

UNCLASSIFIED

**Department of Defense
Fiscal Year (FY) 2017 Request for Additional Appropriations**

March 2017



Army

*Justification Book of
Procurement of W&TCV, Army*

UNCLASSIFIED

PROCUREMENT OF WEAPONS AND TRACKED COMBAT VEHICLES, ARMY

APPROPRIATION LANGUAGE

For construction, procurement, production, and modification of weapons and tracked combat vehicles, equipment, including ordnance, spare parts, and accessories therefore; specialized equipment and training devices; expansion of public and private plants, including the land necessary therefore, for the foregoing purposes, and such lands and interests therein, may be acquired, and construction prosecuted thereon prior to approval of title; and procurement and installation of equipment, appliances, and machine tools in public and private plants; reserve plant and government and contractor-owned equipment layaway; and other expenses necessary for the foregoing purposes, \$3,169,239.00 to remain available for obligation until September 30, 2019.

COST STATEMENT

The following Justification Books were prepared at a cost of \$69,900: Aircraft (ACFT), Missile (MSLS), Weapons & Tracked Combat Vehicles (WTCV), Ammunition (AMMO), Other Procurement Army (OPA) 2 - Communications & Electronics, Other Procurement Army (OPA) 3 & 4 - Other Support Equipment & Spares, Research, Development, Test and Evaluation (RDTE) for: Budget Activity 3, Budget Activity 4, Budget Activity 5A, Budget Activity 5B, Budget Activity 6, and Budget Activity 7.

UNCLASSIFIED

Department of the Army
 March Budget Amendment to the FY 2017 President's Budget Request for BASE + Overseas Contingency Operations (OCO)
 Exhibit P-1 March Budget Amendment to the FY 2017 President's Budget Request for BASE + Overseas Contingency Operations (OCO)
 Total Obligational Authority
 (Dollars in Thousands) 15 Mar 2017

| Appropriation ----- | FY 2017 PB Request Base ----- | FY 2017 Mar Amended Request Base ----- | FY 2017 Revised PB Request Base ----- |
|------------------------------|--|--|---|
| Procurement of W&TCV, Army | 2,265,177 | 750,518 | 3,015,695 |
| Total Department of the Army | 2,265,177 | 750,518 | 3,015,695 |

UNCLASSIFIED

Department of the Army
 March Budget Amendment to the FY 2017 President's Budget Request for BASE + Overseas Contingency Operations (OCO)
 Exhibit P-1 March Budget Amendment to the FY 2017 President's Budget Request for BASE + Overseas Contingency Operations (OCO)
 Total Obligational Authority
 (Dollars in Thousands) 15 Mar 2017

| Appropriation ----- | FY 2017 PB Request OCO ----- | FY 2017 Nov Amended Request OCO ----- | FY 2017 Mar Amended Request OCO ----- | FY 2017 Total OCO Request ----- |
|------------------------------|---------------------------------------|---|---|--|
| Procurement of W&TCV, Army | 153,544 | | | 153,544 |
| Total Department of the Army | 153,544 | | | 153,544 |

UNCLASSIFIED

Department of the Army
 March Budget Amendment to the FY 2017 President's Budget Request for BASE + Overseas Contingency Operations (OCO)
 Exhibit P-1 March Budget Amendment to the FY 2017 President's Budget Request for BASE + Overseas Contingency Operations (OCO)
 Total Obligational Authority 15 Mar 2017
 (Dollars in Thousands)

| Appropriation | FY 2017 Less Enacted Div.B,P.L. 114-254 OCO | FY 2017 Remaining PB Request OCO |
|------------------------------|---|---|
| ----- | ----- | ----- |
| Procurement of W&TCV, Army | | 153,544 |
| Total Department of the Army | | 153,544 |

UNCLASSIFIED

Department of the Army
 March Budget Amendment to the FY 2017 President's Budget Request for BASE + Overseas Contingency Operations (OCO)
 Exhibit P-1 March Budget Amendment to the FY 2017 President's Budget Request for BASE + Overseas Contingency Operations (OCO)
 Total Obligational Authority
 (Dollars in Thousands)

15 Mar 2017

| Appropriation | FY 2017 PB Request wNov Amend Less Enacted PL 114-254 Base+OCO | FY 2017 Mar Amended Request Base+OCO | FY 2017 PB Remaining Base+OCO |
|------------------------------|---|---|-------------------------------------|
| Procurement of W&TCV, Army | 2,418,721 | 750,518 | 3,169,239 |
| Total Department of the Army | 2,418,721 | 750,518 | 3,169,239 |

UNCLASSIFIED

Department of the Army
 March Budget Amendment to the FY 2017 President's Budget Request for BASE + Overseas Contingency Operations (OCO)
 Exhibit P-1 March Budget Amendment to the FY 2017 President's Budget Request for BASE + Overseas Contingency Operations (OCO)
 Total Obligational Authority
 (Dollars in Thousands)

15 Mar 2017

Appropriation: Procurement of W&TCV, Army

| Budget Activity | FY 2017 PB Request Base | FY 2017 Mar Amended Request Base | FY 2017 Revised PB Request Base |
|---------------------------------------|-------------------------------|---|--|
| 01. Tracked Combat Vehicles | 2,051,424 | 686,933 | 2,738,357 |
| 02. Weapons and Other Combat Vehicles | 213,753 | 63,585 | 277,338 |
| Total Procurement of W&TCV, Army | 2,265,177 | 750,518 | 3,015,695 |

UNCLASSIFIED

Department of the Army
 March Budget Amendment to the FY 2017 President's Budget Request for BASE + Overseas Contingency Operations (OCO)
 Exhibit P-1 March Budget Amendment to the FY 2017 President's Budget Request for BASE + Overseas Contingency Operations (OCO)
 Total Obligational Authority
 (Dollars in Thousands) 15 Mar 2017

Appropriation: Procurement of W&TCV, Army

| Budget Activity | FY 2017 PB Request OCO | FY 2017 Nov Amended Request OCO | FY 2017 Mar Amended Request OCO | FY 2017 Total OCO Request |
|---------------------------------------|------------------------------|--|--|---------------------------------|
| 01. Tracked Combat Vehicles | 131,134 | | | 131,134 |
| 02. Weapons and Other Combat Vehicles | 22,410 | | | 22,410 |
| Total Procurement of W&TCV, Army | 153,544 | | | 153,544 |

UNCLASSIFIED

Department of the Army
 March Budget Amendment to the FY 2017 President's Budget Request for BASE + Overseas Contingency Operations (OCO)
 Exhibit P-1 March Budget Amendment to the FY 2017 President's Budget Request for BASE + Overseas Contingency Operations (OCO)
 Total Obligational Authority
 (Dollars in Thousands) 15 Mar 2017

Appropriation: Procurement of W&TCV, Army

| Budget Activity | FY 2017 Less Enacted Div.B,P.L. 114-254 OCO | FY 2017 Remaining PB Request OCO |
|---------------------------------------|---|---|
| ----- | ----- | ----- |
| 01. Tracked Combat Vehicles | | 131,134 |
| 02. Weapons and Other Combat Vehicles | | 22,410 |
| Total Procurement of W&TCV, Army | | 153,544 |

UNCLASSIFIED

Department of the Army

March Budget Amendment to the FY 2017 President's Budget Request for BASE + Overseas Contingency Operations (OCO)
 Exhibit P-1 March Budget Amendment to the FY 2017 President's Budget Request for BASE + Overseas Contingency Operations (OCO)

Total Obligational Authority
 (Dollars in Thousands)

