiple Launch Rocket System (MLRS) and transport of Patriot erectors/launchers. The M984A2 Wrecker is the recovery vehicle for other wheeled support and combat vehicle systems and is the only recovery vehicle in the SBCT. The M978A2 Tanker is a 2500-Gallon Fuel Transporter and is an essential Combat Service Support enabler in the SBCT and BCT. The M983A2 Light Equipment Transporter (LET) has a Fifth Wheel Vertical Loading capacity of 20 Tons and a Gross Vehicle Combined Weight (GVCW) of 62.5 Tons and is used for enhanced mobility of forward deployed engineering units.

**Justification:**

FY08/09 Procures qty 225 HEMTT M978 Tankers, qty 15 HEMTT M984 Wreckers, qty 1045 HEMTT M1120 Load Handling Systems (LHS). Procurements will fill SBCT activation, National Guard, Army Reserve, and Army Preposition Stock requirements and modularity conversion requirements.

FY06/07 totals include supplemental funding of \$0 and \$205.868M respectively, to support the global war on terrorism (GWOT).

<b>Exhibit P-5, Weapon OPA1 Cost Analysis</b>		Appropriation/Budget Activity/Serial No: Other Procurement, Army / 1 / Tactical and support vehicles			P-1 Line Item Nomenclature: TRUCK, CARGO, 57000 GVW, 8X8 (D16204)			Weapon System Type:			Date: February 2007			
<b>OPA1 Cost Elements</b>		ID	<b>FY 06</b>			<b>FY 07</b>			<b>FY 08</b>			<b>FY 09</b>		
		CD	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost
			\$000	Each	\$000	\$000	Each	\$000	\$000	Each	\$000	\$000	Each	\$000
<b>1. Hardware - HEMTT All Body Types</b>														
			25899	100	259	71423	269	266	31524	111	284	25742	88	293
						45295	165	275	4130	14	295	3648	12	304
			28292	85	333	84832	240	353	3810	10	381	1960	5	392
			3950	18	219	61531	280	220	86950	370	235	163350	675	242
			2099	10	210									
						87237	231	378						
						63960	236	271						
			<b>60240</b>			<b>414278</b>			<b>126414</b>			<b>194700</b>		
			7229			42038			15170			18286		
			1807			10684			4272			5705		
			350			800			700			750		
			525			700			500			700		
			500			1125			750			825		
			350			300			300			400		
			200			770			550			600		
			4095			7658			5405			7994		
			2928			4356			3100			3500		
			<b>78224</b>			<b>482709</b>			<b>157161</b>			<b>233460</b>		

## Exhibit P-5a, Budget Procurement History and Planning

Date:  
February 2007

Appropriation/Budget Activity/Serial No: Other Procurement, Army/ 1/ Tactical and support vehicles	Weapon System Type:	P-1 Line Item Nomenclature: TRUCK, CARGO, 57000 GVW, 8X8 (D16204)								
WBS Cost Elements:	Contractor and Location	Contract Method and Type	Location of PCO	Award Date	Date of First Delivery	QTY Each	Unit Cost \$000	Specs Avail Now?	Date Revsn Avail	RFP Issue Date
<b>Tanker M978A2 W/O</b>										
FY 2006	Oshkosh Truck Corp Oshkosh, WI	SS/REQ/PY 6	TACOM, Warren, MI	Dec 05	Aug 06	100	259	YES	N/A	N/A
FY 2007	Oshkosh Truck Corp Oshkosh, WI	SS/FFP/Y1	TACOM, Warren, MI	Jan 07	Sep 07	269	266	YES	N/A	N/A
FY 2008	Oshkosh Truck Corp Oshkosh, WI	SS/FFP/Y2	TACOM, Warren, MI	Jan 08	Sep 08	111	284	YES	N/A	N/A
FY 2009	Oshkosh Truck Corp Oshkosh, WI	SS/FFP/Y3	TACOM, Warren, MI	Jan 09	Sep 09	88	293	YES	N/A	N/A
<b>Tanker M978A2 W/W</b>										
FY 2007	Oshkosh Truck Corp Oshkosh, WI	SS/FFP/Y1	TACOM, Warren, MI	Jan 07	Sep 07	165	275	YES	N/A	N/A
FY 2008	Oshkosh Truck Corp Oshkosh, WI	SS/FFP/Y2	TACOM, Warren, MI	Jan 08	Sep 08	14	295	YES	N/A	N/A
FY 2009	Oshkosh Truck Corp Oshkosh, WI	SS/FFP/Y3	TACOM, Warren, MI	Jan 09	Sep 09	12	304	YES	N/A	N/A
<b>Wrecker M984A2</b>										
FY 2006	Oshkosh Truck Corp Oshkosh, WI	SS/REQ/PY 5	TACOM, Warren, MI	Dec 05	Aug 06	85	333	YES	N/A	N/A
FY 2007	Oshkosh Truck Corp Oshkosh, WI	SS/FFP/Y1	TACOM, Warren, MI	Jan 07	Sep 07	240	353	YES	N/A	N/A
FY 2008	Oshkosh Truck Corp Oshkosh, WI	SS/FFP/Y2	TACOM, Warren, MI	Jan 08	Sep 08	10	381	YES	N/A	N/A
FY 2009	Oshkosh Truck Corp Oshkosh, WI	SS/FFP/Y3	TACOM, Warren, MI	Jan 09	Sep 09	5	392	YES	N/A	N/A
<b>LHS Cargo M1120A2</b>										
FY 2006	Oshkosh Truck Corp Oshkosh, WI	SS/REQ/PY 5	TACOM, Warren, MI	Dec 05	Aug 06	18	219	YES	N/A	N/A
FY 2007	Oshkosh Truck Corp Oshkosh, WI	SS/FFP/Y1	TACOM, Warren, MI	Jan 07	Sep 07	280	220	YES	N/A	N/A
FY 2008	Oshkosh Truck Corp Oshkosh, WI	SS/FFP/Y2	TACOM, Warren, MI	Jan 08	Sep 08	370	235	YES	N/A	N/A
FY 2009	Oshkosh Truck Corp Oshkosh, WI	SS/FFP/Y3	TACOM, Warren, MI	Jan 09	Sep 09	675	242	YES	N/A	N/A
<b>Tractor M983A2</b>										



### Exhibit P-5a, Budget Procurement History and Planning

Date:  
February 2007

Appropriation/Budget Activity/Serial No: Other Procurement, Army/ 1/ Tactical and support vehicles		Weapon System Type:	P-1 Line Item Nomenclature: TRUCK, CARGO, 57000 GVW, 8X8 (D16204)							
WBS Cost Elements:	Contractor and Location	Contract Method and Type	Location of PCO	Award Date	Date of First Delivery	QTY Each	Unit Cost \$000	Specs Avail Now?	Date Revsn Avail	RFP Issue Date
FY 2006 <b>HETs Truck</b>	Oshkosh Truck Corp Oshkosh, WI	SS/REQ/PY 5	TACOM, Warren, MI	Dec 05	Aug 06	10	210	YES	N/A	N/A
FY 2007 <b>HETS Trailer</b>	Oshkosh Truck Corp Oshkosh, WI	SS/FFP/Y1	TACOM, Warren, MI	Mar 07	Sep 07	231	378			
FY 2007	TBS HETs Trailer	SS/FFP/Y1	TACOM, Warren, MI	Mar 07	Sep 07	236	271			

REMARKS:

<b>FY 06 / 07 BUDGET PRODUCTION SCHEDULE</b>										P-1 ITEM NOMENCLATURE TRUCK, CARGO, 57000 GVW, 8X8 (D16204)										Date: February 2007	
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COST ELEMENTS						Fiscal Year 06													Fiscal Year 07													Later
M F R	FY	S E R V	PROC QTY Units	ACCEP PRIOR TO 1 OCT	BAL DUE AS OF 1 OCT	Calendar Year 06													Calendar Year 07													
						O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P			
Tanker M978A2 W/O																																
1	FY 06	A	100	0	100			A								9	9	9	9	8	8	8	8	8	8	8	8	8	0			
1	FY 07	A	269	0	269																							23	246			
1	FY 08	A	111	0	111																								111			
1	FY 09	A	88	0	88																								88			
Tanker M978A2 W/W																																
1	FY 07	A	165	0	165																							14	151			
1	FY 08	A	14	0	14																								14			
1	FY 09	A	12	0	12																								12			
Wrecker M984A2																																
1	FY 06	A	85	0	85			A								8	7	7	7	7	7	7	7	7	7	7	7	7	0			
1	FY 07	A	240	0	240																							20	220			
1	FY 08	A	10	0	10																								10			
1	FY 09	A	5	0	5																								5			
LHS Cargo M1120A2																																
1	FY 06	A	18	0	18			A								2	2	2	2	2	2	2	1	1	1	1	1	1	0			
1	FY 07	A	280	0	280																							24	256			
						O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P			

M F R	Name - Location	PRODUCTION RATES				Reached D+	MFR	ADMIN LEAD TIME		MFR After 1 Oct	TOTAL After 1 Oct	REMARKS
		MIN	1-8-5	MAX	Prior 1 Oct			After 1 Oct				
									Initial			
1	Oshkosh Truck Corp, Oshkosh, WI	1	484	616	12	1	0	2	8	10	Note: Government EOQ 1-8-5 production rate (484/month) accommodates mix of government and commercial production on contractor's integrated production line. Max rate (616/month) reflects contractor capacity using second shift dedicated to government production.	
							0	3	8	11		
2	TBS, HETs Trailer	1	8	25	12	2	0	5	6	11		
							0	3	8	11		
							Initial					
							Reorder					
							Initial					
							Reorder					

<b>FY 06 / 07 BUDGET PRODUCTION SCHEDULE</b>	P-1 ITEM NOMENCLATURE TRUCK, CARGO, 57000 GVW, 8X8 (D16204)	Date: February 2007
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COST ELEMENTS					Fiscal Year 06														Fiscal Year 07														Later
M F R	FY	S E R V	PROC QTY Units	ACCEP PRIOR TO 1 OCT	BAL DUE AS OF 1 OCT	Calendar Year 06														Calendar Year 07													
						O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P				
1	FY 08	A	370	0	370																											370	
1	FY 09	A	675	0	675																											675	
Tractor M983A2																																	
1	FY 06	A	10	0	10				A							1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0		
HETs Truck																																	
1	FY 07	A	231	0	231																							A			20	211	
HETS Trailer																																	
2	FY 07	A	236	0	236																							A			20	216	
Total			2919		2919											20	19	19	19	18	18	17	17	17	17	17	16	16		121	2585		
						O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P				

M F R	Name - Location	PRODUCTION RATES			Reached D+	MFR	ADMIN LEAD TIME		MFR After 1 Oct	TOTAL After 1 Oct	REMARKS
		MIN	1-8-5	MAX			Prior 1 Oct	After 1 Oct			
		1	Oshkosh Truck Corp, Oshkosh, WI	1			484	616	12	1	
2	TBS, HETs Trailer	1	8	25	12	2	Initial 0	5 3	6 8	11 11	
							Initial				
							Reorder				
							Initial				
							Reorder				
							Initial				
							Reorder				

<b>FY 08 / 09 BUDGET PRODUCTION SCHEDULE</b>	P-1 ITEM NOMENCLATURE TRUCK, CARGO, 57000 GVW, 8X8 (D16204)	Date: February 2007
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COST ELEMENTS						Fiscal Year 08												Fiscal Year 09												Later
M F R	FY	S E R V	PROC QTY Units	ACCEP PRIOR TO 1 OCT	BAL DUE AS OF 1 OCT	Calendar Year 08												Calendar Year 09												
						O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	
Tanker M978A2 W/O																														
1	FY 06	A	100	100																									0	
1	FY 07	A	269	23	246	23	23	23	23	22	22	22	22	22	22														0	
1	FY 08	A	111	0	111				A							10	10	10	9	9	9	9	9	9	9	9	9	9	0	
1	FY 09	A	88	0	439																							8	431	
Tanker M978A2 W/W																														
1	FY 07	A	165	0	6	14	14	14	14	14	14	14	14	13	13	13													-145	
1	FY 08	A	14	0	14				A							2	2	1	1	1	1	1	1	1	1	1	1	1	0	
1	FY 09	A	12	0	12																							1	11	
Wrecker M984A2																														
1	FY 06	A	85	85																									0	
1	FY 07	A	240	20	220	20	20	20	20	20	20	20	20	20	20														0	
1	FY 08	A	10	0	10				A							1	1	1	1	1	1	1	1	1	1	1	1	1	0	
1	FY 09	A	5	0	5																							1	4	
LHS Cargo M1120A2																														
1	FY 06	A	18	18																									0	
1	FY 07	A	280	24	256	24	24	24	23	23	23	23	23	23	23														0	
						O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	

M F R	Name - Location	PRODUCTION RATES				Reached D+	MFR	ADMIN LEAD TIME		MFR After 1 Oct	TOTAL After 1 Oct	REMARKS
		MIN	1-8-5	MAX	Prior 1 Oct			After 1 Oct				
									1			
1	Oshkosh Truck Corp, Oshkosh, WI	1	484	616	12	1	Initial	0	2	8	10	REMARKS Note: Government EOQ 1-8-5 production rate (484/month)accommodates mix of government and commerical production on contractor's integrated production line. Max rate (616/month) reflects contractor capacity using second shift dedicated to government production.
						2	Reorder	0	3	8	11	
2	TBS, HETs Trailer	1	8	25	12	2	Initial	0	5	6	11	
							Reorder	0	3	8	11	
							Initial					
							Reorder					
							Initial					
							Reorder					



<b>FY 10 / 11 BUDGET PRODUCTION SCHEDULE</b>	P-1 ITEM NOMENCLATURE TRUCK, CARGO, 57000 GVW, 8X8 (D16204)	Date: February 2007
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COST ELEMENTS						Fiscal Year 10												Fiscal Year 11												Later
M F R	FY	S E R V	PROC QTY Units	ACCEP PRIOR TO 1 OCT	BAL DUE AS OF 1 OCT	Calendar Year 10												Calendar Year 11												
						O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	
Tanker M978A2 W/O																														
1	FY 06	A	100	100																									0	
1	FY 07	A	269	269																									0	
1	FY 08	A	111	111																									0	
1	FY 09	A	88	-343	431	8	8	8	7	7	7	7	7	7	7														351	
Tanker M978A2 W/W																														
1	FY 07	A	165	310	-145																								-145	
1	FY 08	A	14	14																									0	
1	FY 09	A	12	1	11	1	1	1	1	1	1	1	1	1	1														0	
Wrecker M984A2																														
1	FY 06	A	85	85																									0	
1	FY 07	A	240	240																									0	
1	FY 08	A	10	10																									0	
1	FY 09	A	5	1	4	1	1	1	1																				0	
LHS Cargo M1120A2																														
1	FY 06	A	18	18																									0	
1	FY 07	A	280	280																									0	

M F R	Name - Location	PRODUCTION RATES				Reached D+	MFR	ADMIN LEAD TIME		MFR After 1 Oct	TOTAL After 1 Oct	REMARKS
		MIN	1-8-5	MAX	Prior 1 Oct			After 1 Oct				
									1			
1	Oshkosh Truck Corp, Oshkosh, WI	1	484	616	12	1	Initial	0	2	8	10	Note: Government EOQ 1-8-5 production rate (484/month) accommodates mix of government and commercial production on contractor's integrated production line. Max rate (616/month) reflects contractor capacity using second shift dedicated to government production.
							Reorder	0	3	8	11	
2	TBS, HETs Trailer	1	8	25	12	2	Initial	0	5	6	11	
							Reorder	0	3	8	11	
							Initial					
							Reorder					
							Initial					
							Reorder					

**FY 10 / 11 BUDGET PRODUCTION SCHEDULE**

P-1 ITEM NOMENCLATURE  
TRUCK, CARGO, 57000 GVW, 8X8 (D16204)

Date:  
February 2007

COST ELEMENTS						Fiscal Year 10																Fiscal Year 11																Later
MFR	FY	SERV	PROC QTY	ACCEP TO 1 OCT	BAL DUE AS OF 1 OCT	Calendar Year 10																Calendar Year 11																
						OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP									
1	FY 08	A	370	370																															0			
1	FY 09	A	675	57	618	57	57	56	56	56	56	56	56	56	56	56																		0				
Tractor M983A2																																						
1	FY 06	A	10	10																													0					
HETs Truck																																						
1	FY 07	A	231	231																													0					
HETS Trailer																																						
2	FY 07	A	236	236																													0					
Total						2919	2000	919	67	67	66	65	64	64	64	64	64	64	64	64	64													206				
						OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP									

MFR	Name - Location	PRODUCTION RATES			Reached D+	MFR	ADMIN LEAD TIME	MFR	TOTAL	REMARKS
		MIN	1-8-5	MAX						
		Prior 1 Oct	After 1 Oct	After 1 Oct	After 1 Oct					
1	Oshkosh Truck Corp, Oshkosh, WI	1	484	616	12	1	Initial	8	10	Note: Government EOQ 1-8-5 production rate (484/month) accommodates mix of government and commercial production on contractor's integrated production line. Max rate (616/month) reflects contractor capacity using second shift dedicated to government production.
					1	Reorder	3	11		
2	TBS, HETs Trailer	1	8	25	12	2	Initial	6	11	
					2	Reorder	3	11		
						Initial				
						Reorder				
						Initial				
						Reorder				

**Exhibit P-40, Budget Item Justification Sheet**

Date: February 2007

Appropriation / Budget Activity / Serial No:  
Other Procurement, Army / 1 / Tactical and support vehicles

P-1 Item Nomenclature  
FORWARD REPAIR SYSTEM (FRS) (D16400)

Program Elements for Code B Items:

Code:  
A

Other Related Program Elements:

	Prior Years	FY 2006	FY 2007	FY 2008	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	To Complete	Total Prog
Proc Qty	321	181	225	284	312	297	25				1645
Gross Cost	304.7	60.3	82.2	93.4	113.1	110.6	9.5				773.7
Less PY Adv Proc											
Plus CY Adv Proc											
Net Proc P1	304.7	60.3	82.2	93.4	113.1	110.6	9.5				773.7
Initial Spares											
Total Proc Cost	304.7	60.3	82.2	93.4	113.1	110.6	9.5				773.7
Flyaway U/C											
Weapon System Proc U/C											

**Description:**

The Forward Repair System (FRS) is a high-mobility, forward maintenance system that reduces Repair Cycle Time. The FRS places tools, diagnostic test equipment, and heavy lift capability in one package to provide key maintenance support in the forward battle area through the brigade support battalion, field support company or maintenance field company. The FRS is configured with a 5.5 ton lift capacity with a 14 ft. (4.3M) radius crane capable of removing and replacing major components, including full up powerpacks (FUPPS) on all models of military vehicles. The crane traverses, extends, and has the necessary reach and hook height to remove/replace a powerpack from a combat vehicle. An integrated 35 KW generator is the source of electrical power for onboard systems and provides hydraulic power to the crane. Additionally, the FRS has its own air source for air tools and inflatable lifting devices. It has limited spot welding and cutting capabilities, a tailored set of industrial quantity hand and power tools, and its own on-board power source. The power source provides power sufficient to operate the crane, welding equipment, power tools, and the on-board electrical system. The FRS provides storage space for the Maintenance Support Device (MSD), General Mechanics Tool Kits (GMTKs), Battle Damage Assessment and Repair (BDAR) kits, combat spares, and other supporting equipment. The FRS will free the M88 recovery vehicle from its present captive role as a repair vehicle, which means increased availability of M88 recovery vehicles for recovery missions. The FRS meets the maneuver commander's need for a repair system that is responsive, effective, and reduces the number of systems requiring evacuation.

**Justification:**

FY 2008 / 2009 procures 596 FRS modules. The FRS uniquely fills the existing need for a forward, mobile maintenance/repair system, capable of returning disabled heavy force systems back to operational conditions. FRS, with the Palletized Load System (PLS) level of mobility, allows the forces to reach most disabled system locations to replace parts forward, thus minimizing any additional maintenance vehicle/personnel support. The FRS equally supports expeditionary and modularity requirements, and is a "must have" enabler for both the digitized division and BCTs/Future Combat Systems' Complementary System. FRS is intended to augment lift and maintenance capabilities at all the Forward Operation Bases; thereby, increasing combat power and decreasing soldier vulnerability within the theater of operation. The fielding of the FRS to Heavy and Light Brigade Combat Teams (BCTs), Stryker Brigade Combat Teams (SBCTs), and Aviation/Fires/Maneuver Enhancement/Reconnaissance, Surveillance, and Target Acquisition Brigades supports the modular conversion of the Army Active Component and National Guard.

FY 2006 / 2007 totals include supplemental funding of \$39.800 Million and \$20.635 Million respectively, to support the Global War on Terrorism (GWOT)



<b>Exhibit P-5, Weapon OPA1 Cost Analysis</b>		Appropriation/Budget Activity/Serial No: Other Procurement, Army / 1 / Tactical and support vehicles			P-1 Line Item Nomenclature: FORWARD REPAIR SYSTEM (FRS) (D16400)			Weapon System Type:			Date: February 2007			
<b>OPA1 Cost Elements</b>		ID	<b>FY 06</b>			<b>FY 07</b>			<b>FY 08</b>			<b>FY 09</b>		
		CD	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost
			\$000	Each	\$000	\$000	Each	\$000	\$000	Each	\$000	\$000	Each	\$000
1. Forward Repair System		A	56110	181	310	71550	225	318	88608	284	312	99415	312	318
2. ECPs			155			66			75			105		
4. System Fielding Support			641			2600			994			3247		
5. Authorized Stockage Level, Direct Support/General Support			455			1425			227			1780		
6. Documentation			370			580			346			620		
7. Engineering Support			228			195			191			295		
8. Quality Assurance Support			187			275			180			295		
9. Program Management Support			1829			3560			1687			4712		
10. Transportation			346			1944			1051			2591		
<b>Total:</b>			<b>60321</b>			<b>82195</b>			<b>93359</b>			<b>113060</b>		

## Exhibit P-5a, Budget Procurement History and Planning

Date:  
February 2007

Appropriation/Budget Activity/Serial No: Other Procurement, Army/ 1/ Tactical and support vehicles		Weapon System Type:	P-1 Line Item Nomenclature: FORWARD REPAIR SYSTEM (FRS) (D16400)							
WBS Cost Elements:	Contractor and Location	Contract Method and Type	Location of PCO	Award Date	Date of First Delivery	QTY Each	Unit Cost \$000	Specs Avail Now?	Date Revsn Avail	RFP Issue Date
<b>1. Forward Repair System</b>										
FY 2006	Rock Island Arsenal Rock Island, IL	SS/FFP	PM SKOT, Rock Island IL	Mar 06	Oct 06	181	310	Yes		
FY 2007	Rock Island Arsenal Rock Island, IL	SS/FFP	PM SKOT, Rock Island IL	Dec 06	Jul 07	225	318	Yes		
FY 2008	Rock Island Arsenal Rock Island, IL	SS/FFP	PM SKOT, Rock Island IL	Dec 07	Jul 08	284	312	Yes		
FY 2009	Rock Island Arsenal Rock Island, IL	SS/FFP	PM SKOT, Rock Island IL	Dec 08	Jul 09	312	318	Yes		

REMARKS:

<b>FY 06 / 07 BUDGET PRODUCTION SCHEDULE</b>	P-1 ITEM NOMENCLATURE FORWARD REPAIR SYSTEM (FRS) (D16400)	Date: February 2007
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COST ELEMENTS						Fiscal Year 06													Fiscal Year 07													Later
M F R	FY	S E R V	PROC QTY Each	ACCEP PRIOR TO 1 OCT	BAL DUE AS OF 1 OCT	Calendar Year 06													Calendar Year 07													
						O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P			

1. Forward Repair System																																				
1	FY 06	A	181	0	181																														0	
1	FY 07	A	225	0	225																															168
1	FY 08	A	284	0	284																															284
1	FY 09	A	312	0	312																															312
Total			1002		1002																															764
						O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P							

M F R	Name - Location	PRODUCTION RATES			Reached D+	MFR	ADMIN LEAD TIME		MFR After 1 Oct	TOTAL After 1 Oct	REMARKS Production Rates are monthly. Negotiating increase to "Max Rate" with current producer.
		MIN	1-8-5	MAX			Prior 1 Oct	After 1 Oct			
1	Rock Island Arsenal, Rock Island, IL	1	10	30	12	1	Initial	3	3	7	10
							Reorder	2	2	7	9
							Initial				
							Reorder				
							Initial				
							Reorder				
							Initial				
							Reorder				
							Initial				
							Reorder				



<b>FY 10 / 11 BUDGET PRODUCTION SCHEDULE</b>	P-1 ITEM NOMENCLATURE FORWARD REPAIR SYSTEM (FRS) (D16400)	Date: February 2007
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COST ELEMENTS					Fiscal Year 10													Fiscal Year 11													Later	
M F R	FY	S E R V	PROC QTY Each	ACCEP PRIOR TO 1 OCT	BAL DUE AS OF 1 OCT	Calendar Year 10													Calendar Year 11													
						O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P			

1. Forward Repair System																																	
1	FY 06	A	181	181																													0
1	FY 07	A	225	225																												0	
1	FY 08	A	284	284																											0		
1	FY 09	A	312	78	234	26	26	26	26	26	26	26	26	26	26	26	26	26	26	26	26	26	26	26	26	26	26	26	26	26	26	0	
Total			1002	768	234	26	26	26	26	26	26	26	26	26	26	26	26	26	26	26	26	26	26	26	26	26	26	26	26	26	26		
						O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P				

M F R	Name - Location	PRODUCTION RATES			Reached D+	MFR	ADMIN LEAD TIME		MFR After 1 Oct	TOTAL After 1 Oct	REMARKS	
		MIN	1-8-5	MAX			Prior 1 Oct	After 1 Oct				
1	Rock Island Arsenal, Rock Island, IL	1	10	30	12	1	Initial	3	3	7	10	
							Reorder	2	2	7	9	
							Initial					
							Reorder					
							Initial					
							Reorder					
							Initial					
							Reorder					
							Initial					
							Reorder					

**Exhibit P-40, Budget Item Justification Sheet**

Date: February 2007

Appropriation / Budget Activity / Serial No:  
Other Procurement, Army / 1 / Tactical and support vehicles

P-1 Item Nomenclature  
TRUCK, PALLETIZED LOAD SYSTEM (PLS), 10X10 (D16500)

Program Elements for Code B Items:

Code:  
A

Other Related Program Elements:

	Prior Years	FY 2006	FY 2007	FY 2008	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	To Complete	Total Prog
Proc Qty	3739	273	415	125	200	450	23	314		245	5784
Gross Cost	1690.7	231.0	447.0	232.5	260.1	334.3	212.8	235.0	49.5	17.2	3710.0
Less PY Adv Proc											
Plus CY Adv Proc											
Net Proc P1	1690.7	231.0	447.0	232.5	260.1	334.3	212.8	235.0	49.5	17.2	3710.0
Initial Spares											
Total Proc Cost	1690.7	231.0	447.0	232.5	260.1	334.3	212.8	235.0	49.5	17.2	3710.0
Flyaway U/C											
Weapon System Proc U/C	1.2										1.2

**Description:**

The Palletized Load System (PLS) consists of a 16.5-ton payload prime mover (10x10) with an integral load-handling system, which provides self-loading and unloading capability, a 16.5-ton payload trailer, and demountable cargo beds, or flatracks. The Container Handling Unit (CHU) is being fielded to transportation and ammunition units and to forward support battalions, providing the capability to pick up and transport 20-foot International Standards Organization (ISO) containers without the use of a flatrack. The Movement Tracking System (MTS) program provides a multitude of tactical wheeled vehicles (PLS, Heavy Expanded Mobility Tactical Truck, Family of Medium Tactical Vehicles, etc.) with Global Positioning System (GPS) capability and two-way digital messaging. The PLS Truck performs line haul, local haul, unit resupply and other missions in the tactical environment to support modern and highly mobile combat units and is equipped with a Central Tire Inflation System (CTIS) which significantly improves off-road mobility. Current flatrack funding buys the Container Roll-in/out Platform (CROP), an A-frame type flatrack, which fits inside a 20-foot ISO inter-modal container. The PLS Trailer, CROP, CHU, and MTS are key enablers for both the Stryker Brigade Combat Team (SBCT) and modular force structure.

**Justification:**

FY 08/09 procures 325 PLS trucks, 1992 PLS Trailers, 3223 CROPs, and 517 CHUs to support Modularity and Engineering Mission Module (EMM) fieldings, SBCT activations, National Guard, Army Reserve, and Army Preposition Stock requirements. MTS procurements of 6178 mobile units support the SBCT and modular force structure.

FY06/07 totals include supplemental funding of \$102.4M and \$261.782M respectively, to support the global war on terrorism (GWOT).

OPA1 Cost Elements	ID CD	FY 06			FY 07			FY 08			FY 09		
		Total Cost \$000	Qty Each	Unit Cost \$000	Total Cost \$000	Qty Each	Unit Cost \$000	Total Cost \$000	Qty Each	Unit Cost \$000	Total Cost \$000	Qty Each	Unit Cost \$000
<b>1. Hardware</b>													
PLS Truck		90239	273	331	136457	415	329	43783	125	350	72100	200	361
PLS Trailer		72772	1423	51	129689	2573	50	76272	1412	54	32480	580	56
Cargo Bed, Demountable		4887	555	9	38936	4320	9	16500	1650	10	15372	1573	10
PLS Container Handling Unit		4449	110	40	9978	254	39	7600	190	40	13422	327	41
Movement Tracking System		26815	993	27	102794	3671	28	73204	2524	29	109601	3654	30
<b>Subtotal</b>		<b>199162</b>			<b>417854</b>			<b>217359</b>			<b>242975</b>		
2. Engineering Changes		5170			5902			4594			4359		
3. Government Testing - ATC/YPG		875			1175			775			700		
4. Documentation		9500			750			500			500		
5. Engineering Support - Government		1545			1800			675			600		
6. Quality Assurance Supt- Government		976			1414			500			500		
7. Special Tools		775			1000			500			500		
8. System Fielding Support		9414			13340			3875			6200		
9. PM Support		3550			3740			3725			3800		
<b>Total:</b>		<b>230967</b>			<b>446975</b>			<b>232503</b>			<b>260134</b>		

## Exhibit P-5a, Budget Procurement History and Planning

Date:  
February 2007

Appropriation/Budget Activity/Serial No: Other Procurement, Army/ 1/ Tactical and support vehicles	Weapon System Type:	P-1 Line Item Nomenclature: TRUCK, PALLETIZED LOAD SYSTEM (PLS), 10X10 (D16500)								
WBS Cost Elements:	Contractor and Location	Contract Method and Type	Location of PCO	Award Date	Date of First Delivery	QTY Each	Unit Cost \$000	Specs Avail Now?	Date Revsn Avail	RFP Issue Date
<b>PLS Truck</b>										
FY 2006	Oshkosh Truck Corp (PLS) Oshkosh, WI	SS/REQ/PY 6	TACOM, Warren, MI	Dec 05	Aug 06	273	331	Yes	N/A	N/A
FY 2007	Oshkosh Truck Corp (PLS) Oshkosh, WI	SS/FFP/Y1	TACOM, Warren, MI	Jan 07	Sep 07	415	329	Yes	N/A	N/A
FY 2008	Oshkosh Truck Corp (PLS) Oshkosh, WI	SS/FFP/Y2	TACOM, Warren, MI	Jan 08	Sep 08	125	350	Yes	N/A	N/A
FY 2009	Oshkosh Truck Corp (PLS) Oshkosh, WI	SS/FFP/Y3	TACOM, Warren, MI	Jan 09	Sep 09	200	361	Yes	N/A	N/A
<b>PLS Trailer</b>										
FY 2006	Oshkosh Truck Corp (PLST) Oshkosh, WI	SS/REQ/PY 6	TACOM, Warren, MI	Dec 05	Aug 06	1423	51	Yes	N/A	N/A
FY 2007	Oshkosh Truck Corp (PLST) Oshkosh, WI	SS/FFP/Y1	TACOM, Warren, MI	Jan 07	Sep 07	2573	50	Yes	N/A	N/A
FY 2008	Oshkosh Truck Corp (PLST) Oshkosh, WI	SS/FFP/Y2	TACOM, Warren, MI	Jan 08	Sep 08	1412	54	Yes	N/A	N/A
FY 2009	Oshkosh Truck Corp (PLST) Oshkosh, WI	SS/FFP/Y3	TACOM, Warren, MI	Jan 09	Sep 09	580	56	Yes	N/A	N/A
<b>Cargo Bed, Demountable</b>										
FY 2006	Summa Technology Inc. Huntsville, AL	C/REQ/PY 1	TACOM, Warren, MI	Dec 05	Jun 06	555	9	Yes	N/A	N/A
FY 2007	Summa Technology Inc. Huntsville, AL	C/REQ/PY 2	TACOM, Warren, MI	Nov 06	Jul 07	4320	9	Yes	N/A	N/A
FY 2008	Summa Technology Inc. Huntsville, AL	C/REQ/P3	TACOM, Warren, MI	Nov 07	Jul 08	1650	10	Yes	N/A	N/A
FY 2009	Summa Technology Inc. Huntsville, AL	C/REQ/P4	TACOM, Warren, MI	Nov 08	Jul 09	1573	10	Yes	N/A	N/A
<b>PLS Container Handling Unit</b>										
FY 2006	OTC Kewaunee Fabrication Kewaunee, WI	SS/REQ/PY 1	TACOM, Warren, MI	Mar 06	Sep 06	110	40	Yes	N/A	N/A
FY 2007	TBS - CHU TBD	C/REQ/P1	TACOM, Warren, MI	Apr 07	Oct 07	254	39	Yes	N/A	N/A
FY 2008	TBS - CHU TBD	C/REQ/P2	TACOM, Warren, MI	Apr 08	Oct 08	190	40	Yes	N/A	N/A
FY 2009	TBS - CHU	C/REQ/P3	TACOM, Warren, MI	Apr 09	Oct 09	327	41	Yes	N/A	N/A



## Exhibit P-5a, Budget Procurement History and Planning

Date:  
February 2007

WBS Cost Elements:	Contractor and Location	Contract Method and Type	Location of PCO	Award Date	Date of First Delivery	QTY Each	Unit Cost \$000	Specs Avail Now?	Date Revsn Avail	RFP Issue Date
Appropriation/Budget Activity/Serial No: Other Procurement, Army/ 1/ Tactical and support vehicles										
Weapon System Type: P-1 Line Item Nomenclature: TRUCK, PALLETIZED LOAD SYSTEM (PLS), 10X10 (D16500)										
<b>Movement Tracking System</b>	TBD									
FY 2006	Comtech Mobile Datacom Corp Germantown, MD	C/REQ/PY 7	CECOM, Washington, DC	Jul 06	Jan 07	993	27	Yes	N/A	N/A
FY 2007	TBS -MTS BD	C/REQ/PY 1	CECOM, Washington, DC	Jul 07	Jan 08	3671	28	Yes	N/A	N/A
FY 2008	TBS -MTS BD	C/REQ/P2	CECOM, Washington, DC	Jul 08	Jan 09	2524	29	Yes	N/A	N/A
FY 2009	TBS -MTS BD	C/REQ/P3	CECOM, Washington, DC	Jul 09	Jan 10	3654	30	Yes	N/A	N/A

REMARKS: A new contract for the Container Handling Units (CHU) is in negotiations for a limited competitive contract with award scheduled for Mar 07.