15 Mar 2017

Appropriation: Procurement of W&TCV, Army

| Budget Activity | FY 2017 PB Request wNov Amend Less Enacted PL 114-254 Base+OCO | FY 2017 Mar Amended Request Base+OCO | FY 2017 PB Remaining Base+OCO |
|---------------------------------------|---|---|-------------------------------------|
| 01. Tracked Combat Vehicles | 2,182,558 | 686,933 | 2,869,491 |
| 02. Weapons and Other Combat Vehicles | 236,163 | 63,585 | 299,748 |
| Total Procurement of W&TCV, Army | 2,418,721 | 750,518 | 3,169,239 |

UNCLASSIFIED

Department of the Army
 March Budget Amendment to the FY 2017 President's Budget Request for BASE + Overseas Contingency Operations (OCO)
 Exhibit P-1 March Budget Amendment to the FY 2017 President's Budget Request for BASE + Overseas Contingency Operations (OCO)
 Total Obligational Authority
 (Dollars in Thousands)

15 Mar 2017

Appropriation: 2033A Procurement of W&TCV, Army

| Line No | Item Nomenclature | Ident Code | FY 2017 PB Request Base | | FY 2017 Mar Amended Request Base | | FY 2017 Revised PB Request Base | | S e c | |
|--|--|---------------|-------------------------------|-----------|---|---------|--|-----------|-------------|--|
| | | | Quantity | Cost | Quantity | Cost | Quantity | Cost | | |
| <u>Budget Activity 01: Tracked Combat Vehicles</u> | | | | | | | | | | |
| Tracked Combat Vehicles | | | | | | | | | | |
| 1 | Abrams Upgrade Program | A | | | 27 | 330,000 | 27 | 330,000 | U | |
| 2 | Stryker Vehicle | | | 71,680 | | | | 71,680 | U | |
| Modification of Tracked Combat Vehicles | | | | | | | | | | |
| 3 | Stryker (MOD) | A | | 74,348 | | 8,333 | | 82,681 | U | |
| 4 | Stryker Upgrade | A | | 444,561 | | | | 444,561 | U | |
| 5 | Bradley Program (MOD) | A | | 276,433 | | 213,600 | | 490,033 | U | |
| 6 | M109 FOV Modifications | A | | 63,138 | | | | 63,138 | U | |
| 7 | Paladin Integrated Management (PIM) | A | 36 | 469,305 | | | 36 | 469,305 | U | |
| 8 | Improved Recovery Vehicle (M88A2 Hercules) | A | 22 | 91,963 | 39 | 135,000 | 61 | 226,963 | U | |
| 9 | Assault Bridge (Mod) | | | 3,465 | | | | 3,465 | U | |
| 10 | Assault Breacher Vehicle | A | | 2,928 | | | | 2,928 | U | |
| 11 | M88 FOV MODS | A | | 8,685 | | | | 8,685 | U | |
| 12 | Joint Assault Bridge | A | 9 | 64,752 | | | 9 | 64,752 | U | |
| 13 | M1 Abrams Tank (MOD) | A | | 480,166 | | | | 480,166 | U | |
| Total Tracked Combat Vehicles | | | | 2,051,424 | | 686,933 | | 2,738,357 | | |

UNCLASSIFIED

Department of the Army
 March Budget Amendment to the FY 2017 President's Budget Request for BASE + Overseas Contingency Operations (OCO)
 Exhibit P-1 March Budget Amendment to the FY 2017 President's Budget Request for BASE + Overseas Contingency Operations (OCO)
 Total Obligational Authority
 (Dollars in Thousands) 15 Mar 2017

Appropriation: 2033A Procurement of W&TCV, Army

| Line No | Item Nomenclature | Ident Code | FY 2017 PB Request OCO | | FY 2017 Nov Amended Request OCO | | FY 2017 Mar Amended Request OCO | | FY 2017 Total OCO Request | | S e c |
|--|--|------------|------------------------|---------|---------------------------------|------|---------------------------------|------|---------------------------|---------|-------|
| | | | Quantity | Cost | Quantity | Cost | Quantity | Cost | Quantity | Cost | |
| <u>Budget Activity 01: Tracked Combat Vehicles</u> | | | | | | | | | | | |
| Tracked Combat Vehicles | | | | | | | | | | | |
| 1 | Abrams Upgrade Program | A | | | | | | | | | U |
| 2 | Stryker Vehicle | | | | | | | | | | U |
| Modification of Tracked Combat Vehicles | | | | | | | | | | | |
| 3 | Stryker (MOD) | A | | | | | | | | | U |
| 4 | Stryker Upgrade | A | | | | | | | | | U |
| 5 | Bradley Program (MOD) | A | | | | | | | | | U |
| 6 | M109 FOV Modifications | A | | | | | | | | | U |
| 7 | Paladin Integrated Management (PIM) | A | 12 | 125,184 | | | | | 12 | 125,184 | U |
| 8 | Improved Recovery Vehicle (M88A2 Hercules) | A | | | | | | | | | U |
| 9 | Assault Bridge (Mod) | | | 5,950 | | | | | | 5,950 | U |
| 10 | Assault Breacher Vehicle | A | | | | | | | | | U |
| 11 | M88 FOV MODS | A | | | | | | | | | U |
| 12 | Joint Assault Bridge | A | | | | | | | | | U |
| 13 | M1 Abrams Tank (MOD) | A | | | | | | | | | U |
| Total Tracked Combat Vehicles | | | | | | | | | | | |
| | | | | | | | | | | 131,134 | |

UNCLASSIFIED

Department of the Army
 March Budget Amendment to the FY 2017 President's Budget Request for BASE + Overseas Contingency Operations (OCO)
 Exhibit P-1 March Budget Amendment to the FY 2017 President's Budget Request for BASE + Overseas Contingency Operations (OCO)
 Total Obligational Authority
 (Dollars in Thousands)

15 Mar 2017

Appropriation: 2033A Procurement of W&TCV, Army

| Line No | Item Nomenclature | Ident Code | FY 2017 Less Enacted Div.B,P.L. 114-254 OCO | | FY 2017 Remaining PB Request OCO | | S e c |
|--|--|---------------|---|------|---|---------|-------------|
| | | | Quantity | Cost | Quantity | Cost | |
| <u>Budget Activity 01: Tracked Combat Vehicles</u> | | | | | | | |
| Tracked Combat Vehicles | | | | | | | |
| 1 | Abrams Upgrade Program | A | | | | | U |
| 2 | Stryker Vehicle | | | | | | U |
| Modification of Tracked Combat Vehicles | | | | | | | |
| 3 | Stryker (MOD) | A | | | | | U |
| 4 | Stryker Upgrade | A | | | | | U |
| 5 | Bradley Program (MOD) | A | | | | | U |
| 6 | M109 FOV Modifications | A | | | | | U |
| 7 | Paladin Integrated Management (PIM) | A | | | 12 | 125,184 | U |
| 8 | Improved Recovery Vehicle (M88A2 Hercules) | A | | | | | U |
| 9 | Assault Bridge (Mod) | | | | | 5,950 | U |
| 10 | Assault Breacher Vehicle | A | | | | | U |
| 11 | M88 FOV MODS | A | | | | | U |
| 12 | Joint Assault Bridge | A | | | | | U |
| 13 | M1 Abrams Tank (MOD) | A | | | | | U |
| Total Tracked Combat Vehicles | | | | | | 131,134 | |

P-1AMF: Budget Amendment to the FY 2017 President's Budget Request (Published Version), as of March 15, 2017 at 07:27:50

UNCLASSIFIED

Department of the Army
 March Budget Amendment to the FY 2017 President's Budget Request for BASE + Overseas Contingency Operations (OCO)
 Exhibit P-1 March Budget Amendment to the FY 2017 President's Budget Request for BASE + Overseas Contingency Operations (OCO)
 Total Obligational Authority
 (Dollars in Thousands)