<b>FY 06 / 07 BUDGET PRODUCTION SCHEDULE</b>	P-1 ITEM NOMENCLATURE TRUCK, PALLETIZED LOAD SYSTEM (PLS), 10X10 (D16500)	Date: February 2007
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COST ELEMENTS						Fiscal Year 06														Fiscal Year 07														Later	
M F R	FY	S E R V	PROC QTY Units	ACCEP PRIOR TO 1 OCT	BAL DUE AS OF 1 OCT	Calendar Year 06														Calendar Year 07															
						O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P						
PLS Truck																																			
1	FY 06	A	273	0	273			A									23	23	23	23	23	23	23	23	23	23	23	22	22	22			0		
1	FY 07	A	415	0	415																											35	380		
1	FY 08	A	125	0	125																												125		
1	FY 09	A	200	0	200																												200		
PLS Trailer																																			
4	FY 06	A	1423	0	1423			A									119	119	119	119	119	119	119	119	118	118	118	118	118			0			
4	FY 07	A	2573	0	2573																											215	2358		
4	FY 08	A	1412	0	1412																												1412		
4	FY 09	A	580	0	580																												580		
Cargo Bed, Demountable																																			
3	FY 06	A	555	0	555			A									47	47	47	46	46	46	46	46	46	46	46	46				0			
3	FY 07	A	4320	0	4320																											360	360	360	3240
3	FY 08	A	1650	0	1650																												1650		
3	FY 09	A	1573	0	1573																												1573		
PLS Container Handling Unit																																			
2	FY 06	A	110	0	110													10	10	9	9	9	9	9	9	9	9	9	9	9	9	9	0		

M F R	Name - Location	PRODUCTION RATES			Reached D+	MFR	ADMIN LEAD TIME		MFR After 1 Oct	TOTAL After 1 Oct	REMARKS	
		MIN	1-8-5	MAX			Prior 1 Oct	After 1 Oct				
1	Oshkosh Truck Corp (PLS), Oshkosh, WI	1	484	616	12	1	Initial	0	2	8	10	Note: Government EOQ 1-8-5 production rate (484/month) accommodates mix of government and commercial production on contractor's integrated production line. Max rate (616/month) reflects contractor capacity using second shift dedicated to government production.
							Reorder	0	4	7	11	
2	OTC Kewaunee Fabrication, Kewaunee, WI	1	15	40	12	2	Initial	0	2	8	10	
							Reorder	0	4	7	11	
3	Summa Technology Inc., Huntsville, AL	5	160	360	12		Initial	0	2	6	8	
							Reorder	0	4	6	10	
4	Oshkosh Truck Corp (PLST), Oshkosh, WI	1	44	220	12	3	Initial	0	2	6	8	
							Reorder	0	4	6	10	
5	Comtech Mobile Datacom Corp, Germantown, MD	10	150	330	12		Initial	0	2	8	10	
							Reorder	0	4	7	11	
6	TBS - CHU, TBD	1	15	40	12	4	Initial	0	2	8	10	
							Reorder	0	4	7	11	
7	TBS -MTS, BD	10	150	330	12		Initial	0	3	6	9	
							Reorder	0	3	6	9	



<b>FY 08 / 09 BUDGET PRODUCTION SCHEDULE</b>												P-1 ITEM NOMENCLATURE TRUCK, PALLETIZED LOAD SYSTEM (PLS), 10X10 (D16500)										Date: February 2007	
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COST ELEMENTS						Fiscal Year 08												Fiscal Year 09												Later
M F R	FY	S E R V	PROC QTY Units	ACCEP PRIOR TO 1 OCT	BAL DUE AS OF 1 OCT	Calendar Year 08												Calendar Year 09												
						O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	

PLS Truck																														
1	FY 06	A	273	273																									0	
1	FY 07	A	415	35	380	35	35	35	35	35	35	34	34	34	34	34													0	
1	FY 08	A	125	0	125					A							11	11	11	11	11	11	10	10	10	10	10	10	0	
1	FY 09	A	200	0	200																	A							17	183

PLS Trailer																														
4	FY 06	A	1423	1423																									0	
4	FY 07	A	2573	215	2358	215	215	215	215	214	214	214	214	214	214														0	
4	FY 08	A	1412	0	1412					A							118	118	118	118	118	118	118	118	118	117	117	117	117	0
4	FY 09	A	580	0	580																	A							85	495

Cargo Bed, Demountable																															
3	FY 06	A	555	555																									0		
3	FY 07	A	4320	1080	3240	360	360	360	360	360	360	360	360	360	360														0		
3	FY 08	A	1650	0	1650					A						138	138	138	138	138	138	137	137	137	137	137	137		0		
3	FY 09	A	1573	0	1573																	A						131	131	131	1180

PLS Container Handling Unit																													
2	FY 06	A	110	110																									0
						O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P

M F R	Name - Location	PRODUCTION RATES				Reached D+	MFR	ADMIN LEAD TIME		MFR After 1 Oct	TOTAL After 1 Oct	REMARKS				
		MIN	1-8-5	MAX	1			2	3				4	5	Prior 1 Oct	After 1 Oct
															0	2
1	Oshkosh Truck Corp (PLS), Oshkosh, WI	1	484	616	12	1	Initial	0	2	8	10	REMARKS Note: Government EOQ 1-8-5 production rate (484/month) accommodates mix of government and commercial production on contractor's integrated production line. Max rate (616/month) reflects contractor capacity using second shift dedicated to government production.				
							Reorder	0	4	7	11					
2	OTC Kewaunee Fabrication, Kewaunee, WI	1	15	40	12	2	Initial	0	2	8	10					
							Reorder	0	4	7	11					
3	Summa Technology Inc., Huntsville, AL	5	160	360	12		Initial	0	2	6	8					
							Reorder	0	4	6	10					
4	Oshkosh Truck Corp (PLST), Oshkosh, WI	1	44	220	12	3	Initial	0	2	6	8					
							Reorder	0	4	6	10					
5	Comtech Mobile Datacom Corp, Germantown, MD	10	150	330	12		Initial	0	2	8	10					
							Reorder	0	4	7	11					
6	TBS - CHU, TBD	1	15	40	12	4	Initial	0	2	8	10					
							Reorder	0	4	7	11					
7	TBS -MTS, BD	10	150	330	12		Initial	0	3	6	9					
							Reorder	0	3	6	9					

<b>FY 08 / 09 BUDGET PRODUCTION SCHEDULE</b>	P-1 ITEM NOMENCLATURE TRUCK, PALLETIZED LOAD SYSTEM (PLS), 10X10 (D16500)	Date: February 2007
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COST ELEMENTS						Fiscal Year 08												Fiscal Year 09												Later						
M F R	FY	S E R V	PROC QTY Units	ACCEP PRIOR TO 1 OCT	BAL DUE AS OF 1 OCT	Calendar Year 08												Calendar Year 09																		
						O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P							
6	FY 07	A	254	0	254	22	22	21	21	21	21	21	21	21	21	21																				0
6	FY 08	A	190	0	190													16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	15	15	0	
6	FY 09	A	327	0	327																														327	

Movement Tracking System																																		
M F R	FY	S E R V	QTY	ACCEP PRIOR	BAL DUE	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	Later				
5	FY 06	A	993	747	246	82	82	82																										0
7	FY 07	A	3671	0	3671				306	306	306	306	306	306	306	306	306	306	306	305														0
7	FY 08	A	2524	0	2524										A						211	211	211	211	210	210	210	210	210	210	210	210	630	
7	FY 09	A	3654	0	3654																							A					3654	
<b>Total</b>						714	714	713	937	936	936	935	935	935	713	713	594	589	589	588	493	492	492	492	490	490	490	484	483	458	6469			
						O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P					

M F R	Name - Location	PRODUCTION RATES			Reached D+	MFR	ADMIN LEAD TIME		MFR After 1 Oct	TOTAL After 1 Oct	REMARKS	
		MIN	1-8-5	MAX			Prior 1 Oct	After 1 Oct				
				1								
1	Oshkosh Truck Corp (PLS), Oshkosh, WI	1	484	616	12	1	Initial	0	2	8	10	Note: Government EOQ 1-8-5 production rate (484/month) accommodates mix of government and commercial production on contractor's integrated production line. Max rate (616/month) reflects contractor capacity using second shift dedicated to government production.
						2	Reorder	0	4	7	11	
2	OTC Kewaunee Fabrication, Kewaunee, WI	1	15	40	12	2	Initial	0	2	8	10	
						3	Reorder	0	4	7	11	
3	Summa Technology Inc., Huntsville, AL	5	160	360	12	3	Initial	0	2	6	8	
						4	Reorder	0	4	6	10	
4	Oshkosh Truck Corp (PLST), Oshkosh, WI	1	44	220	12	4	Initial	0	2	8	10	
						5	Reorder	0	4	7	11	
5	Comtech Mobile Datacom Corp, Germantown, MD	10	150	330	12		Initial	0	3	6	9	
							Reorder	0	3	6	9	
6	TBS - CHU, TBD	1	15	40	12		Initial	0	2	8	10	
							Reorder	0	4	7	11	
7	TBS -MTS, BD	10	150	330	12		Initial	0	3	6	9	
							Reorder	0	3	6	9	

<b>FY 10 / 11 BUDGET PRODUCTION SCHEDULE</b>	P-1 ITEM NOMENCLATURE TRUCK, PALLETIZED LOAD SYSTEM (PLS), 10X10 (D16500)	Date: February 2007
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COST ELEMENTS						Fiscal Year 10													Fiscal Year 11													Later
M F R	FY	S E R V	PROC QTY Units	ACCEP PRIOR TO 1 OCT	BAL DUE AS OF 1 OCT	Calendar Year 10													Calendar Year 11													
						O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P			
PLS Truck																																
1	FY 06	A	273	273																									0			
1	FY 07	A	415	415																									0			
1	FY 08	A	125	125																									0			
1	FY 09	A	200	17	183	17	17	17	17	17	17	17	16	16	16	16													0			
PLS Trailer																																
4	FY 06	A	1423	1423																									0			
4	FY 07	A	2573	2573																									0			
4	FY 08	A	1412	1412																									0			
4	FY 09	A	580	85	495	45	45	45	45	45	45	45	45	45	45	45													0			
Cargo Bed, Demountable																																
3	FY 06	A	555	555																									0			
3	FY 07	A	4320	4320																									0			
3	FY 08	A	1650	1650																									0			
3	FY 09	A	1573	393	1180	132	131	131	131	131	131	131	131	131	131	131													0			
PLS Container Handling Unit																																
2	FY 06	A	110	110																									0			

M F R	Name - Location	PRODUCTION RATES				Reached D+	MFR	ADMIN LEAD TIME		MFR After 1 Oct	TOTAL After 1 Oct	REMARKS
		MIN	1-8-5	MAX	Prior 1 Oct			After 1 Oct				
									Initial			
1	Oshkosh Truck Corp (PLS), Oshkosh, WI	1	484	616	12	1	Initial	0	2	8	10	
							Reorder	0	4	7	11	
2	OTC Kewaunee Fabrication, Kewaunee, WI	1	15	40	12	2	Initial	0	2	8	10	
							Reorder	0	4	7	11	
3	Summa Technology Inc., Huntsville, AL	5	160	360	12		Initial	0	2	6	8	
							Reorder	0	4	6	10	
4	Oshkosh Truck Corp (PLST), Oshkosh, WI	1	44	220	12	3	Initial	0	2	6	8	
							Reorder	0	4	6	10	
5	Comtech Mobile Datacom Corp, Germantown, MD	10	150	330	12		Initial	0	2	8	10	
							Reorder	0	4	7	11	
6	TBS - CHU, TBD	1	15	40	12	4	Initial	0	2	8	10	
							Reorder	0	4	7	11	
7	TBS -MTS, BD	10	150	330	12		Initial	0	3	6	9	
							Reorder	0	3	6	9	



**Exhibit P-40, Budget Item Justification Sheet**

Date: February 2007

Appropriation / Budget Activity / Serial No:  
Other Procurement, Army / 1 / Tactical and support vehicles

P-1 Item Nomenclature  
ARMORED SECURITY VEHICLES (ASV) (D02800)

Program Elements for Code B Items:

Code:  
A

Other Related Program Elements:

	Prior Years	FY 2006	FY 2007	FY 2008	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	To Complete	Total Prog
Proc Qty	942	124	183	180	172	149	149	44	44		1987
Gross Cost	714.0	115.5	160.4	155.1	155.0	136.3	136.2	53.7	53.0		1679.2
Less PY Adv Proc											
Plus CY Adv Proc											
Net Proc P1	714.0	115.5	160.4	155.1	155.0	136.3	136.2	53.7	53.0		1679.2
Initial Spares											
Total Proc Cost	714.0	115.5	160.4	155.1	155.0	136.3	136.2	53.7	53.0		1679.2
Flyaway U/C											
Weapon System Proc U/C	0.8	0.9	0.9	0.9	0.9	0.9	0.9	1.2	1.2		8.6

**Description:**

The Armored Security Vehicle (ASV) is an all-wheel drive armored vehicle that provides ballistic protection, overhead protection and protection against landmines. The ASV accepts the MK-19 Grenade Machine Gun, the M2.50 caliber machine gun and the M249 5.56 mm Squad Automatic Weapon (SAW) machine gun. The ASV is transportable by C-130 and larger aircraft, rail, and marine transport modes, and is capable of carrying a crew of four. The vehicle has a diesel engine, automatic transmission, central tire inflation system, and a payload of 3,360 lbs. Additional survivability enhancements include: gas particulate ventilated face pieces, a multi-salvo smoke grenade launcher, a crew/engine compartment fire suppression system, an intercom system with radio interface, seamless armor, and blackout capability.

**Justification:**

FY 2008/2009 procures a total of 352 ASVs. The ASV is used by the Military Police (MP) to perform missions of Area Security, Maneuver and Mobility Support, Police Intelligence Operations, and Law and Order across the entire operational continuum. The MPs conduct force protection and stabilization operations in a war environment. The ASV is also being use as a Convoy Protection Platform for Combat Support and Combat Service Support Units.

FY 2006, and FY 2007 include Supplemental funding of \$40.8 million, and \$83.0 million respectively to support the Global War on Terrorism, and FY 2006 includes \$35.5 million for Hurricane Katrina Relief.



<b>Exhibit P-5, Weapon OPA1 Cost Analysis</b>		Appropriation/Budget Activity/Serial No: Other Procurement, Army / 1 / Tactical and support vehicles			P-1 Line Item Nomenclature: ARMORED SECURITY VEHICLES (ASV) (D02800)			Weapon System Type:			Date: February 2007			
<b>OPA1 Cost Elements</b>		ID	<b>FY 06</b>			<b>FY 07</b>			<b>FY 08</b>			<b>FY 09</b>		
		CD	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost
			\$000	Units	\$000	\$000	Units	\$000	\$000	Units	\$000	\$000	Units	\$000
Vehicle		A	70763	124	571	126709	183	692	126341	180	702	126743	172	737
Engineering Changes			294			6040			3790			3802		
<b>Non-Recurring Cost</b>														
Testing - Govt			18			2000			2000			2000		
Documentation			2000			315			321			327		
System Technical Support (STS)			1013			704			1053			541		
Engineering Spt (In-House)			437			1595			1629			1740		
Kits (includes FRAG 1, FRAG 2, VIC-3)						11886			11794			11507		
Fielding Support			4864			8234			5936			6032		
Project Management Support			611			2946			2260			2303		
Katrina Relief			35487											
<b>Total:</b>			<b>115487</b>			<b>160429</b>			<b>155124</b>			<b>154995</b>		

## Exhibit P-5a, Budget Procurement History and Planning

Date:  
February 2007

Appropriation/Budget Activity/Serial No: Other Procurement, Army/ 1/ Tactical and support vehicles		Weapon System Type:	P-1 Line Item Nomenclature: ARMORED SECURITY VEHICLES (ASV) (D02800)							
WBS Cost Elements:	Contractor and Location	Contract Method and Type	Location of PCO	Award Date	Date of First Delivery	QTY Units	Unit Cost \$000	Specs Avail Now?	Date Revsn Avail	RFP Issue Date
<b>Vehicle</b>										
FY 2006	Textron Marine & Land Systems New Orleans, LA	SS/Option	TACOM, Warren, MI	Nov 06	Jun 07	124	571	Yes	N/A	N/A
FY 2007	Textron Marine & Land Systems New Orleans, LA	SS/Option	TACOM, Warren, MI	Nov 06	Dec 07	183	692	Yes	N/A	N/A
FY 2008	Textron Marine & Land Systems New Orleans, LA	SS/Option	TACOM, Warren, MI	Jan 08	Jan 09	180	702	Yes	N/A	N/A
FY 2009	Textron Marine & Land Systems New Orleans, LA	SS/M-3(1)	TACOM, Warren, MI	Jan 09	Jan 10	172	737	Yes	N/A	N/A

REMARKS:







**Exhibit P-40, Budget Item Justification Sheet**

Date: February 2007

Appropriation / Budget Activity / Serial No:  
Other Procurement, Army / 1 / Tactical and support vehicles

P-1 Item Nomenclature  
Mine Protection Vehicle Family (D02901)

Program Elements for Code B Items:

Code:  
B

Other Related Program Elements:

	Prior Years	FY 2006	FY 2007	FY 2008	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	To Complete	Total Prog
Proc Qty				168	152	145					465
Gross Cost	3.3			199.1	169.0	165.4					536.8
Less PY Adv Proc											
Plus CY Adv Proc											
Net Proc P1	3.3			199.1	169.0	165.4					536.8
Initial Spares											
Total Proc Cost	3.3			199.1	169.0	165.4					536.8
Flyaway U/C											
Weapon System Proc U/C				1.2	1.1	1.1					3.4

**Description:**

The route clearance operation mission is accomplished with the Medium Mine Protected Vehicle (MMPV) system which complements the Vehicle Mounted Mine Detection System (VMMD) and the Buffalo Mine Protected Clearance Vehicle (MPCV) to perform route clearance operations.

The (MMPV) is a blast protected, wheeled vehicle platform that will operate in explosive hazardous environments to support Future Engineer Force (FEF) Clearance Companies in route and area clearance operations, Explosive Hazards Teams in explosive hazards reconnaissance operations, and EOD companies in EOD support operations. The MMPV will also transport soldiers for security forces and support operations (e.g., medical), and provide a platform for command and control & electronic countermeasures.

The Buffalo Mine Protected Clearance Vehicle (MPCV) is a six wheeled armor vehicle with a remote hydraulic boom arm for detecting and clearing mines and Improvised Explosive Devices (IEDs). The mine proof vehicle consists of a mine protected hull/body and provides a high degree of safety in respect to collision or vehicle roll over.

The Vehicle Mounted Mine Detector (VMMD) is a mine protected, vehicle mounted mine detection and proofing system which is capable of finding and marking metallic explosive hazards. VMMD consists of two mine detection vehicles and three detonation trailers. Early versions of the VMMD procured for Operational Needs Statement (ONS) consisted of a Meerkat and a Husky, while more recent procurements consist of two Husky vehicles. Both vehicles are a single occupant system designed for mine blast protection and rapid field reparability.

**Justification:**

FY08/FY09 Procures 88 Mine Protected Clearance Vehicles (MPCV), 164 Medium Mine Protected Vehicles (MMPV) and 68 Vehicle Mounted Mine Detector (VMMD).

The Mine Protected Route Clearance vehicles provide our forces with an effective, reliable and affordable blast protected platform capable of interrogating and classifying suspected explosive hazards, including improvised explosive devices (IEDs). These systems locate and neutralize IEDs before they result in fatal or catastrophic injury to civilians and soldiers.

**Exhibit P-40, Budget Item Justification Sheet**

Date: February 2007

Appropriation / Budget Activity / Serial No:  
Other Procurement, Army / 1 / Tactical and support vehicles

P-1 Item Nomenclature  
Medium Mine Protected Vehicle (MMPV) (D02902)

Program Elements for Code B Items:

Code:  
B

Other Related Program Elements:

	Prior Years	FY 2006	FY 2007	FY 2008	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	To Complete	Total Prog
Proc Qty				82	82	79					243
Gross Cost				66.0	66.0	66.0					198.0
Less PY Adv Proc											
Plus CY Adv Proc											
Net Proc P1				66.0	66.0	66.0					198.0
Initial Spares											
Total Proc Cost				66.0	66.0	66.0					198.0
Flyaway U/C											
Weapon System Proc U/C				0.8	0.8	0.8					2.4

**Description:**

The Medium Mine Protected Vehicle (MMPV) is a blast protected, wheeled vehicle platform that will operate in explosive hazardous environments to support Future Engineer Force (FEF) Clearance Companies in route and area clearance operations, Explosive Hazards Teams in explosive hazards reconnaissance operations, and EOD companies in EOD support operations. The MMPV will also transport soldiers for security forces and support operations (e.g., medical), and provide a platform for command and control & electronic countermeasures. The MMPV system complements the Vehicle Mounted Mine Detection System (VMMD) and Mine Protected Clearance Vehicle (MPCV) to perform route clearance operations.

**Justification:**

FY08/09 Procures 164 Medium Mine Protected Vehicles. The Mine Protected Route Clearance vehicles provide our forces with an effective, reliable and affordable blast protected platform capable of interrogating and classifying suspected explosive hazards, including improvised explosive devices (IEDs). These systems locate and neutralize IEDs before they result in fatal or catastrophic injury to civilians and soldiers.

<b>Exhibit P-5, Weapon OPA1 Cost Analysis</b>		Appropriation/Budget Activity/Serial No: Other Procurement, Army / 1 / Tactical and support vehicles			P-1 Line Item Nomenclature: Medium Mine Protected Vehicle (MMPV) (D02902)			Weapon System Type:			Date: February 2007			
<b>OPA1 Cost Elements</b>		ID	<b>FY 06</b>			<b>FY 07</b>			<b>FY 08</b>			<b>FY 09</b>		
		CD	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost
			\$000	Each	\$000	\$000	Each	\$000	\$000	Each	\$000	\$000	Each	\$000
Hardware		B							57400	82	700	57400	82	700
<b>Total Hardware Costs</b>									<b>57400</b>			<b>57400</b>		
Fielding/ASL/PLL/NET									6850			6850		
FSR									350			350		
Program Management									2000			2000		
<b>Total Support Costs</b>									<b>9200</b>			<b>9200</b>		
<b>Total:</b>									<b>66600</b>			<b>66600</b>		



## Exhibit P-5a, Budget Procurement History and Planning

Date:  
February 2007

Appropriation/Budget Activity/Serial No: Other Procurement, Army/ 1/ Tactical and support vehicles		Weapon System Type:	P-1 Line Item Nomenclature: Medium Mine Protected Vehicle (MMPV) (D02902)								
WBS Cost Elements:	Contractor and Location		Contract Method and Type	Location of PCO	Award Date	Date of First Delivery	QTY Each	Unit Cost \$000	Specs Avail Now?	Date Revsn Avail	RFP Issue Date
<b>Hardware</b>											
FY 2008	TO BE SELECTED TO BE SELECTED		C/FP 5(2)	TACOM, WARREN, MI	Jun 08	Oct 08	82	700	N	NA	Jan 07
FY 2009	TO BE SELECTED TO BE SELECTED		C/FP 5(3)	TACOM, WARREN, MI	Dec 08	Jun 09	82	700	N	NA	Jan 07

REMARKS: MMPV Contract is a 5 year fixed price contract that will be determined by competition. The first year of this contract will be awarded with funds from R68102 Ground Standoff Mine Detection System (GSTAMIDS) funding line.





**Exhibit P-40, Budget Item Justification Sheet**

Date: February 2007

Appropriation / Budget Activity / Serial No:  
Other Procurement, Army / 1 / Tactical and support vehicles

P-1 Item Nomenclature  
Mine Protected Clearance Vehicle (MPCV) (D02903)

Program Elements for Code B Items:

Code:  
B

Other Related Program Elements:

	Prior Years	FY 2006	FY 2007	FY 2008	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	To Complete	Total Prog
Proc Qty				44	44	42					130
Gross Cost	3.3			48.0	48.0	48.0					147.3
Less PY Adv Proc											
Plus CY Adv Proc											
Net Proc P1	3.3			48.0	48.0	48.0					147.3
Initial Spares											
Total Proc Cost	3.3			48.0	48.0	48.0					147.3
Flyaway U/C											
Weapon System Proc U/C				1.1	1.1	1.1					3.3

**Description:**

The Buffalo Mine Protected Clearance Vehicle (MPCV) is a six wheeled armor vehicle with a remote hydraulic boom arm for detecting and clearing mines and Improvised Explosive Devices (IEDs). The mine proof vehicle consists of a mine protected hull/body and provides a high degree of safety in respect to collision or vehicle roll over. The MPCV system compliments the Medium Mine Protected Vehicle (MMPV) and Vehicle Mounted Mine Detection System (VMMD)to perform route clearance operations.

**Justification:**

FY08/FY09 Procures 88 MPCVs. The Buffalo has set the Army's current standard for MPCV survivability in neutralizing the effects of landmines, direct fire, and IEDs. The Mine Protected Route Clearance vehicles provide our forces with an effective, reliable and affordable blast protected platform capable of interrogating and classifying suspected explosive hazards. These systems locate and neutralize explosive devices before they result in fatal or catastrophic injury to civilians and soldiers.

<b>Exhibit P-5, Weapon OPA1 Cost Analysis</b>		Appropriation/Budget Activity/Serial No: Other Procurement, Army / 1 / Tactical and support vehicles			P-1 Line Item Nomenclature: Mine Protected Clearance Vehicle (MPCV) (D02903)			Weapon System Type:			Date: February 2007			
<b>OPA1 Cost Elements</b>		ID	<b>FY 06</b>			<b>FY 07</b>			<b>FY 08</b>			<b>FY 09</b>		
		CD	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost
			\$000	Units	\$000	\$000	Units	\$000	\$000	Units	\$000	\$000	Units	\$000
HARDWARE		A							41800	44	950	41800	44	950
<b>Total Hardware Costs</b>									<b>41800</b>			<b>41800</b>		
Fielding/ASL/PLL/NET									3850			3850		
FSR									350			350		
Program Management									2000			2000		
<b>Total Support Costs</b>									<b>6200</b>			<b>6200</b>		
<b>Total:</b>									<b>48000</b>			<b>48000</b>		

## Exhibit P-5a, Budget Procurement History and Planning

Date:  
February 2007

Appropriation/Budget Activity/Serial No: Other Procurement, Army/ 1/ Tactical and support vehicles		Weapon System Type:	P-1 Line Item Nomenclature: Mine Protected Clearance Vehicle (MPCV) (D02903)							
WBS Cost Elements:	Contractor and Location	Contract Method and Type	Location of PCO	Award Date	Date of First Delivery	QTY Units	Unit Cost \$000	Specs Avail Now?	Date Revsn Avail	RFP Issue Date
<b>HARDWARE</b>										
FY 2008	Force Protection Inc Ladson, SC	SS/FP 1(1)	TACOM, WARREN, MI	Feb 08	Jun 08	44	950	Y	NA	NA
FY 2009	Force Protection Inc Ladson, SC	SS/FP 1(2)	TACOM, WARREN, MI	Dec 08	May 09	44	950	Y	NA	NA

REMARKS: Buffalo contract is a sole source 1 year fixed priced contract with 4 option years. The first year of this contract will be awarded with funds from R68102 Ground Standoff Mine Detection System (GSTAMIDS) funding line.  
FY07 is the first contract year and FY08 is the first option year.







**Exhibit P-40, Budget Item Justification Sheet**

Date: February 2007

Appropriation / Budget Activity / Serial No:  
Other Procurement, Army / 1 / Tactical and support vehicles

P-1 Item Nomenclature  
VEHICLE MOUNTED MINE DETECTION SYSTEM (VMMD) (D02904)

Program Elements for Code B Items:

Code:  
B

Other Related Program Elements:

	Prior Years	FY 2006	FY 2007	FY 2008	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	To Complete	Total Prog
Proc Qty				42	26	24					92
Gross Cost				85.1	55.0	51.4					191.5
Less PY Adv Proc											
Plus CY Adv Proc											
Net Proc P1				85.1	55.0	51.4					191.5
Initial Spares											
Total Proc Cost				85.1	55.0	51.4					191.5
Flyaway U/C											
Weapon System Proc U/C				2.0	2.1	2.1					6.3

**Description:**

The Vehicle Mounted Mine Detector (VMMD) is a mine protected, vehicle mounted mine detection and proofing system which is capable of finding and marking metallic explosive hazards. VMMD consists of two mine detection vehicles and three detonation trailers. Early versions of the VMMD procured for Operational Needs Statement (ONS) consisted of a Meerkat and a Husky, while more recent procurements consist of two Husky vehicles. Both vehicles are a single occupant system designed for mine blast protection and rapid field reparability. The VMMD complements the Mine Protected Clearance Vehicle (MPCV) and Medium Mine Protected Vehicle (MMPV) to perform route clearance operations.

**Justification:**

FY08/FY09 Procures 68 VMMD Systems. The VMMD system is the only device that provides a mine and improvised explosive device (IED) detection capability on a blast survivable vehicle combined with a route width-proofing capability. The Mine Protected Route Clearance vehicles provide our forces with an effective, reliable and affordable blast protected platform capable of interrogating and classifying suspected explosive hazards, including explosive (IEDs). These systems locate and neutralize explosive devices before they result in fatal or catastrophic injury to civilians and soldiers.

<b>Exhibit P-5, Weapon OPA1 Cost Analysis</b>	Appropriation/Budget Activity/Serial No: Other Procurement, Army / 1 / Tactical and support vehicles			P-1 Line Item Nomenclature: VEHICLE MOUNTED MINE DETECTION SYSTEM (VMMD) (D02904)			Weapon System Type:			Date: February 2007			
<b>OPA1 Cost Elements</b>	ID	<b>FY 06</b>			<b>FY 07</b>			<b>FY 08</b>			<b>FY 09</b>		
	CD	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost
		\$000	Each	\$000	\$000	Each	\$000	\$000	Each	\$000	\$000	Each	\$000
VMMD Systems								80640	42	1920	50960	26	1960
<b>Total Hardware Cost</b>							<b>80640</b>				<b>50960</b>		
Fielding/ASL/PLL/Net							2110				1250		
FSR							350				350		
Program Management							2000				2400		
<b>Total Support Cost</b>							<b>4460</b>				<b>4000</b>		
<b>Total:</b>							<b>85100</b>				<b>54960</b>		

## Exhibit P-5a, Budget Procurement History and Planning

Date:  
February 2007

Appropriation/Budget Activity/Serial No: Other Procurement, Army/ 1/ Tactical and support vehicles		Weapon System Type:	P-1 Line Item Nomenclature: VEHICLE MOUNTED MINE DETECTION SYSTEM (VMMD) (D02904)							
WBS Cost Elements:	Contractor and Location	Contract Method and Type	Location of PCO	Award Date	Date of First Delivery	QTY Each	Unit Cost \$000	Specs Avail Now?	Date Revsn Avail	RFP Issue Date
<b>VMMD Systems</b>										
FY 2008	RSD Dorbyl Ltd South Africa	SS/FP5(2)	TACOM, Warren, MI			42	1920	Y	NA	NA
FY 2009	RSD Dorbyl Ltd South Africa	SS/FP5(3)	TACOM, Warren, MI			26	1960	Y	NA	NA

REMARKS: VMMD contract was awarded as a sole source fixed price contract. The first year of this contract will be awarded in FY07 with funds from the Ground Standoff Mine Detection System (GSTAMIDS) R68102 SSN.

<b>FY 08 / 09 BUDGET PRODUCTION SCHEDULE</b>	P-1 ITEM NOMENCLATURE VEHICLE MOUNTED MINE DETECTION SYSTEM (VMMD) (D02904)	Date: February 2007
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COST ELEMENTS						Fiscal Year 08												Fiscal Year 09												Later
M F R	FY	S E R V	PROC QTY Each	ACCEP PRIOR TO 1 OCT	BAL DUE AS OF 1 OCT	Calendar Year 08												Calendar Year 09												
						O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	

VMMD Systems																																
1	FY 08	A	42	0	42																							0				
1	FY 09	A	26	0	26															A							2	4	4	4	4	8
Total																																
			68		68																									8		
						O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P			

M F R	Name - Location	PRODUCTION RATES			Reached D+	MFR	ADMIN LEAD TIME		MFR After 1 Oct	TOTAL After 1 Oct	REMARKS Production Rates are Monthly.		
		MIN	1-8-5	MAX			Prior 1 Oct	After 1 Oct					
		1	Initial	Reorder			0	6				4	10
1	RSD Dorbyl Ltd, South Africa	2	4	5	3	1	Initial	Reorder	0	3	5	8	
							Initial	Reorder					
							Initial	Reorder					
							Initial	Reorder					
							Initial	Reorder					
							Initial	Reorder					



**Exhibit P-40, Budget Item Justification Sheet**

Date: February 2007

Appropriation / Budget Activity / Serial No:  
Other Procurement, Army / 1 / Tactical and support vehicles

P-1 Item Nomenclature  
TRUCK, TRACTOR, LINE HAUL, M915/M916 (DA0600)

Program Elements for Code B Items:

Code:  
A

Other Related Program Elements:

	Prior Years	FY 2006	FY 2007	FY 2008	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	To Complete	Total Prog
Proc Qty	8574	122	1121	526	64	253	406	323	84		11473
Gross Cost	683.4	22.5	177.9	83.9	15.0	45.0	85.2	77.1	13.2		1203.2
Less PY Adv Proc											
Plus CY Adv Proc											
Net Proc P1	683.4	22.5	177.9	83.9	15.0	45.0	85.2	77.1	13.2		1203.2
Initial Spares	0.5										0.5
Total Proc Cost	683.9	22.5	177.9	83.9	15.0	45.0	85.2	77.1	13.2		1203.7
Flyaway U/C											
Weapon System Proc U/C	0.4										0.4

**Description:**

This family of vehicles contains the Truck, Tractor Line Haul (M915A3) and the Truck, Tractor, Light Equipment Transporter (LET)(M916A3). These two tractors share common components, such as the cab, engine, and transmission. The M915A3 Line Haul Tractor tows the M871 and M872 flatbed semitrailers, the M967 and M969 series 5000 gallon tankers, and the M1062 7500 gallon tanker. FY08 is the first year for acquisition of the Next Generation Line Haul Vehicle which will replace/supplement the existing line haul tractors and trucks. These improved tractors and trucks are more expeditionary ready thru increased safety, range and fuel efficiency, reliability, on-board diagnostics, service intervals and MANPRINT considerations. These characteristics have the potential to substantially decrease the 2-level maintenance tasks, the maximum time to repair, and the quantity of tools required to conduct maintenance.