15 Mar 2017

Appropriation: 2033A Procurement of W&TCV, Army

| Line No | Item Nomenclature | Ident Code | FY 2017 PB Request wNov Amend Less Enacted PL 114-254 Base+OCO | | FY 2017 Mar Amended Request Base+OCO | | FY 2017 PB Remaining Base+OCO | | S e c | |
|--|--|---------------|---|-----------|---|---------|-------------------------------------|-----------|-------------|--|
| | | | Quantity | Cost | Quantity | Cost | Quantity | Cost | | |
| <u>Budget Activity 01: Tracked Combat Vehicles</u> | | | | | | | | | | |
| Tracked Combat Vehicles | | | | | | | | | | |
| 1 | Abrams Upgrade Program | A | | | 27 | 330,000 | 27 | 330,000 | U | |
| 2 | Stryker Vehicle | | | 71,680 | | | | 71,680 | U | |
| Modification of Tracked Combat Vehicles | | | | | | | | | | |
| 3 | Stryker (MOD) | A | | 74,348 | | 8,333 | | 82,681 | U | |
| 4 | Stryker Upgrade | A | | 444,561 | | | | 444,561 | U | |
| 5 | Bradley Program (MOD) | A | | 276,433 | | 213,600 | | 490,033 | U | |
| 6 | M109 FOV Modifications | A | | 63,138 | | | | 63,138 | U | |
| 7 | Paladin Integrated Management (PIM) | A | 48 | 594,489 | | | 48 | 594,489 | U | |
| 8 | Improved Recovery Vehicle (M88A2 Hercules) | A | 22 | 91,963 | 39 | 135,000 | 61 | 226,963 | U | |
| 9 | Assault Bridge (Mod) | | | 9,415 | | | | 9,415 | U | |
| 10 | Assault Breacher Vehicle | A | | 2,928 | | | | 2,928 | U | |
| 11 | M88 FOV MODS | A | | 8,685 | | | | 8,685 | U | |
| 12 | Joint Assault Bridge | A | 9 | 64,752 | | | 9 | 64,752 | U | |
| 13 | M1 Abrams Tank (MOD) | A | | 480,166 | | | | 480,166 | U | |
| Total Tracked Combat Vehicles | | | | 2,182,558 | | 686,933 | | 2,869,491 | | |

P-1AMF: Budget Amendment to the FY 2017 President's Budget Request (Published Version), as of March 15, 2017 at 07:27:50

UNCLASSIFIED

Department of the Army
 March Budget Amendment to the FY 2017 President's Budget Request for BASE + Overseas Contingency Operations (OCO)
 Exhibit P-1 March Budget Amendment to the FY 2017 President's Budget Request for BASE + Overseas Contingency Operations (OCO)
 Total Obligational Authority
 (Dollars in Thousands) 15 Mar 2017

Appropriation: 2033A Procurement of W&TCV, Army

| Line No | Item Nomenclature | Ident Code | FY 2017 PB Request Base | | FY 2017 Mar Amended Request Base | | FY 2017 Revised PB Request Base | | S e c |
|--|---|------------|-------------------------|--------|----------------------------------|------|---------------------------------|--------|-------|
| | | | Quantity | Cost | Quantity | Cost | Quantity | Cost | |
| <u>Budget Activity 02: Weapons and Other Combat Vehicles</u> | | | | | | | | | |
| Weapons & Other Combat Vehicles | | | | | | | | | |
| 14 | Integrated Air Burst Weapon System Family | A | | 9,764 | | | | 9,764 | U |
| 15 | Mortar Systems | | | 8,332 | 8,200 | | | 16,532 | U |
| 16 | XM320 Grenade Launcher Module (GLM) | A | | 3,062 | | | | 3,062 | U |
| 17 | Compact Semi-Automatic Sniper System | A | | 992 | | | | 992 | U |
| 18 | Carbine | A | | 40,493 | | | | 40,493 | U |
| 19 | Common Remotely Operated Weapons Station | | | 25,164 | | | | 25,164 | U |
| 20 | Handgun | A | | | 2,500 | | | 2,500 | U |
| Mod of Weapons and Other Combat Veh | | | | | | | | | |
| 21 | MK-19 Grenade Machine Gun Mods | | | 4,959 | | | | 4,959 | U |
| 22 | M777 Mods | A | | 11,913 | 21,687 | | | 33,600 | U |
| 23 | M4 Carbine Mods | A | | 29,752 | | | | 29,752 | U |
| 24 | M2 50 Cal Machine Gun Mods | B | | 48,582 | | | | 48,582 | U |
| 25 | M249 Saw Machine Gun Mods | | | 1,179 | | | | 1,179 | U |
| 26 | M240 Medium Machine Gun Mods | A | | 1,784 | | | | 1,784 | U |
| 27 | Sniper Rifles Modifications | | | 971 | | | | 971 | U |
| 28 | M119 Modifications | A | | 6,045 | 31,198 | | | 37,243 | U |
| 29 | Mortar Modification | A | | 12,118 | | | | 12,118 | U |

P-1AMF: Budget Amendment to the FY 2017 President's Budget Request (Published Version), as of March 15, 2017 at 07:27:50

UNCLASSIFIED

Department of the Army
 March Budget Amendment to the FY 2017 President's Budget Request for BASE + Overseas Contingency Operations (OCO)
 Exhibit P-1 March Budget Amendment to the FY 2017 President's Budget Request for BASE + Overseas Contingency Operations (OCO)
 Total Obligational Authority
 (Dollars in Thousands) 15 Mar 2017

Appropriation: 2033A Procurement of W&TCV, Army

| Line No | Item Nomenclature | Ident Code | FY 2017 PB Request OCO | | FY 2017 Nov Amended Request OCO | | FY 2017 Mar Amended Request OCO | | FY 2017 Total OCO Request | | S e c |
|---|---|------------|------------------------|--------|---------------------------------|------|---------------------------------|------|---------------------------|--------|-------|
| | | | Quantity | Cost | Quantity | Cost | Quantity | Cost | Quantity | Cost | |
| Budget Activity 02: Weapons and Other Combat Vehicles | | | | | | | | | | | |
| Weapons & Other Combat Vehicles | | | | | | | | | | | |
| 14 | Integrated Air Burst Weapon System Family | A | | | | | | | | | U |
| 15 | Mortar Systems | | | 22,410 | | | | | | 22,410 | U |
| 16 | XM320 Grenade Launcher Module (GLM) | A | | | | | | | | | U |
| 17 | Compact Semi-Automatic Sniper System | A | | | | | | | | | U |
| 18 | Carbine | A | | | | | | | | | U |
| 19 | Common Remotely Operated Weapons Station | | | | | | | | | | U |
| 20 | Handgun | A | | | | | | | | | U |
| Mod of Weapons and Other Combat Veh | | | | | | | | | | | |
| 21 | MK-19 Grenade Machine Gun Mods | | | | | | | | | | U |
| 22 | M777 Mods | A | | | | | | | | | U |
| 23 | M4 Carbine Mods | A | | | | | | | | | U |
| 24 | M2 50 Cal Machine Gun Mods | B | | | | | | | | | U |
| 25 | M249 Saw Machine Gun Mods | | | | | | | | | | U |
| 26 | M240 Medium Machine Gun Mods | A | | | | | | | | | U |
| 27 | Sniper Rifles Modifications | | | | | | | | | | U |
| 28 | M119 Modifications | A | | | | | | | | | U |
| 29 | Mortar Modification | A | | | | | | | | | U |

UNCLASSIFIED

Department of the Army
 March Budget Amendment to the FY 2017 President's Budget Request for BASE + Overseas Contingency Operations (OCO)
 Exhibit P-1 March Budget Amendment to the FY 2017 President's Budget Request for BASE + Overseas Contingency Operations (OCO)
 Total Obligational Authority
 (Dollars in Thousands) 15 Mar 2017