**Justification:**

FY08/09 procures a total of 563 new M915A3/Next Generation Line Hauls Phase I (NGPI) Vehicles and 27 M916A3 Truck Tractors to modernize the current Army fleet and support activation of new National Guard and Army Reserve units. These petroleum companies add necessary fuel handling capability to support the modern battlefield. Without these trucks, the petroleum units would be activated with Tanker Trailers but no trucks to haul them, thus causing a severe deficiency in supplying fuel to support transport. The current trucks are experiencing mission capable rates below the assigned Army goal and are increasingly difficult and expensive to support due to their age. The M915A3/M916A3 Truck Tractors significantly improved readiness with incorporation of new commercial truck technologies such as Collision Warning System, Lube-Free Drive Shaft, Low-Lube Fifth Wheel, and Electronic Transmission. A competitive acquisition of the NGPI truck will be conducted using FY08 funds to attain the best affordable current technology.

"FY06/07 totals include supplemental funding of \$6.000 million and \$138.200 million respectively, to support the global war on terrorism. (GWOT)".

<b>Exhibit P-5, Weapon OPA1 Cost Analysis</b>		Appropriation/Budget Activity/Serial No: Other Procurement, Army / 1 / Tactical and support vehicles			P-1 Line Item Nomenclature: TRUCK, TRACTOR, LINE HAUL, M915/M916 (DA0600)			Weapon System Type:			Date: February 2007			
<b>OPA1 Cost Elements</b>		ID	<b>FY 06</b>			<b>FY 07</b>			<b>FY 08</b>			<b>FY 09</b>		
		CD	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost
			\$000	Units	\$000	\$000	Units	\$000	\$000	Units	\$000	\$000	Units	\$000
Trk, Tractor, Line Haul, M915A3 (D15900)			11976	75	160	144419	983	147	80000	515	155	10000	48	208
Truck, Tractor, LET, M916A3 (D19601)			10490	47	223	33473	138	243	3897	11	354	5000	16	313
<b>Total:</b>			<b>22466</b>			<b>177892</b>			<b>83897</b>			<b>15000</b>		

**Exhibit P-40, Budget Item Justification Sheet**

Date: February 2007

Appropriation / Budget Activity / Serial No:  
Other Procurement, Army / 1 / Tactical and support vehicles

P-1 Item Nomenclature  
TRUCK, TRACTOR, LINE HAUL, M915A2 (D15900)

Program Elements for Code B Items:

Code:  
A

Other Related Program Elements:

	Prior Years	FY 2006	FY 2007	FY 2008	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	To Complete	Total Prog
Proc Qty	7583	75	983	515	48	206	203	70	84		9767
Gross Cost	589.4	12.0	144.4	80.0	10.0	33.0	33.5	11.8	13.2		927.3
Less PY Adv Proc											
Plus CY Adv Proc											
Net Proc P1	589.4	12.0	144.4	80.0	10.0	33.0	33.5	11.8	13.2		927.3
Initial Spares	0.2										0.2
Total Proc Cost	589.6	12.0	144.4	80.0	10.0	33.0	33.5	11.8	13.2		927.5
Flyaway U/C											
Weapon System Proc U/C	0.4										0.4

**Description:**

The M915A3 Line Haul Tractor is a 6x4 tractor procured as a Non-Developmental Item (NDI). It is found primarily in medium transportation companies and tows the M871 and M872 flatbed semitrailers, the M967 and M969 series 5000 gallon tankers, and the M1062 7500 gallon tanker. It transports breakbulk, containers, water and petroleum over primary and secondary roads. The M915A3, with a 2-inch kingpin and 105,000 Gross Combination Vehicle Weight (GCVW) capacity, is transportable by highway, rail, marine, and air modes worldwide. FY08 is the first year for acquisition of the Next Generation Line Haul Vehicle which will replace/supplement the existing line haul tractors and trucks. These improved tractors and trucks are more expeditionary ready thru increased safety, range and fuel efficiency, reliability, on-board diagnostics, service intervals and MANPRINT considerations. These characteristics have the potential to substantially decrease the 2-level maintenance tasks, the maximum time to repair, and the quantity of tools required to conduct maintenance.

**Justification:**

FY08/09 procures 258 M915A3 Line Haul Tractors and 305 Next Generation Line Haul Phase I (NGPI) Vehicles. The M915A3 fills requirements in selected National Guard and Army Reserve units to replace overage M915A0s and M915A1s. Previous models of the M915 Truck Tractor are experiencing operational readiness rates below the assigned Army goal, and are difficult and expensive to support due to their age. The M915A3 Truck Tractor significantly improves readiness by incorporating several new commercial truck technologies including Collision Warning System, Lube-Free Drive Shaft, Low-Lube Fifth Wheel, and Electronic Transmission. A competitive acquisition of the NGPI truck will be conducted using FY08 funds to attain the best affordable current technology for the improvements noted above.



<b>Exhibit P-5, Weapon OPA1 Cost Analysis</b>		Appropriation/Budget Activity/Serial No: Other Procurement, Army / 1 / Tactical and support vehicles			P-1 Line Item Nomenclature: TRUCK, TRACTOR, LINE HAUL, M915A2 (D15900)			Weapon System Type:			Date: February 2007			
<b>OPA1 Cost Elements</b>		ID	<b>FY 06</b>			<b>FY 07</b>			<b>FY 08</b>			<b>FY 09</b>		
		CD	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost
			\$000	Each	\$000	\$000	Each	\$000	\$000	Each	\$000	\$000	Each	\$000
Hardware - M915A3 with FRET			9575	75	128	129010	983	131	69600	515	135	6736	48	140
ECPs			350			2313			2088			202		
Documentation			188			1000			475			257		
Logistics Support			140			507			450			250		
Engineering Support			250			550			500			400		
Quality Support			130			500			600			300		
Program Management Support			425			1800			1300			400		
System Fielding Support			358			5111			3090			288		
Special Tools			125			1800			700			400		
FSR Support			200			300			350			220		
Government Testing			150			1206			500			200		
New Equipment Training			85			322			347			347		
<b>Total:</b>			<b>11976</b>			<b>144419</b>			<b>80000</b>			<b>10000</b>		

## Exhibit P-5a, Budget Procurement History and Planning

Date:  
February 2007

Appropriation/Budget Activity/Serial No: Other Procurement, Army/ 1/ Tactical and support vehicles	Weapon System Type:	P-1 Line Item Nomenclature: TRUCK, TRACTOR, LINE HAUL, M915A2 (D15900)								
WBS Cost Elements:	Contractor and Location	Contract Method and Type	Location of PCO	Award Date	Date of First Delivery	QTY Units	Unit Cost \$000	Specs Avail Now?	Date Revsn Avail	RFP Issue Date
<b>Hardware - M915A3 with FRET</b>										
FY 2006	Freightliner Corporation Portland, OR	CFP RQ7	TACOM, Warren, MI	Feb 06	Aug 06	35	128	YES	N/A	N/A
FY 2006	Freightliner Corporation Portland, OR	CFP RQ7	TACOM, Warren, MI	Mar 06	Sep 06	40	128	YES	N/A	N/A
FY 2007	Freightliner Corporation Portland, OR	CFP RQ7	TACOM, Warren, MI	Nov 06	May 07	983	131	YES	N/A	N/A
FY 2008	Freightliner Corporation Portland, OR	CFP RQ7	TACOM, Warren, MI	Nov 07	May 08	258	135	YES	N/A	N/A
FY 2008	TBD TBD	CPFF RQ5	TACOM, Warren, MI	Jan 08	Jul 08	257	135	YES	N/A	DEC 07
FY 2009	TBD TBD	CPFF RQ5	TACOM, Warren, MI	Dec 08	Jun 09	48	140	YES	N/A	DEC 07
<b>Hardware - M915A3 without FRET</b>										
FY 2006	Freightliner Corporation Portland, OR	CFP RQ7	TACOM, Warren, MI	Apr 06	Oct 06	60	114	YES	N/A	N/A
FY 2006	Freightliner Corporation Portland, OR	CFP RQ7	TACOM, Warren, MI	May 06	Nov 06	16	114	YES	N/A	N/A

REMARKS:

<b>FY 06 / 07 BUDGET PRODUCTION SCHEDULE</b>	P-1 ITEM NOMENCLATURE TRUCK, TRACTOR, LINE HAUL, M915A2 (D15900)	Date: February 2007
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COST ELEMENTS						Fiscal Year 06													Fiscal Year 07													Later																																																																					
M F R	FY	S E R V	PROC QTY Each	ACCEP PRIOR TO 1 OCT	BAL DUE AS OF 1 OCT	Calendar Year 06													Calendar Year 07																																																																																		
						O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P																																																																								
Hardware - M915A3 with FRET																																																																																																					
1	FY 06	A	35	0	35																																																																																																
1	FY 06	A	40	0	40																																																																																																
1	FY 06	ANG	60	0	60																																																																																																
1	FY 06	AR	61	0	61																																																																																																
1	FY 07	A	983	0	983																																																																																																
1	FY 07	NA	7	0	7																																																																																																
1	FY 08	A	258	0	258																																																																																																
2	FY 08	A	257	0	257																																																																																																
2	FY 09	A	48	0	48																																																																																																
Hardware - M915A3 without FRET																																																																																																					
	FY 06	FMS	60	0	60																																																																																																
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O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P																																																																		

M F R	Name - Location	PRODUCTION RATES				Reached D+	MFR	ADMIN LEAD TIME		MFR After 1 Oct	TOTAL After 1 Oct	REMARKS	
		MIN	1-8-5	MAX	Prior 1 Oct			After 1 Oct					
					1			Initial	2				Reorder
1	Freightliner Corporation, Portland, OR	8	100	205	3	1	0	2	6	8	The production schedule shown above is for one of two body styles in the M915 Family of Vehicles. The M915 Family of Vehicles are produced together with the commercial production which runs at an average of 40 per day or more.		
2	TBD, TBD	8	100	205	3	2	0	3	6	9			
							0	2	6	8			

<b>FY 08 / 09 BUDGET PRODUCTION SCHEDULE</b>	P-1 ITEM NOMENCLATURE TRUCK, TRACTOR, LINE HAUL, M915A2 (D15900)	Date: February 2007
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COST ELEMENTS					Fiscal Year 08												Fiscal Year 09												Later	
M F R	FY	S E R V	PROC QTY Each	ACCEP PRIOR TO 1 OCT	BAL DUE AS OF 1 OCT	Calendar Year 08												Calendar Year 09												
						O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G		S E P
Hardware - M915A3 with FRET																														
1	FY 06	A	35	35																								0		
1	FY 06	A	40	40																								0		
1	FY 06	ANG	60	60																								0		
1	FY 06	AR	61	61																								0		
1	FY 07	A	983	415	568	90	90	90	90	90	90	28																0		
1	FY 07	NA	7	7																								0		
1	FY 08	A	258	0	258			A					30	30	30	30	30	30	30	30	18							0		
2	FY 08	A	257	0	257				A						17	20	25	25	25	25	25	25	25	25	25	25	20	0		
2	FY 09	A	48	0	48																						20	20	8	0
Hardware - M915A3 without FRET																														
	FY 06	FMS	60	60																								0		
	FY 06	FMS	16	16																								0		
<b>Total</b>																														
					90	90	90	90	90	90	28	30	30	47	50	55	55	55	55	55	43	25	25	25	20	20	20	8		
					O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P		

M F R	Name - Location	PRODUCTION RATES				Reached D+	MFR	ADMIN LEAD TIME		MFR After 1 Oct	TOTAL After 1 Oct	REMARKS
		MIN	1-8-5	MAX	Prior 1 Oct			After 1 Oct				
1	Freightliner Corporation, Portland, OR	8	100	205	3	1	Initial	0	2	6	8	The production schedule shown above is for one of two body styles in the M915 Family of Vehicles. The M915 Family of Vehicles are produced together with the commercial production which runs at an average of 40 per day or more.
							Reorder	0	1	6	7	
2	TBD, TBD	8	100	205	3	2	Initial	0	3	6	9	
							Reorder	0	2	6	8	
							Initial					
							Reorder					
							Initial					
							Reorder					

**Exhibit P-40, Budget Item Justification Sheet**

Date: February 2007

Appropriation / Budget Activity / Serial No:  
Other Procurement, Army / 1 / Tactical and support vehicles

P-1 Item Nomenclature  
TRUCK, TRAC, LT EQ TRANS, 6 X 6, M916A1 (D19601)

Program Elements for Code B Items:

Code:  
A

Other Related Program Elements:

	Prior Years	FY 2006	FY 2007	FY 2008	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	To Complete	Total Prog
Proc Qty	991	47	138	11	16	47	203	253			1706
Gross Cost	93.5	10.5	33.5	3.9	5.0	12.0	51.7	65.3			275.4
Less PY Adv Proc											
Plus CY Adv Proc											
Net Proc P1	93.5	10.5	33.5	3.9	5.0	12.0	51.7	65.3			275.4
Initial Spares	0.3										0.3
Total Proc Cost	93.8	10.5	33.5	3.9	5.0	12.0	51.7	65.3			275.7
Flyaway U/C											
Weapon System Proc U/C	0.2	0.3	1.3	0.1	0.1	0.3					2.3

**Description:**

The M916A3 Light Equipment Transporter (LET) is a 68,000 Gross Vehicle Weight (GVW) tractor with a 3-1/2-inch, 40,000-pound capacity Compensator Fifth Wheel. It has an electronic diesel engine, automatic electronic transmission, anti-lock brakes, air conditioning, and is capable of operating at speeds up to 55 mph. The M916A3 Light Equipment Transporter (LET) is used primarily in engineering units to tow the 40-ton M870/M870A1 lowbed semitrailer resulting in a Gross Combination Vehicle Weight (GCVW) rating of 130,000-pounds. The M916A3 transports engineer construction equipment in the local, line haul, and maintenance evacuation missions over a 50% primary, 45% secondary, and 5% off-road mission profile.

**Justification:**

FY 08/09 procures 27 M916A3 Truck Tractors that will replace 18-20 year old M916 Truck Tractors in active duty engineer battalions and War Reserves.

<b>Exhibit P-5, Weapon OPA1 Cost Analysis</b>		Appropriation/Budget Activity/Serial No: Other Procurement, Army / 1 / Tactical and support vehicles			P-1 Line Item Nomenclature: TRUCK, TRAC, LT EQ TRANS, 6 X 6, M916A1 (D19601)			Weapon System Type:			Date: February 2007		
<b>OPA1 Cost Elements</b>	ID	<b>FY 06</b>			<b>FY 07</b>			<b>FY 08</b>			<b>FY 09</b>		
	CD	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost
		\$000	Each	\$000	\$000	Each	\$000	\$000	Each	\$000	\$000	Each	\$000
Hardware - M916A3 w/FRET		9351	47	199	28179	138	204	2331	11	212	3480	16	218
Hardware - M916A3 w/o FRET													
Program Management Support		175			400			200			200		
Engineering Change Proposals		289			480			70			104		
System Fielding Support		125			1080			143			208		
Quality Support		100			300			150			100		
Documentation		100			571			140			140		
Engineering Support		100			300			150			105		
Logistics Support		100			300			150			100		
Special Tools		100			663			150			150		
FSR Support		50			200			150			150		
Government Testing					700			150			150		
New Equipment Training					300			113			113		
<b>Total:</b>		<b>10490</b>			<b>33473</b>			<b>3897</b>			<b>5000</b>		

## Exhibit P-5a, Budget Procurement History and Planning

Date:  
February 2007

Appropriation/Budget Activity/Serial No: Other Procurement, Army/ 1/ Tactical and support vehicles	Weapon System Type:	P-1 Line Item Nomenclature: TRUCK, TRAC, LT EQ TRANS, 6 X 6, M916A1 (D19601)								
WBS Cost Elements:	Contractor and Location	Contract Method and Type	Location of PCO	Award Date	Date of First Delivery	QTY Each	Unit Cost \$000	Specs Avail Now?	Date Revsn Avail	RFP Issue Date
<b>Hardware - M916A3 w/FRET</b>										
FY 2006	Freightliner Corporation Portland, OR	CFPRQ7	TACOM, Warren, MI	Jan 06	Jul 06	47	199	YES	N/A	N/A
FY 2007	Freightliner Corporation Portland, OR	CFPRQ7	TACOM, Warren, MI	Nov 06	May 07	138	204	YES	N/A	N/A
FY 2008	Freightliner Corporation Portland, OR	CFPRQ7	TACOM, Warren, MI	Nov 07	May 08	11	212	YES	NA	N/A
FY 2009	TBD TBD	CPFFRQ5	TACOM, Warren, MI	Jan 09	Jun 09	16	218	YES	N/A	DEC 07
<b>Hardware - M916A3 w/o FRET</b>										
FY 2006	Freightliner Corporation Portland, OR	CFPRQ7	TACOM, Warren, MI	Jun 06	Dec 06	34	177	YES	N/A	N/A

REMARKS:





**FY 08 / 09 BUDGET PRODUCTION SCHEDULE**

P-1 ITEM NOMENCLATURE  
TRUCK, TRAC, LT EQ TRANS, 6 X 6, M916A1 (D19601)

Date:  
February 2007

M F R	FY	S E R V	PROC QTY Each	ACCEP PRIOR TO 1 OCT	BAL DUE AS OF 1 OCT	Fiscal Year 08													Fiscal Year 09											Later
						Calendar Year 08													Calendar Year 09											
						O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	

Hardware - M916A3 w/FRET

1	FY 06	A	47	47																											0	
1	FY 06	ANG	2	2																											0	
1	FY 06	AR	23	23																											0	
1	FY 06	AR	23	21	2	2																									0	
1	FY 07	A	138	50	88	13	15	15	15	13	11	6																			0	
1	FY 08	A	11	0	11		A						6	5																	0	
2	FY 09	A	16	0	16																				A							0

Hardware - M916A3 w/o FRET

1	FY 06	FMS	34	34																											0	
						O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P			
Total																																

M F R	Name - Location	PRODUCTION RATES				Reached D+	MFR	ADMIN LEAD TIME		MFR After 1 Oct	TOTAL After 1 Oct	REMARKS	
		MIN	1-8-5	MAX	1			Initial	Prior 1 Oct				After 1 Oct
1	Freightliner Corporation, Portland, OR	8	100	205	3	1	Initial	0	2	6	8	The production schedule shown above is for one of two body styles in the M915 Family of Vehicles. The M915 Family of Vehicles are produced together with the commercial production which runs at an average of 40 per day or more.	
							Reorder	0	1	6	7		
2	TBD, TBD	8	100	205	3	2	Initial	0	3	6	9		
							Reorder	0	2	6	8		
							Initial						
							Reorder						
							Initial						
							Reorder						
							Initial						
							Reorder						

**Exhibit P-40, Budget Item Justification Sheet**

Date: February 2007

Appropriation / Budget Activity / Serial No:  
Other Procurement, Army / 1 / Tactical and support vehicles

P-1 Item Nomenclature  
HVY EXPANDED MOBILE TACTICAL TRUCK EXT SERV PROG (DV0021)

Program Elements for Code B Items:

Code:  
A

Other Related Program Elements:

	Prior Years	FY 2006	FY 2007	FY 2008	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	To Complete	Total Prog
Proc Qty	1667	415	1147	921	951	765	747	355	355	4818	12141
Gross Cost	354.9	84.5	242.0	197.5	215.2	188.5	187.7	91.0	93.4	188.2	1842.8
Less PY Adv Proc											
Plus CY Adv Proc											
Net Proc P1	354.9	84.5	242.0	197.5	215.2	188.5	187.7	91.0	93.4	188.2	1842.8
Initial Spares											
Total Proc Cost	354.9	84.5	242.0	197.5	215.2	188.5	187.7	91.0	93.4	188.2	1842.8
Flyaway U/C											
Weapon System Proc U/C											

**Description:**

The Heavy Expanded Mobility Tactical Truck Extended Service Program (HEMTT-ESP) is a Vice Chief of Staff of the Army (VCSA) approved RECAP program and is critical to increasing HEMTT fleet readiness, reducing operation and support costs, and modernizing the fleet. HEMTT-ESP supports modularity by remanufacturing and upgrading existing HEMTT vehicles with insertion of new technologies to reduce the logistics burden and reduce life cycle costs. HEMTT-ESP is critical because it is the primary source of M1120A2R1 HEMTT Load Handling System (LHS) variants, which reduce the logistics footprint on the battlefield to support the Army's evolving transportation-based, just-in-time supply system. HEMTT LHS is an essential Combat Service Support (CSS) enabler in both the Stryker Brigade Combat Team (SBCT) and the Modular Brigades, providing C130 transportability and modular delivery of fuel, ammunition, and other classes of supply in forward areas. The ESP program reduces emissions, improves fuel economy, increases reliability, and improves safety and performance. These upgrades include a new electronically-controlled engine and transmission, bolt-together wheels, increased corrosion prevention, and 4-point seatbelts. This program produces a like-new vehicle with a full new vehicle warranty.

**Justification:**

FY 08/09 procures upgrades for 1872 HEMTT variants, including 217 M984A2R1 Wreckers, 815 M1120A2R1 LHSs, 528 M978A2R1 Tankers, 135 M983A2R1 Tractors, and 132 M977/M985 Cargo variants, 15 GMT Cargos, 15 EPP Cargos, and 15 LRPT Cargos. This completes the upgrade of two PATRIOT Battalions, fills SBCT 5 and 6, supports upgrades to modular brigades, and meets interchange requirements for M1120A2R1 HEMTT LHS.

FY06/07 totals include supplemental funding of \$48M and \$22M respectively, to support the global war on terrorism (GWOT).

OPA1 Cost Elements	ID CD	FY 06			FY 07			FY 08			FY 09		
		Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost
		\$000	Each	\$000	\$000	Each	\$000	\$000	Each	\$000	\$000	Each	\$000
<b>1. Hardware</b>													
HEMTT M984A2R1 Wrecker (ESP)		3454	16	216	47333	214	221	22888	97	236	29157	120	243
HEMTT M978A2R1 Tanker (ESP)		17774	90	197	74120	381	195	47591	228	209	64480	300	215
HEMTT M1120A2R1 LHS (ESP)		41740	251	166	56766	328	173	71802	394	182	79300	421	188
HEMTT M983A2R1 Tractor (ESP)		5484	38	144	10493	72	146	12989	90	144	6687	45	149
HEMTT M977 EPP (ESP)		1601	10	160	622	4	156	1661	10	166	855	5	171
HEMTT M977 LRPT (ESP)		949	5	190	698	4	175	1867	10	187	961	5	192
HEMTT M977A2R1 ESP Cargo					1711	11	156						
HEMTT M985E1 (ESP) GMT		1162	5	232	1337	5	267	2399	10	240	1235	5	247
HEMTT M985A2R1 (ESP)					20702	128	162	14177	82	173	8901	50	178
<b>Subtotal</b>		<b>72164</b>			<b>213782</b>			<b>175374</b>			<b>191576</b>		
1. Engineering Changes		2164			6138			4820			5425		
2. Government Testing		500			950			600			500		
3. Documentation		550			989			500			500		
4. Engineering Support		450			363			500			650		
5. Quality Support		300			500			500			500		
6. Special Tools		500			914			500			500		
7. System Fielding Support		5341			13116			10080			10750		
8. PM Support		2500			5217			4625			4800		
<b>Total:</b>		<b>84469</b>			<b>241969</b>			<b>197499</b>			<b>215201</b>		

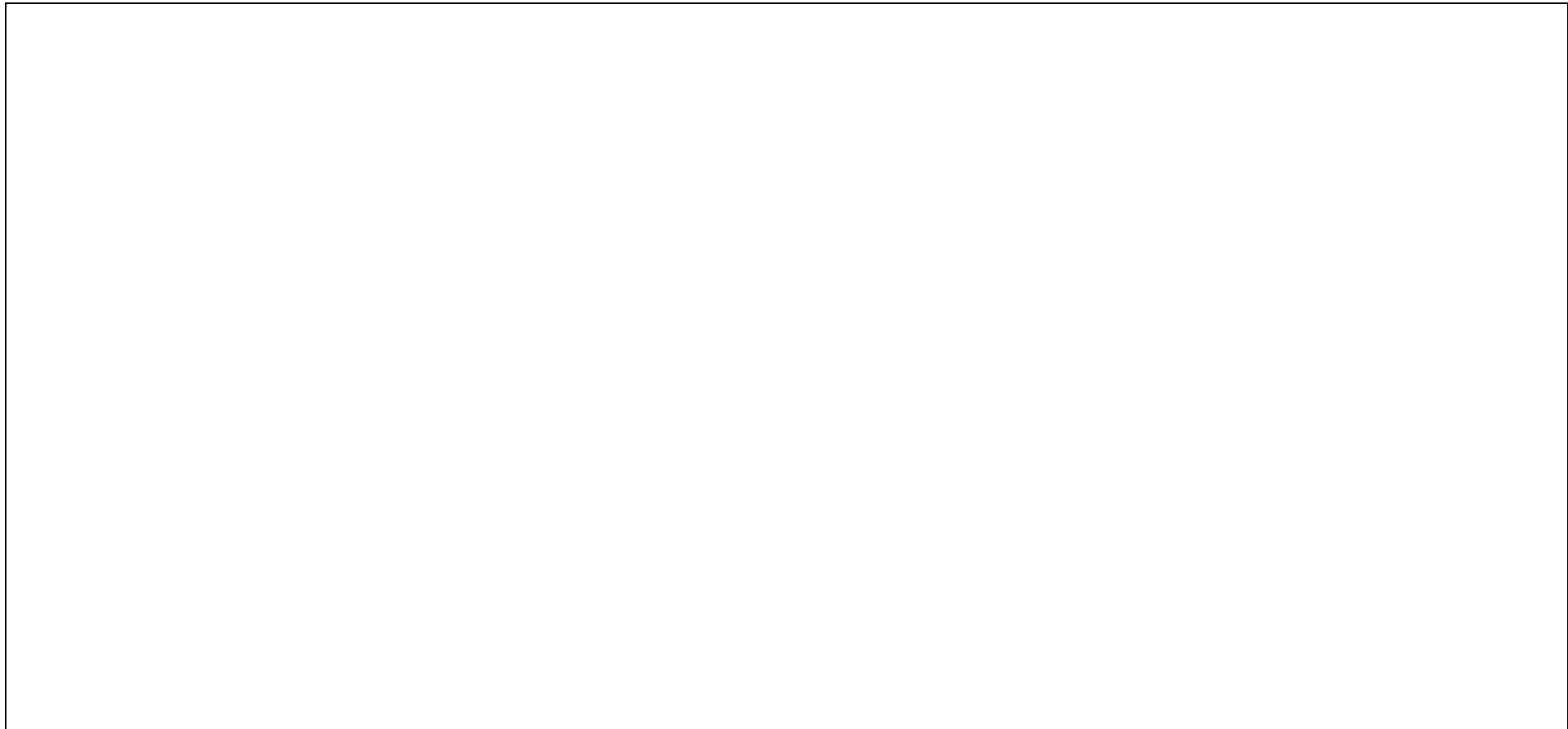
## Exhibit P-5a, Budget Procurement History and Planning

Date:  
February 2007

Appropriation/Budget Activity/Serial No: Other Procurement, Army/ 1/ Tactical and support vehicles			Weapon System Type:		P-1 Line Item Nomenclature: HVY EXPANDED MOBILE TACTICAL TRUCK EXT SERV PROG (DV0021)					
WBS Cost Elements:	Contractor and Location	Contract Method and Type	Location of PCO	Award Date	Date of First Delivery	QTY Each	Unit Cost \$000	Specs Avail Now?	Date Revsn Avail	RFP Issue Date
<b>1. Hardware</b>										
FY 2006	Oshkosh Truck Corp. (OTC) Oshkosh, WI	SS/REQ/PY 6	TACOM, Warren, MI	Dec 05	Aug 06			Yes	N/A	N/A
FY 2007	Oshkosh Truck Corp. (OTC) Oshkosh, WI	SS/FFP/Y1	TACOM, Warren, MI	Jan 07	Sep 07			Yes	N/A	N/A
FY 2008	Oshkosh Truck Corp. (OTC) Oshkosh, WI	SS/FFP/Y2	TACOM, Warren, MI	Jan 08	Sep 08			Yes	N/A	N/A
FY 2009	Oshkosh Truck Corp. (OTC) Oshkosh, WI	SS/FFP/Y3	TACOM, Warren, MI	Jan 09	Sep 09			Yes	N/A	N/A

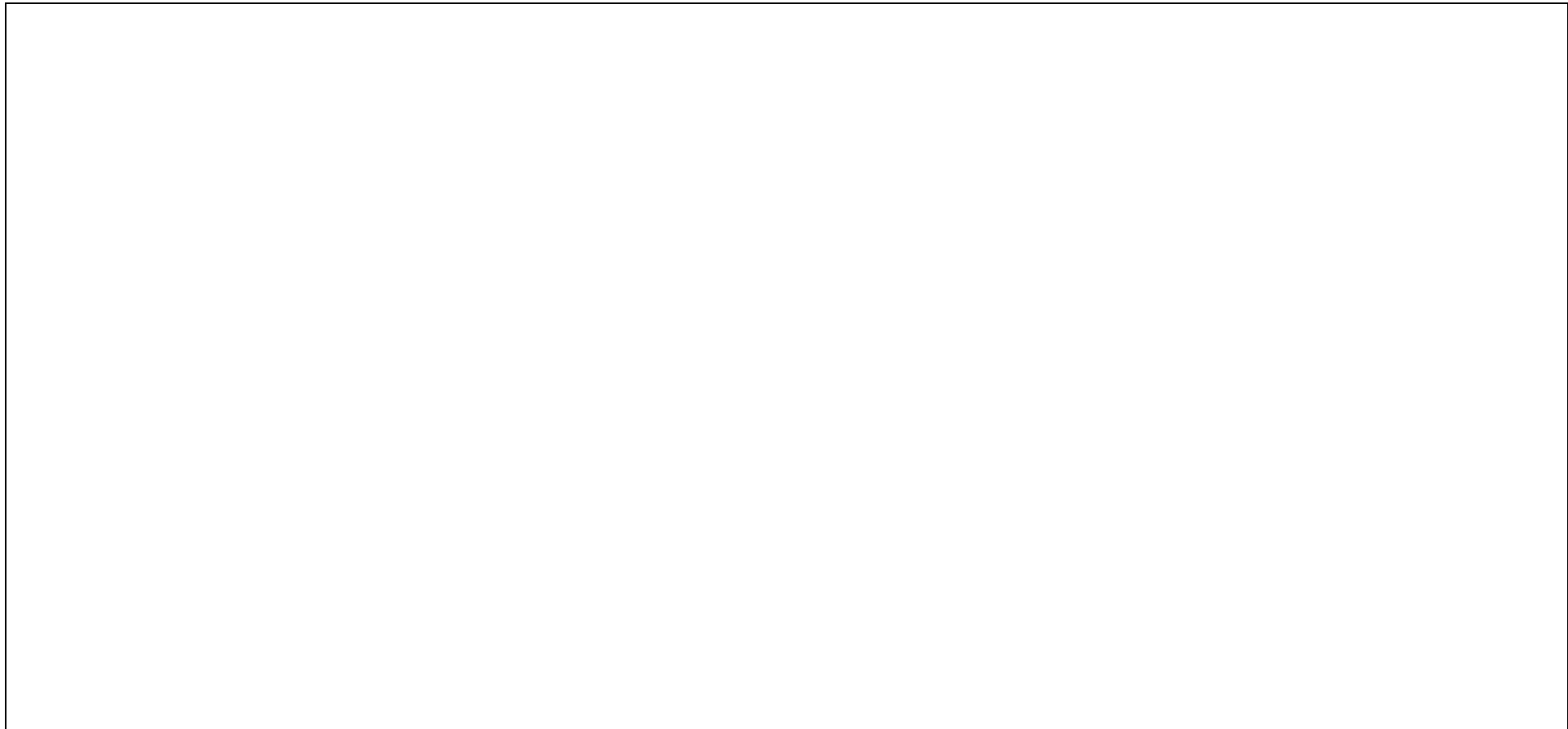
REMARKS:

FY 06 / 07 BUDGET PRODUCTION SCHEDULE					P-1 ITEM NOMENCLATURE HVY EXPANDED MOBILE TACTICAL TRUCK EXT SERV PROG (DV0021)													Date: February 2007														
COST ELEMENTS					Fiscal Year 06													Fiscal Year 07													Later	
M F R	FY	S E R V	PROC QTY Units	ACCEP PRIOR TO 1 OCT	BAL DUE AS OF 1 OCT	Calendar Year 06													Calendar Year 07													
						O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P			
HEMTT M984A2R1 Wrecker (ESP)																																
1	FY 06	A	16	0	16				A								2	2	2	2	1	1	1	1	1	1	1	1	0			
1	FY 07	A	214	0	214																	A						18	196			
1	FY 08	A	97	0	97																								97			
1	FY 09	A	120	0	120																								120			
HEMTT M978A2R1 Tanker (ESP)																																
1	FY 06	A	90	0	90				A							8	8	8	8	8	8	8	7	7	7	7	7	7	0			
1	FY 07	A	381	0	381																	A						32	349			
1	FY 08	A	228	0	228																								228			
1	FY 09	A	300	0	300																								300			
HEMTT M1120A2R1 LHS (ESP)																																
1	FY 06	A	251	0	251				A							21	21	21	21	21	21	21	21	21	21	21	20		0			
1	FY 07	A	328	0	328																	A						28	300			
1	FY 08	A	394	0	394																								394			
1	FY 09	A	421	0	421																								421			
HEMTT M983A2R1 Tractor (ESP)																																
1	FY 06	A	38	0	38				A							4	4	3	3	3	3	3	3	3	3	3	3	3	0			
						O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P			



M F R	Name - Location	PRODUCTION RATES			Reached D+	MFR	ADMIN LEAD TIME		MFR After 1 Oct	TOTAL After 1 Oct	REMARKS	
		MIN	1-8-5	MAX			Prior 1 Oct	After 1 Oct				
1	Oshkosh Truck Corp. (OTC), Oshkosh, WI	1	484	616	12	1	Initial	0	3	8	11	Note: Government EOQ 1-8-5 production rate (484/month) accommodates mix of government and commercial production on contractor's integrated production line. Max rate (616/month) reflects contractor capacity using second shift dedicated to government production.
							Reorder	0	3	8	11	
							Initial					
							Reorder					
							Initial					
							Reorder					
							Initial					
							Reorder					
							Initial					
							Reorder					





M F R	Name - Location	PRODUCTION RATES			Reached D+	MFR	ADMIN LEAD TIME		MFR After 1 Oct	TOTAL After 1 Oct	REMARKS	
		MIN	1-8-5	MAX			Prior 1 Oct	After 1 Oct				
1	Oshkosh Truck Corp. (OTC), Oshkosh, WI	1	484	616	12	1	Initial	0	3	8	11	Note: Government EOQ 1-8-5 production rate (484/month) accommodates mix of government and commercial production on contractor's integrated production line. Max rate (616/month) reflects contractor capacity using second shift dedicated to government production.
							Reorder	0	3	8	11	
							Initial					
							Reorder					
							Initial					
							Reorder					
							Initial					
							Reorder					
							Initial					
							Reorder					