Appropriation: 2033A Procurement of W&TCV, Army

| Line No | Item Nomenclature | Ident Code | FY 2017 Less Enacted Div.B,P.L. 114-254 OCO | | FY 2017 Remaining PB Request OCO | | S e c - |
|--|---|------------|---|------|---|------|------------------|
| | | | Quantity | Cost | Quantity | Cost | |
| <u>Budget Activity 02: Weapons and Other Combat Vehicles</u> | | | | | | | |
| Weapons & Other Combat Vehicles | | | | | | | |
| 14 | Integrated Air Burst Weapon System Family | A | | | | | U |
| 15 | Mortar Systems | | | | 22,410 | | U |
| 16 | XM320 Grenade Launcher Module (GLM) | A | | | | | U |
| 17 | Compact Semi-Automatic Sniper System | A | | | | | U |
| 18 | Carbine | A | | | | | U |
| 19 | Common Remotely Operated Weapons Station | | | | | | U |
| 20 | Handgun | A | | | | | U |
| Mod of Weapons and Other Combat Veh | | | | | | | |
| 21 | MK-19 Grenade Machine Gun Mods | | | | | | U |
| 22 | M777 Mods | A | | | | | U |
| 23 | M4 Carbine Mods | A | | | | | U |
| 24 | M2 50 Cal Machine Gun Mods | B | | | | | U |
| 25 | M249 Saw Machine Gun Mods | | | | | | U |
| 26 | M240 Medium Machine Gun Mods | A | | | | | U |
| 27 | Sniper Rifles Modifications | | | | | | U |
| 28 | M119 Modifications | A | | | | | U |
| 29 | Mortar Modification | A | | | | | U |

P-1AMF: Budget Amendment to the FY 2017 President's Budget Request (Published Version), as of March 15, 2017 at 07:27:50

UNCLASSIFIED

Department of the Army
 March Budget Amendment to the FY 2017 President's Budget Request for BASE + Overseas Contingency Operations (OCO)
 Exhibit P-1 March Budget Amendment to the FY 2017 President's Budget Request for BASE + Overseas Contingency Operations (OCO)
 Total Obligational Authority
 (Dollars in Thousands)

15 Mar 2017

Appropriation: 2033A Procurement of W&TCV, Army

| Line No | Item Nomenclature | Ident Code | FY 2017 PB Request wNov Amend Less Enacted PL 114-254 Base+OCO | | FY 2017 Mar Amended Request Base+OCO | | FY 2017 PB Remaining Base+OCO | | S e c | |
|--|---|------------|---|--------|---|--------|-------------------------------------|------|-------------|--|
| | | | Quantity | Cost | Quantity | Cost | Quantity | Cost | | |
| <u>Budget Activity 02: Weapons and Other Combat Vehicles</u> | | | | | | | | | | |
| Weapons & Other Combat Vehicles | | | | | | | | | | |
| 14 | Integrated Air Burst Weapon System Family | A | | 9,764 | | | 9,764 | | U | |
| 15 | Mortar Systems | | | 30,742 | | 8,200 | 38,942 | | U | |
| 16 | XM320 Grenade Launcher Module (GLM) | A | | 3,062 | | | 3,062 | | U | |
| 17 | Compact Semi-Automatic Sniper System | A | | 992 | | | 992 | | U | |
| 18 | Carbine | A | | 40,493 | | | 40,493 | | U | |
| 19 | Common Remotely Operated Weapons Station | | | 25,164 | | | 25,164 | | U | |
| 20 | Handgun | A | | | | 2,500 | 2,500 | | U | |
| Mod of Weapons and Other Combat Veh | | | | | | | | | | |
| 21 | MK-19 Grenade Machine Gun Mods | | | 4,959 | | | 4,959 | | U | |
| 22 | M777 Mods | A | | 11,913 | | 21,687 | 33,600 | | U | |
| 23 | M4 Carbine Mods | A | | 29,752 | | | 29,752 | | U | |
| 24 | M2 50 Cal Machine Gun Mods | B | | 48,582 | | | 48,582 | | U | |
| 25 | M249 Saw Machine Gun Mods | | | 1,179 | | | 1,179 | | U | |
| 26 | M240 Medium Machine Gun Mods | A | | 1,784 | | | 1,784 | | U | |
| 27 | Sniper Rifles Modifications | | | 971 | | | 971 | | U | |
| 28 | M119 Modifications | A | | 6,045 | | 31,198 | 37,243 | | U | |
| 29 | Mortar Modification | A | | 12,118 | | | 12,118 | | U | |

P-1AMF: Budget Amendment to the FY 2017 President's Budget Request (Published Version), as of March 15, 2017 at 07:27:50

UNCLASSIFIED

Department of the Army
 March Budget Amendment to the FY 2017 President's Budget Request for BASE + Overseas Contingency Operations (OCO)
 Exhibit P-1 March Budget Amendment to the FY 2017 President's Budget Request for BASE + Overseas Contingency Operations (OCO)
 Total Obligational Authority
 (Dollars in Thousands)

15 Mar 2017

Appropriation: 2033A Procurement of W&TCV, Army

| Line No | Item Nomenclature | Ident Code | FY 2017 PB Request Base | | FY 2017 Mar Amended Request Base | | FY 2017 Revised PB Request Base | | S e c |
|---|--|------------|-------------------------|-----------|----------------------------------|---------|---------------------------------|-----------|-------|
| | | | Quantity | Cost | Quantity | Cost | Quantity | Cost | |
| 30 | Modifications Less Than \$5.0m (WOCV-WTCV) | | | 3,157 | | | | 3,157 | U |
| | Support Equipment & Facilities | | | | | | | | |
| 31 | Items Less Than \$5.0m (WOCV-WTCV) | | | 2,331 | | | | 2,331 | U |
| 32 | Small Arms Equipment (Soldier Enh Prog) | | | 3,155 | | | | 3,155 | U |
| Total Weapons and Other Combat Vehicles | | | | 213,753 | | 63,585 | | 277,338 | |
| Total Procurement of W&TCV, Army | | | | 2,265,177 | | 750,518 | | 3,015,695 | |

UNCLASSIFIED

Department of the Army
 March Budget Amendment to the FY 2017 President's Budget Request for BASE + Overseas Contingency Operations (OCO)
 Exhibit P-1 March Budget Amendment to the FY 2017 President's Budget Request for BASE + Overseas Contingency Operations (OCO)
 Total Obligational Authority
 (Dollars in Thousands) 15 Mar 2017

Appropriation: 2033A Procurement of W&TCV, Army

| Line No | Item Nomenclature | Ident Code | FY 2017 PB Request OCO | | FY 2017 Nov Amended Request OCO | | FY 2017 Mar Amended Request OCO | | FY 2017 Total OCO Request | | S e c - |
|---|--|------------|------------------------|---------|---------------------------------|------|---------------------------------|------|---------------------------|---------|---------|
| | | | Quantity | Cost | Quantity | Cost | Quantity | Cost | Quantity | Cost | |
| 30 | Modifications Less Than \$5.0m (WOCV-WTCV) | | | | | | | | | | U |
| | Support Equipment & Facilities | | | | | | | | | | |
| 31 | Items Less Than \$5.0m (WOCV-WTCV) | | | | | | | | | | U |
| 32 | Small Arms Equipment (Soldier Enh Prog) | | | | | | | | | | U |
| Total Weapons and Other Combat Vehicles | | | | 22,410 | | | | | | 22,410 | |
| Total Procurement of W&TCV, Army | | | | 153,544 | | | | | | 153,544 | |

UNCLASSIFIED

Department of the Army
 March Budget Amendment to the FY 2017 President's Budget Request for BASE + Overseas Contingency Operations (OCO)
 Exhibit P-1 March Budget Amendment to the FY 2017 President's Budget Request for BASE + Overseas Contingency Operations (OCO)
 Total Obligational Authority
 (Dollars in Thousands) 15 Mar 2017

Appropriation: 2033A Procurement of W&TCV, Army

| Line No | Item Nomenclature | Ident Code | FY 2017 Less Enacted Div.B,P.L. 114-254 OCO | | FY 2017 Remaining PB Request OCO | | S e c |
|---|--|------------|---|------|---|---------|-------------|
| | | | Quantity | Cost | Quantity | Cost | |
| 30 | Modifications Less Than \$5.0m (WOCV-WTCV) | | | | | | U |
| | Support Equipment & Facilities | | | | | | |
| 31 | Items Less Than \$5.0m (WOCV-WTCV) | | | | | | U |
| 32 | Small Arms Equipment (Soldier Enh Prog) | | | | | | U |
| Total Weapons and Other Combat Vehicles | | | | | | 22,410 | |
| Total Procurement of W&TCV, Army | | | | | | 153,544 | |

UNCLASSIFIED

Department of the Army
 March Budget Amendment to the FY 2017 President's Budget Request for BASE + Overseas Contingency Operations (OCO)
 Exhibit P-1 March Budget Amendment to the FY 2017 President's Budget Request for BASE + Overseas Contingency Operations (OCO)
 Total Obligational Authority
 (Dollars in Thousands) 15 Mar 2017

Appropriation: 2033A Procurement of W&TCV, Army

| Line No | Item Nomenclature | Ident Code | FY 2017 PB Request wNov Amend Less Enacted PL 114-254 Base+OCO | | FY 2017 Mar Amended Request Base+OCO | | FY 2017 PB Remaining Base+OCO | | S e c |
|---|--|------------|---|-----------|---|---------|-------------------------------------|-----------|-------------|
| | | | Quantity | Cost | Quantity | Cost | Quantity | Cost | |
| 30 | Modifications Less Than \$5.0m (WOCV-WTCV) | | | 3,157 | | | | 3,157 | U |
| | Support Equipment & Facilities | | | | | | | | |
| 31 | Items Less Than \$5.0m (WOCV-WTCV) | | | 2,331 | | | | 2,331 | U |
| 32 | Small Arms Equipment (Soldier Enh Prog) | | | 3,155 | | | | 3,155 | U |
| Total Weapons and Other Combat Vehicles | | | | 236,163 | | 63,585 | | 299,748 | |
| Total Procurement of W&TCV, Army | | | | 2,418,721 | | 750,518 | | 3,169,239 | |

UNCLASSIFIED

Army • Request for Additional Appropriations FY 2017 • Procurement

Table of Contents

Line Item Table of Contents (by Appropriation then Line Number)..... ii
Line Item Table of Contents (Alphabetically by Line Item Title)..... iii
Exhibit P-40s..... 1

UNCLASSIFIED

Army • Request for Additional Appropriations FY 2017 • Procurement

Line Item Table of Contents (by Appropriation then Line Number)

Appropriation 2033A: Procurement of W&TCV, Army

| Line # | BA | BSA | Line Item Number | Line Item Title | Page |
|---------------|-----------|------------|-------------------------|---|-------------|
| 2 | 01 | 20 | GM0100 | Stryker (Mod)..... | 1 |
| 5 | 01 | 20 | GZ2400 | Bradley Program (MOD)..... | 2 |
| 8 | 01 | 20 | GA0570 | Improved Recovery Vehicle (M88A2 HERCULES)..... | 4 |
| 14 | 01 | 20 | GA0750 | Abrams Upgrade Program..... | 6 |

Appropriation 2033A: Procurement of W&TCV, Army

| Line # | BA | BSA | Line Item Number | Line Item Title | Page |
|---------------|-----------|------------|-------------------------|-------------------------|-------------|
| 17 | 02 | 10 | G02200 | Mortar Systems..... | 7 |
| 23 | 02 | 20 | GZ1700 | M777 Mods..... | 9 |
| 29 | 02 | 20 | GC0401 | M119 Modifications..... | 11 |
| 37 | 02 | 10 | G15325 | Handgun..... | 13 |

UNCLASSIFIED

Army • Request for Additional Appropriations FY 2017 • Procurement

Line Item Table of Contents (Alphabetically by Line Item Title)

| Line Item Title | Line Item Number | Line # | BA | BSA | Page |
|--|-------------------------|---------------|-----------|------------|-------------|
| Abrams Upgrade Program | GA0750 | 14 | 01 | 20..... | 6 |
| Bradley Program (MOD) | GZ2400 | 5 | 01 | 20..... | 2 |
| Handgun | G15325 | 37 | 02 | 10..... | 13 |
| Improved Recovery Vehicle (M88A2 HERCULES) | GA0570 | 8 | 01 | 20..... | 4 |
| M119 Modifications | GC0401 | 29 | 02 | 20..... | 11 |
| M777 Mods | GZ1700 | 23 | 02 | 20..... | 9 |
| Mortar Systems | G02200 | 17 | 02 | 10..... | 7 |
| Stryker (Mod) | GM0100 | 2 | 01 | 20..... | 1 |

UNCLASSIFIED

Exhibit P-40, Budget Line Item Justification: Request for Additional Appropriations 2017 Army **Date:** March 2017

| | |
|---|--|
| Appropriation / Budget Activity / Budget Sub Activity: 2033A: Procurement of W&TCV, Army / BA 01: Tracked Combat Vehicles / BSA 20: Modification of Tracked Combat Vehicles | P-1 Line Item Number / Title: GM0100 / Stryker (Mod) |
|---|--|

| | | |
|--|---|---|
| ID Code (A=Service Ready, B=Not Service Ready): A | Program Elements for Code B Items: N/A | Other Related Program Elements: 0203735A |
|--|---|---|

Line Item MDAP/MAIS Code: N/A

| Resource Summary | Prior Years | FY 2015 | FY 2016 | FY 2017 Base | FY 2017 OCO | FY 2017 Total | FY 2018 | FY 2019 | FY 2020 | FY 2021 | To Complete | Total |
|---|----------------|---------------|----------------|---------------|-------------|---------------|---------------|----------------|----------------|----------------|------------------|------------------|
| Procurement Quantity (<i>Units in Each</i>) | - | - | - | - | - | - | - | - | - | - | - | - |
| Gross/Weapon System Cost (<i>\$ in Millions</i>) | 207.778 | 39.683 | 388.385 | 82.681 | - | 82.681 | 93.924 | 458.523 | 549.852 | 614.553 | 4,754.240 | 7,189.619 |
| Less PY Advance Procurement (<i>\$ in Millions</i>) | - | - | - | - | - | - | - | - | - | - | - | - |
| Net Procurement (P-1) (<i>\$ in Millions</i>) | 207.778 | 39.683 | 388.385 | 82.681 | - | 82.681 | 93.924 | 458.523 | 549.852 | 614.553 | 4,754.240 | 7,189.619 |
| Plus CY Advance Procurement (<i>\$ in Millions</i>) | - | - | - | - | - | - | - | - | - | - | - | - |
| Total Obligation Authority (<i>\$ in Millions</i>) | 207.778 | 39.683 | 388.385 | 82.681 | - | 82.681 | 93.924 | 458.523 | 549.852 | 614.553 | 4,754.240 | 7,189.619 |

(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)

| | | | | | | | | | | | | |
|--|---|---|---|---|---|---|---|---|---|---|---|---|
| Initial Spares (<i>\$ in Millions</i>) | - | - | - | - | - | - | - | - | - | - | - | - |
| Flyaway Unit Cost (<i>\$ in Thousands</i>) | - | - | - | - | - | - | - | - | - | - | - | - |
| Gross/Weapon System Unit Cost (<i>\$ in Thousands</i>) | - | - | - | - | - | - | - | - | - | - | - | - |

Description:

Modifications to the Stryker Family of Vehicles (FOV) to resolve reliability, lethality, capability and performance degradation, safety, operational, and Chemical Detection and Command, Control, Communications, Computers, Intelligence, Surveillance, and Reconnaissance (C4ISR) obsolescence issues. Primary efforts involve the incorporation of a 30mm weapon system onto a Flat Bottom Hull (FBH) Infantry Carrier Vehicle (ICV) and the application of Engineering Change Proposal 1 (ECP 1) engine, alternator, suspension, and in-vehicle upgrades into the Stryker Double "V" Hull (DVH) fleet.