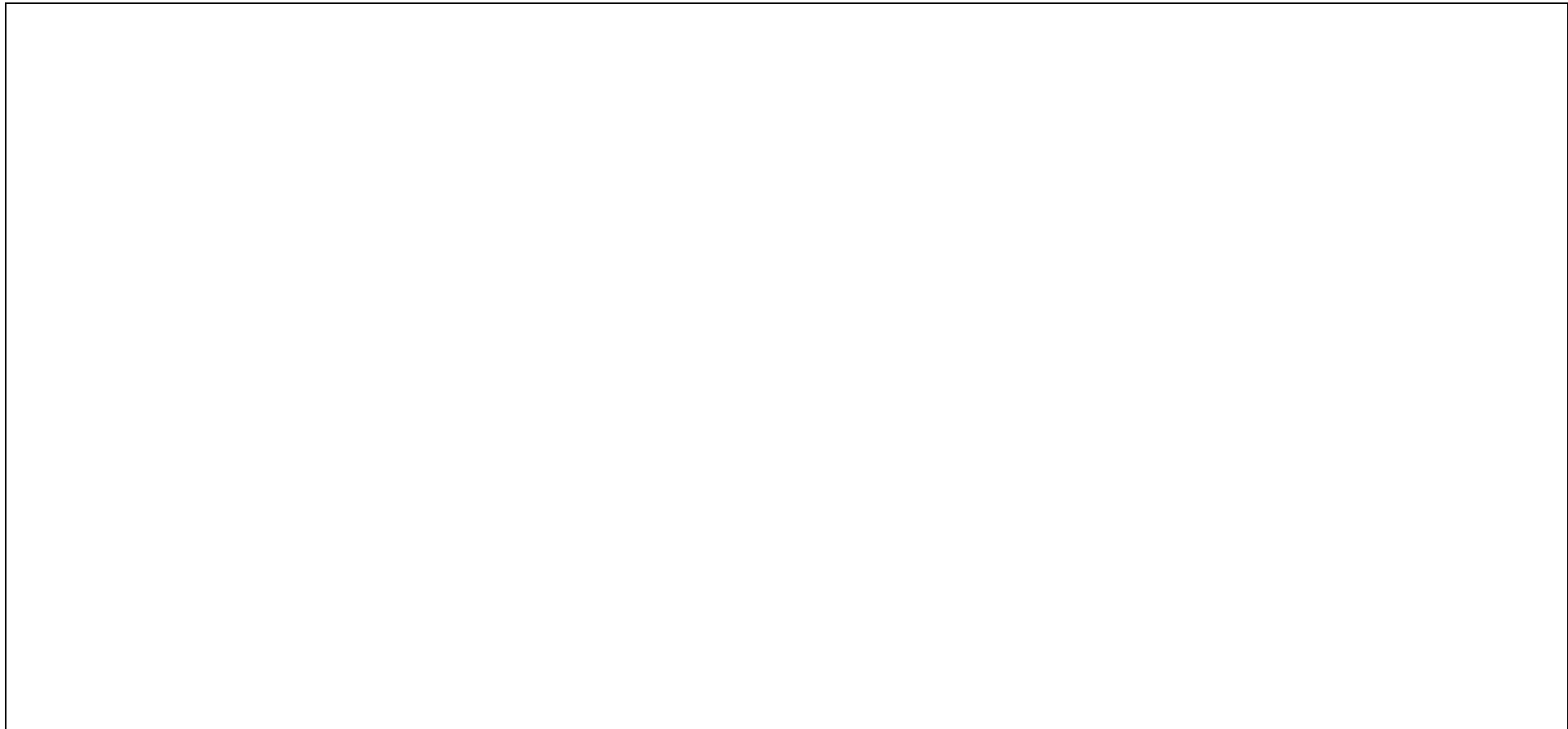


<b>FY 06 / 07 BUDGET PRODUCTION SCHEDULE</b>	P-1 ITEM NOMENCLATURE HVY EXPANDED MOBILE TACTICAL TRUCK EXT SERV PROG (DV0021)	Date: February 2007
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COST ELEMENTS						Fiscal Year 06												Fiscal Year 07												Later											
M F R	FY	S E R V	PROC QTY Units	ACCEP PRIOR TO 1 OCT	BAL DUE AS OF 1 OCT	Calendar Year 06												Calendar Year 07																							
						O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P												
1	FY 06	A	5	0	5			A								1	1	1	1	1																					0
1	FY 07	A	5	0	5																A																1		4		
1	FY 08	A	10	0	10																																			10	
1	FY 09	A	5	0	5																																			5	
<b>HEMTT M985A2R1 (ESP)</b>																																									
1	FY 06	A	0	0																																			0		
1	FY 07	A	128	0	128																A															11		117			
1	FY 08	A	82	0	82																																		82		
1	FY 09	A	50	0	50																																		50		
<b>Total</b>																																									
			3434		3434											38	38	37	37	36	34	33	33	33	33	33	33	32	31					99		2920					

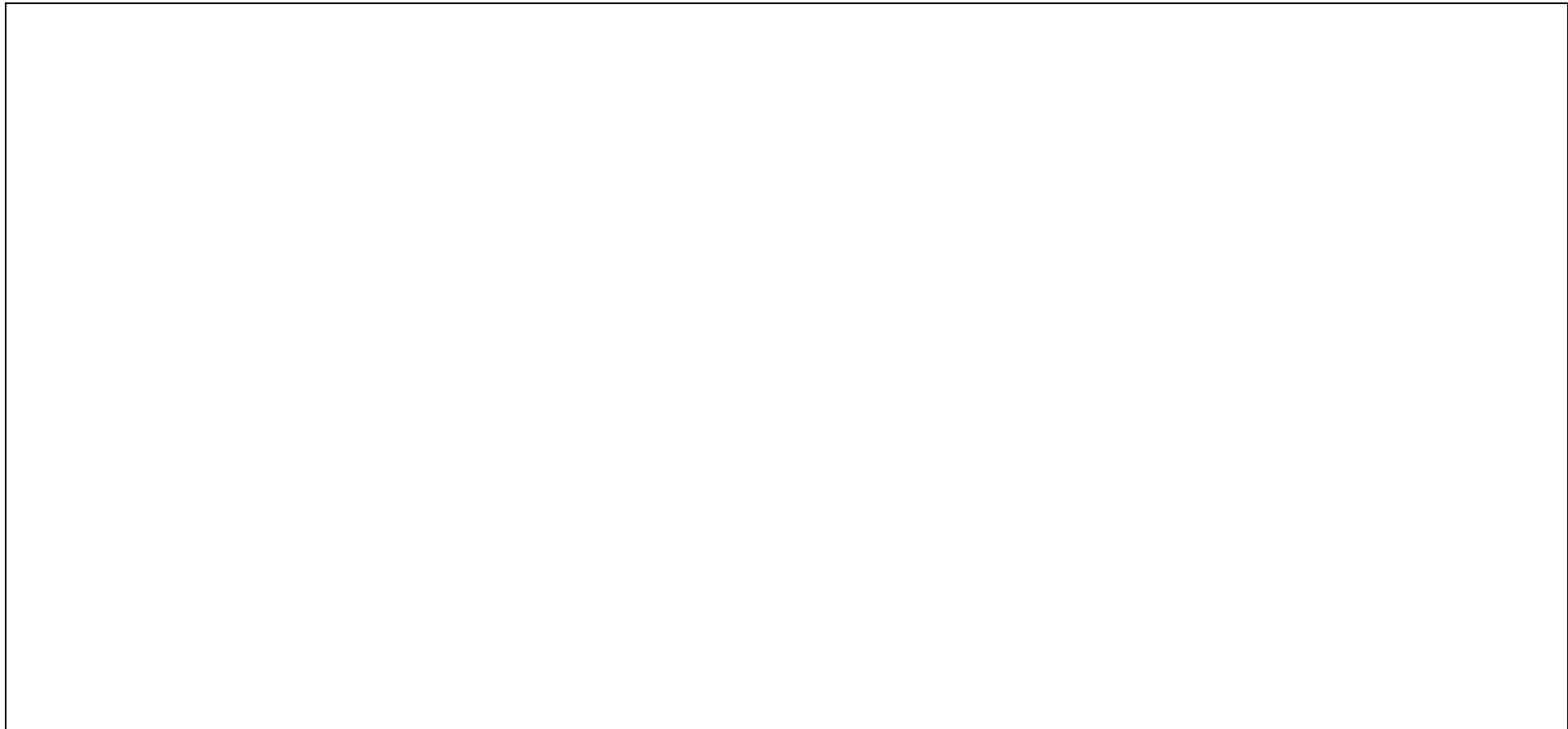
M F R	Name - Location	PRODUCTION RATES			Reached D+	MFR	ADMIN LEAD TIME		MFR After 1 Oct	TOTAL After 1 Oct	REMARKS
		MIN	1-8-5	MAX			Prior 1 Oct	After 1 Oct			
1	Oshkosh Truck Corp. (OTC), Oshkosh, WI	1	484	616	12	1	0	3	8	11	REMARKS Note: Government EOQ 1-8-5 production rate (484/month) accommodates mix of government and commercial production on contractor's integrated production line. Max rate (616/month) reflects contractor capacity using second shift dedicated to government production.
						Initial					
						Reorder					
						Initial					
						Reorder					
						Initial					
						Reorder					
						Initial					

FY 08 / 09 BUDGET PRODUCTION SCHEDULE					P-1 ITEM NOMENCLATURE HVY EXPANDED MOBILE TACTICAL TRUCK EXT SERV PROG (DV0021)													Date: February 2007														
COST ELEMENTS					Fiscal Year 08													Fiscal Year 09													Later	
M F R	FY	S E R V	PROC QTY Units	ACCEP PRIOR TO 1 OCT	BAL DUE AS OF 1 OCT	Calendar Year 08													Calendar Year 09													
						O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P			
HEMTT M984A2R1 Wrecker (ESP)																																
1	FY 06	A	16	16																								0				
1	FY 07	A	214	18	196	18	18	18	18	18	18	18	18	18	17	17												0				
1	FY 08	A	97	0	97				A								9	8	8	8	8	8	8	8	8	8	8	0				
1	FY 09	A	120	0	120																						10	110				
HEMTT M978A2R1 Tanker (ESP)																																
1	FY 06	A	90	90																								0				
1	FY 07	A	381	32	349	32	32	32	32	32	32	32	32	31	31	31												0				
1	FY 08	A	228	0	228				A								19	19	19	19	19	19	19	19	19	19	19	0				
1	FY 09	A	300	0	300																						25	275				
HEMTT M1120A2R1 LHS (ESP)																																
1	FY 06	A	251	251																								0				
1	FY 07	A	328	28	300	28	28	28	27	27	27	27	27	27	27	27												0				
1	FY 08	A	394	0	394				A								33	33	33	33	33	33	33	33	33	33	33	0				
1	FY 09	A	421	0	421																						36	385				
HEMTT M983A2R1 Tractor (ESP)																																
1	FY 06	A	38	38																								0				
						O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P			



M F R	Name - Location	PRODUCTION RATES			Reached D+	MFR	ADMIN LEAD TIME		MFR After 1 Oct	TOTAL After 1 Oct	REMARKS	
		MIN	1-8-5	MAX			Prior 1 Oct	After 1 Oct				
1	Oshkosh Truck Corp. (OTC), Oshkosh, WI	1	484	616	12	1	Initial	0	3	8	11	Note: Government EOQ 1-8-5 production rate (484/month) accommodates mix of government and commercial production on contractor's integrated production line. Max rate (616/month) reflects contractor capacity using second shift dedicated to government production.
							Reorder	0	3	8	11	
							Initial					
							Reorder					
							Initial					
							Reorder					
							Initial					
							Reorder					
							Initial					
							Reorder					

<b>FY 08 / 09 BUDGET PRODUCTION SCHEDULE</b>															P-1 ITEM NOMENCLATURE HVY EXPANDED MOBILE TACTICAL TRUCK EXT SERV PROG (DV0021)										Date: February 2007														
<b>COST ELEMENTS</b>						<b>Fiscal Year 08</b>										<b>Fiscal Year 09</b>																							
M F R	FY	S E R V	PROC QTY Units	ACCEP PRIOR TO 1 OCT	BAL DUE AS OF 1 OCT	<b>Calendar Year 08</b>												<b>Calendar Year 09</b>												Later									
						O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P										
1	FY 07	A	72	6	66	6	6	6	6	6	6	6	6	6	6																								0
1	FY 08	A	90	0	90					A							8	8	8	8	8	8	8	7	7	7	7	7	7	7								0	
1	FY 09	A	45	0	45																						A										4	41	
HEMTT M977 EPP (ESP)																																							
1	FY 06	A	10	10																																		0	
1	FY 07	A	4	1	3	1	1	1																														0	
1	FY 08	A	10	0	10					A							1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0		
1	FY 09	A	5	0	5																						A									1	4		
HEMTT M977 LRPT (ESP)																																							
1	FY 06	A	5	5																																	0		
1	FY 07	A	4	1	3	1	1	1																													0		
1	FY 08	A	10	0	10					A							1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0			
1	FY 09	A	5	0	5																						A									1	4		
HEMTT M977A2R1 ESP Cargo																																							
1	FY 06	A	0	0																																	0		
1	FY 07	A	11	1	10	1	1	1	1	1	1	1	1	1	1																						0		
HEMTT M985E1 (ESP) GMT																																							
						O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P										



M F R	Name - Location	PRODUCTION RATES			Reached D+	MFR	ADMIN LEAD TIME		MFR After 1 Oct	TOTAL After 1 Oct	REMARKS	
		MIN	1-8-5	MAX			Prior 1 Oct	After 1 Oct				
1	Oshkosh Truck Corp. (OTC), Oshkosh, WI	1	484	616	12	1	Initial	0	3	8	11	Note: Government EOQ 1-8-5 production rate (484/month) accommodates mix of government and commercial production on contractor's integrated production line. Max rate (616/month) reflects contractor capacity using second shift dedicated to government production.
							Reorder	0	3	8	11	
							Initial					
							Reorder					
							Initial					
							Reorder					
							Initial					
							Reorder					
							Initial					
							Reorder					

**FY 08 / 09 BUDGET PRODUCTION SCHEDULE**

P-1 ITEM NOMENCLATURE  
HVY EXPANDED MOBILE TACTICAL TRUCK EXT SERV PROG  
(DV0021)

Date:  
February 2007

COST ELEMENTS					Fiscal Year 08													Fiscal Year 09											Later	
M F R	FY	S E R V	PROC QTY Units	ACCEP PRIOR TO 1 OCT	BAL DUE AS OF 1 OCT	Calendar Year 08													Calendar Year 09											
						O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G		S E P
1	FY 06	A	5	5																										0
1	FY 07	A	5	1	4	1	1	1	1																				0	
1	FY 08	A	10	0	10				A						1	1	1	1	1	1	1	1	1	1	1			1	0	
1	FY 09	A	5	0	5																		A						5	

HEMTT M985A2R1 (ESP)

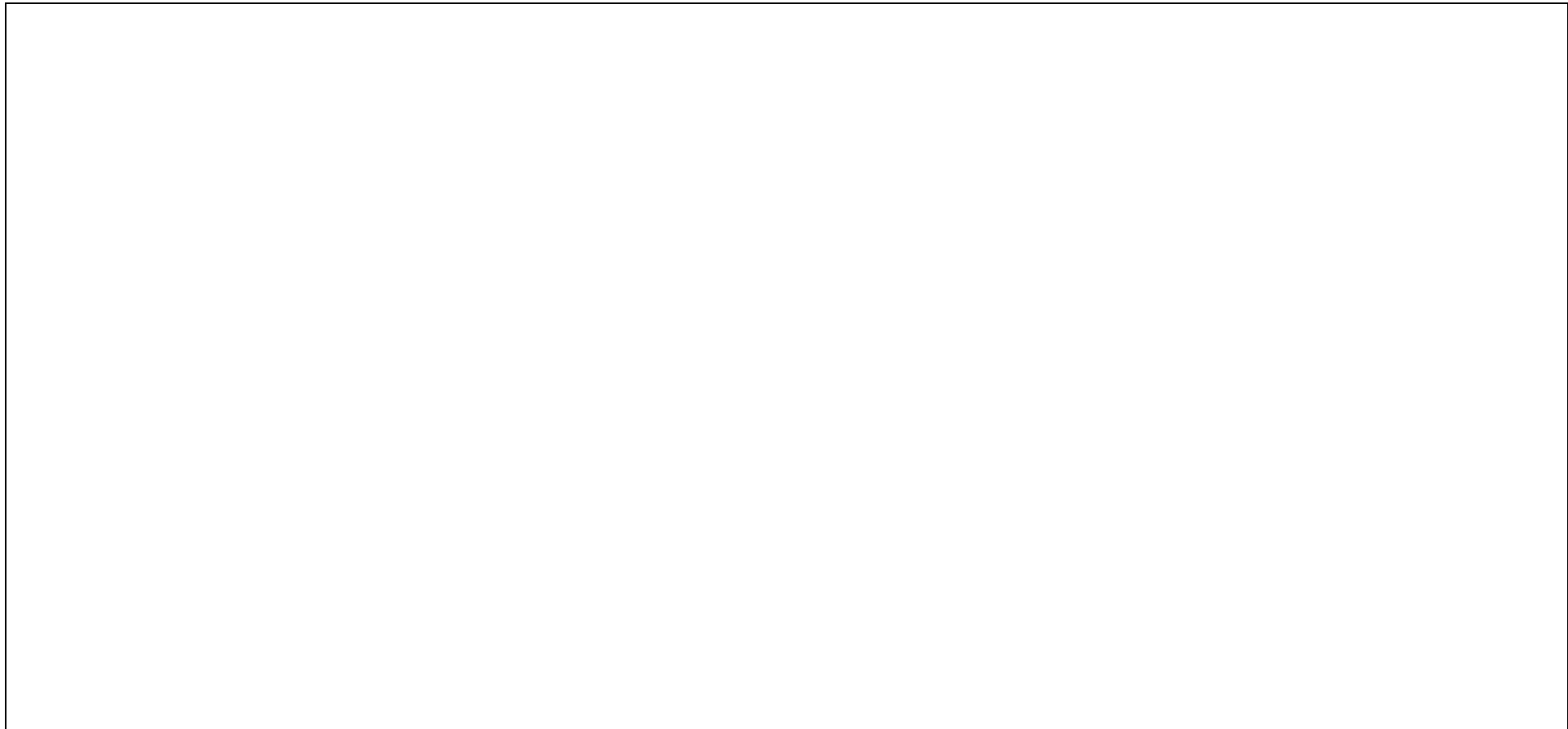
1	FY 06	A	0	0																									0
1	FY 07	A	128	11	117	10	10	10	10	10	10	10	10	9	9	9													0
1	FY 08	A	82	0	82				A							7	7	7	7	7	7	7	7	7	7	6	6	7	0
1	FY 09	A	50	0	50																		A					5	45

Total

			3434	514	2920	98	98	98	95	94	94	94	94	93	91	90	88	78	78	78	78	78	77	77	77	75	72	66	90	869
						O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	

M F R	Name - Location	PRODUCTION RATES				Reached D+	MFR	ADMIN LEAD TIME		MFR After 1 Oct	TOTAL After 1 Oct	REMARKS Note: Government EOQ 1-8-5 production rate (484/month) accommodates mix of government and commercial production on contractor's integrated production line. Max rate (616/month) reflects contractor capacity using second shift dedicated to government production.
		MIN	1-8-5	MAX	Prior 1 Oct			After 1 Oct				
		1	Initial	0	3	8	11					
1	Oshkosh Truck Corp. (OTC), Oshkosh, WI	1	484	616	12	1	Initial	0	3	8	11	
							Reorder	0	3	8	11	
							Initial					
							Reorder					
							Initial					
							Reorder					
							Initial					
							Reorder					

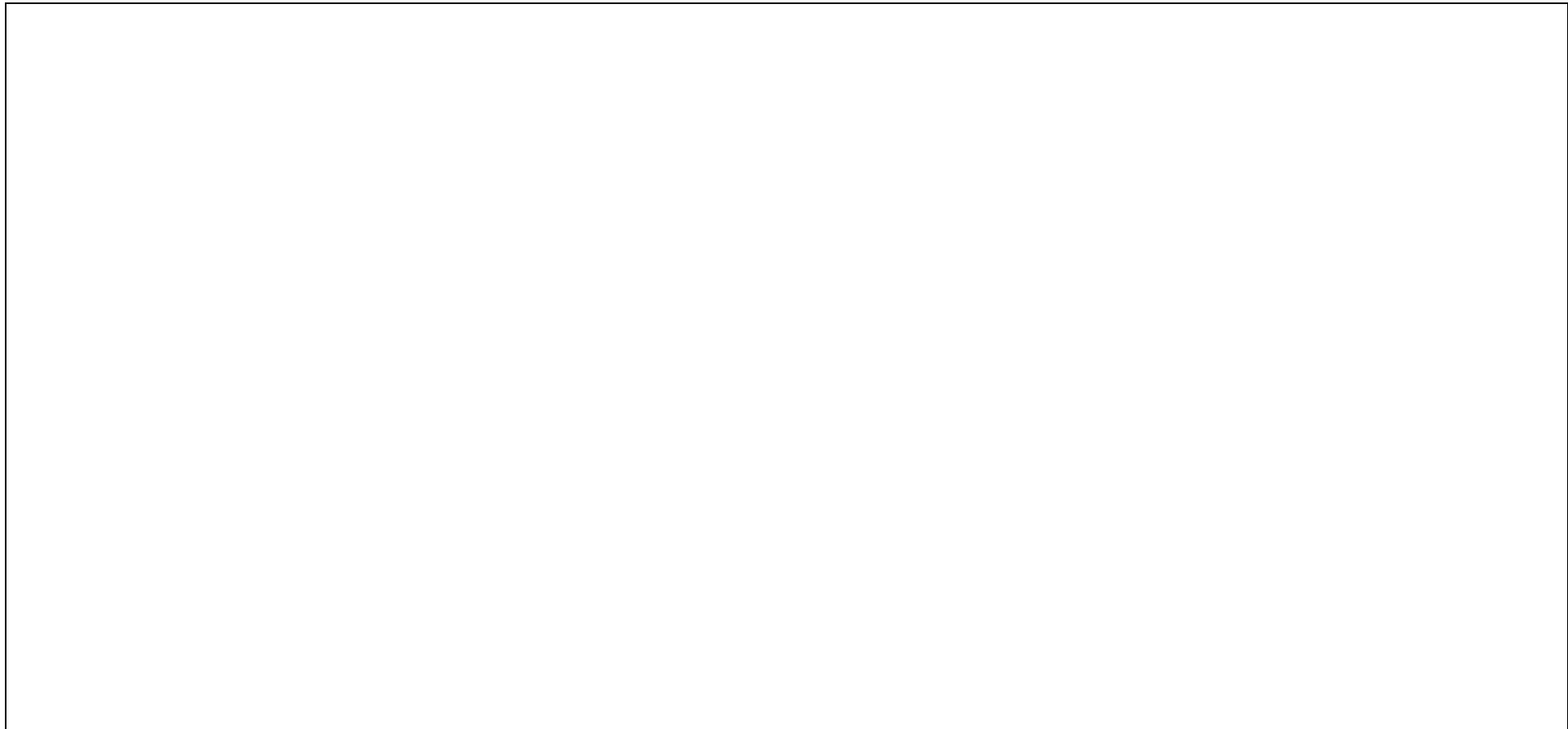
FY 10 / 11 BUDGET PRODUCTION SCHEDULE										P-1 ITEM NOMENCLATURE HVY EXPANDED MOBILE TACTICAL TRUCK EXT SERV PROG (DV0021)										Date: February 2007									
COST ELEMENTS					Fiscal Year 10										Fiscal Year 11										Later				
M F R	FY	S E R V	PROC QTY Units	ACCEP PRIOR TO 1 OCT	BAL DUE AS OF 1 OCT	Calendar Year 10										Calendar Year 11													
						O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R		M A Y	J U N	J U L	A U G
HEMTT M984A2R1 Wrecker (ESP)																													
1	FY 06	A	16	16																								0	
1	FY 07	A	214	214																								0	
1	FY 08	A	97	97																								0	
1	FY 09	A	120	10	110	10	10	10	10	10	10	10	10	10	10	10												0	
HEMTT M978A2R1 Tanker (ESP)																													
1	FY 06	A	90	90																								0	
1	FY 07	A	381	381																								0	
1	FY 08	A	228	228																								0	
1	FY 09	A	300	25	275	25	25	25	25	25	25	25	25	25	25	25												0	
HEMTT M1120A2R1 LHS (ESP)																													
1	FY 06	A	251	251																								0	
1	FY 07	A	328	328																								0	
1	FY 08	A	394	394																								0	
1	FY 09	A	421	36	385	35	35	35	35	35	35	35	35	35	35	35												0	
HEMTT M983A2R1 Tractor (ESP)																													
1	FY 06	A	38	38																								0	
						O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P



M F R	Name - Location	PRODUCTION RATES			Reached D+	MFR	ADMIN LEAD TIME		MFR After 1 Oct	TOTAL After 1 Oct	REMARKS	
		MIN	1-8-5	MAX			Prior 1 Oct	After 1 Oct				
1	Oshkosh Truck Corp. (OTC), Oshkosh, WI	1	484	616	12	1	Initial	0	3	8	11	
							Reorder	0	3	8	11	
							Initial					
							Reorder					
							Initial					
							Reorder					
							Initial					
							Reorder					
							Initial					
							Reorder					



FY 10 / 11 BUDGET PRODUCTION SCHEDULE															P-1 ITEM NOMENCLATURE HVY EXPANDED MOBILE TACTICAL TRUCK EXT SERV PROG (DV0021)										Date: February 2007													
COST ELEMENTS						Fiscal Year 10										Fiscal Year 11										Later												
M F R	FY	S E R V	PROC QTY Units	ACCEP PRIOR TO 1 OCT	BAL DUE AS OF 1 OCT	Calendar Year 10										Calendar Year 11																						
						O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y		J U N	J U L	A U G	S E P								
1	FY 07	A	72	72																																		0
1	FY 08	A	90	90																																		0
1	FY 09	A	45	4	41	4	4	4	4	4	4	3	3	3	3	3	3																				0	
HEMTT M977 EPP (ESP)																																						
1	FY 06	A	10	10																																	0	
1	FY 07	A	4	4																																	0	
1	FY 08	A	10	10																																	0	
1	FY 09	A	5	1	4	1	1	1	1																												0	
HEMTT M977 LRPT (ESP)																																						
1	FY 06	A	5	5																																	0	
1	FY 07	A	4	4																																	0	
1	FY 08	A	10	10																																	0	
1	FY 09	A	5	1	4	1	1	1	1																												0	
HEMTT M977A2R1 ESP Cargo																																						
1	FY 06	A	0	0																																	0	
1	FY 07	A	11	11																																	0	
HEMTT M985E1 (ESP) GMT																																						
						O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P									



M F R	Name - Location	PRODUCTION RATES			Reached D+	MFR	ADMIN LEAD TIME		MFR After 1 Oct	TOTAL After 1 Oct	REMARKS	
		MIN	1-8-5	MAX			Prior 1 Oct	After 1 Oct				
1	Oshkosh Truck Corp. (OTC), Oshkosh, WI	1	484	616	12	1	Initial	0	3	8	11	
							Reorder	0	3	8	11	
							Initial					
							Reorder					
							Initial					
							Reorder					
							Initial					
							Reorder					
							Initial					
							Reorder					

<b>FY 10 / 11 BUDGET PRODUCTION SCHEDULE</b>	P-1 ITEM NOMENCLATURE HVY EXPANDED MOBILE TACTICAL TRUCK EXT SERV PROG (DV0021)	Date: February 2007
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COST ELEMENTS						Fiscal Year 10										Fiscal Year 11										Later									
M F R	FY	S E R V	PROC QTY Units	ACCEP PRIOR TO 1 OCT	BAL DUE AS OF 1 OCT	Calendar Year 10										Calendar Year 11																			
						O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y		J U N	J U L	A U G	S E P					
1	FY 06	A	5	5																															0
1	FY 07	A	5	5																															0
1	FY 08	A	10	10																															0
1	FY 09	A	5	0	5	1	1	1	1	1																									0

HEMTT M985A2R1 (ESP)																																		
1	FY 06	A	0	0																														0
1	FY 07	A	128	128																														0
1	FY 08	A	82	82																														0
1	FY 09	A	50	5	45	5	4	4	4	4	4	4	4	4	4																			0
Total																																		
					82	81	81	81	79	77	77	77	77	77	77	3																		
					O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P						

M F R	Name - Location	PRODUCTION RATES				Reached D+	MFR	ADMIN LEAD TIME		MFR After 1 Oct	TOTAL After 1 Oct	REMARKS
		MIN	1-8-5	MAX	1			Prior 1 Oct	After 1 Oct			
		1	Oshkosh Truck Corp. (OTC), Oshkosh, WI	1	484	616	12	1	Initial	0	3	
							Reorder	0	3	8	11	
							Initial					
							Reorder					
							Initial					
							Reorder					
							Initial					
							Reorder					
							Initial					
							Reorder					

**Exhibit P-40, Budget Item Justification Sheet**

Date: February 2007

Appropriation / Budget Activity / Serial No:  
Other Procurement, Army / 1 / Tactical and support vehicles

P-1 Item Nomenclature  
GROW THE FORCE (DV0011)

Program Elements for Code B Items:

Code:  
A

Other Related Program Elements:

	Prior Years	FY 2006	FY 2007	FY 2008	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	To Complete	Total Prog
Proc Qty											
Gross Cost				1925.8	2025.8	2432.3	1900.0				8283.9
Less PY Adv Proc											
Plus CY Adv Proc											
Net Proc P1				1925.8	2025.8	2432.3	1900.0				8283.9
Initial Spares											
Total Proc Cost				1925.8	2025.8	2432.3	1900.0				8283.9
Flyaway U/C											
Weapon System Proc U/C											

**Description:**

The Growing the Force Initiative implements guidance from the Office of the Secretary of Defense to increase the end strength of the Army by 7,000 soldiers a year for 5 years, for a total of 35,000 additional soldiers. This growth in the number of soldiers will provide an additional significant number of trained, ready, deployable combat brigades which will reduce unit stress, increase combat capabilities, and demonstrate increased willingness to engage strategic competitors and prosecute the Global War on Terror.

**Justification:**

Fiscal Year (FY) 2008/2009 funding supports OPA 1 Tactical and Support Vehicles. The Army will provide exact budget line item detail in a future budget submission as a precise determination of requirements by Table of Organizational Equipment (TOE) is performed. To do this, the Army is conducting a complete analysis of equipment needed by each unit added to the Army by year.

When this analysis is completed, it will also demonstrate increased equipment density because of force protection requirements, increasing combat power, and lessons learned in Operation Iraqi Freedom and Operation Enduring Freedom.

**Exhibit P-40, Budget Item Justification Sheet**

Date: February 2007

Appropriation / Budget Activity / Serial No:  
Other Procurement, Army / 1 / Tactical and support vehicles

P-1 Item Nomenclature  
HMMWV RECAPITALIZATION PROGRAM (DV0230)

Program Elements for Code B Items:

Code:

Other Related Program Elements:

	Prior Years	FY 2006	FY 2007	FY 2008	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	To Complete	Total Prog
Proc Qty	3343	14837	9204								27384
Gross Cost	175.6	798.9	455.0								1429.5
Less PY Adv Proc											
Plus CY Adv Proc											
Net Proc P1	175.6	798.9	455.0								1429.5
Initial Spares											
Total Proc Cost	175.6	798.9	455.0								1429.5
Flyaway U/C											
Weapon System Proc U/C	0.1	0.1	0.0								0.2

**Description:**

The High Mobility Multi-Purpose Wheeled Vehicle (HMMWV) Recapitalization (Recap) program converts vehicles from HMMWV M998A0/A1 and M1025A0/A1 configurations to the M1097R1 and M1025R1, respectively. The HMMWV Recap program maintains the Army's investment in the Light Tactical Vehicle Fleet and supports the Army's modularity strategy. Reconfiguration of the HMMWV N998A0/A1 and M1025A0/A1 vehicles to the HMMWV M1097R1 and M1025R1 configuration results in a more capable vehicle with improved reliability and maintainability. This recapitalization program will permit heavier payloads and modernize the fielded HMMWV fleet. The result of this recapitalization effort is a vehicle with an extended service life and additional payload capabilities.

**Justification:**

FY08/09 program not funded. FY 2007 Bridge supplemental procured 8,929 HMMWV M1097R1 and 275 HMMWV M1025R1 recapitalized vehicles. The need for bridge supplemental is to recap a total of 9,204 vehicles: 3,654 vehicles for USAR; 2,928 for the National Guard and 1,968 for Active component, all supporting Modularity. Additional there will be 654 vehicles Recapped for swap out with customers turning in older equipment.

FY06/07 totals include supplemental funding of \$766.154 million and \$455.0 million respectively, to support the global war on terrorism (GWOT).

Exhibit P-5, Weapon OPA1 Cost Analysis	Appropriation/Budget Activity/Serial No: Other Procurement, Army / 1 / Tactical and support vehicles			P-1 Line Item Nomenclature: HMMWV RECAPITALIZATION PROGRAM (DV0230)			Weapon System Type:			Date: February 2007			
OPA1 Cost Elements	ID	FY 06			FY 07			FY 08			FY 09		
	CD	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost
		\$000	Units	\$000	\$000	Units	\$000	\$000	Units	\$000	\$000	Units	\$000
<b>Vehicles</b>													
M1097R1		732822	14507	51	431125	8929	48						
M1025R1		18691	330	57	14602	275	53						
<b>Subtotal</b>		<b>751513</b>			<b>445727</b>								
Government Testing		1228											
Engineering Support - In-House		687			500								
Quality Assurance Support - In-House		150			220								
Fielding Support		2213			2207								
Basic Issue Items (BI)		21375			2745								
Kits		19798			1851								
Project Management Support		1965			1750								
<b>Total:</b>		<b>798929</b>			<b>455000</b>								

## Exhibit P-5a, Budget Procurement History and Planning

Date:  
February 2007

Appropriation/Budget Activity/Serial No: Other Procurement, Army/ 1/ Tactical and support vehicles	Weapon System Type:	P-1 Line Item Nomenclature: HMMWV RECAPITALIZATION PROGRAM (DV0230)								
WBS Cost Elements:	Contractor and Location	Contract Method and Type	Location of PCO	Award Date	Date of First Delivery	QTY Units	Unit Cost \$000	Specs Avail Now?	Date Revsn Avail	RFP Issue Date
<b>M1097R1</b>										
FY 2006	Letterkenny Army Depot Chambersburg, PA	MIPR	TACOM, Warren, MI	Nov 05	Jan 06	6586	51	Y	NA	NA
FY 2006	Red River Army Depot Texarkana, TX	MIPR	TACOM, Warren, MI	Nov 05	Jan 06	7495	51	Y	NA	NA
FY 2006	Maine Military Authority Limestone, ME	MIPR	MMA, Limestone, ME	Dec 05	Jan 06	426	40	Y	NA	NA
FY 2007	Letterkenny Army Depot Chambersburg, PA	MIPR	TACOM, Warren, MI	Nov 06	Jul 07	5175	48	Y	NA	NA
FY 2007	Red River Army Depot Texarkana, TX	MIPR	TACOM, Warren, MI	Nov 06	Jul 07	3504	48	Y	NA	NA
FY 2007	Maine Military Authority Limestone, ME	MIPR	MMA, Limestone, ME	Nov 06	Apr 07	250	31	Y	NA	NA
<b>M1025R1</b>										
FY 2006	Red River Army Depot Texarkana, TX	MIPR	TACOM, Warren, MI	Nov 05	Jan 06	330	57	Y	NA	NA
FY 2007	Red River Army Depot Texarkana, TX	MIPR	TACOM, Warren, MI	Nov 06	Jul 07	275	53	Y	NA	NA

REMARKS:

<b>FY 06 / 07 BUDGET PRODUCTION SCHEDULE</b>														P-1 ITEM NOMENCLATURE HMMWV RECAPITALIZATION PROGRAM (DV0230)											Date: February 2007	
--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	------------------------	--

<b>COST ELEMENTS</b>						<b>Fiscal Year 06</b>														<b>Fiscal Year 07</b>													
----------------------	--	--	--	--	--	-----------------------	--	--	--	--	--	--	--	--	--	--	--	--	--	-----------------------	--	--	--	--	--	--	--	--	--	--	--	--	--

MFR	FY	S E R V	PROC QTY Units	ACCEP PRIOR TO 1 OCT	BAL DUE AS OF 1 OCT	<b>Calendar Year 06</b>														<b>Calendar Year 07</b>														Later
						O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P					

M1097R1																																							
1	FY 06	A	7495	0	7495			A		417	417	417	417	417	417	417	417	416	416	416	416	416	416	416	416	416	416	416	416	416	416	416	0						
2	FY 06	A	6586	0	6586			A		366	366	366	366	366	366	366	366	366	366	366	366	366	366	366	366	366	366	366	365	365			0						
1	FY 07	A	5175	0	5175																											471	471	471	3762				
2	FY 07	A	3504	0	3504																											318	318	318	2550				
3	FY 06	NG	426	0	426			A	29	29	29	29	29	29	29	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	0					
3	FY 07	NG	250	0	250																												25	25	25	25	25	25	100

M1025R1																																						
1	FY 06	A	330	0	330			A		18	18	18	18	18	18	18	18	18	18	18	18	18	18	18	18	18	19	19	19	19	19	19	19	19	0			
1	FY 07	A	275	0	275																														25	25	25	200

Total			24041		24041					830	830	830	830	830	830	830	829	828	828	828	828	828	828	828	829	829	829	826	825	825	839	839	839	6612	
						O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P						

MFR	Name - Location	PRODUCTION RATES			Reached D+	MFR	ADMIN LEAD TIME		MFR After 1 Oct	TOTAL After 1 Oct	REMARKS
		MIN	1-8-5	MAX			Prior 1 Oct	After 1 Oct			
		1	Red River Army Depot, Texarkana, TX	278			396	640	1	Initial	
						Reorder	0	0	1	1	
2	Letterkenny Army Depot, Chambersburg, PA	278	330	500	2	Initial	0	2	1	3	
						Reorder	0	0	1	1	
3	Maine Military Authority, Limestone, ME	50	40	50	3	Initial	0	3	4	7	
						Reorder	0	2	1	3	
						Initial					
						Reorder					
						Initial					
						Reorder					



<b>FY 08 / 09 BUDGET PRODUCTION SCHEDULE</b>	P-1 ITEM NOMENCLATURE HMMWV RECAPITALIZATION PROGRAM (DV0230)	Date: February 2007
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COST ELEMENTS						Fiscal Year 08												Fiscal Year 09												Later
M F R	FY	S E R V	PROC QTY Units	ACCEP PRIOR TO 1 OCT	BAL DUE AS OF 1 OCT	Calendar Year 08												Calendar Year 09												
						O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	
M1097R1																														
1	FY 06	A	7495	7495																									0	
2	FY 06	A	6586	6586																									0	
1	FY 07	A	5175	1413	3762	471	471	471	471	485	485	485	423																0	
2	FY 07	A	3504	954	2550	318	318	318	318	328	328	328	294																0	
3	FY 06	NG	426	426																									0	
3	FY 07	NG	250	150	100	25	25	25	25																				0	
M1025R1																														
1	FY 06	A	330	330																									0	
1	FY 07	A	275	75	200	25	25	25	25	25	25	25	25																0	
Total																														
						24041	17429	6612	839	839	839	839	838	838	838	742														
						O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	

M F R	Name - Location	PRODUCTION RATES			Reached D+	MFR	ADMIN LEAD TIME		MFR After 1 Oct	TOTAL After 1 Oct	REMARKS		
		MIN	1-8-5	MAX			1	Initial				Prior 1 Oct	After 1 Oct
1	Red River Army Depot, Texarkana, TX	278	396	640		1	Initial	0	2	1	3		
							Reorder	0	0	1	1		
2	Letterkenny Army Depot, Chambersburg, PA	278	330	500		2	Initial	0	2	1	3		
							Reorder	0	0	1	1		
3	Maine Military Authority, Limestone, ME	50	40	50		3	Initial	0	3	4	7		
							Reorder	0	2	1	3		
							Initial						
							Reorder						
							Initial						
							Reorder						

**Exhibit P-40, Budget Item Justification Sheet**

Date: February 2007

Appropriation / Budget Activity / Serial No:  
Other Procurement, Army / 1 / Tactical and support vehicles

P-1 Item Nomenclature  
MODIFICATION OF IN SVC EQUIP (DA0924)

Program Elements for Code B Items:

Code:  
A

Other Related Program Elements:

	Prior Years	FY 2006	FY 2007	FY 2008	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	To Complete	Total Prog
Proc Qty											
Gross Cost	2268.4	52.3	216.6	32.7	32.5	32.6	32.8	54.1	14.6		2736.6
Less PY Adv Proc											
Plus CY Adv Proc											
Net Proc P1	2268.4	52.3	216.6	32.7	32.5	32.6	32.8	54.1	14.6		2736.6
Initial Spares											
Total Proc Cost	2268.4	52.3	216.6	32.7	32.5	32.6	32.8	54.1	14.6		2736.6
Flyaway U/C											
Weapon System Proc U/C											

**Description:**

Equipment modifications increase survivability of soldiers in the field and improve vehicle readiness. Modifications support the hardware and application of armor kits and armored cabs for most types of tactical vehicles; Anti-lock brakes (ABS), tires and tubes for the M939 Series 5-Ton Truck, continuing the correction of a safety issue for the fleet and enables the trucks to accept armor kits; Collision Avoidance systems for several tactical vehicles, which will use radar to determine following distance and closing rate with any vehicle ahead and issue an alert to the driver; Roll Stability systems for several tactical vehicles, which employ ABS sensors to measure traction loss. Before a human can even detect the motion, the computer identifies the problem, figures out the best corrective action and applies one brake selectively to correct the problem. Modifications also support the Heavy Expanded Mobility Tactical Truck (HEMTT) Wheel Modification, which retrofits fielded HEMTTs with two-piece bolt wheels of a safer design. Modifications also includes Roll Stability for the Family of Medium Tactical Vehicles (FMTV), employing Anti-lock Brake (ABS) sensors to measure traction loss (wheel spin), figuring out the best corrective action and applying one brake selectively at one corner of the vehicle to correct the problem.

**Justification:**

FY08/09 procures Anti-lock brakes (ABS), tires and tubes for the M939 Series 5-Ton Truck, completing this modification in FY10; Collision Avoidance, utilizing radar to determine distance and closing rate with any vehicle ahead by processing the information through an onboard computer which will issue an alert to the drive; and Roll Stability Systems which will utilize ABS sensors to measure traction loss (wheel spin), vehicle speed, steering input and any "yaw" or lateral movement indicating any plowing motion, and determine the best corrective action to take. FY08/09 also procures Driver Vision Enhancement, Air conditioning, Vehicle Computer System, and Vehicle Intercrew Communications.

FY06/07 totals include supplemental funding of \$50.0 million and \$214.0 million respectively, to support the global war on terrorism (GWOT).

Exhibit P-40M, Budget Item Justification Sheet										Date: February 2007	
Appropriation / Budget Activity / Serial No: Other Procurement, Army / 1 / Tactical and support vehicles					P-1 Item Nomenclature MODIFICATION OF IN SVC EQUIP (DA0924)						
Program Elements for Code B Items:							Code: A	Other Related Program Elements:			
Description		Fiscal Years									
OSIP No.	Classification	2006 & PR	FY 2007	FY 2008	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	TC	Total
HMMWV 3-PT Seatbelt											
1-92-06-4401	Safety	42.3	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	42.8
M939 Tire Improvement											
1-97-06-4532	Safety	51.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	51.0
M939 Anti-Lock Brake System (ABS)											
1-97-06-4533	Safety	59.7	2.1	4.4	4.5	4.7	0.0	0.0	0.0	0.0	75.4
HEMTT Wheel Modification											
1-00-06-0003	Urgent	121.4	0.0	1.6	1.0	0.0	0.0	0.0	0.0	0.0	124.0
A8020 Fuel Injection Test Stand Upgrade											
0-00-00-0000		7.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	7.0
Aluminum Mesh Liner											
0-00-00-0000		11.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	11.0
M872 Modification Hardware											
1-01-06-0007	Special Purpose Mod	14.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	14.8
HEMTT/PLS 4-Point Seatbelt											
0-00-00-0000	Safety	1.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.3
PLS Trailer Wheel Modification											
2-02-06-0001	Safety	3.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.5
HMMWV 3PT Seatbelts-M996 Mini Ambulance											
1-01-06-0004	Safety	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2
HMMWV 3PT Seatbelts-M997 Maxi Ambulance											
1-01-06-0005	Safety	0.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.8
Light Tactical Trailer MWOs											
0-00-00-0000	Urgent	5.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	5.2
HMMWV Maxi-Ambulance A/C Upgrade											
1-02-06-0001	Urgent	2.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.0
Fuel Tank Insertion Safety Foam											
0-00-00-0000	Safety	1.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.4

Exhibit P-40M, Budget Item Justification Sheet										Date: February 2007	
Appropriation / Budget Activity / Serial No: Other Procurement, Army / 1 / Tactical and support vehicles					P-1 Item Nomenclature MODIFICATION OF IN SVC EQUIP (DA0924)						
Program Elements for Code B Items:							Code: A	Other Related Program Elements:			
Description		Fiscal Years									
OSIP No.	Classification	2006 & PR	FY 2007	FY 2008	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	TC	Total
M915 FOV Electrical Upgrade											
0-00-00-0000	Safety	3.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.3
Roll Stability											
0-00-00-0000	Safety	0.0	0.0	2.5	2.5	3.1	9.1	12.0	10.3	0.0	39.5
HMMWV Rear Differential Oil Cooler											
1-01-06-0008	Safety	5.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	5.6
Construction Equipment Armor Kits											
0-00-00-0000	Urgent	62.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	62.0
HMMWV Enhanced GPK											
0-00-00-0000	Critical	0.0	86.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	86.0
Heavy Truck Armor Kits											
0-00-00-0000	Urgent	459.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	459.6
Fuel Tanker Armor Kits											
0-00-00-0000	Urgent	80.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	80.5
Tactical Vehicles Safety Enhancements											
0-00-00-0000	Safety	254.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	254.7
Collision Avoidance											
0-00-00-0000	Safety	0.0	0.0	2.4	2.5	3.0	1.8	2.7	4.3	0.0	16.7
HMMWV FRAG Kit #5 (Door)											
0-00-00-0000	Critical	50.0	128.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	178.0
HMMWV Armor Kits											
0-00-00-0000	Urgent	383.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	383.2
Medium Truck Armor Kits											
0-00-00-0000	Urgent	637.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	637.2
HMMWV ECM Conversion											
0-00-00-0000	Urgent	0.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.8
Tactical Vehicle Armor Installation											
0-00-00-0000	Urgent	204.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	204.1
Driver Vision Enhancement Systems											

# Exhibit P-40M, Budget Item Justification Sheet

Date: February 2007

Appropriation / Budget Activity / Serial No: Other Procurement, Army / 1 / Tactical and support vehicles  
 P-1 Item Nomenclature: MODIFICATION OF IN SVC EQUIP (DA0924)

Program Elements for Code B Items: Code: A Other Related Program Elements:

Description		Fiscal Years									
OSIP No.	Classification	2006 & PR	FY 2007	FY 2008	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	TC	Total
0-00-00-0000	Urgent	0.0	0.0	6.3	6.4	6.4	6.4	11.4	0.0	0.0	36.9
Air Conditioning											
0-00-00-0000	Urgent	0.0	0.0	3.0	3.0	3.0	3.0	5.4	0.0	0.0	17.4
Vehicle Computer System											
0-00-00-0000	Urgent	0.0	0.0	3.0	3.0	3.0	3.0	5.4	0.0	0.0	17.4
Vehicle Intercrew Communications											
0-00-00-0000	Urgent	0.0	0.0	9.5	9.6	9.4	9.5	17.2	0.0	0.0	55.2
Totals		2462.6	216.6	32.7	32.5	32.6	32.8	54.1	14.6	0.0	2878.5

**INDIVIDUAL MODIFICATION**

Date: February 2007

MODIFICATION TITLE: HMMWV 3-PT Seatbelt [MOD 1] 1-92-06-4401

MODELS OF SYSTEM AFFECTED: All HMMWV Models (Except M996 and M997)

**DESCRIPTION / JUSTIFICATION:**

The 3-point seatbelt safety modification will be applied to the front and rear seats on all basic armor and non-armor High Mobility Multi-Purpose Wheeled Vehicle (HMMWV) models. This 3-point seatbelt is a safer and more effective restraint system than the two-point seatbelt, it will reduce the severity of injuries and fatalities. Total requirement is for 98,572 front and rear seatbelts plus 1,446 template kits.

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

The 3-point seatbelts were added to the High Mobility Multi-Purpose Wheeled Vehicles (HMMWV) in response to increased safety regulations. The 3-point seatbelt system was put into all vehicle models beginning with the 100,000th vehicle produced. Retrofit kits for vehicles produced prior to that point were developed and modeled after the production version. This material change will be applied using one of the three hardware kits and template kits developed to cover the different vehicle configurations.

**Installation Schedule**

	Pr Yr Totals	FY 2007				FY 2008				FY 2009				FY 2010				FY 2011			
		1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4
Inputs	94907																				
Outputs	94446	154	154	153																	

	FY 2012				FY 2013				FY 2014				FY 2015				To Complete	Totals
	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4		
Inputs																		94907
Outputs																		94907

METHOD OF IMPLEMENTATION:

ADMINISTRATIVE LEADTIME:

0 months

PRODUCTION LEADTIME: 0 months

Contract Dates: FY 2008 -

FY 2009 -

FY 2010 -

Delivery Dates: FY 2008 -

FY 2009 -

FY 2010 -

**INDIVIDUAL MODIFICATION**

Date: February 2007

MODIFICATION TITLE (cont): HMMWV 3-PT Seatbelt [MOD 1] 1-92-06-4401

FINANCIAL PLAN: (\$ in Millions)

	FY 2006 and Prior		2007		2008		2009		2010		2011		2012		2013		TC		Total	
	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$
	<b>RDT&amp;E</b>																			
<b>Procurement</b>																				
Kit Quantity																				
Installation Kits	94907	17.7																	94907	17.7
Installation Kits, Nonrecurring																				
Equipment																				
Equipment, Nonrecurring																				
Engineering Change Orders																				
Data																				
Training Equipment																				
Support Equipment																				
Other																				
Interim Contractor Support																				
<b>Installation of Hardware</b>																				
FY 2005 & Prior Equip -- Kits	65553	20.1																	65553	20.1
FY 2006 -- Kits	28893	4.5																	28893	4.5
FY 2007 Equip -- Kits			461	0.5															461	0.5
FY 2008 Equip -- Kits																				
FY 2009 Equip -- Kits																				
FY 2010 Equip -- Kits																				
FY 2011 Equip -- Kits																				
FY 2012 Equip -- Kits																				
TC Equip- Kits																				
Total Installment	94446	24.6	461	0.5	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	94907	25.1
Total Procurement Cost		42.3		0.5		0.0		0.0		0.0		0.0		0.0		0.0		0.0		42.8

**INDIVIDUAL MODIFICATION**

Date: February 2007

MODIFICATION TITLE: M939 Tire Improvement [MOD 2] 1-97-06-4532

MODELS OF SYSTEM AFFECTED: M939 Family of Vehicles

**DESCRIPTION / JUSTIFICATION:**

The Non-Directional Cross Country (NDCC) tire was engineered for cross-country applications prior to WWII and is neither compatible nor safe for highway driving. For the past six years, the M939 Series Trucks have been operating under Safety of Use Message (SOUM) 98-07 limiting the highway speed to 40-mph in an attempt to limit accidents, injuries, and fatalities occurring under this scenario. Changes in vehicle speeds, road construction, mission requirements, as well as advances in tire technology have made this tire obsolete. This modification will change the tires from the current bias ply NDCC to a radial tire designed for on/off highway usage. Recent improvements in radial tire design will provide better traction and mobility, which will enhance system safety. The 11,700 basic M939 series trucks are having their NDCC or other type bias tires upgraded to radial tires. Operating and support will also be significantly reduced. Economic Analysis Report 03-84-01 shows that the annual cost for bias tires is \$1,069; radial tires is \$737. This is a \$332 annual savings per truck, or \$3.9M per year (11700 x \$332). The accident scenario for M939 basic trucks with NDCC tires occurs during panic stop situations and is worsened on wet pavement. In panic stop situations on wet pavement the front wheels lock up. The NDCC stopping distance is increased by 245-320-feet over trucks with radial tires. Once the NDCC tires are replaced with radial tires in conjunction with application of the ABS, the 40-mph speed limit restriction can be lifted, allowing the vehicles to be safely operated up to their required operational capability and mission requirements.

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

Hardware Procurement (Tires and Tubes): May 99 - May 04

**Installation Schedule**

Pr Yr Totals	FY 2007				FY 2008				FY 2009				FY 2010				FY 2011				
	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	
Inputs	10816																				
Outputs	10816																				

	FY 2012				FY 2013				FY 2014				FY 2015				To Complete	Totals
	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4		
Inputs																		10816
Outputs																		10816

**METHOD OF IMPLEMENTATION:**

Depot/Contractor

**ADMINISTRATIVE LEADTIME:**

0 months

**PRODUCTION LEADTIME:**

0 months

Team

Contract Dates:

FY 2008 -

FY 2009 -

FY 2010 -

Delivery Dates:

FY 2008 -

FY 2009 -

FY 2010 -



**INDIVIDUAL MODIFICATION**

Date: February 2007

MODIFICATION TITLE (cont): M939 Tire Improvement [MOD 2] 1-97-06-4532

FINANCIAL PLAN: (\$ in Millions)

	FY 2006 and Prior		2007		2008		2009		2010		2011		2012		2013		TC		Total	
	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$
	<b>RDT&amp;E</b>																			
<b>Procurement</b>																				
Kit Quantity																				
Installation Kits	10816	34.0																	10816	34.0
Installation Kits, Nonrecurring Equipment																				
Equipment, Nonrecurring																				
Engineering Change Orders																				
Data																				
Training Equipment																				
Support Equipment																				
Other (Testing, PM/Eng Spt)		4.6																		4.6
Interim Contractor Support																				
<b>Installation of Hardware</b>																				
FY 2005 & Prior Equip -- Kits	10816	12.4																	10816	12.4
FY 2006 -- Kits																				
FY 2007 Equip -- Kits																				
FY 2008 Equip -- Kits																				
FY 2009 Equip -- Kits																				
FY 2010 Equip -- Kits																				
FY 2011 Equip -- Kits																				
FY 2012 Equip -- Kits																				
TC Equip- Kits																				
Total Installment	10816	12.4	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	10816	12.4
Total Procurement Cost		51.0		0.0		0.0		0.0		0.0		0.0		0.0		0.0		0.0		51.0

**INDIVIDUAL MODIFICATION**

Date: February 2007

MODIFICATION TITLE: M939 Anti-Lock Brake System (ABS) [MOD 3] 1-97-06-4533

MODELS OF SYSTEM AFFECTED: M939 Family of Vehicles

**DESCRIPTION / JUSTIFICATION:**

The current design for the M939 brake system is inadequate and accident-prone. In the FY90-FY95 timeframe there were 194 serious accidents resulting in injury costs of \$8.1M, \$2.9M in property damage, 163 serious injuries, and 46 fatalities. In 1999, GAO report GAO/NSIAD-99-82 analysis indicated that from Jan 1987 thru Jun 1998 accident data showed that, while M939s made up an average of 9% of the Army Motor vehicle fleet, the M939 accounted for 34% of the fleet's accidents resulting in fatalities. Comparison of U.S. Department of Transportation accident statistics and M939 accident statistics showed that over a 10-year period, the fatality rate of occupants of the M939 averaged about 30 times higher than the fatality rate for occupants of comparably sized commercial trucks. For the past six years the M939 Series Trucks have been operating under Safety of Use Message (SOU) 98-07 limiting the highway speed to 40-mph in an attempt to limit accidents, injuries, and fatalities occurring under this highway operational scenario. The accident scenario for M939 trucks occurs during panic stop situations and is worsened on wet pavement. In panic stop situations the truck's wheels lock up causing engine stall. This causes loss of power steering resulting in uncontrolled skidding creating accident and roll-over situations. Extensive testing of ABS for this truck has shown that ABS will eliminate 100% of the engine stalls and wheel lock-up regardless of the skill level of the drivers. Once the ABS is installed on trucks with radial tires, the 40-mph speed limit restriction can be lifted, allowing the vehicles to be safely operated to their required operational capability and mission requirements.

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

Products Specification Available - Oct 98

Hardware Application : Jan 00 - FY10

This mod includes tubes and tires in addition to the ABS kits. Kits are applied either by the hardware contractor or through the Government Reimbursable Program (GRP) where funds are provided directly to the organization applying the modification. The funded program through FY10 will fulfill 100% of the M939 ABS program. Application is subject to availability of vehicles and the schedule is developed with each receiving unit individually, so there is no conventional application schedule shown below. Production leadtime for kits is approximately 6 months.

**Installation Schedule**

Pr Yr	FY 2007				FY 2008				FY 2009				FY 2010				FY 2011				
	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	
Totals																					
Inputs	30102																				
Outputs	30102																				

	FY 2012				FY 2013				FY 2014				FY 2015				To Complete	Totals
	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4		
Inputs																		30102
Outputs																		30102

METHOD OF IMPLEMENTATION: Depot/Contractor ADMINISTRATIVE LEADTIME: 1 months PRODUCTION LEADTIME: 6 months

Team

Contract Dates: FY 2008 - Nov 07 FY 2009 - FY 2010 -

**INDIVIDUAL MODIFICATION**

Date: February 2007

Delivery Dates:

FY 2008 - Jun 08

FY 2009 -

FY 2010 -

**INDIVIDUAL MODIFICATION**

Date: February 2007

MODIFICATION TITLE (cont): M939 Anti-Lock Brake System (ABS) [MOD 3] 1-97-06-4533

FINANCIAL PLAN: (\$ in Millions)

	FY 2006 and Prior		2007		2008		2009		2010		2011		2012		2013		TC		Total	
	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$
	<b>RDT&amp;E</b>																			
<b>Procurement</b>																				
Kit Quantity	30102	36.8	420	1.2	1015	2.3	1015	2.4	1015	2.5									33567	45.2
Installation Kits																				
Installation Kits, Nonrecurring																				
Equipment																				
Equipment, Nonrecurring																				
Engineering Change Orders																				
Data																				
Training Equipment																				
Support Equipment																				
Other (Testing, PM/Eng Supt)		5.0																		5.0
Interim Contractor Support																				
<b>Installation of Hardware</b>																				
FY 2005 & Prior Equip -- Kits	30102	17.9																	30102	17.9
FY 2006 -- Kits																				
FY 2007 Equip -- Kits			420	0.9															420	0.9
FY 2008 Equip -- Kits					1015	2.1													1015	2.1
FY 2009 Equip -- Kits							1015	2.1											1015	2.1
FY 2010 Equip -- Kits									1015	2.2									1015	2.2
FY 2011 Equip -- Kits																				
FY 2012 Equip -- Kits																				
TC Equip- Kits																				
Total Installment	30102	17.9	420	0.9	1015	2.1	1015	2.1	1015	2.2	0	0.0	0	0.0	0	0.0	0	0.0	33567	25.2
Total Procurement Cost		59.7		2.1		4.4		4.5		4.7		0.0		0.0		0.0		0.0		75.4

**INDIVIDUAL MODIFICATION**

Date: February 2007

MODIFICATION TITLE: HEMTT Wheel Modification [MOD 4] 1-00-06-0003

MODELS OF SYSTEM AFFECTED: All HEMTTs fielded prior to CY2000

**DESCRIPTION / JUSTIFICATION:**

In 2001, the Project Manager for Heavy Tactical Vehicles (HTV) implemented an expedited change to the Heavy Expanded Mobility Tactical Truck (HEMTT) production vehicle configuration to include a safer, bolt-together wheel design and tubeless tire. This Maintenance Work Order (MWO) rapidly retrofits the remainder of the fielded fleet with the safer, bolt-together wheel design and tubeless tire per Chief of Staff, United States Army (CSA) direction. Prior to initiation of this retrofit program, 59 soldier injuries in unique accidents occurred for the 220 TACOM managed systems that used the split-ring design wheels. Of those accidents, 30 were specifically attributed to the HEMTT fleet, which also accounted for two fatalities during 1999-2000 and an additional two fatalities in 2003.

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

Modification configuration is fully tested and has been applied to the production line as well as overhaul/Extended Service Program (ESP) vehicles. Delivery of retrofit kits and start of kit installation began in May 2002. Kit procurement continues through FY05 with kit installation continuing through FY09. The program is being executed by Red River Army Depot (RRAD).

**Installation Schedule**

	Pr Yr Totals	FY 2007				FY 2008				FY 2009				FY 2010				FY 2011			
		1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4
Inputs	12821							73	73			45	45								
Outputs	12364																				

	FY 2012				FY 2013				FY 2014				FY 2015				To Complete	Totals
	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4		
Inputs																		13057
Outputs																		12821

METHOD OF IMPLEMENTATION: Depot/Contractor      ADMINISTRATIVE LEADTIME: 0 months      PRODUCTION LEADTIME: 0 months  
 Team  
 Contract Dates: FY 2008 -      FY 2009 -      FY 2010 -  
 Delivery Dates: FY 2008 -      FY 2009 -      FY 2010 -

**INDIVIDUAL MODIFICATION**

Date: February 2007

MODIFICATION TITLE (cont): HEMTT Wheel Modification [MOD 4] 1-00-06-0003

FINANCIAL PLAN: (\$ in Millions)

	FY 2006 and Prior		2007		2008		2009		2010		2011		2012		2013		TC		Total	
	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$
	<b>RDT&amp;E</b>																			
<b>Procurement</b>																				
Kit Quantity																				
Installation Kits	12821	110.6			146	1.4	90	0.9											13057	112.9
Installation Kits, Nonrecurring																				
Equipment																				
Equipment, Nonrecurring																				
Engineering Change Orders																				
Data																				
Training Equipment																				
Support Equipment																				
Other (PM Supt)																				
--																				
<b>Installation of Hardware</b>																				
FY 2005 & Prior Equip -- Kits	10990	9.6																	10990	9.6
FY 2006 -- Kits	1831	1.2																	1831	1.2
FY 2007 Equip -- Kits																				
FY 2008 Equip -- Kits					146	0.2													146	0.2
FY 2009 Equip -- Kits							90	0.1											90	0.1
FY 2010 Equip -- Kits																				
FY 2011 Equip -- Kits																				
FY 2012 Equip -- Kits																				
TC Equip- Kits																				
Total Installment	12821	10.8	0	0.0	146	0.2	90	0.1	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	13057	11.1
Total Procurement Cost		121.4		0.0		1.6		1.0		0.0		0.0		0.0		0.0		0.0		124.0

**INDIVIDUAL MODIFICATION**

Date: February 2007

MODIFICATION TITLE: A8020 Fuel Injection Test Stand Upgrade [MOD 5] 0-00-00-0000

MODELS OF SYSTEM AFFECTED: A8020

**DESCRIPTION / JUSTIFICATION:**

The Fuel Injection Test Stand (FITS) is a machine to test and recalibrate specific fuel injectors that are a component in diesel engines used in all types of Army vehicles. The FITS is being upgraded to extend its useful life as projected 10-15 years. The upgrade is necessary due to the obsolescence of key components of the test stand designed with 1980 technology to connect with current known products and software in the trucks.

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

Description for Purchase (DFP) Jan 02

Solicitation - Jan 02 - Feb 02

1st Article Test - Sep 02

**Installation Schedule**

	Pr Yr Totals	FY 2007				FY 2008				FY 2009				FY 2010				FY 2011			
		1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4
Inputs	35																				
Outputs	37																				

	FY 2012				FY 2013				FY 2014				FY 2015				To Complete	Totals
	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4		
Inputs																		35
Outputs																		37

METHOD OF IMPLEMENTATION: C/FFP ADMINISTRATIVE LEADTIME: 3 months PRODUCTION LEADTIME: 9 months

Contract Dates: FY 2008 - Jan 01 FY 2009 - FY 2010 -

Delivery Dates: FY 2008 - Jan 02 FY 2009 - FY 2010 -

**INDIVIDUAL MODIFICATION**

Date: February 2007

MODIFICATION TITLE (cont): A8020 Fuel Injection Test Stand Upgrade [MOD 5] 0-00-00-0000

FINANCIAL PLAN: (\$ in Millions)

	FY 2006 and Prior		2007		2008		2009		2010		2011		2012		2013		TC		Total		
	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	
	<b>RDT&amp;E</b>																				
<b>Procurement</b>																					
Kit Quantity	37	7.0																		37	7.0
Installation Kits																					
Installation Kits, Nonrecurring																					
Equipment																					
Equipment, Nonrecurring																					
Engineering Change Orders																					
Data																					
Training Equipment																					
Support Equipment																					
Other																					
Interim Contractor Support																					
<b>Installation of Hardware</b>																					
FY 2005 & Prior Equip -- Kits																					
FY 2006 -- Kits																					
FY 2007 Equip -- Kits																					
FY 2008 Equip -- Kits																					
FY 2009 Equip -- Kits																					
FY 2010 Equip -- Kits																					
FY 2011 Equip -- Kits																					
FY 2012 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	0	0.0	0	0.0	0	0.0	0	0.0	
Total Procurement Cost		7.0		0.0		0.0		0.0		0.0		0.0		0.0		0.0		0.0		0.0	



**INDIVIDUAL MODIFICATION**

Date: February 2007

MODIFICATION TITLE: Aluminum Mesh Liner [MOD 6] 0-00-00-0000

MODELS OF SYSTEM AFFECTED:

DESCRIPTION / JUSTIFICATION:  
FY02 Congressional add for aluminum mesh liners.

DEVELOPMENT STATUS / MAJOR DEVELOPMENT MILESTONE(S):

Installation Schedule

Pr Yr Totals	FY 2007				FY 2008				FY 2009				FY 2010				FY 2011			
	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4
Inputs																				
Outputs																				

1	2	3	4	FY 2012				FY 2013				FY 2014				FY 2015				To Complete	Totals	
				1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4			
Inputs																						
Outputs																						

METHOD OF IMPLEMENTATION:

ADMINISTRATIVE LEADTIME:

0 months

PRODUCTION LEADTIME: 0 months

Contract Dates: FY 2008 -

FY 2009 -

FY 2010 -

Delivery Dates: FY 2008 -

FY 2009 -

FY 2010 -

**INDIVIDUAL MODIFICATION**

Date: February 2007

MODIFICATION TITLE (cont): Aluminum Mesh Liner [MOD 6] 0-00-00-0000

FINANCIAL PLAN: (\$ in Millions)

	FY 2006 and Prior		2007		2008		2009		2010		2011		2012		2013		TC		Total	
	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$
	<b>RDT&amp;E</b>																			
<b>Procurement</b>																				
Kit Quantity		11.0																		11.0
Installation Kits																				
Installation Kits, Nonrecurring																				
Equipment																				
Equipment, Nonrecurring																				
Engineering Change Orders																				
Data																				
Training Equipment																				
Support Equipment																				
Other																				
Interim Contractor Support																				
<b>Installation of Hardware</b>																				
FY 2005 & Prior Equip -- Kits																				
FY 2006 -- Kits																				
FY 2007 Equip -- Kits																				
FY 2008 Equip -- Kits																				
FY 2009 Equip -- Kits																				
FY 2010 Equip -- Kits																				
FY 2011 Equip -- Kits																				
FY 2012 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	0	0.0	0	0.0	0	0.0	0	0.0
Total Procurement Cost		11.0		0.0		0.0		0.0		0.0		0.0		0.0		0.0		0.0		11.0

**INDIVIDUAL MODIFICATION**

Date: February 2007

MODIFICATION TITLE: M872 Modification Hardware [MOD 7] 1-01-06-0007

MODELS OF SYSTEM AFFECTED: M872 Basics, A1s and A2s

**DESCRIPTION / JUSTIFICATION:**  
 A significant portion of the M872 fleet was deadlined as a result of Safety of Use Memorandum (SOU) #01-008, dated Feb 2001 and updated in Jun 01. The trailer's kingpin mounting structure has deteriorated over the fleet's 20 plus year service life because of age, rust and corrosion. Funds are allocated to buy the 5,050 kits needed to repair all M872 basics, A1s and A2s and to support associated labor costs. Installation of repair kits began 2nd Qtr FY03 and was completed in FY04. The kits will restore the fleet to fully mission capacity (FMC) status and effectively extend the trailer's service life an additional 10 to 15 years.

**DEVELOPMENT STATUS / MAJOR DEVELOPMENT MILESTONE(S):**  
 Hardware Procurement - Oct 02  
 Hardware Application - Jan 03 - Sep 04

**Installation Schedule**

	Pr Yr Totals	FY 2007				FY 2008				FY 2009				FY 2010				FY 2011			
		1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4
Inputs	5050																				
Outputs	5050																				

	FY 2012				FY 2013				FY 2014				FY 2015				To Complete	Totals
	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4		
Inputs																		5050
Outputs																		5050

**METHOD OF IMPLEMENTATION:** Depot field team      **ADMINISTRATIVE LEADTIME:** 0 months      **PRODUCTION LEADTIME:** 0 months  
**Contract Dates:** FY 2008 -      FY 2009 -      FY 2010 -  
**Delivery Dates:** FY 2008 -      FY 2009 -      FY 2010 -

**INDIVIDUAL MODIFICATION**

Date: February 2007

MODIFICATION TITLE (cont): M872 Modification Hardware [MOD 7] 1-01-06-0007

FINANCIAL PLAN: (\$ in Millions)

	FY 2006 and Prior		2007		2008		2009		2010		2011		2012		2013		TC		Total	
	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$
	<b>RDT&amp;E</b>																			
<b>Procurement</b>																				
Kit Quantity	5050	6.1																	5050	6.1
Installation Kits																				
Installation Kits, Nonrecurring																				
Equipment																				
Equipment, Nonrecurring																				
Engineering Change Orders																				
Data																				
Training Equipment																				
Support Equipment																				
Other																				
Interim Contractor Support																				
<b>Installation of Hardware</b>																				
FY 2005 & Prior Equip -- Kits	5050	8.7																	5050	8.7
FY 2006 -- Kits																				
FY 2007 Equip -- Kits																				
FY 2008 Equip -- Kits																				
FY 2009 Equip -- Kits																				
FY 2010 Equip -- Kits																				
FY 2011 Equip -- Kits																				
FY 2012 Equip -- Kits																				
TC Equip- Kits																				
Total Installment	5050	8.7	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	5050	8.7
Total Procurement Cost		14.8		0.0		0.0		0.0		0.0		0.0		0.0		0.0		0.0		14.8

**INDIVIDUAL MODIFICATION**

Date: February 2007

MODIFICATION TITLE: HEMTT/PLS 4-Point Seatbelt [MOD 8] 0-00-00-0000

MODELS OF SYSTEM AFFECTED: HEMTT/PLS Trucks in SBCT #1 and 2; and in FDD

**DESCRIPTION / JUSTIFICATION:**

Beginning with November 2001 deliveries, the Heavy Expanded Mobility Tactical Truck (HEMTT) production configuration included improved Seat/4-Point SeatBelt, and the Palletized Load System (PLS) followed in Jul 02. This improved seat/seatbelt will significantly enhance crew safety, especially for rollover accidents. Historical data shows that rollovers are 25% of the heavy tactical vehicle accidents, but account for 50% of the fatalities. The vehicles in the First Digitized Division/Stryker Brigade Combat Team (FDD/SBCT) have extensive Command, Control, Communications, and Computer Systems (C4) equipment installed on the doghouse between driver and passenger, which present new injury surfaces in the event of a rollover. The improved seat/seatbelt is required to preclude the soldiers striking this C4 equipment in FDD/SBCT vehicles fielded prior to production cut-in.