Justification:

FY 2017 Base procurement dollars in the amount \$74.348 million supports the application of modifications required to achieve Mobile Gun System (MGS) Full Materiel Release (FMR); funds multiple fleet-wide modifications to address Stryker vehicle, chemical detection, and Command, Control, Communications, Computers, Intelligence (C4I) obsolescence, reliability, capability and performance degradation, safety, and operational-related issues; provides for maintenance of the Stryker test fleet to ensure test assets are positioned to provide accurate, verifiable test results; continues retrofit planning and site management efforts to ensure modification kits procured are applied in an efficient and effective fashion; designs and applies modifications to Stryker Training Aids, Devices, Simulators, and Simulations (TADSS) to ensure Stryker soldiers continue to train using equipment that reflects the configuration and behavior of the current fielded vehicles; develops Double V Hull (DVH) survivability changes to increase protection against Anti-Tank Guided Missiles (ATGM) and large caliber rounds; and provides for the fielding of a 30mm weapon system to meet a March 2015 United States Army Europe (USAREUR) Urgent Operational Needs Statement (ONS).

Amendment Justification: This increase requests an additional \$8.333 million from the PB 2017 Request. Supports both the update of the Stryker Technical Data Package (TDP) to incorporate platform Command, Control, Communications, Computers, Intelligence, Surveillance and Reconnaissance (C4ISR) modifications and the completion of Blue Force Tracker 2 (BFT2) retrofit onto the Stryker fleet. Supports the Active Army.

In accordance with Section 1815 of the FY 2008 National Defense Authorization Act (P.L. 110-181) this item is necessary for use by the active and reserve components of the Armed Forces for homeland defense missions, domestic emergency responses, and providing military support to civil authorities.

UNCLASSIFIED

Exhibit P-40, Budget Line Item Justification: Request for Additional Appropriations 2017 Army **Date:** March 2017

Appropriation / Budget Activity / Budget Sub Activity: 2033A: Procurement of W&TCV, Army / BA 01: Tracked Combat Vehicles / BSA 20: Modification of Tracked Combat Vehicles **P-1 Line Item Number / Title:** GZ2400 / Bradley Program (MOD)

ID Code (A=Service Ready, B=Not Service Ready): A **Program Elements for Code B Items:** N/A **Other Related Program Elements:** 0203735A

Line Item MDAP/MAIS Code: N/A

| Resource Summary | Prior Years | FY 2015 | FY 2016 | FY 2017 Base | FY 2017 OCO | FY 2017 Total | FY 2018 | FY 2019 | FY 2020 | FY 2021 | To Complete | Total |
|---|------------------|----------------|----------------|----------------|-------------|----------------|----------------|----------------|----------------|----------------|------------------|-------------------|
| Procurement Quantity (<i>Units in Each</i>) | - | - | - | - | - | - | - | - | - | - | - | - |
| Gross/Weapon System Cost (<i>\$ in Millions</i>) | 4,771.909 | 136.006 | 210.042 | 490.033 | - | 490.033 | 496.556 | 482.020 | 427.534 | 495.780 | 5,030.314 | 12,540.194 |
| Less PY Advance Procurement (<i>\$ in Millions</i>) | - | - | - | - | - | - | - | - | - | - | - | - |
| Net Procurement (P-1) (<i>\$ in Millions</i>) | 4,771.909 | 136.006 | 210.042 | 490.033 | - | 490.033 | 496.556 | 482.020 | 427.534 | 495.780 | 5,030.314 | 12,540.194 |
| Plus CY Advance Procurement (<i>\$ in Millions</i>) | - | - | - | - | - | - | - | - | - | - | - | - |
| Total Obligation Authority (<i>\$ in Millions</i>) | 4,771.909 | 136.006 | 210.042 | 490.033 | - | 490.033 | 496.556 | 482.020 | 427.534 | 495.780 | 5,030.314 | 12,540.194 |

(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)

| | | | | | | | | | | | | |
|--|---|---|---|---|---|---|---|---|---|---|---|---|
| Initial Spares (<i>\$ in Millions</i>) | - | - | - | - | - | - | - | - | - | - | - | - |
| Flyaway Unit Cost (<i>\$ in Thousands</i>) | - | - | - | - | - | - | - | - | - | - | - | - |
| Gross/Weapon System Unit Cost (<i>\$ in Thousands</i>) | - | - | - | - | - | - | - | - | - | - | - | - |

Description:

Bradley Program (MOD) procures upgrades to Bradley Fighting Vehicles. The Bradley Program (MOD) procures hardware for mods from the Engineering Change Proposal (ECP) program approved by the Army Acquisition Executive (AAE) in July 2011. There are two ECPs in this program. ECP1 improves vehicle suspension with extended life track. ECP2 improves the power train and electrical system to enable the A3 fleet to host inbound technologies from Army Program of Records including Handheld Manpack Small Radios (HMS) and Joint Battle Command-Platform (JBC-P). Additionally, the Bradley Program (MOD) procures M2 conversions, safety upgrades to the transmission, high priority improvements, and obsolescence mitigation to the Bradley Advanced Training System (BATS).

| Secondary Distribution | FY 2015 | FY 2016 | FY 2017 Base | FY 2017 OCO | FY 2017 Total | FY 2018 | FY 2019 | FY 2020 | FY 2021 |
|--------------------------------------|----------------|----------------|----------------|-------------|----------------|----------------|----------------|----------------|----------------|
| Army | | | | | | | | | |
| Quantity | - | - | - | - | - | - | - | - | - |
| Total Obligation Authority | 136.006 | 210.042 | 490.033 | - | 490.033 | 496.556 | 450.020 | 395.534 | 495.780 |
| ANG | | | | | | | | | |
| Quantity | - | - | - | - | - | - | - | - | - |
| Total Obligation Authority | - | - | - | - | - | - | 32.000 | 32.000 | - |
| Total: Secondary Distribution | | | | | | | | | |
| Quantity | - | - | - | - | - | - | - | - | - |
| Total Obligation Authority | 136.006 | 210.042 | 490.033 | - | 490.033 | 496.556 | 482.020 | 427.534 | 495.780 |

Justification:

FY 2017 Base procurement dollars in the amount of \$276.433 million supports procurement of multiple modifications to the Bradley Family of Vehicles including the following: procurement and installation of upgrade ECP1 kits; procurement and installation of upgrade ECP2 kits; Training Aids, Devices, Simulators and Simulations (TADDS), and program/engineering support. Current projections indicate that the Bradley Infantry Fighting Vehicle will likely remain in the ABCT formation until the 2050s.

Amendment Justification: This increase requests an additional \$213.600 million to recapitalize 86 M2A3's to M2A4 vehicles from the PB 2017 Request.