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

Engineering Change Proposal (ECP) for HEMTT was cut into production Dec 2001; PLS production cut-in occurred Jul 02. Retrofit award is planned for 2QFY04 with hardware delivery and installation planned to begin 3QFY04.

**Installation Schedule**

	Pr Yr Totals	FY 2007				FY 2008				FY 2009				FY 2010				FY 2011			
		1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4
Inputs	625																				
Outputs	625																				

	FY 2012				FY 2013				FY 2014				FY 2015				To Complete	Totals
	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4		
Inputs																		625
Outputs																		625

METHOD OF IMPLEMENTATION: Contractor ADMINISTRATIVE LEADTIME: 16 months PRODUCTION LEADTIME: 3 months  
 Contract Dates: FY 2008 - Feb 04 FY 2009 - FY 2010 -  
 Delivery Dates: FY 2008 - May 04 FY 2009 - FY 2010 -

**INDIVIDUAL MODIFICATION**

Date: February 2007

MODIFICATION TITLE (cont): HEMTT/PLS 4-Point Seatbelt [MOD 8] 0-00-00-0000

FINANCIAL PLAN: (\$ in Millions)

	FY 2006 and Prior		2007		2008		2009		2010		2011		2012		2013		TC		Total	
	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$
	<b>RDT&amp;E</b>																			
<b>Procurement</b>																				
Kit Quantity																				
Installation Kits	625	1.1																	625	1.1
Installation Kits, Nonrecurring																				
Equipment																				
Equipment, Nonrecurring																				
Engineering Change Orders																				
Data																				
Training Equipment																				
Support Equipment																				
Other																				
Interim Contractor Support																				
<b>Installation of Hardware</b>																				
FY 2005 & Prior Equip -- Kits	625	0.2																	625	0.2
FY 2006 -- Kits																				
FY 2007 Equip -- Kits																				
FY 2008 Equip -- Kits																				
FY 2009 Equip -- Kits																				
FY 2010 Equip -- Kits																				
FY 2011 Equip -- Kits																				
FY 2012 Equip -- Kits																				
TC Equip- Kits																				
Total Installment	625	0.2	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	625	0.2
Total Procurement Cost		1.3		0.0		0.0		0.0		0.0		0.0		0.0		0.0		0.0		1.3

**INDIVIDUAL MODIFICATION**

Date: February 2007

MODIFICATION TITLE: PLS Trailer Wheel Modification [MOD 9] 2-02-06-0001

MODELS OF SYSTEM AFFECTED: Fielded PLS Trailers

**DESCRIPTION / JUSTIFICATION:**

This is a Chief of Staff, United States Army interest item. The PM HTV has initiated an expedited change to the Palletized Load System (PLS) Trailer production vehicle configuration to include a safer, bolt-together wheel design. The trailer currently uses the split-ring wheel configuration. Over the past few years, 59 soldier-injury split rim unique accidents have occurred for the 220 Tank-Automotive and Armaments Command (TACOM) managed systems that use split rim design wheels. This modification program will begin the change to the safer bolt together wheel configuration for the fielded PLS Trailer fleet.

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

Engineering Change Proposal (ECP) was cut into production Sep 02.  
Initial contract award for modification hardware and installation labor was made July 2003, with initial delivery of retrofit hardware in Jan 04. Application begins Feb 04.

**Installation Schedule**

	Pr Yr Totals	FY 2007				FY 2008				FY 2009				FY 2010				FY 2011			
		1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4
Inputs	1344																				
Outputs	1343																				

	FY 2012				FY 2013				FY 2014				FY 2015				To Complete	Totals
	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4		
Inputs																		1344
Outputs																		1343

METHOD OF IMPLEMENTATION: Contractor ADMINISTRATIVE LEADTIME: 9 months PRODUCTION LEADTIME: 5 months  
 Contract Dates: FY 2008 - Jul 03 FY 2009 - FY 2010 -  
 Delivery Dates: FY 2008 - Jan 04 FY 2009 - FY 2010 -

**INDIVIDUAL MODIFICATION**

Date: February 2007

MODIFICATION TITLE (cont): PLS Trailer Wheel Modification [MOD 9] 2-02-06-0001

FINANCIAL PLAN: (\$ in Millions)

	FY 2006 and Prior		2007		2008		2009		2010		2011		2012		2013		TC		Total	
	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$
	<b>RDT&amp;E</b>																			
<b>Procurement</b>																				
Kit Quantity	1344	2.8																	1344	2.8
Installation Kits																				
Installation Kits, Nonrecurring																				
Equipment																				
Equipment, Nonrecurring																				
Engineering Change Orders																				
Data																				
Training Equipment																				
Support Equipment																				
Other																				
Interim Contractor Support																				
<b>Installation of Hardware</b>																				
FY 2005 & Prior Equip -- Kits	1344	0.7																	1344	0.7
FY 2006 -- Kits																				
FY 2007 Equip -- Kits																				
FY 2008 Equip -- Kits																				
FY 2009 Equip -- Kits																				
FY 2010 Equip -- Kits																				
FY 2011 Equip -- Kits																				
FY 2012 Equip -- Kits																				
TC Equip- Kits																				
Total Installment	1344	0.7	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	1344	0.7
Total Procurement Cost		3.5		0.0		0.0		0.0		0.0		0.0		0.0		0.0		0.0		3.5



**INDIVIDUAL MODIFICATION**

Date: February 2007

MODIFICATION TITLE: HMMWV 3PT Seatbelts-M996 Mini Ambulance [MOD 10] 1-01-06-0004

MODELS OF SYSTEM AFFECTED: HMMWV M996 Mini-Ambulances

**DESCRIPTION / JUSTIFICATION:**

The M996 High Mobility Multi-purpose Wheeled Vehicle (HMMWV) 3-point seatbelt modification, Modification Work Order (MWO) 9-2320-280-35-6, provides front three-point seatbelts to mini-ambulances. The current HMMWV lap belt is significantly less effective in preventing injuries than the 3-point seatbelt. The change to the 3 point seatbelt will reduce injury associated with accidents by reducing the severity of injuries and fatalities, and is a significant safety enhancement.

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

The 3 point seatbelts were added to the High Mobility Multi-purpose Wheeled Vehicles (HMMWV) in response to increased safety regulations. The 3Pt system was cut into production for all vehicle models beginning with vehicle number 100,000. Retrofit kits for pre 100,000 serial vehicle number vehicles were developed and modeled after the production version. This material change was applied using one of the three hardware kits developed to cover the different vehicle configurations.

**Installation Schedule**

Pr Yr	FY 2007				FY 2008				FY 2009				FY 2010				FY 2011			
	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4
Totals																				
Inputs	326																			
Outputs	326																			

Pr Yr	FY 2012				FY 2013				FY 2014				FY 2015				To Complete	Totals
	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4		
Inputs																		326
Outputs																		326

METHOD OF IMPLEMENTATION: Depot Team      ADMINISTRATIVE LEADTIME: 0 months      PRODUCTION LEADTIME: 0 months  
 Contract Dates: FY 2008 -      FY 2009 -      FY 2010 -  
 Delivery Dates: FY 2008 -      FY 2009 -      FY 2010 -

**INDIVIDUAL MODIFICATION**

Date: February 2007

MODIFICATION TITLE (cont): HMMWV 3PT Seatbelts-M996 Mini Ambulance [MOD 10] 1-01-06-0004

FINANCIAL PLAN: (\$ in Millions)

	FY 2006 and Prior		2007		2008		2009		2010		2011		2012		2013		TC		Total	
	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$
	<b>RDT&amp;E</b>																			
<b>Procurement</b>																				
Kit Quantity	326	0.1																	326	0.1
Installation Kits																				
Installation Kits, Nonrecurring																				
Equipment																				
Equipment, Nonrecurring																				
Engineering Change Orders																				
Data																				
Training Equipment																				
Support Equipment																				
Other																				
Interim Contractor Support																				
<b>Installation of Hardware</b>																				
FY 2005 & Prior Equip -- Kits	326	0.1																	326	0.1
FY 2006 -- Kits																				
FY 2007 Equip -- Kits																				
FY 2008 Equip -- Kits																				
FY 2009 Equip -- Kits																				
FY 2010 Equip -- Kits																				
FY 2011 Equip -- Kits																				
FY 2012 Equip -- Kits																				
TC Equip- Kits																				
Total Installment	326	0.1	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	326	0.1
Total Procurement Cost		0.2		0.0		0.0		0.0		0.0		0.0		0.0		0.0		0.0		0.2

**INDIVIDUAL MODIFICATION**

Date: February 2007

MODIFICATION TITLE: HMMWV 3PT Seatbelts-M997 Maxi Ambulance [MOD 11] 1-01-06-0005

MODELS OF SYSTEM AFFECTED: HMMWV M997 Maxi-Ambulances

**DESCRIPTION / JUSTIFICATION:**

The M997 High Mobility Multi-purpose Wheeled Vehicle (HMMWV) 3-point seatbelt modification, Modification Work Order (MWO) 9-2320-280-35-4, provides front three-point seatbelts to maxi-ambulances. The current HMMWV lap belt is significantly less effective in preventing injuries than the 3-point seatbelt. The change to the 3-point seatbelt will reduce injury associated with accidents by reducing the severity of injuries and fatalities, and is a significant safety enhancement.

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

The 3-point seatbelts were added to the High Mobility Multi-purpose Wheeled Vehicles (HMMWV) in response to increased safety regulations. The 3-point seatbelt system was cut into production for all vehicle models beginning with vehicle number 100,000. Retrofit kits for pre 100,000 serial number vehicles were developed and modeled after the production version. This material change was applied using one of the three hardware kits and template kits developed to cover the different vehicle configurations.

**Installation Schedule**

Pr Yr	FY 2007				FY 2008				FY 2009				FY 2010				FY 2011			
	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4
<b>Totals</b>																				
Inputs	3115																			
Outputs	3115																			

	FY 2012				FY 2013				FY 2014				FY 2015				To Complete	Totals
	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4		
Inputs																		3115
Outputs																		3115

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

Contract Dates: FY 2008 - FY 2009 - FY 2010 -

Delivery Dates: FY 2008 - FY 2009 - FY 2010 -

**INDIVIDUAL MODIFICATION**

Date: February 2007

MODIFICATION TITLE (cont): HMMWV 3PT Seatbelts-M997 Maxi Ambulance [MOD 11] 1-01-06-0005

FINANCIAL PLAN: (\$ in Millions)

	FY 2006 and Prior		2007		2008		2009		2010		2011		2012		2013		TC		Total		
	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	
	<b>RDT&amp;E</b>																				
<b>Procurement</b>																					
Kit Quantity	3115	0.6																		3115	0.6
Installation Kits																					
Installation Kits, Nonrecurring																					
Equipment																					
Equipment, Nonrecurring																					
Engineering Change Orders																					
Data																					
Training Equipment																					
Support Equipment																					
Other																					
Interim Contractor Support																					
<b>Installation of Hardware</b>																					
FY 2005 & Prior Equip -- Kits	3115	0.2																		3115	0.2
FY 2006 -- Kits																					
FY 2007 Equip -- Kits																					
FY 2008 Equip -- Kits																					
FY 2009 Equip -- Kits																					
FY 2010 Equip -- Kits																					
FY 2011 Equip -- Kits																					
FY 2012 Equip -- Kits																					
TC Equip- Kits																					
Total Installment	3115	0.2	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	3115	0.2	
Total Procurement Cost		0.8		0.0		0.0		0.0		0.0		0.0		0.0		0.0		0.0		0.8	

**INDIVIDUAL MODIFICATION**

Date: February 2007

MODIFICATION TITLE: Light Tactical Trailer MWOs [MOD 12] 0-00-00-0000

MODELS OF SYSTEM AFFECTED: High Mobility Multipurpose Wheeled Vehicle (HMMWV) M998/A1, M1025/A1, M1038/A1, M1026/A1

**DESCRIPTION / JUSTIFICATION:**  
 Crossmember kits are required for the light High Mobility Multi-Purpose Wheeled Vehicles (HMMWV) (M998/A1, M1025/A1, M1038/A1, and M1026/A1) which enable them to use the Light Tactical Trailer (LTT) and meet the Required Operational Capability (ROC) of 15-mph average and 20-mph maximum cross-country speed and the conditions required by material release. These kits provide full operational performance with increased effectiveness and will reduce life cycle costs by reducing unscheduled maintenance. Kits will be issued on a 2:1 basis for all new Light Tactical Trailers (M1101 model only) production, and are over-packed with the trailer before shipment.

**DEVELOPMENT STATUS / MAJOR DEVELOPMENT MILESTONE(S):**  
 This is a continuation of effort already in progress. There is no installation required as the kits are over-packed with all M1101 model LTTs and shipped to the field. Field elements install the kit as required.

**Installation Schedule**

Pr Yr	FY 2007				FY 2008				FY 2009				FY 2010				FY 2011			
	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4
Totals																				
Inputs																				
Outputs																				

Pr Yr	FY 2012				FY 2013				FY 2014				FY 2015				To Complete	Totals
	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4		
Inputs																		
Outputs																		3631

**METHOD OF IMPLEMENTATION:** Production Over-pack      **ADMINISTRATIVE LEADTIME:** 1 months      **PRODUCTION LEADTIME:** 5 months

Contract Dates:                      FY 2008 - Jan 06                      FY 2009 -                      FY 2010 -

Delivery Dates:                      FY 2008 - Jul 06                      FY 2009 -                      FY 2010 -

**INDIVIDUAL MODIFICATION**

Date: February 2007

MODIFICATION TITLE (cont): Light Tactical Trailer MWOs [MOD 12] 0-00-00-0000

FINANCIAL PLAN: (\$ in Millions)

	FY 2006 and Prior		2007		2008		2009		2010		2011		2012		2013		TC		Total		
	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	
	<b>RDT&amp;E</b>																				
<b>Procurement</b>																					
Kit Quantity	10277	3.7																		10277	3.7
Installation Kits																					
Installation Kits, Nonrecurring																					
Equipment																					
Equipment, Nonrecurring																					
Engineering Change Orders																					
Data																					
Training Equipment																					
Support Equipment																					
Other																					
Interim Contractor Support																					
<b>Installation of Hardware</b>																					
FY 2005 & Prior Equip -- Kits	3631	1.5																		3631	1.5
FY 2006 -- Kits																					
FY 2007 Equip -- Kits	6646																			6646	
FY 2008 Equip -- Kits																					
FY 2009 Equip -- Kits																					
FY 2010 Equip -- Kits																					
FY 2011 Equip -- Kits																					
FY 2012 Equip -- Kits																					
TC Equip- Kits																					
Total Installment	10277	1.5	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	10277	1.5	
Total Procurement Cost		5.2		0.0		0.0		0.0		0.0		0.0		0.0		0.0		0.0		5.2	



**INDIVIDUAL MODIFICATION**

Date: February 2007

MODIFICATION TITLE (cont): HMMWV Maxi-Ambulance A/C Upgrade [MOD 13] 1-02-06-0001

FINANCIAL PLAN: (\$ in Millions)

	FY 2006 and Prior		2007		2008		2009		2010		2011		2012		2013		TC		Total	
	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$
	<b>RDT&amp;E</b>																			
<b>Procurement</b>																				
Kit Quantity																				
Installation Kits																				
Installation Kits, Nonrecurring																				
Equipment																				
Equipment, Nonrecurring																				
Engineering Change Orders																				
Data																				
Training Equipment																				
Support Equipment																				
Other																				
Interim Contractor Support																				
<b>Installation of Hardware</b>																				
FY 2005 & Prior Equip -- Kits																				
FY 2006 -- Kits	1562	2.0																	1562	2.0
FY 2007 Equip -- Kits																				
FY 2008 Equip -- Kits																				
FY 2009 Equip -- Kits																				
FY 2010 Equip -- Kits																				
FY 2011 Equip -- Kits																				
FY 2012 Equip -- Kits																				
TC Equip- Kits																				
Total Installment	1562	2.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	1562	2.0
Total Procurement Cost		2.0		0.0		0.0		0.0		0.0		0.0		0.0		0.0		0.0		2.0



**INDIVIDUAL MODIFICATION**

Date: February 2007

MODIFICATION TITLE: Fuel Tank Insertion Safety Foam [MOD 14] 0-00-00-0000

MODELS OF SYSTEM AFFECTED:

DESCRIPTION / JUSTIFICATION:  
 Congressional add to support Fuel Tank Insertion Safety Foam. The project is to procure, test and evaluate Polyurethane Foam as one possible means to mitigate the risk of explosion and fuel sustained fires in military ground vehicles, specifically HMMWVs.

DEVELOPMENT STATUS / MAJOR DEVELOPMENT MILESTONE(S):  
 STS contract to support investigating polyurethane foam awarded in Nov 04.

Installation Schedule

Pr Yr	FY 2007				FY 2008				FY 2009				FY 2010				FY 2011			
	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4
Totals																				
Inputs																				
Outputs																				

Pr Yr	FY 2012				FY 2013				FY 2014				FY 2015				To Complete	Totals
	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4		
Inputs																		
Outputs																		

METHOD OF IMPLEMENTATION: ADMINISTRATIVE LEADTIME: 0 months PRODUCTION LEADTIME: 0 months  
 Contract Dates: FY 2008 - FY 2009 - FY 2010 -  
 Delivery Dates: FY 2008 - FY 2009 - FY 2010 -

**INDIVIDUAL MODIFICATION**

Date: February 2007

MODIFICATION TITLE (cont): Fuel Tank Insertion Safety Foam [MOD 14] 0-00-00-0000

FINANCIAL PLAN: (\$ in Millions)

	FY 2006 and Prior		2007		2008		2009		2010		2011		2012		2013		TC		Total	
	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$
	<b>RDT&amp;E</b>																			
<b>Procurement</b>		1.4																		1.4
Kit Quantity																				
Installation Kits																				
Installation Kits, Nonrecurring																				
Equipment																				
Equipment, Nonrecurring																				
Engineering Change Orders																				
Data																				
Training Equipment																				
Support Equipment																				
Other																				
Interim Contractor Support																				
<b>Installation of Hardware</b>																				
FY 2005 & Prior Equip -- Kits																				
FY 2006 -- Kits																				
FY 2007 Equip -- Kits																				
FY 2008 Equip -- Kits																				
FY 2009 Equip -- Kits																				
FY 2010 Equip -- Kits																				
FY 2011 Equip -- Kits																				
FY 2012 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	0	0.0	0	0.0	0	0.0	0	0.0
Total Procurement Cost		1.4		0.0		0.0		0.0		0.0		0.0		0.0		0.0		0.0		1.4

**INDIVIDUAL MODIFICATION**

Date: February 2007

MODIFICATION TITLE: M915 FOV Electrical Upgrade [MOD 15] 0-00-00-0000

MODELS OF SYSTEM AFFECTED: M915 FOV Fielded Trucks

DESCRIPTION / JUSTIFICATION:  
 The Electrical Upgrade to the M915 Family of Vehicles (FOV) is a safety issue which addresses a problem associated with the Dual Voltage Alternator Converter (DUVAC). This upgrade replaces the DUVAC with an equalizer, adds a battery cut-off switch, and a decal explaining the proper slave starting procedures.

DEVELOPMENT STATUS / MAJOR DEVELOPMENT MILESTONE(S):  
 Contract award for modification hardware was made Aug 02, with initial delivery of retrofit hardware in Mar 03. Application began Apr 03.

Installation Schedule

	Pr Yr	FY 2007				FY 2008				FY 2009				FY 2010				FY 2011							
		Totals	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4			
Inputs	1992																								
Outputs	1992																								

	FY 2012				FY 2013				FY 2014				FY 2015				To Complete	Totals							
	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4									
Inputs																									1992
Outputs																									1992

METHOD OF IMPLEMENTATION: Unit Labor - NG      ADMINISTRATIVE LEADTIME: 10 months      PRODUCTION LEADTIME: 6 months

Contract Dates: FY 2008 -      FY 2009 -      FY 2010 -

Delivery Dates: FY 2008 -      FY 2009 -      FY 2010 -

**INDIVIDUAL MODIFICATION**

Date: February 2007

MODIFICATION TITLE (cont): M915 FOV Electrical Upgrade [MOD 15] 0-00-00-0000

FINANCIAL PLAN: (\$ in Millions)

	FY 2006 and Prior		2007		2008		2009		2010		2011		2012		2013		TC		Total	
	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$
	<b>RDT&amp;E</b>																			
<b>Procurement</b>																				
Kit Quantity	1992	2.2																	1992	2.2
Installation Kits																				
Installation Kits, Nonrecurring																				
Equipment																				
Equipment, Nonrecurring																				
Engineering Change Orders																				
Data																				
Training Equipment																				
Support Equipment																				
Other																				
Interim Contractor Support																				
<b>Installation of Hardware</b>																				
FY 2005 & Prior Equip -- Kits	1992	1.1																	1992	1.1
FY 2006 -- Kits																				
FY 2007 Equip -- Kits																				
FY 2008 Equip -- Kits																				
FY 2009 Equip -- Kits																				
FY 2010 Equip -- Kits																				
FY 2011 Equip -- Kits																				
FY 2012 Equip -- Kits																				
TC Equip- Kits																				
Total Installment	1992	1.1	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	1992	1.1
Total Procurement Cost		3.3		0.0		0.0		0.0		0.0		0.0		0.0		0.0		0.0		3.3

**INDIVIDUAL MODIFICATION**

Date: February 2007

MODIFICATION TITLE: Roll Stability [MOD 16] 0-00-00-0000

MODELS OF SYSTEM AFFECTED: Family of Medium Tactical Vehicles (FMTV)

**DESCRIPTION / JUSTIFICATION:**

Employs Anti-lock Brake (ABS) sensors to measure traction loss (wheel spin). It measures vehicle speed, your steering input and any \_yaw\_ or lateral movement indicating any plowing motion or the start of a spin. Before a human can even detect the motion, the computer identifies the problem, figures out the best corrective action and applies one brake selectively at one corner of the tractor to correct the problem. System must have ABS installed in order to utilize this modification.

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

FY08 funding will be used to procure kits and installation for the Family of Medium Tactical Vehicles (FMTV) A1 and A1 Rebuy vehicles, building from an existing plan to cut roll stability provisions into production. Effort may be expanded or modified to include the M939 Series Trucks, or Heavy Tactical Vehicles, depending on operational requirements and the status of each fleet. Production funding based upon installed kit cost of \$2,500. Application plans are to be developed.

**Installation Schedule**

Pr Yr	FY 2007				FY 2008				FY 2009				FY 2010				FY 2011			
	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4
<b>Totals</b>									100	250	250	250	250	250	250	250	300	300	300	550
Inputs																				
Outputs																				

	FY 2012				FY 2013				FY 2014				FY 2015				To Complete	Totals			
	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4					
Inputs	850	850	850	850	1000	1000	1000	1000	1000	1000	885	451									14286
Outputs																					

METHOD OF IMPLEMENTATION: Depot/Contractor ADMINISTRATIVE LEADTIME: 1 months PRODUCTION LEADTIME: 10 months  
 Contract Dates: FY 2008 - Nov 07 FY 2009 - FY 2010 -  
 Delivery Dates: FY 2008 - Aug 08 FY 2009 - FY 2010 -

**INDIVIDUAL MODIFICATION**

Date: February 2007

MODIFICATION TITLE (cont): Roll Stability [MOD 16] 0-00-00-0000

FINANCIAL PLAN: (\$ in Millions)

	FY 2006 and Prior		2007		2008		2009		2010		2011		2012		2013		TC		Total	
	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$
	<b>RDT&amp;E</b>																			
<b>Procurement</b>																				
Kit Quantity					984	1.0	953	1.0	1170	1.2	3331	3.6	4295	4.8	3553	4.1			14286	15.7
Installation Kits																				
Installation Kits, Nonrecurring																				
Equipment																				
Equipment, Nonrecurring																				
Engineering Change Orders																				
Data																				
Training Equipment																				
Support Equipment																				
Other																				
Interim Contractor Support																				
<b>Installation of Hardware</b>																				
FY 2006 & Prior Equip -- Kits																				
FY 2007 -- Kits																				
FY 2008 Equip -- Kits					984	1.5	953	1.5	1170	1.9	3331	5.5	4295	7.2	3553	6.2			14286	23.8
FY 2009 Equip -- Kits																				
FY 2010 Equip -- Kits																				
FY 2011 Equip -- Kits																				
FY 2012 Equip -- Kits																				
FY 2013 Equip -- Kits																				
TC Equip- Kits																				
Total Installment	0	0.0	0	0.0	984	1.5	953	1.5	1170	1.9	3331	5.5	4295	7.2	3553	6.2	0	0.0	14286	23.8
Total Procurement Cost		0.0		0.0		2.5		2.5		3.1		9.1		12.0		10.3		0.0		39.5

**INDIVIDUAL MODIFICATION**

Date: February 2007

MODIFICATION TITLE: HMMWV Rear Differential Oil Cooler [MOD 17] 1-01-06-0008

MODELS OF SYSTEM AFFECTED: M1113 Expanded Capacity Vehicles and M1114 Up-Armored HMMWV

**DESCRIPTION / JUSTIFICATION:**

The High Mobility Multi-purpose Wheeled Vehicle (HMMWV) Rear Differential Oil Cooler is an "oil to oil" cooler using some excess heat capacity in the power steering cooler to cool the rear differential in conditions of high temperatures and high loading which may lead to oil break down and differential overheating and failure. In order to reduce cost of frequent replacement, a periodic oil change is being added to field maintenance actions. This represents an unacceptable burden on the user. The differential temperature issue is considered an optional deficiency so critical by the Army User community that they will only accept, under conditional material release, a limited number of the vehicles without a modification plan to install a differential cooler. Cost of the differential cooler will be partially offset by savings in logistics burden of oil changes including transport of Petroleum Oil and Lubricants (POL) in the forward area.

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

Level II Drawings Available - 4Q98  
 Production Award - 2Q02  
 Hardware Application - 4Q02 - 4Q04

**Installation Schedule**

	Pr Yr Totals	FY 2007				FY 2008				FY 2009				FY 2010				FY 2011			
		1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4
Inputs	4216																				
Outputs	4216																				

	FY 2012				FY 2013				FY 2014				FY 2015				To Complete	Totals
	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4		
Inputs																		4216
Outputs																		4216

**METHOD OF IMPLEMENTATION:**

**ADMINISTRATIVE LEADTIME:**

0 months

**PRODUCTION LEADTIME:**

0 months

Contract Dates:

FY 2008 -

FY 2009 -

FY 2010 -

Delivery Dates:

FY 2008 -

FY 2009 -

FY 2010 -

**INDIVIDUAL MODIFICATION**

Date: February 2007

MODIFICATION TITLE (cont): HMMWV Rear Differnetial Oil Cooler [MOD 17] 1-01-06-0008

FINANCIAL PLAN: (\$ in Millions)

	FY 2006 and Prior		2007		2008		2009		2010		2011		2012		2013		TC		Total		
	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	
	<b>RDT&amp;E</b>																				
<b>Procurement</b>																					
Kit Quantity	4216	4.7																		4216	4.7
Installation Kits																					
Installation Kits, Nonrecurring																					
Equipment																					
Equipment, Nonrecurring																					
Engineering Change Orders																					
Data																					
Training Equipment																					
Support Equipment																					
Other																					
Interim Contractor Support																					
<b>Installation of Hardware</b>																					
FY 2005 & Prior Equip -- Kits	4216	0.9																		4216	0.9
FY 2006 -- Kits																					
FY 2007 Equip -- Kits																					
FY 2008 Equip -- Kits																					
FY 2009 Equip -- Kits																					
FY 2010 Equip -- Kits																					
FY 2011 Equip -- Kits																					
FY 2012 Equip -- Kits																					
TC Equip- Kits																					
Total Installment	4216	0.9	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	4216	0.9	
Total Procurement Cost		5.6		0.0		0.0		0.0		0.0		0.0		0.0		0.0		0.0		5.6	



**INDIVIDUAL MODIFICATION**

Date: February 2007

MODIFICATION TITLE: Construction Equipment Armor Kits [MOD 18] 0-00-00-0000

MODELS OF SYSTEM AFFECTED: Dozers, Excavators, Cranes, Loaders, Scrapers, Graders, Rollers, Compactors, & Fork Lifts

DESCRIPTION / JUSTIFICATION:  
An urgent and validated requirement exists for 416 Add on Armor kits for Construction and Material Handling Equipment (Dozers, Excavators, Cranes, Loaders, Scrapers, Graders, Rollers, Compactors, Fork Lifts [i.e., All Terrain Lifting Army System], etc.) in Southwest Asia (SWA) in support of Global War On Terrorism (GWOT) operations.

DEVELOPMENT STATUS / MAJOR DEVELOPMENT MILESTONE(S):  
Approved Operational Need Statements (ONS) from Multi-National Corps, Iraq (MNCI) (Jun and Sep 05) and Combined Joint Task Force (CJTF-76)(Sep and Oct 05) is for a total of 416 pieces of Construction and Material Handling Equipment. Four contract actions are in place to meet this requirement which began in Sep 05 with an estimated completion by Sep 06: 1) Sole Source Contract to Caterpillar, Inc. for the Deployable Universal Combat Earthmover (DEUCE); 2) Limited Competitive Procurements awarded to American Defense Systems, Inc. (ADSI) and Caterpillar for the D7G Dozer; 3) Competitive Procurement for Graders, 2.5 CY Loaders, Scrapers, Vibratory Rollers, High-speed Compactors, and 7.5 Ton Cranes awarded to ADSI; and 4) U.S. Army Tank Automotive Research Development & Engineering Center (TARDEC) effort on Interim-High Mobility Engineer Excavators (IHMEE), ATLAS, Hydraulic Excavators (HYEX), 22.5 Ton Cranes, and 5.0 CY Loaders.

Installation Schedule

	Pr Yr Totals	FY 2007				FY 2008				FY 2009				FY 2010				FY 2011			
		1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4
Inputs	416																				
Outputs	416																				

	FY 2012				FY 2013				FY 2014				FY 2015				To Complete	Totals
	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4		
Inputs																		416
Outputs																		416

METHOD OF IMPLEMENTATION: ADMINISTRATIVE LEADTIME: 0 months PRODUCTION LEADTIME: 0 months  
 Contract Dates: FY 2008 - FY 2009 - FY 2010 -  
 Delivery Dates: FY 2008 - FY 2009 - FY 2010 -

**INDIVIDUAL MODIFICATION**

Date: February 2007

MODIFICATION TITLE (cont): Construction Equipment Armor Kits [MOD 18] 0-00-00-0000

FINANCIAL PLAN: (\$ in Millions)

	FY 2006 and Prior		2007		2008		2009		2010		2011		2012		2013		TC		Total	
	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$
	<b>RDT&amp;E</b>																			
<b>Procurement</b>																				
Kit Quantity	416																		416	
Installation Kits		31.6																		31.6
Installation Kits, Nonrecurring Equipment																				
Equipment, Nonrecurring																				
Engineering Change Orders																				
Data																				
Training Equipment																				
Support Equipment																				
Other																				
Interim Contractor Support																				
<b>Installation of Hardware</b>																				
FY 2005 & Prior Equip -- Kits	416	30.4																	416	30.4
FY 2006 -- Kits																				
FY 2007 Equip -- Kits																				
FY 2008 Equip -- Kits																				
FY 2009 Equip -- Kits																				
FY 2010 Equip -- Kits																				
FY 2011 Equip -- Kits																				
FY 2012 Equip -- Kits																				
TC Equip- Kits																				
Total Installment	416	30.4	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	416	30.4
Total Procurement Cost		62.0		0.0		0.0		0.0		0.0		0.0		0.0		0.0		0.0		62.0

**INDIVIDUAL MODIFICATION**

Date: February 2007

MODIFICATION TITLE: HMMWV Enhanced GPK [MOD 19] 0-00-00-0000

MODELS OF SYSTEM AFFECTED: Armored Vehicles - M1114 Up-Armored HMMWV (UAH) & M1151

DESCRIPTION / JUSTIFICATION:  
Enhanced Gunner Protection Kit (GPK) provides increased protection and enhanced situational awareness to the gunner. Enhancements include addition of transparent armor to the gun shield and GPK to improve situational awareness.

DEVELOPMENT STATUS / MAJOR DEVELOPMENT MILESTONE(S):  
Collaborative design with ARDEC, PM-CSW and PM-TV (Gov't TDP); APG test began 30 Mar 06 and ballistic testing on 20 Apr 06. TDP provided to Industrial Base Organization (IBO, formally GSIE) for production prototypes, IBO is the prime manufacturer; 8-10 weeks lead time from final design freeze to initial production. RIA and WVA ramp up to 1500 per month after production start.

Installation Schedule

	Pr Yr Totals	FY 2007				FY 2008				FY 2009				FY 2010				FY 2011			
		1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4
Inputs	4659	4659	4660	4660																	
Outputs		4913	4914	4914																	

	FY 2012				FY 2013				FY 2014				FY 2015				To Complete	Totals				
	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4						
Inputs																					18638	
Outputs																						14741

METHOD OF IMPLEMENTATION: Other ADMINISTRATIVE LEADTIME: 0 months PRODUCTION LEADTIME: 0 months  
 Contract Dates: FY 2008 - FY 2009 - FY 2010 -  
 Delivery Dates: FY 2008 - FY 2009 - FY 2010 -

**INDIVIDUAL MODIFICATION**

Date: February 2007

MODIFICATION TITLE (cont): HMMWV Enhanced GPK [MOD 19] 0-00-00-0000

FINANCIAL PLAN: (\$ in Millions)

	FY 2006 and Prior		2007		2008		2009		2010		2011		2012		2013		TC		Total	
	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$
	<b>RDT&amp;E</b>																			
<b>Procurement</b>			18638	78.4															18638	78.4
Kit Quantity																				
Installation Kits																				
Installation Kits, Nonrecurring																				
Equipment																				
Equipment, Nonrecurring																				
Engineering Change Orders																				
Data																				
Training Equipment																				
Support Equipment																				
Other																				
Interim Contractor Support																				
<b>Installation of Hardware</b>																				
FY 2005 & Prior Equip -- Kits																				
FY 2006 -- Kits																				
FY 2007 Equip -- Kits			14741	7.6															14741	7.6
FY 2008 Equip -- Kits																				
FY 2009 Equip -- Kits																				
FY 2010 Equip -- Kits																				
FY 2011 Equip -- Kits																				
FY 2012 Equip -- Kits																				
TC Equip- Kits																				
Total Installment	0	0.0	14741	7.6	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	14741	7.6
Total Procurement Cost		0.0		86.0		0.0		0.0		0.0		0.0		0.0		0.0		0.0		86.0

**INDIVIDUAL MODIFICATION**

Date: February 2007

MODIFICATION TITLE: Heavy Truck Armor Kits [MOD 20] 0-00-00-0000

MODELS OF SYSTEM AFFECTED: HEMTTs, PLS, HET, M915, and M969 Trailer

DESCRIPTION / JUSTIFICATION:  
An urgent and validated requirement exists for 6948 add on armor kits for Heavy Tactical Trucks (HEMTT, PLS, HET, M915 and M969 Trailer) in SWA in support of Operation Iraqi Freedom (OIF) and Operation Enduring Freedom (OEF). Total requirement to date has been fully funded.

DEVELOPMENT STATUS / MAJOR DEVELOPMENT MILESTONE(S):  
Nov 03: Responding to urgent need from SWA, Oshkosh Truck Corp (OTC) reviewed previously developed armor kits.  
Dec 03: OTC received requirement for 4511 kits.  
Dec 03-present: Over 3803 kits have been developed, produced and shipped to SWA.

Installation Schedule

	Pr Yr Totals	FY 2007				FY 2008				FY 2009				FY 2010				FY 2011			
		1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4
Inputs	6948																				
Outputs	6948																				

	FY 2012				FY 2013				FY 2014				FY 2015				To Complete	Totals
	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4		
Inputs																		6948
Outputs																		6948

METHOD OF IMPLEMENTATION: ADMINISTRATIVE LEADTIME: 0 months PRODUCTION LEADTIME: 0 months  
 Contract Dates: FY 2008 - FY 2009 - FY 2010 -  
 Delivery Dates: FY 2008 - FY 2009 - FY 2010 -

**INDIVIDUAL MODIFICATION**

Date: February 2007

MODIFICATION TITLE (cont): Heavy Truck Armor Kits [MOD 20] 0-00-00-0000

FINANCIAL PLAN: (\$ in Millions)

	FY 2006 and Prior		2007		2008		2009		2010		2011		2012		2013		TC		Total	
	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$
	<b>RDT&amp;E</b>																			
<b>Procurement</b>	6948	347.8																	6948	347.8
Kit Quantity																				
Installation Kits																				
Installation Kits, Nonrecurring																				
Equipment																				
Equipment, Nonrecurring																				
Engineering Change Orders																				
Data																				
Training Equipment																				
Support Equipment																				
Other																				
Interim Contractor Support																				
<b>Installation of Hardware</b>																				
FY 2005 & Prior Equip -- Kits	6948	111.8																	6948	111.8
FY 2006 -- Kits																				
FY 2007 Equip -- Kits																				
FY 2008 Equip -- Kits																				
FY 2009 Equip -- Kits																				
FY 2010 Equip -- Kits																				
FY 2011 Equip -- Kits																				
FY 2012 Equip -- Kits																				
TC Equip- Kits																				
Total Installment	6948	111.8	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	6948	111.8
Total Procurement Cost		459.6		0.0		0.0		0.0		0.0		0.0		0.0		0.0		0.0		459.6

**INDIVIDUAL MODIFICATION**

Date: February 2007

MODIFICATION TITLE: Fuel Tanker Armor Kits [MOD 21] 0-00-00-0000

MODELS OF SYSTEM AFFECTED: Multiple Vehicle Systems (M967/M969, M1062, M978, and M915)

DESCRIPTION / JUSTIFICATION:  
Urgent requirements to test and install ballistic protection Fuel Tank Self-Sealing System (FTSS) and add-on-armor panels for M967 and M969 5000 gallon fuel tankers, M1062 7500 gallon fuel tankers, M978 2500 gallon fuel tankers, and the M915 FOV saddle tanks to prevent fuel leakage when hit by small arms fire in Iraq and Kuwait.

DEVELOPMENT STATUS / MAJOR DEVELOPMENT MILESTONE(S):  
Protection for M967 and M969 5000 gallon fuel tankers, M1062 7500 gallon fuel tankers, M978 2500 gallon fuel tankers, and the M915 FOV saddle tanks fuel tankers have or are in the process of being tested at ATC. Funding for effort to apply ballistic protection to fuel tankers in Iraq and Kuwait began in Jan 05 and continues as requirements grow. Contract dates, contractors and installation schedules differ for each vehicle system and availability of assets in theater.

Installation Schedule

Pr Yr	FY 2007				FY 2008				FY 2009				FY 2010				FY 2011			
	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4
Totals																				
Inputs																				
Outputs																				

FY 2012	FY 2013				FY 2014				FY 2015				To Complete	Totals
	1	2	3	4	1	2	3	4	1	2	3	4		
Inputs														
Outputs														

METHOD OF IMPLEMENTATION: ADMINISTRATIVE LEADTIME: 0 months PRODUCTION LEADTIME: 0 months  
 Contract Dates: FY 2008 - FY 2009 - FY 2010 -  
 Delivery Dates: FY 2008 - FY 2009 - FY 2010 -

**INDIVIDUAL MODIFICATION**

Date: February 2007

MODIFICATION TITLE (cont): Fuel Tanker Armor Kits [MOD 21] 0-00-00-0000

FINANCIAL PLAN: (\$ in Millions)

	FY 2006 and Prior		2007		2008		2009		2010		2011		2012		2013		TC		Total	
	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$
	<b>RDT&amp;E</b>																			
<b>Procurement</b>																				
Kit Quantity		73.0																		73.0
Installation Kits																				
Installation Kits, Nonrecurring																				
Equipment																				
Equipment, Nonrecurring																				
Engineering Change Orders																				
Data																				
Training Equipment																				
Support Equipment																				
Other		7.5																		7.5
Interim Contractor Support																				
<b>Installation of Hardware</b>																				
FY 2005 & Prior Equip -- Kits																				
FY 2006 -- Kits																				
FY 2007 Equip -- Kits																				
FY 2008 Equip -- Kits																				
FY 2009 Equip -- Kits																				
FY 2010 Equip -- Kits																				
FY 2011 Equip -- Kits																				
FY 2012 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	0	0.0	0	0.0	0	0.0	0	0.0
Total Procurement Cost		80.5		0.0		0.0		0.0		0.0		0.0		0.0		0.0		0.0		80.5



**INDIVIDUAL MODIFICATION**

Date: February 2007

MODIFICATION TITLE: Tactical Vehicles Safety Enhancements [MOD 22] 0-00-00-0000

MODELS OF SYSTEM AFFECTED: Tactical Vehicles

**DESCRIPTION / JUSTIFICATION:**

In response to an urgent need statement from United States Army Forces Central Command (USARCENT), Vehicle Intercom Communication (VIC-3) systems are being fielded to decrease injuries and deaths to soldiers by allowing the driver to communicate to a standing gunner. It will be applied to all tactical vehicles capable of mounting a crew served weapon. In an effort to improve seat restraint usage on M1114 Up-Armored (UAH) High Mobility Multi-Purpose Wheeled Vehicle (HMMWV), M998 and M1025/M1026 HMMWVs with Add on Armor, improved seat restraints are being developed that will offer easier egress in full gear. To encounter the threat of blast events and secondary fires, an Automatic Fire Extinguishing System will be incorporated into several tactical vehicle types, with the initial capability being applied to the M1114 UAH. Kits are being developed for new production and field installation. Gunner ejections through various causes have resulted in a high percentage of casualties. As a result, a Gunner's Restraint System is being developed which would prevent the gunner from being thrown from the vehicle. The initial focus is on the M1114 UAH, with application possible for all tactical vehicles equipped with gunner's platforms. The Single Movement Combat Lock/UAH Egress system was developed in response to theater requirements for a faster and less complex way of egressing the M1114 UAH, especially in combat situations or after a roll-over. The current configuration requires separate operations to open the vehicle and the external blast locks. The new design opens both locks with one mechanism in a single, simple motion.

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

VIC-3 contracts were awarded in April and August 2005, and hardware delivery to theater began in early August 2005. Two developmental contracts, one small quantity purchase contract, and an urgent requirements contract were awarded for the Improved Seat Restraint effort. 12,194 seat restraints are for new production vehicles and current fleet. Hardware deliveries begin in January 2006. Contracts have been awarded for 4,839 Automatic Fire Extinguishing Systems. Initial testing is complete, first article testing begins in January 2006. In January 2006, installation has begun to theater, and deliveries of the 4,139 are scheduled to begin in April 2006. A contract for the Single Movement Combat Lock was awarded in August 2005. Field retrofit installation began in September 2005, and were cut into new production vehicles in November 2005. A production contract for Gunner's Restraint System for the M1114 was awarded November 2005. Installation has begun in Theater and will continue through May 2006.

**Installation Schedule**

	Pr Yr Totals	FY 2007				FY 2008				FY 2009				FY 2010				FY 2011			
		1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4
Inputs	59238	2639	2485	2485	2485																
Outputs																					

	FY 2012				FY 2013				FY 2014				FY 2015				To Complete	Totals
	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4		
Inputs																		69332
Outputs																		

METHOD OF IMPLEMENTATION: ADMINISTRATIVE LEADTIME: 0 months PRODUCTION LEADTIME: 0 months  
 Contract Dates: FY 2008 - FY 2009 - FY 2010 -  
 Delivery Dates: FY 2008 - FY 2009 - FY 2010 -

**INDIVIDUAL MODIFICATION**

Date: February 2007

MODIFICATION TITLE (cont): Tactical Vehicles Safety Enhancements [MOD 22] 0-00-00-0000

FINANCIAL PLAN: (\$ in Millions)

	FY 2006 and Prior		2007		2008		2009		2010		2011		2012		2013		TC		Total	
	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$
	<b>RDT&amp;E</b>																			
<b>Procurement</b>	69332	254.7																	69332	254.7
Kit Quantity																				
Installation Kits																				
Installation Kits, Nonrecurring																				
Equipment																				
Equipment, Nonrecurring																				
Engineering Change Orders																				
Data																				
Training Equipment																				
Support Equipment																				
Other																				
Interim Contractor Support																				
<b>Installation of Hardware</b>																				
FY 2005 & Prior Equip -- Kits																				
FY 2006 -- Kits																				
FY 2007 Equip -- Kits																				
FY 2008 Equip -- Kits																				
FY 2009 Equip -- Kits																				
FY 2010 Equip -- Kits																				
FY 2011 Equip -- Kits																				
FY 2012 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	0	0.0	0	0.0	0	0.0	0	0.0
Total Procurement Cost		254.7		0.0		0.0		0.0		0.0		0.0		0.0		0.0		0.0		254.7

**INDIVIDUAL MODIFICATION**

Date: February 2007

MODIFICATION TITLE: Collision Avoidance [MOD 23] 0-00-00-0000

MODELS OF SYSTEM AFFECTED: M915 Line Haul, HET, PLS, M1088 (FMTV Line Haul) and M916 LET

DESCRIPTION / JUSTIFICATION:  
 Uses radar to determine following distance and closing rate with any vehicle ahead. An onboard computer processes the information, compares it with vehicle speed, and issues an alert to the driver. Either warning lights flash, buzzers buzz, or both. Will be employed on M915 Line Haul, HET, PLS, M1088 (FMTV Line Haul) and M916 LET.

DEVELOPMENT STATUS / MAJOR DEVELOPMENT MILESTONE(S):  
 VORAD System in production on Freightliner M915/M916 FOV. NRE required for sensor and display unit installation details, integration and field installable kit development. ECP developed for HEMTT, HET, and PLS projects \$250K NRE per system and a production cost of \$3000 per vehicle. Quantity estimates were based on initial projections for kit development and installation on HET, PLS and M1088 FMTV. Installation cost projected at \$900 per vehicle.

Installation Schedule

	Pr Yr Totals	FY 2007				FY 2008				FY 2009				FY 2010				FY 2011			
		1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4
Inputs								100	100	100	100	160	160	160	160	190	190	190	200	115	115
Outputs																					

	FY 2012				FY 2013				FY 2014				FY 2015				To Complete	Totals
	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4		
Inputs	115	115	170	170	170	180	275	275	275	275								4060
Outputs																		

METHOD OF IMPLEMENTATION: contractor/depot ADMINISTRATIVE LEADTIME: 0 months PRODUCTION LEADTIME: 0 months  
 Contract Dates: FY 2008 - FY 2009 - FY 2010 -  
 Delivery Dates: FY 2008 - FY 2009 - FY 2010 -

**INDIVIDUAL MODIFICATION**

Date: February 2007

MODIFICATION TITLE (cont): Collision Avoidance [MOD 23] 0-00-00-0000

FINANCIAL PLAN: (\$ in Millions)

	FY 2006 and Prior		2007		2008		2009		2010		2011		2012		2013		TC		Total	
	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$
	<b>RDT&amp;E</b>																			
<b>Procurement</b>																				
Kit Quantity																				
Installation Kits																				
Installation Kits, Nonrecurring					400	1.2	640	1.9	770	2.3	460	1.4	690	2.0	1100	3.3			4060	12.1
Equipment																				
Equipment, Nonrecurring																				
Engineering Change Orders					3	0.8													3	0.8
Data																				
Training Equipment																				
Support Equipment																				
Other																				
Interim Contractor Support																				
<b>Installation of Hardware</b>																				
FY 2006 & Prior Equip -- Kits																				
FY 2007 -- Kits																				
FY 2008 Equip -- Kits					400	0.4													400	0.4
FY 2009 Equip -- Kits							640	0.6											640	0.6
FY 2010 Equip -- Kits									770	0.7									770	0.7
FY 2011 Equip -- Kits										460	0.4								460	0.4
FY 2012 Equip -- Kits												690	0.7						690	0.7
FY 2013 Equip -- Kits														1100	1.0				1100	1.0
TC Equip- Kits																				
Total Installment	0	0.0	0	0.0	400	0.4	640	0.6	770	0.7	460	0.4	690	0.7	1100	1.0	0	0.0	4060	3.8
Total Procurement Cost		0.0		0.0		2.4		2.5		3.0		1.8		2.7		4.3		0.0		16.7

**INDIVIDUAL MODIFICATION**

Date: February 2007

MODIFICATION TITLE: HMMWV FRAG Kit #5 (Door) [MOD 24] 0-00-00-0000

MODELS OF SYSTEM AFFECTED: Armored Vehicles - M1114 Up-Armored HMMWV (UAH) & M1151

DESCRIPTION / JUSTIFICATION:  
Fragmentation (FRAG) kit #5 provides increased protection to the doors. Enhancements include thicker transparent and opaque armor and improved hinges and latching mechanisms. The new material solution for door minimizes spall and debris entering the crew compartment upon overmatch.

DEVELOPMENT STATUS / MAJOR DEVELOPMENT MILESTONE(S):  
Interim solution - ATC design, RHA applique, funded \$10M to GSIE for 5500 vehicle sets; AEC Safety Confirmation released 5 Apr 06; 250 panel sets per week rate; distribution per MNCI/CFLCC prioritization. Production completed of 5500 on 31 Aug 06.  
Objective Solution- Design: Opaque armor- Ballistic Aluminum + RHA; Enhanced exterior mounted Transparent Armor; Robust door cam latch and upgraded hinges to accommodate weight; Protection area equivalent or better than Interim FRAG kit #5; test prototypes on 1 May 06. Production: M1114 & M1151 new vehicle production cut-in started in Oct 06; initial field kit production began in Oct 06.

Installation Schedule

Pr Yr	FY 2007				FY 2008				FY 2009				FY 2010				FY 2011			
	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4
Totals	3274	3274	3274																	
Inputs	5300	3274	3274																	
Outputs	5300		6961	180																

	FY 2012				FY 2013				FY 2014				FY 2015				To Complete	Totals			
	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4					
Inputs																				7897	23019
Outputs																				7897	20338

METHOD OF IMPLEMENTATION: Other ADMINISTRATIVE LEADTIME: 0 months PRODUCTION LEADTIME: 0 months  
 Contract Dates: FY 2008 - FY 2009 - FY 2010 -  
 Delivery Dates: FY 2008 - FY 2009 - FY 2010 -

**INDIVIDUAL MODIFICATION**

Date: February 2007

MODIFICATION TITLE (cont): HMMWV FRAG Kit #5 (Door) [MOD 24] 0-00-00-0000

FINANCIAL PLAN: (\$ in Millions)

	FY 2006 and Prior		2007		2008		2009		2010		2011		2012		2013		TC		Total	
	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$
	<b>RDT&amp;E</b>																			
<b>Procurement</b>	5300	50.0	4522	123.0															9822	173.0
Kit Quantity																				
Installation Kits																				
Installation Kits, Nonrecurring																				
Equipment																				
Equipment, Nonrecurring																				
Engineering Change Orders																				
Data																				
Training Equipment																				
Support Equipment																				
Other																				
Interim Contractor Support																				
<b>Installation of Hardware</b>																				
FY 2005 & Prior Equip -- Kits																				
FY 2006 -- Kits																				
FY 2007 Equip -- Kits			2705	5.0															2705	5.0
FY 2008 Equip -- Kits																				
FY 2009 Equip -- Kits																				
FY 2010 Equip -- Kits																				
FY 2011 Equip -- Kits																				
FY 2012 Equip -- Kits																				
TC Equip- Kits																				
Total Installment	0	0.0	2705	5.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	2705	5.0
Total Procurement Cost		50.0		128.0		0.0		0.0		0.0		0.0		0.0		0.0		0.0		178.0

**INDIVIDUAL MODIFICATION**

Date: February 2007

MODIFICATION TITLE: HMMWV Armor Kits [MOD 25] 0-00-00-0000

MODELS OF SYSTEM AFFECTED: All HMMWVs except M1114s

DESCRIPTION / JUSTIFICATION:  
An urgent and validated requirement exists for 13,872 HMMWV add-on-armor kits in Southwest Asia (SWA) in support of Operation Iraqi Freedom (OIF) and Operation Enduring Freedom (OEF). These kits include armored doors with ballistic windows, windshields and air conditioning. Total requirement to date has been fully funded.

DEVELOPMENT STATUS / MAJOR DEVELOPMENT MILESTONE(S):  
Nov 03: Responding to urgent need from SWA, Army Research Lab designed HMMWV armor kit.  
Dec 03: Ground Systems Industrial Enterprise (GSIE) received requirement for 3670 kits.  
Dec 03- present: over 10,000 kits produced and shipped to SWA.

Installation Schedule

	Pr Yr Totals	FY 2007				FY 2008				FY 2009				FY 2010				FY 2011			
		1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4
Inputs	13872																				
Outputs	13872																				

	FY 2012				FY 2013				FY 2014				FY 2015				To Complete	Totals
	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4		
Inputs																		13872
Outputs																		13872

METHOD OF IMPLEMENTATION: Contractor ADMINISTRATIVE LEADTIME: 0 months PRODUCTION LEADTIME: 0 months  
 Contract Dates: FY 2008 - FY 2009 - FY 2010 -  
 Delivery Dates: FY 2008 - FY 2009 - FY 2010 -

**INDIVIDUAL MODIFICATION**

Date: February 2007

MODIFICATION TITLE (cont): HMMWV Armor Kits [MOD 25] 0-00-00-0000

FINANCIAL PLAN: (\$ in Millions)

	FY 2006 and Prior		2007		2008		2009		2010		2011		2012		2013		TC		Total	
	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$
	<b>RDT&amp;E</b>																			
<b>Procurement</b>	13872	249.1																	13872	249.1
Kit Quantity																				
Installation Kits																				
Installation Kits, Nonrecurring																				
Equipment																				
Equipment, Nonrecurring																				
Engineering Change Orders																				
Data																				
Training Equipment																				
Support Equipment																				
Other																				
Interim Contractor Support																				
<b>Installation of Hardware</b>																				
FY 2005 & Prior Equip -- Kits	13872	134.1																	13872	134.1
FY 2006 -- Kits																				
FY 2007 Equip -- Kits																				
FY 2008 Equip -- Kits																				
FY 2009 Equip -- Kits																				
FY 2010 Equip -- Kits																				
FY 2011 Equip -- Kits																				
FY 2012 Equip -- Kits																				
TC Equip- Kits																				
Total Installment	13872	134.1	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	13872	134.1
Total Procurement Cost		383.2		0.0		0.0		0.0		0.0		0.0		0.0		0.0		0.0		383.2



**INDIVIDUAL MODIFICATION**

Date: February 2007

MODIFICATION TITLE: Medium Truck Armor Kits [MOD 26] 0-00-00-0000

MODELS OF SYSTEM AFFECTED:

DESCRIPTION / JUSTIFICATION:

An urgent and validated requirement exists for 3890 Family of Medium Tactical Vehicles (FMTV\_ Armor Kits and 3000 M939 5-Ton trucks Add on Armor (AoA) kits in SWA in support of Operation Iraqi Freedom (OIF) and Operation Enduring Freedom (OEF). These kits include 1855 AoA Crew Protection Kits (CPKs), 2035 Low Signature Armored Cabs (LSAC), armored doors with ballistic windows, windshields and air conditioning.

DEVELOPMENT STATUS / MAJOR DEVELOPMENT MILESTONE(S):

Initial design on the CPKs started in Dec 03, final design completed in Jun 04. The CPKs were tested and obtained safety confirmation in Mar 04. Production started Jun 04 with the first kit installed in country Jul 04.

Initial design of the LSAC started Jun 04, final design complete Oct 04. The LSACs were tested and obtained safety confirmation in Oct 04. Production commenced Nov 04 and first cab installed Jan 05.

The M939 preliminary design began Mar 04, final design complete Nov 04. Safety confirmation obtained Aug 04. Production started Jan 05.

Installation Schedule

Pr Yr Totals	FY 2007				FY 2008				FY 2009				FY 2010				FY 2011			
	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4
Inputs 6881																				
Outputs 6881																				

	FY 2012				FY 2013				FY 2014				FY 2015				To Complete	Totals			
	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4					
Inputs																					6881
Outputs																					6881

METHOD OF IMPLEMENTATION:

ADMINISTRATIVE LEADTIME:

0 months

PRODUCTION LEADTIME: 0 months

Contract Dates:

FY 2008 -

FY 2009 -

FY 2010 -

Delivery Dates:

FY 2008 -

FY 2009 -

FY 2010 -

**INDIVIDUAL MODIFICATION**

Date: February 2007

MODIFICATION TITLE (cont): Medium Truck Armor Kits [MOD 26] 0-00-00-0000

FINANCIAL PLAN: (\$ in Millions)

	FY 2006 and Prior		2007		2008		2009		2010		2011		2012		2013		TC		Total		
	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	
	<b>RDT&amp;E</b>																				
<b>Procurement</b>																					
Kit Quantity	6881	637.2																		6881	637.2
Installation Kits																					
Installation Kits, Nonrecurring																					
Equipment																					
Equipment, Nonrecurring																					
Engineering Change Orders																					
Data																					
Training Equipment																					
Support Equipment																					
Other																					
Interim Contractor Support																					
<b>Installation of Hardware</b>																					
FY 2005 & Prior Equip -- Kits	6881																			6881	
FY 2006 -- Kits																					
FY 2007 Equip -- Kits																					
FY 2008 Equip -- Kits																					
FY 2009 Equip -- Kits																					
FY 2010 Equip -- Kits																					
FY 2011 Equip -- Kits																					
FY 2012 Equip -- Kits																					
TC Equip- Kits																					
Total Installment	6881	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	6881	0.0	
Total Procurement Cost		637.2		0.0		0.0		0.0		0.0		0.0		0.0		0.0		0.0		637.2	

**INDIVIDUAL MODIFICATION**

Date: February 2007

MODIFICATION TITLE: HMMWV ECM Conversion [MOD 27] 0-00-00-0000

MODELS OF SYSTEM AFFECTED: HMMWV Models

DESCRIPTION / JUSTIFICATION:  
Funds were provided from the IFF account for the conversion of non-tactical vehicle mounted radio-controlled jammers systems to the HMMWV for the IED Task Force.

DEVELOPMENT STATUS / MAJOR DEVELOPMENT MILESTONE(S):  
N/A

Installation Schedule

Pr Yr Totals	FY 2007				FY 2008				FY 2009				FY 2010				FY 2011			
	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4
Inputs																				
Outputs																				

1	2	3	4	FY 2012				FY 2013				FY 2014				FY 2015				To Complete	Totals	
				1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4			
Inputs																						
Outputs																						

METHOD OF IMPLEMENTATION: ADMINISTRATIVE LEADTIME: 0 months PRODUCTION LEADTIME: 0 months  
 Contract Dates: FY 2008 - FY 2009 - FY 2010 -  
 Delivery Dates: FY 2008 - FY 2009 - FY 2010 -

**INDIVIDUAL MODIFICATION**

Date: February 2007

MODIFICATION TITLE (cont): HMMWV ECM Conversion [MOD 27] 0-00-00-0000

FINANCIAL PLAN: (\$ in Millions)

	FY 2006 and Prior		2007		2008		2009		2010		2011		2012		2013		TC		Total	
	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$
	<b>RDT&amp;E</b>																			
<b>Procurement</b>		0.8																		0.8
Kit Quantity																				
Installation Kits																				
Installation Kits, Nonrecurring																				
Equipment																				
Equipment, Nonrecurring																				
Engineering Change Orders																				
Data																				
Training Equipment																				
Support Equipment																				
Other																				
Interim Contractor Support																				
<b>Installation of Hardware</b>																				
FY 2005 & Prior Equip -- Kits																				
FY 2006 -- Kits																				
FY 2007 Equip -- Kits																				
FY 2008 Equip -- Kits																				
FY 2009 Equip -- Kits																				
FY 2010 Equip -- Kits																				
FY 2011 Equip -- Kits																				
FY 2012 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	0	0.0	0	0.0	0	0.0	0	0.0
Total Procurement Cost		0.8		0.0		0.0		0.0		0.0		0.0		0.0		0.0		0.0		0.8

**INDIVIDUAL MODIFICATION**

Date: February 2007

MODIFICATION TITLE: Tactical Vehicle Armor Installation [MOD 28] 0-00-00-0000

MODELS OF SYSTEM AFFECTED: Various Tactical Trucks

DESCRIPTION / JUSTIFICATION:  
An urgent and validated requirement exists for the installation of armor kits on all the tactical wheeled vehicles in SWA in support of Operation Iraqi Freedom (OIF) and Operation Enduring Freedom (OEF) .

DEVELOPMENT STATUS / MAJOR DEVELOPMENT MILESTONE(S):

Installation Schedule

Pr Yr Totals	FY 2007				FY 2008				FY 2009				FY 2010				FY 2011			
	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4
Inputs																				
Outputs																				

1	FY 2012			FY 2013			FY 2014			FY 2015			To Complete	Totals
	2	3	4	1	2	3	1	2	3	1	2	3		
Inputs														
Outputs														

METHOD OF IMPLEMENTATION:

ADMINISTRATIVE LEADTIME:

0 months

PRODUCTION LEADTIME: 0 months

Contract Dates: FY 2008 -

FY 2009 -

FY 2010 -

Delivery Dates: FY 2008 -

FY 2009 -

FY 2010 -

**INDIVIDUAL MODIFICATION**

Date: February 2007

MODIFICATION TITLE (cont): Tactical Vehicle Armor Installation [MOD 28] 0-00-00-0000

FINANCIAL PLAN: (\$ in Millions)

	FY 2006 and Prior		2007		2008		2009		2010		2011		2012		2013		TC		Total	
	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$
	<b>RDT&amp;E</b>																			
<b>Procurement</b>																				
Kit Quantity																				
Installation Kits																				
Installation Kits, Nonrecurring																				
Equipment																				
Equipment, Nonrecurring																				
Engineering Change Orders																				
Data																				
Training Equipment																				
Support Equipment																				
Other																				
Interim Contractor Support																				
<b>Installation of Hardware</b>																				
FY 2005 & Prior Equip -- Kits		204.1																		204.1
FY 2006 -- Kits																				
FY 2007 Equip -- Kits																				
FY 2008 Equip -- Kits																				
FY 2009 Equip -- Kits																				
FY 2010 Equip -- Kits																				
FY 2011 Equip -- Kits																				
FY 2012 Equip -- Kits																				
TC Equip- Kits																				
Total Installment	0	204.1	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	204.1
Total Procurement Cost		204.1		0.0		0.0		0.0		0.0		0.0		0.0		0.0		0.0		204.1

**INDIVIDUAL MODIFICATION**

Date: February 2007

MODIFICATION TITLE: Driver Vision Enhancement Systems [MOD 29] 0-00-00-0000

MODELS OF SYSTEM AFFECTED: All Tactical Vehicles

DESCRIPTION / JUSTIFICATION:  
Integrate and install Driver Vision Enhancement System on Tactical Vehicles

DEVELOPMENT STATUS / MAJOR DEVELOPMENT MILESTONE(S):

Installation Schedule

Pr Yr Totals	FY 2007				FY 2008				FY 2009				FY 2010				FY 2011			
	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4
Inputs							151	151	151	151	151	151	151	154	151	151	151	154	151	151
Outputs																				

1	FY 2012			FY 2013				FY 2014				FY 2015				To Complete	Totals				
	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4						
Inputs	151	154	151	151	151	154	123	122	122	122											3521
Outputs																					

METHOD OF IMPLEMENTATION:

ADMINISTRATIVE LEADTIME:

0 months

PRODUCTION LEADTIME: 0 months

Contract Dates:

FY 2008 -

FY 2009 -

FY 2010 -

Delivery Dates:

FY 2008 -

FY 2009 -

FY 2010 -

**INDIVIDUAL MODIFICATION**

Date: February 2007

MODIFICATION TITLE (cont): Driver Vision Enhancement Systems [MOD 29] 0-00-00-0000

FINANCIAL PLAN: (\$ in Millions)

	FY 2006 and Prior		2007		2008		2009		2010		2011		2012		2013		TC		Total	
	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$
	<b>RDT&amp;E</b>																			
<b>Procurement</b>																				
Kit Quantity																				
Installation Kits																				
Installation Kits, Nonrecurring					604	6.0	607	6.1	607	6.1	607	6.1	1093	10.9					3518	35.2
Equipment																				
Equipment, Nonrecurring																				
Engineering Change Orders																				
Data																				
Training Equipment																				
Support Equipment																				
Other																				
Interim Contractor Support																				
<b>Installation of Hardware</b>																				
FY 2006 & Prior Equip -- Kits																				
FY 2007 -- Kits																				
FY 2008 Equip -- Kits					604	0.3													604	0.3
FY 2009 Equip -- Kits							607	0.3											607	0.3
FY 2010 Equip -- Kits									607	0.3									607	0.3
FY 2011 Equip -- Kits											607	0.3							607	0.3
FY 2012 Equip -- Kits													1093	0.5					1093	0.5
FY 2013 Equip -- Kits																				
TC Equip- Kits																				
Total Installment	0	0.0	0	0.0	604	0.3	607	0.3	607	0.3	607	0.3	1093	0.5	0	0.0	0	0.0	3518	1.7
Total Procurement Cost		0.0		0.0		6.3		6.4		6.4		6.4		11.4		0.0		0.0		36.9



**INDIVIDUAL MODIFICATION**

Date: February 2007

MODIFICATION TITLE: Air Conditioning [MOD 30] 0-00-00-0000

MODELS OF SYSTEM AFFECTED: Tactical Vehicles

DESCRIPTION / JUSTIFICATION:  
Integrate and install Air Conditioning on fielded tactical vehicles.

DEVELOPMENT STATUS / MAJOR DEVELOPMENT MILESTONE(S):  
Fully Developed

Installation Schedule

Pr Yr Totals	FY 2007				FY 2008				FY 2009				FY 2010				FY 2011			
	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4
Inputs							151	151	151	151	151	151	151	154	151	151	151	154	151	151
Outputs																				

1	FY 2012			FY 2013				FY 2014				FY 2015				To Complete	Totals				
	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4						
Inputs	151	154	151	151	151	154	123	122	122	122											3521
Outputs																					

METHOD OF IMPLEMENTATION:

ADMINISTRATIVE LEADTIME:

0 months

PRODUCTION LEADTIME: 0 months

Contract Dates:

FY 2008 -

FY 2009 -

FY 2010 -

Delivery Dates:

FY 2008 -

FY 2009 -

FY 2010 -

**INDIVIDUAL MODIFICATION**

Date: February 2007

MODIFICATION TITLE (cont): Air Conditioning [MOD 30] 0-00-00-0000

FINANCIAL PLAN: (\$ in Millions)

	FY 2006 and Prior		2007		2008		2009		2010		2011		2012		2013		TC		Total	
	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$
	<b>RDT&amp;E</b>																			
<b>Procurement</b>																				
Kit Quantity																				
Installation Kits																				
Installation Kits, Nonrecurring					604	2.7	607	2.7	607	2.7	607	2.7	1096	4.9					3521	15.7
Equipment																				
Equipment, Nonrecurring																				
Engineering Change Orders																				
Data																				
Training Equipment																				
Support Equipment																				
Other																				
Interim Contractor Support																				
<b>Installation of Hardware</b>																				
FY 2006 & Prior Equip -- Kits																				
FY 2007 -- Kits																				
FY 2008 Equip -- Kits					604	0.3													604	0.3
FY 2009 Equip -- Kits							607	0.3											607	0.3
FY 2010 Equip -- Kits									607	0.3									607	0.3
FY 2011 Equip -- Kits											607	0.3							607	0.3
FY 2012 Equip -- Kits													1096	0.5					1096	0.5
FY 2013 Equip -- Kits																				
TC Equip- Kits																				
Total Installment	0	0.0	0	0.0	604	0.3	607	0.3	607	0.3	607	0.3	1096	0.5	0	0.0	0	0.0	3521	1.7
Total Procurement Cost		0.0		0.0		3.0		3.0		3.0		3.0		5.4		0.0		0.0		17.4

**INDIVIDUAL MODIFICATION**

Date: February 2007

MODIFICATION TITLE: Vehicle Computer System [MOD 31] 0-00-00-0000

MODELS OF SYSTEM AFFECTED: Tactical Vehicles

DESCRIPTION / JUSTIFICATION:  
Integrate and install Vehicle Computer System on Tactical Vehicles.

DEVELOPMENT STATUS / MAJOR DEVELOPMENT MILESTONE(S):  
Integration required. Vehicle Computer System defined and selected.