UNCLASSIFIED

| | | |
|---|---|--|
| Exhibit P-40, Budget Line Item Justification: Request for Additional Appropriations 2017 Army | | Date: March 2017 |
| Appropriation / Budget Activity / Budget Sub Activity: 2033A: Procurement of W&TCV, Army / BA 01: Tracked Combat Vehicles / BSA 20: Modification of Tracked Combat Vehicles | | P-1 Line Item Number / Title: GZ2400 / Bradley Program (MOD) |
| ID Code (A=Service Ready, B=Not Service Ready): A | Program Elements for Code B Items: N/A | Other Related Program Elements: 0203735A |
| Line Item MDAP/MAIS Code: N/A | | |
| In accordance with Section 1815 of the FY 2008 National Defense Authorization Act (P.L. 110-181), this item is necessary for use by the active and reserve components of the Armed Forces for homeland defense missions, domestic emergency responses, and providing military support to civil authorities. | | |

UNCLASSIFIED

Exhibit P-40, Budget Line Item Justification: Request for Additional Appropriations 2017 Army **Date:** March 2017

Appropriation / Budget Activity / Budget Sub Activity:
2033A: Procurement of W&TCV, Army / BA 01: Tracked Combat Vehicles / BSA 20: Modification of Tracked Combat Vehicles

P-1 Line Item Number / Title:
GA0570 / Improved Recovery Vehicle (M88A2 HERCULES)

ID Code (A=Service Ready, B=Not Service Ready): A **Program Elements for Code B Items:** N/A **Other Related Program Elements:** N/A

Line Item MDAP/MAIS Code: N/A

| Resource Summary | Prior Years | FY 2015 | FY 2016 | FY 2017 Base | FY 2017 OCO | FY 2017 Total | FY 2018 | FY 2019 | FY 2020 | FY 2021 | To Complete | Total |
|---|------------------|----------------|----------------|----------------|-------------|----------------|---------------|----------|----------|----------|-------------|------------------|
| Procurement Quantity (<i>Units in Each</i>) | 734 | 36 | 47 | 61 | - | 61 | 17 | - | - | - | - | 895 |
| Gross/Weapon System Cost (<i>\$ in Millions</i>) | 2,068.120 | 122.451 | 187.129 | 226.963 | - | 226.963 | 77.402 | - | - | - | - | 2,682.065 |
| Less PY Advance Procurement (<i>\$ in Millions</i>) | - | - | - | - | - | - | - | - | - | - | - | - |
| Net Procurement (P-1) (<i>\$ in Millions</i>) | 2,068.120 | 122.451 | 187.129 | 226.963 | - | 226.963 | 77.402 | - | - | - | - | 2,682.065 |
| Plus CY Advance Procurement (<i>\$ in Millions</i>) | - | - | - | - | - | - | - | - | - | - | - | - |
| Total Obligation Authority (<i>\$ in Millions</i>) | 2,068.120 | 122.451 | 187.129 | 226.963 | - | 226.963 | 77.402 | - | - | - | - | 2,682.065 |

(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)

| | | | | | | | | | | | | |
|--|-----------|-----------|-----------|-----------|---|-----------|-----------|---|---|---|---|-----------|
| Initial Spares (<i>\$ in Millions</i>) | - | - | - | - | - | - | - | - | - | - | - | - |
| Flyaway Unit Cost (<i>\$ in Thousands</i>) | - | - | - | - | - | - | - | - | - | - | - | - |
| Gross/Weapon System Unit Cost (<i>\$ in Thousands</i>) | 2,817.602 | 3,401.417 | 3,981.468 | 3,720.705 | - | 3,720.705 | 4,553.059 | - | - | - | - | 2,996.721 |

Description:

The M88A2 Heavy Equipment Recovery Combat Utility Lift and Evacuation System (HERCULES) is a 70 ton armored, full tracked, diesel powered recovery vehicle based on the M88A1 chassis. The hull is armored for protection against small arms fire, artillery fragments, and anti-personnel mines. The vehicle mounts a 50 caliber machine gun for self-protection. It is configured with three winches, an improved spade, and an improved A-frame boom which enables the vehicle to have a 35 ton lift capability. The M88A2 is an improvement over the M88A1 Medium Recovery Vehicle (MRV); it is the only vehicle with the capable of providing Single Vehicle Recovery (SVR) of the 70 ton Abrams tank.

AAO: 933

| Secondary Distribution | FY 2015 | FY 2016 | FY 2017 Base | FY 2017 OCO | FY 2017 Total | FY 2018 | FY 2019 | FY 2020 | FY 2021 |
|-------------------------------|----------------|----------------|----------------|-------------|----------------|---------------|----------|----------|----------|
| Army | 29 | 39 | 53 | - | 53 | 11 | - | - | - |
| Total Obligation Authority | 99.100 | 163.152 | 202.986 | - | 202.986 | 59.419 | - | - | - |
| ANG | 7 | 8 | 8 | - | 8 | 6 | - | - | - |
| Total Obligation Authority | 23.351 | 23.977 | 23.977 | - | 23.977 | 17.983 | - | - | - |
| Total: | 36 | 47 | 61 | - | 61 | 17 | - | - | - |
| Secondary Distribution | 122.451 | 187.129 | 226.963 | - | 226.963 | 77.402 | - | - | - |

Justification:

FY 2017 Base procurement dollars in the amount of \$91.963 million supports the vehicle production and the procurement of 22 M88A2 vehicles with M88 Family of Vehicles Operational Modifications with cut-in during production. The fielded M88A1 Medium Recovery Vehicle lacks the necessary power, weight, and braking ability to safely support the recovery of the Abrams fleet by itself. Improvements in the M88A2 HERCULES fix these operational shortcomings. The increased winching and lifting capability accommodates all 70 ton Abrams variants. Without this increased capability, units must use two M88A1 Medium Recovery Vehicles to perform the necessary spectrum of recovery operations. The M88A2 procurement continues to support the supplier/vendor industrial base to mitigate any M88A2 production break.

Amendment Justification: This increase requests an additional \$135.000 million to procure 39 M88A2 vehicles from the PB 2017 Request.

UNCLASSIFIED

| | | |
|---|---|---|
| Exhibit P-40, Budget Line Item Justification: Request for Additional Appropriations 2017 Army | | Date: March 2017 |
| Appropriation / Budget Activity / Budget Sub Activity: 2033A: Procurement of W&TCV, Army / BA 01: Tracked Combat Vehicles / BSA 20: Modification of Tracked Combat Vehicles | | P-1 Line Item Number / Title: GA0570 / Improved Recovery Vehicle (M88A2 HERCULES) |
| ID Code (A=Service Ready, B=Not Service Ready): A | Program Elements for Code B Items: N/A | Other Related Program Elements: N/A |
| Line Item MDAP/MAIS Code: N/A | | |

In accordance with Section 1815 of the FY 2008 National Defense Authorization Act (P.L. 110-181), this item is necessary for use by the active and reserve components of the Armed Forces for homeland defense missions, domestic emergency responses, and providing military support to civil authorities.

UNCLASSIFIED

Exhibit P-40, Budget Line Item Justification: Request for Additional Appropriations 2017 Army **Date:** March 2017

| | |
|---|---|
| Appropriation / Budget Activity / Budget Sub Activity: 2033A: Procurement of W&TCV, Army / BA 01: Tracked Combat Vehicles / BSA 20: Modification of Tracked Combat Vehicles | P-1 Line Item Number / Title: GA0750 / Abrams Upgrade Program |
|---|---|

| | | |
|--|---|---|
| ID Code (A=Service Ready, B=Not Service Ready): A | Program Elements for Code B Items: N/A | Other Related Program Elements: 0203735A |
|--|---|---|

Line Item MDAP/MAIS Code: N/A

| Resource Summary | Prior Years | FY 2015 | FY 2016 | FY 2017 Base | FY 2017 OCO | FY 2017 Total | FY 2018 | FY 2019 | FY 2020 | FY 2021 | To Complete | Total |
|---|------------------|----------------|----------|----------------|-------------|----------------|----------|----------|----------|----------|-------------|------------------|
| Procurement Quantity <i>(Units in Each)</i> | 1,605 | 6 | - | 27 | - | 27 | - | - | - | - | - | 1,638 |
| Gross/Weapon System Cost <i>(\$ in Millions)</i> | 8,929.107 | 120.000 | - | 330.000 | - | 330.000 | - | - | - | - | - | 9,379.107 |
| Less PY Advance Procurement <i>(\$ in Millions)</i> | 2,064.494 | - | - | - | - | - | - | - | - | - | - | 2,064.494 |
| Net Procurement (P-1) <i>(\$ in Millions)</i> | 6,864.613 | 120.000 | - | 330.000 | - | 330.000 | - | - | - | - | - | 7,314.613 |
| Plus CY Advance Procurement <i>(\$ in Millions)</i> | 2,064.494 | - | - | - | - | - | - | - | - | - | - | 2,064.494 |
| Total Obligation Authority <i>(\$ in Millions)</i> | 8,929.107 | 120.000 | - | 330.000 | - | 330.000 | - | - | - | - | - | 9,379.107 |