Installation Schedule

Pr Yr Totals	FY 2007				FY 2008				FY 2009				FY 2010				FY 2011			
	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4
Inputs							151	151	151	151	151	151	151	154	151	151	151	154	151	151
Outputs																				

1	FY 2012			FY 2013				FY 2014				FY 2015				To Complete	Totals	
	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4			
Inputs	151	154	151	151	151	154	123	122	122	122								3521
Outputs																		

METHOD OF IMPLEMENTATION:

ADMINISTRATIVE LEADTIME:

0 months

PRODUCTION LEADTIME: 0 months

Contract Dates: FY 2008 -

FY 2009 -

FY 2010 -

Delivery Dates: FY 2008 -

FY 2009 -

FY 2010 -

**INDIVIDUAL MODIFICATION**

Date: February 2007

MODIFICATION TITLE (cont): Vehicle Computer System [MOD 31] 0-00-00-0000

FINANCIAL PLAN: (\$ in Millions)

	FY 2006 and Prior		2007		2008		2009		2010		2011		2012		2013		TC		Total	
	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$
	<b>RDT&amp;E</b>																			
<b>Procurement</b>																				
Kit Quantity																				
Installation Kits																				
Installation Kits, Nonrecurring					604	2.7	607	2.7	607	2.7	607	2.7	1096	4.9					3521	15.7
Equipment																				
Equipment, Nonrecurring																				
Engineering Change Orders																				
Data																				
Training Equipment																				
Support Equipment																				
Other																				
Interim Contractor Support																				
<b>Installation of Hardware</b>																				
FY 2006 & Prior Equip -- Kits																				
FY 2007 -- Kits																				
FY 2008 Equip -- Kits					604	0.3													604	0.3
FY 2009 Equip -- Kits							607	0.3											607	0.3
FY 2010 Equip -- Kits									607	0.3									607	0.3
FY 2011 Equip -- Kits											607	0.3							607	0.3
FY 2012 Equip -- Kits													1096	0.5					1096	0.5
FY 2013 Equip -- Kits																				
TC Equip- Kits																				
Total Installment	0	0.0	0	0.0	604	0.3	607	0.3	607	0.3	607	0.3	1096	0.5	0	0.0	0	0.0	3521	1.7
Total Procurement Cost		0.0		0.0		3.0		3.0		3.0		3.0		5.4		0.0		0.0		17.4

**INDIVIDUAL MODIFICATION**

Date: February 2007

MODIFICATION TITLE: Vehicle Intercrew Communications [MOD 32] 0-00-00-0000

MODELS OF SYSTEM AFFECTED: Tactical Vehicles

DESCRIPTION / JUSTIFICATION:  
Integrate and install vehicle intercrew communications on tactical vehicles.

DEVELOPMENT STATUS / MAJOR DEVELOPMENT MILESTONE(S):  
Fully developed, integration required.

Installation Schedule

Pr Yr Totals	FY 2007				FY 2008				FY 2009				FY 2010				FY 2011			
	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4
Inputs							151	151	151	151	151	151	151	154	151	151	151	154	151	151
Outputs																				

1	FY 2012			FY 2013				FY 2014				FY 2015				To Complete	Totals				
	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4						
Inputs	151	154	151	151	151	154	123	122	122	122											3521
Outputs																					

METHOD OF IMPLEMENTATION: ADMINISTRATIVE LEADTIME: 0 months PRODUCTION LEADTIME: 0 months  
 Contract Dates: FY 2008 - FY 2009 - FY 2010 -  
 Delivery Dates: FY 2008 - FY 2009 - FY 2010 -

**INDIVIDUAL MODIFICATION**

Date: February 2007

MODIFICATION TITLE (cont): Vehicle Intercrew Communications [MOD 32] 0-00-00-0000

FINANCIAL PLAN: (\$ in Millions)

	FY 2006 and Prior		2007		2008		2009		2010		2011		2012		2013		TC		Total	
	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$
	<b>RDT&amp;E</b>																			
<b>Procurement</b>																				
Kit Quantity																				
Installation Kits																				
Installation Kits, Nonrecurring					604	9.1	607	9.3	607	9.1	607	9.2	1096	16.7					3521	53.4
Equipment																				
Equipment, Nonrecurring																				
Engineering Change Orders						0.1														0.1
Data																				
Training Equipment																				
Support Equipment																				
Other																				
Interim Contractor Support																				
<b>Installation of Hardware</b>																				
FY 2006 & Prior Equip -- Kits																				
FY 2007 -- Kits																				
FY 2008 Equip -- Kits					604	0.3													604	0.3
FY 2009 Equip -- Kits							607	0.3											607	0.3
FY 2010 Equip -- Kits									607	0.3									607	0.3
FY 2011 Equip -- Kits											607	0.3							607	0.3
FY 2012 Equip -- Kits													1096	0.5					1096	0.5
FY 2013 Equip -- Kits																				
TC Equip- Kits																				
Total Installment	0	0.0	0	0.0	604	0.3	607	0.3	607	0.3	607	0.3	1096	0.5	0	0.0	0	0.0	3521	1.7
Total Procurement Cost		0.0		0.0		9.5		9.6		9.4		9.5		17.2		0.0		0.0		55.2

**Exhibit P-40, Budget Item Justification Sheet**

Date: February 2007

Appropriation / Budget Activity / Serial No:  
Other Procurement, Army / 1 / Tactical and support vehicles

P-1 Item Nomenclature  
ITEMS LESS THAN \$5.0M (TAC VEH) (DL5110)

Program Elements for Code B Items:

Code:  
A

Other Related Program Elements:

	Prior Years	FY 2006	FY 2007	FY 2008	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	To Complete	Total Prog
Proc Qty											
Gross Cost	74.9	0.4	12.4		0.5	0.3		0.3	0.3		89.1
Less PY Adv Proc											
Plus CY Adv Proc											
Net Proc P1	74.9	0.4	12.4		0.5	0.3		0.3	0.3		89.1
Initial Spares											
Total Proc Cost	74.9	0.4	12.4		0.5	0.3		0.3	0.3		89.1
Flyaway U/C											
Weapon System Proc U/C											

**Description:**

This equipment consists of various tools essential to the maintenance of the Army's Worldwide Tactical Wheeled Vehicle Fleet. These sets include components as small as a screwdriver to as large as an Automotive Work Table and Maintenance Stand. The maintenance equipment and tools have multi-application to the maintenance organization tasked with maintaining tactical and support vehicles.

The Sets Kits and Outfits (SKOs) support Army maintenance, specifically Fuel and Electric Repair Shop Sets and the Automotive Field Maintenance Supplement #2 Tool Set. These sets of tools are used for highly specialized applications in the area of aircraft maintenance as well as automotive maintenance and repair. They are virtually in constant use. These SKOs are essential for units to properly maintain equipment and perform the mandatory maintenance operations which maintain the readiness of weapons systems. Without these SKOs, soldiers are unable to properly and adequately maintain vehicles and systems. Inadequately maintained systems may not perform properly, which can affect safety and put warfighter lives at risk. Lack of funding has caused Commanders to be forced to use antiquated tools or to substitute non-standard tools, that have not been tested, do not support modularity, and which may themselves be unsafe for use. Army modularity requires reliable systems that support soldier safety, supportability, and mobility requirements. SKOs are systems which require continuous review, revision, and upgrades to support modularity requirements.

**Justification:**

FY09 Procures 3 Shop Equipment Electric Component Repairs and 6 Auto Sustainment and Maintenance Shop Equipment. The maintenance equipment is essential for units to properly maintain equipment and perform the mandatory maintenance operations which maintain the readiness of weapons systems. This equipment allows soldiers to properly and adequately maintain vehicles and systems. Maintained systems perform properly, improve safety and reduces the risk to the warfighter. Army modularity requires reliable systems that support soldier safety, supportability, and mobility requirements. SKOs are systems which require continuous review, revision, and upgrades to support modularity requirements.

FY07 totals include supplemental funds of \$8.0 million to support the global war on terrorism (GWOT).

<b>Exhibit P-5, Weapon OPA1 Cost Analysis</b>	Appropriation/Budget Activity/Serial No: Other Procurement, Army / 1 / Tactical and support vehicles			P-1 Line Item Nomenclature: ITEMS LESS THAN \$5.0M (TAC VEH) (DL5110)			Weapon System Type:			Date: February 2007			
<b>OPA1 Cost Elements</b>	ID	<b>FY 06</b>			<b>FY 07</b>			<b>FY 08</b>			<b>FY 09</b>		
	CD	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost
		\$000	Units	\$000	\$000	Units	\$000	\$000	Units	\$000	\$000	Units	\$000
1. Shop Equipment Elec Component Rpr		45	3	15							59	3	20
2. Auto Sustainment and Maintenance SE		307	4	77	152	2	76				443	6	74
3. Air Compressors					2230	422	5						
4. Radiator Test & Repair Shop Equip					83	4	21						
5. Machinist Measuring Tool Set					5	6							
6. Spare Part Storage Field Shop Set					4664	530	9						
7. Program Support		6			866						13		
8. Light Weight Utility Vehicles					4382								
<b>Total:</b>		<b>358</b>			<b>12382</b>						<b>515</b>		



## Exhibit P-5a, Budget Procurement History and Planning

Date:  
February 2007

Appropriation/Budget Activity/Serial No: Other Procurement, Army/ 1/ Tactical and support vehicles	Weapon System Type:	P-1 Line Item Nomenclature: ITEMS LESS THAN \$5.0M (TAC VEH) (DL5110)								
WBS Cost Elements:	Contractor and Location	Contract Method and Type	Location of PCO	Award Date	Date of First Delivery	QTY Units	Unit Cost \$000	Specs Avail Now?	Date Revsn Avail	RFP Issue Date
<b>1. Shop Equipment Elec Component Rpr</b>										
FY 2006	Snap-On Industrial Crystal Lake, IL	C/FFP	TACOM, Rock Island, IL	Apr 06	Sep 06	3	15	Y	N	
FY 2009	Snap-On Industrial Crystal Lake, IL	C/FFP	TACOM, Rock Island, IL	Apr 09	Sep 09	3	20	Y	N	
<b>2. Auto Sustainment and Maintenance SE</b>										
FY 2006	Kipper Gainesville, GA	C/FFP	TACOM, Rock Island, IL	Apr 06	Sep 06	4	77	Y	N	
FY 2007	Kipper Gainesville, GA	C/FFP	TACOM, Rock Island, IL	Apr 07	Sep 07	2	76	Y	N	
FY 2009	Kipper Gainesville, GA	C/FFP	TACOM, Rock Island, IL	Apr 09	Sep 09	6	74	Y	N	
<b>3. Air Compressors</b>										
FY 2007	TBD	C/FFP	TACOM, Rock Island, IL	Apr 07	Aug 07	422	5	Y	N	
<b>4. Radiator Test &amp; Repair Shop Equip</b>										
FY 2007	Sierra Army Depot Herlong, CA	SS/FFP	TACOM, Rock Island, IL	Dec 06	Apr 07	4	21	Y	N	
<b>5. Machinist Measuring Tool Set</b>										
FY 2007	Kipper Gainesville, GA	C/FFP 2/5	TACOM, Rock Island, IL	Nov 06	Mar 07	6		Y	N	
<b>6. Spare Part Storage Field Shop Set</b>										
FY 2007	Sierra Army Depot Herlong, CA	SS/FFP	TACOM, Rock Island, IL	Dec 06	Apr 07	530	9	Y	N	
<b>8. Light Weight Utility Vehicles</b>										
FY 2007	TBS									

REMARKS:

**Exhibit P-40, Budget Item Justification Sheet**

Date: February 2007

Appropriation / Budget Activity / Serial No:  
Other Procurement, Army / 1 / Tactical and support vehicles

P-1 Item Nomenclature  
TOWING DEVICE-FIFTH WHEEL (D09900)

Program Elements for Code B Items:

Code:  
A

Other Related Program Elements:

	Prior Years	FY 2006	FY 2007	FY 2008	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	To Complete	Total Prog
Proc Qty	95	60	55	17							227
Gross Cost	3.9	2.8	2.9	0.9							10.5
Less PY Adv Proc											
Plus CY Adv Proc											
Net Proc P1	3.9	2.8	2.9	0.9							10.5
Initial Spares											
Total Proc Cost	3.9	2.8	2.9	0.9							10.5
Flyaway U/C											
Weapon System Proc U/C											

**Description:**

The Fifth Wheel Towing Device (FWTD) is a system that attaches to a tractor's fifth wheel, converting it into a towing/recovery vehicle. The device transforms a Truck Tractor into an evacuation vehicle capable of recovery, lift-towing or flat-towing another disabled truck. It is capable of lifting up to 30,000 pounds and towing up to 120,000 pounds. It also provides a unit the capability to recover vehicles without the use of a wrecker, especially in Line Haul missions. It provides worldwide service to evacuate, tow, and deliver, and has limited recovery capability. When the FWTD is not in use, it can be dismantled and the tractor can perform its normal trailer-towing mission.

**Justification:**

FY08 procures 17 FWTDs which are used to perform forward recovery missions in the Ordnance, Transportation, and Engineer Units, and is a critical supplement to organic evacuation and towing assets.

FY07 total includes supplemental funding of \$174 thousand to support the global war in terrorism (GWOT).

Program was previously funded under Towing Device, 5th Wheel (D15901), and Items Less than \$5.0 million (DL5110) budget lines.

**Exhibit P-40, Budget Item Justification Sheet**

Date: February 2007

Appropriation / Budget Activity / Serial No:  
Other Procurement, Army / 1 / Tactical and support vehicles

P-1 Item Nomenclature  
HEAVY ARMORED SEDAN (D22100)

Program Elements for Code B Items:

Code:  
A

Other Related Program Elements:

	Prior Years	FY 2006	FY 2007	FY 2008	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	To Complete	Total Prog
Proc Qty	118	14	3	3	3	4	4	4	4		157
Gross Cost	17.8	2.3	0.6	0.6	0.6	0.8	0.8	0.8	0.5		24.8
Less PY Adv Proc											
Plus CY Adv Proc											
Net Proc P1	17.8	2.3	0.6	0.6	0.6	0.8	0.8	0.8	0.5		24.8
Initial Spares											
Total Proc Cost	17.8	2.3	0.6	0.6	0.6	0.8	0.8	0.8	0.5		24.8
Flyaway U/C											
Weapon System Proc U/C	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.1		1.7

**Description:**

These physical security vehicles are specialized commercial design vehicles that are armored to meet specific threat conditions within the guidelines/requirements established by the Office of the Secretary of Defense, Special Operations and Low Intensity Conflict (SOLIC) for Heavy Armored Vehicles (HAV). These vehicles provide inconspicuous protection and transportation for U.S. personnel and cargo in high threat areas, such as Europe, Korea, and Southwest Asia. The level of armor is in accordance with the nature and type of threat in the area of use. These vehicles are heavy duty passenger vehicles and are utilized by General Officers, dignitaries, embassy personnel, and other servicemen requiring protection. These vehicles are essential for protecting lives.

**Justification:**

FY08/09 procures six Heavy Armored Vehicles to fill urgent requirements for the protection of personnel performing support missions within areas of threat. Replacement requirements exist in Europe and Korea. These vehicles are also being utilized to support operations in Southwest Asia (e.g. Kuwait, Saudi Arabia, Qatar, Afghanistan, and Iraq). There is a continuous and high demand for these vehicles in Iraq.

**Exhibit P-40, Budget Item Justification Sheet**

Date: February 2007

Appropriation / Budget Activity / Serial No:  
Other Procurement, Army / 1 / Tactical and support vehicles

P-1 Item Nomenclature  
PASSENGER CARRYING VEHICLES (D23000)

Program Elements for Code B Items:

Code:  
A

Other Related Program Elements:

	Prior Years	FY 2006	FY 2007	FY 2008	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	To Complete	Total Prog
Proc Qty	67540	11	18	8	8	8	8	7	7		67615
Gross Cost	261.5	0.9	0.6	0.3	0.3	0.3	0.3	0.2	0.2		264.6
Less PY Adv Proc											
Plus CY Adv Proc											
Net Proc P1	261.5	0.9	0.6	0.3	0.3	0.3	0.3	0.2	0.2		264.6
Initial Spares											
Total Proc Cost	261.5	0.9	0.6	0.3	0.3	0.3	0.3	0.2	0.2		264.6
Flyaway U/C											
Weapon System Proc U/C	0.2	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0		0.6

**Description:**

Vehicles are of commercial design, intended to provide transportation for Army personnel and family members. Passenger Carrying Vehicles are procurable from commercial vendors, Original Equipment Manufacturers (OEM), and after-market sources. Examples include sedans, ambulances, buses, station wagons, and hearses. Sedans are used for investigation, field intelligence, and security. Ambulances are essential and life saving vehicles. Light Armored Vehicles (LAV) are specialized commercial vehicles which include sedans, sport utility vehicles, vans, and cargo trucks. LAVs are used to provide inconspicuous protection for high level personnel who might be seen as terrorist targets.

**Justification:**

FY08/09 procures sixteen Passenger Carrying Vehicles. These vehicles are needed to fill shortages and replace overaged vehicles located primarily at Outside Continental United States (OCONUS) activities, including covert activities. The General Services Administration (GSA) does not lease vehicles to many OCONUS locations. LAVs are being used to support operations in Southwest Asia (e.g. Kuwait, Saudi Arabia, Qatar, Afghanistan, and Iraq) and are also used in South America and Korea.

**Exhibit P-40, Budget Item Justification Sheet**

Date: February 2007

Appropriation / Budget Activity / Serial No:  
Other Procurement, Army / 1 / Tactical and support vehicles

P-1 Item Nomenclature  
NonTactical Vehicles, Other (D30000)

Program Elements for Code B Items:

Code:  
A

Other Related Program Elements:

	Prior Years	FY 2006	FY 2007	FY 2008	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	To Complete	Total Prog
Proc Qty	64155	37	48	44	43	42	42	42	44		64497
Gross Cost	686.2	19.1	3.5	3.4	3.4	3.2	3.2	3.2	3.5		728.6
Less PY Adv Proc											
Plus CY Adv Proc											
Net Proc P1	686.2	19.1	3.5	3.4	3.4	3.2	3.2	3.2	3.5		728.6
Initial Spares											
Total Proc Cost	686.2	19.1	3.5	3.4	3.4	3.2	3.2	3.2	3.5		728.6
Flyaway U/C											
Weapon System Proc U/C	0.0	0.5	0.1	0.1	0.1	0.1	0.1	0.1	0.1		1.1

**Description:**

This line is a roll-up of Special Purpose Vehicles, General Purpose Vehicles, and the Personnel Carrying Semi-Trailer Vans. Special and General Purpose vehicles are used in the direct support of facility engineering, maintenance activities, and for general administrative use in transporting personnel and cargo. Personnel Carrying Semi-Trailer Vans are used for transporting U.S. Military personnel and their equipment to training sites. All vehicles are procurable from commercial sources.

**Justification:**

FY08/09 procures 87 Non-Tactical Vehicles to fill shortages and replace overaged vehicles that are unsafe, over mileage, or uneconomical to repair.

FY07 total includes supplemental funding of \$5.772 million to support the global war on terrorism (GWOT)

**Exhibit P-40, Budget Item Justification Sheet**

Date: February 2007

Appropriation / Budget Activity / Serial No:  
Other Procurement, Army / 1 / Tactical and support vehicles

P-1 Item Nomenclature  
SEMITRAILER VAN PERS 80 PASS 7T 2WHL (D31500)

Program Elements for Code B Items:

Code:  
A

Other Related Program Elements:

	Prior Years	FY 2006	FY 2007	FY 2008	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	To Complete	Total Prog
Proc Qty	10		3	1	1						15
Gross Cost	3.0		0.8	0.3	0.3	0.1	0.1	0.1	0.1		4.8
Less PY Adv Proc											
Plus CY Adv Proc											
Net Proc P1	3.0		0.8	0.3	0.3	0.1	0.1	0.1	0.1		4.8
Initial Spares											
Total Proc Cost	3.0		0.8	0.3	0.3	0.1	0.1	0.1	0.1		4.8
Flyaway U/C											
Weapon System Proc U/C	0.3		0.3	0.3	0.3						1.2

**Description:**

This Semi-Trailer is a specially engineered/configured, commercial design vehicle that is pulled by a Tractor Truck. It is intended for the transportation of military personnel and their equipment to and from installation training sites. The Personnel Carrying Semi-Trailer Van provides a safer means to transport personnel, as well as an increased carrying capacity, when compared to the outdated Semi-Trailer Vans and Buses that are to be replaced.

**Justification:**

FY08/09 procures two Personnel Carrying Semi-Trailer Van. These vehicles are needed to replace overaged and unsafe Semi-Trailer Vans that are currently being used to transport military recruits and their equipment to training sites. Many of the existing vehicles are over 30 years old and are in extremely poor conditions. Total Army Acquisition Objective (AAO) is 86.

**Exhibit P-40, Budget Item Justification Sheet**

Date: February 2007

Appropriation / Budget Activity / Serial No:  
Other Procurement, Army / 1 / Tactical and support vehicles

P-1 Item Nomenclature  
GENERAL PURPOSE VEHICLES (DV0013)

Program Elements for Code B Items:

Code:  
A

Other Related Program Elements:

	Prior Years	FY 2006	FY 2007	FY 2008	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	To Complete	Total Prog
Proc Qty	48567	36	41	32	32	32	32	32	32		48836
Gross Cost	384.2	19.0	1.9	1.5	1.5	1.5	1.5	1.5	1.5		414.2
Less PY Adv Proc											
Plus CY Adv Proc											
Net Proc P1	384.2	19.0	1.9	1.5	1.5	1.5	1.5	1.5	1.5		414.2
Initial Spares											
Total Proc Cost	384.2	19.0	1.9	1.5	1.5	1.5	1.5	1.5	1.5		414.2
Flyaway U/C											
Weapon System Proc U/C	0.0	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0		0.9

**Description:**

Vehicles are of commercial design, intended primarily for general administrative use in transporting personnel and cargo. Most vehicles are procurable from commercial production lines and include light to heavy trucks, such as carryalls, panel trucks, stake trucks, cargo trucks, trailers, semi-trailers, utility trucks, fuel servicing tankers, truck tractors, and flatbeds. Additional examples of General Purpose Vehicles include a mobile air sampling lab van, which is being used to support operations in Iraq; mobile command and control vehicles; blood mobile vehicles, which are used for collecting blood; and expandable semi-trailers used for recruiting purposes. These types of vehicles are procured from specialized vendors. FY06 includes \$18.5 million for 29 command and control vehicles.

**Justification:**

FY0809 procures 64 General Purpose Vehicles to replace overaged vehicles or to fill shortages. Among the vehicle types required are carryalls, stake trucks, and cargo trucks. These vehicles are needed at Outside the Continental United States (OCONUS) locations where General Services Administration (GSA) leasing is not available (e.g. Japan and Korea). Carryalls are also needed for covert OCONUS activities. Fuel servicing tanker trucks are needed for requirements not met by GSA leasing.

<b>Exhibit P-5, Weapon OPA1 Cost Analysis</b>		Appropriation/Budget Activity/Serial No: Other Procurement, Army / 1 / Tactical and support vehicles			P-1 Line Item Nomenclature: GENERAL PURPOSE VEHICLES (DV0013)			Weapon System Type:			Date: February 2007			
<b>OPA1 Cost Elements</b>		ID	<b>FY 06</b>			<b>FY 07</b>			<b>FY 08</b>			<b>FY 09</b>		
		CD	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost
			\$000	Units	\$000	\$000	Units	\$000	\$000	Units	\$000	\$000	Units	\$000
<b>Command and Control Vehicles</b>														
Emergency Response Vehicle (ERV)			9315	21	444									
New Equipment Training for ERV			49											
Contractor Field Services Representative			432											
<b>SUBTOTAL for ERV</b>			<b>9796</b>											
InfraLynx Vehicle			2277	2	1139									
New Equipment Training for InfraLynx			13											
Contractor Field Services Representative			117											
<b>SUBTOTAL for InfraLynx</b>			<b>2407</b>											
Mobile Command Center (MCC) Vehicle			2165	2	1083									
New Equipment Training for MCC			12											
Contractor Field Services Representative			111											
<b>SUBTOTAL for MCC</b>			<b>2288</b>											
Advance Liaison Vehicle (ADVON)														
Materiel to Complete ADVON			1193	3	398									
Integration of Systems			559											
Engineering Support			99											
<b>SUBTOTAL for ADVON</b>			<b>1851</b>											
Unified Command Suite (UCS) Vehicle														
Materiel to Complete UCS			1191	1	1191									
Integration of Systems			1004											
<b>SUBTOTAL for UCS</b>			<b>2195</b>											
<b>TOTAL for Command and Control Vehicles</b>			<b>18537</b>											
<b>Other General Purpose Vehicles</b>														
Other General Purpose Vehicles			451	7	64	1941	41	47	1500	32	47	1500	32	47
<b>Total:</b>			<b>18988</b>			<b>1941</b>			<b>1500</b>			<b>1500</b>		



## Exhibit P-5a, Budget Procurement History and Planning

Date:  
February 2007

Appropriation/Budget Activity/Serial No: Other Procurement, Army/ 1/ Tactical and support vehicles	Weapon System Type:	P-1 Line Item Nomenclature: GENERAL PURPOSE VEHICLES (DV0013)								
WBS Cost Elements:	Contractor and Location	Contract Method and Type	Location of PCO	Award Date	Date of First Delivery	QTY Units	Unit Cost \$000	Specs Avail Now?	Date Revsn Avail	RFP Issue Date
<b>Emergency Response Vehicle (ERV)</b> FY 2006	Wolf Coach Inc. Auburn, MA	SS/FP	TACOM, Warren, MI	May 06	Aug 06	21	444	Yes	NA	
<b>InfraLynx Vehicle</b> FY 2006	Wolf Coach Inc. Auburn, MA	SS/FP	TACOM, Warren, MI	May 06	Aug 06	2	1139	Yes	NA	
<b>Mobile Command Center (MCC) Vehicle</b> FY 2006	Wolf Coach Inc. Auburn, MA	SS/FP	TACOM, Warren, MI	Jul 06	Dec 06	2	1083	Yes	NA	
<b>Materiel to Complete ADVON</b> FY 2006	NAWCAD St. Inigoes, MD	MIPR/FP	NAWCAD, St. Inigoes, MD	Dec 06	Jun 07	3	398	Yes	NA	
<b>Materiel to Complete UCS</b> FY 2006	NAWCAD St. Inigoes, MD	MIPR/FP	NAWCAD, St. Inigoes, MD	Feb 07	Dec 07	1	1191	No	NA	
<b>Other General Purpose Vehicles</b> FY 2006	See Remarks See Remarks	MIPR/FP	See Remarks	Sep 06	Jan 07	7	64	Yes	NA	
FY 2007	TBS TBS	MIPR/FP	GSA Arlington, VA	Mar 07	Jul 07	41	47	No	NA	
FY 2008	TBS TBS	MIPR/FP	GSA Arlington, VA	Mar 08	Jul 08	32	47	No	NA	
FY 2009	TBS TBS	MIPR/FP	GSA Arlington, VA	Mar 09	Jul 09	32	47	No	NA	

REMARKS: There are multiple contractors and PCOs for 'Other General Purpose Vehicles' in FY06. The main contract method was MIPR.

The primary PCO for General Purpose Vehicles is the General Services Administration (GSA). However, GSA is not the PCO for requirements that are procured overseas. Other PCO sources are sometimes utilized, such as the US Army TACOM Life Cycle Management Command and the Defense Logistics Agency (DLA), to procure vehicles that are not available from the GSA.

NAWCAD stands for the Naval Air Warfare Center Aircraft Division, located in St. Inigoes, MD. NAWCAD is serving as the PCO for the ADVON and USC vehicles. There are several types and sources of materiel to complete the ADVON and UCS vehicles. Production of the vehicles will occur at the NAWCAD facility, with NAWCAD providing all technical management for design, development and production. For all these reasons, NAWCAD is shown as the contractor for these vehicles.

FY 06 / 07 BUDGET PRODUCTION SCHEDULE														P-1 ITEM NOMENCLATURE GENERAL PURPOSE VEHICLES (DV0013)										Date: February 2007																										
COST ELEMENTS						Fiscal Year 06													Fiscal Year 07																															
M F R	FY	S E R V	PROC QTY Units	ACCEP PRIOR TO 1 OCT	BAL DUE AS OF 1 OCT	Calendar Year 06													Calendar Year 07													Later																		
						O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P																					
Emergency Response Vehicle (ERV)																																																		
3	FY 06		21	0	21											A			3	3	3	4	3	3							2				0															
InfraLynx Vehicle																																																		
3	FY 06		2	0	2											A			1	1															0															
Mobile Command Center (MCC) Vehicle																																																		
3	FY 06		2	0	2											A									2										0															
Materiel to Complete ADVON																																																		
4	FY 06		3	0	3																						A							3		0														
Materiel to Complete UCS																																																		
4	FY 06	A	1	0	1																							A							1															
Other General Purpose Vehicles																																																		
2	FY 06	A	7	0	7																													5	1	1	0													
1	FY 07	A	41	0	41																														A	2	6	8	25											
1	FY 08	A	32	0	32																																32													
1	FY 09	A	32	0	32																																32													
Total			141		141																															4	4	3	4	5	8	1			1	5	2	6	8	90
						O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P																					
M F R	Name - Location					PRODUCTION RATES			Reached D+	MFR	ADMIN LEAD TIME		MFR After 1 Oct	TOTAL After 1 Oct	REMARKS																																			
						MIN	1-8-5	MAX			Prior 1 Oct	After 1 Oct																																						
										Initial				Numerous contractors are available for General Purpose Vehicles. These contractors typically have multi-product commercial lines. Administrative lead averages 1-4 months. Production leadtime ranges between 4-11 months, depending on the type of vehicle.																																				
										Reorder																																								
										Initial																																								
										Reorder																																								
										Initial																																								
										Reorder																																								
										Initial																																								
										Reorder																																								
										Initial																																								
										Reorder																																								
										Initial																																								
										Reorder																																								

<b>FY 08 / 09 BUDGET PRODUCTION SCHEDULE</b>	P-1 ITEM NOMENCLATURE GENERAL PURPOSE VEHICLES (DV0013)	Date: February 2007
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COST ELEMENTS						Fiscal Year 08														Fiscal Year 09										Later
M F R	FY	S E R V	PROC QTY Units	ACCEP PRIOR TO 1 OCT	BAL DUE AS OF 1 OCT	Calendar Year 08														Calendar Year 09										
						O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	
Emergency Response Vehicle (ERV)																														
3	FY 06		21	21																								0		
InfraLynx Vehicle																														
3	FY 06		2	2																								0		
Mobile Command Center (MCC) Vehicle																														
3	FY 06		2	2																								0		
Materiel to Complete ADVON																														
4	FY 06		3	3																								0		
Materiel to Complete UCS																														
4	FY 06	A	1	0	1			1																				0		
Other General Purpose Vehicles																														
2	FY 06	A	7	7																								0		
1	FY 07	A	41	16	25	8	6	7	2	2																		0		
1	FY 08	A	32	0	32					A				6	9	8	3	2	2	2								0		
1	FY 09	A	32	0	32																				A		6	9	8	9
<b>Total</b>																														
			141	51	90	8	6	8	2	2				6	9	8	3	2	2	2							6	9	8	9
						O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	

M F R	Name - Location	PRODUCTION RATES			Reached D+	MFR	ADMIN LEAD TIME		MFR After 1 Oct	TOTAL After 1 Oct	REMARKS
		MIN	1-8-5	MAX			Prior 1 Oct	After 1 Oct			
										Numerous contractors are available for General Purpose Vehicles. These contractors typically have multi-product commercial lines. Administrative lead averages 1-4 months. Production leadtime ranges between 4-11 months, depending on the type of vehicle.	
						Initial					
						Reorder					
						Initial					
						Reorder					
						Initial					
						Reorder					
						Initial					
						Reorder					

<b>FY 10 / 11 BUDGET PRODUCTION SCHEDULE</b>	P-1 ITEM NOMENCLATURE GENERAL PURPOSE VEHICLES (DV0013)	Date: February 2007
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COST ELEMENTS						Fiscal Year 10													Fiscal Year 11													Later
M F R	FY	S E R V	PROC QTY Units	ACCEP PRIOR TO 1 OCT	BAL DUE AS OF 1 OCT	Calendar Year 10													Calendar Year 11													
						O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P			
Emergency Response Vehicle (ERV)																																
3	FY 06		21	21																									0			
InfraLynx Vehicle																																
3	FY 06		2	2																									0			
Mobile Command Center (MCC) Vehicle																																
3	FY 06		2	2																									0			
Materiel to Complete ADVON																																
4	FY 06		3	3																									0			
Materiel to Complete UCS																																
4	FY 06	A	1	1																									0			
Other General Purpose Vehicles																																
2	FY 06	A	7	7																									0			
1	FY 07	A	41	41																									0			
1	FY 08	A	32	32																									0			
1	FY 09	A	32	23	9	3	2	2	2																				0			
<b>Total</b>																																
			141	132	9	3	2	2	2																							
						O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P			

M F R	Name - Location	PRODUCTION RATES			Reached D+	MFR	ADMIN LEAD TIME		MFR After 1 Oct	TOTAL After 1 Oct	REMARKS
		MIN	1-8-5	MAX			Prior 1 Oct	After 1 Oct			
						Initial				Numerous contractors are available for General Purpose Vehicles. These contractors typically have multi-product commercial lines. Administrative lead averages 1-4 months. Production leadtime ranges between 4-11 months, depending on the type of vehicle.	
						Reorder					
						Initial					
						Reorder					
						Initial					
						Reorder					
						Initial					
						Reorder					
						Initial					
						Reorder					
						Initial					
						Reorder					

**Exhibit P-40, Budget Item Justification Sheet**

Date: February 2007

Appropriation / Budget Activity / Serial No:  
Other Procurement, Army / 1 / Tactical and support vehicles

P-1 Item Nomenclature  
SPECIAL PURPOSE VEHICLES (DV0014)

Program Elements for Code B Items:

Code:  
A

Other Related Program Elements:

	Prior Years	FY 2006	FY 2007	FY 2008	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	To Complete	Total Prog
Proc Qty	15578	1	4	11	10	10	10	10	12		15646
Gross Cost	299.0	0.1	0.7	1.6	1.6	1.6	1.6	1.6	1.9		309.6
Less PY Adv Proc											
Plus CY Adv Proc											
Net Proc P1	299.0	0.1	0.7	1.6	1.6	1.6	1.6	1.6	1.9		309.6
Initial Spares											
Total Proc Cost	299.0	0.1	0.7	1.6	1.6	1.6	1.6	1.6	1.9		309.6
Flyaway U/C											
Weapon System Proc U/C	0.0	0.1	0.2	0.1	0.2	0.2	0.2	0.2	0.2		1.2

**Description:**

Vehicles are commercially designed for specialized use in direct support of facility engineering, maintenance and similar activities within an organization. Examples of these vehicles include maintenance trucks, servicing platform trucks, refuse trucks, and other vehicles with mounted equipment. Line construction maintenance trucks, otherwise known as Pole trucks, are being used to support operations in Iraq and Afghanistan.

**Justification:**

FY08/09 procures 21 Special Purpose Vehicles to replace overaged vehicles in poor condition and to fill shortages. Most Special Purpose Vehicles are not available from General Services Administration (GSA) to lease; therefore, support to the servicing, sanitation, and welfare missions of the field must be provided by procurement. Service platform trucks, line construction trucks, maintenance trucks, and refuse trucks are required to continue the engineering support mission necessary to the operation of posts, camps, and stations worldwide.