(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)

| | | | | | | | | | | | | |
|--|-----------|------------|---|------------|---|------------|---|---|---|---|---|-----------|
| Initial Spares <i>(\$ in Millions)</i> | - | - | - | - | - | - | - | - | - | - | - | - |
| Flyaway Unit Cost <i>(\$ in Thousands)</i> | - | - | - | - | - | - | - | - | - | - | - | - |
| Gross/Weapon System Unit Cost <i>(\$ in Thousands)</i> | 5,563.307 | 20,000.000 | - | 12,222.222 | - | 12,222.222 | - | - | - | - | - | 5,725.951 |

Description:

The purpose of this program is to upgrade M1/M1A1 tanks to the M1A2 System Enhancement Package (SEP) configuration in order to enhance tank survivability, the automotive power pack, computer systems, and night vision capabilities. The M1A2 SEP incorporates improved microprocessors; color flat panel displays and memory capacity; Soldier-Machine Interface (SMI); and a new operating system designed to run the Common Operating Environment (COE) software. Other improvements include frontal and side armor for enhanced crew survivability. Both the Gunner's Primary Sight (GPS) and the Commander's Independent Thermal Viewer (CITV) on the M1A2 SEP tank include the improved thermal ranging capabilities of the Block 1 2nd Generation Forward Looking Infra-Red (FLIR) technology. The M1A2 SEP is also equipped with the Total Integrated Engine Revitalization (TIGER) engine and upgraded transmission for improved reliability and durability. The Abrams Upgrade Program will continue to be utilized to modify and upgrade the Abrams M1A2SEP v2 tank to avoid a break in production and maintain an engineering production and depot maintenance capability for heavy combat vehicle manufacturing, transmission manufacturing capability, and FLIR manufacturing to support the industrial base. Efforts to develop leaner Abrams production processes and optimize facilities to facilitate lower manufacturing rates in the future will also be initiated. In FY15 PM Abrams implemented a limited pilot program to produce the next version M1A2 Sep v3 tank in lieu of producing additional M1A2 Sep v2 tanks.

Justification:

There is no FY 2017 funding.

Amendment Justification: This increase requests an additional \$330.000 million to recapitalize 27 M1A1 to M1A2SEPV3 vehicles from the PB 2017 Request. Supports the Active Army.

In accordance with Section 1815 of the FY2008 National Defense Authorization Act (P.L. 110-181), this item is necessary for use by the active and reserve components of the Armed Forces for homeland defense missions, domestic emergency responses, and providing military support to civil authorities.

UNCLASSIFIED

Exhibit P-40, Budget Line Item Justification: Request for Additional Appropriations 2017 Army **Date:** March 2017

| | |
|---|---|
| Appropriation / Budget Activity / Budget Sub Activity: 2033A: Procurement of W&TCV, Army / BA 02: Weapons and Other Combat Vehicles / BSA 10: Weapons & Other Combat Vehicles | P-1 Line Item Number / Title: G02200 / Mortar Systems |
|---|---|

| | | |
|--|---|--|
| ID Code (A=Service Ready, B=Not Service Ready): A | Program Elements for Code B Items: N/A | Other Related Program Elements: N/A |
|--|---|--|

Line Item MDAP/MAIS Code: N/A

| Resource Summary | Prior Years | FY 2015 | FY 2016 | FY 2017 Base | FY 2017 OCO | FY 2017 Total | FY 2018 | FY 2019 | FY 2020 | FY 2021 | To Complete | Total |
|---|----------------|--------------|---------------|---------------|---------------|---------------|--------------|--------------|--------------|--------------|-------------|----------------|
| Procurement Quantity (<i>Units in Each</i>) | - | - | - | - | - | - | - | - | - | - | - | - |
| Gross/Weapon System Cost (<i>\$ in Millions</i>) | 336.273 | 6.012 | 12.021 | 16.532 | 22.410 | 38.942 | 9.924 | 5.259 | 4.960 | 7.236 | - | 420.627 |
| Less PY Advance Procurement (<i>\$ in Millions</i>) | - | - | - | - | - | - | - | - | - | - | - | - |
| Net Procurement (P-1) (<i>\$ in Millions</i>) | 336.273 | 6.012 | 12.021 | 16.532 | 22.410 | 38.942 | 9.924 | 5.259 | 4.960 | 7.236 | - | 420.627 |
| Plus CY Advance Procurement (<i>\$ in Millions</i>) | - | - | - | - | - | - | - | - | - | - | - | - |
| Total Obligation Authority (<i>\$ in Millions</i>) | 336.273 | 6.012 | 12.021 | 16.532 | 22.410 | 38.942 | 9.924 | 5.259 | 4.960 | 7.236 | - | 420.627 |

(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)

| | | | | | | | | | | | | |
|--|---|---|---|---------|---|---------|---|---|---|---|---|---------|
| Initial Spares (<i>\$ in Millions</i>) | - | - | - | - | - | - | - | - | - | - | - | - |
| Flyaway Unit Cost (<i>\$ in Thousands</i>) | - | - | - | - | - | - | - | - | - | - | - | - |
| Gross/Weapon System Unit Cost (<i>\$ in Thousands</i>) | - | - | - | 439.171 | - | 439.171 | - | - | - | - | - | 256.793 |

Description:

Mortar Systems includes the production of 60mm Light Weight M224/A1; 81mm Light Weight M252/A1; and 120mm M120A1/M121 Mortar Weapon Systems and associated equipments to include procurement of the M326 Mortar Stowage Kit and M1101 trailer that are used with the M120A1 120mm towed mortar system. The Mortar Stowage Kit system enables rapid emplacement and displacement of the M120A1 from the M1101 Trailer.

| Secondary Distribution | | FY 2015 | FY 2016 | FY 2017 Base | FY 2017 OCO | FY 2017 Total | FY 2018 | FY 2019 | FY 2020 | FY 2021 |
|--------------------------------------|-----------------------------------|--------------|---------------|---------------|---------------|---------------|--------------|--------------|--------------|--------------|
| Army | Quantity | - | - | - | - | - | - | - | - | - |
| | Total Obligation Authority | 6.012 | 10.521 | 16.532 | 22.410 | 38.942 | 9.924 | 5.259 | 4.960 | 7.236 |
| ANG | Quantity | - | - | - | - | - | - | - | - | - |
| | Total Obligation Authority | - | 1.500 | - | - | - | - | - | - | - |
| Total: Secondary Distribution | Quantity | - | - | - | - | - | - | - | - | - |
| | Total Obligation Authority | 6.012 | 12.021 | 16.532 | 22.410 | 38.942 | 9.924 | 5.259 | 4.960 | 7.236 |

Justification:

FY 2017 Base procurement dollars in the amount of \$8.332 million supports the procurement of 56 M224A1 (60mm) and 14 M120 (120mm) mortar systems and production support costs for the acquisition, engineering, warehousing/storage/staging, logistics, transportation, fielding and new equipment training of the mortar weapon systems. The system support funds are essential to fill shortages of US Army 60mm and 120mm mortar systems resulting from Army Reorganization of Infantry Brigade Combat Teams from 3 Battalions per Brigade to 4 Battalions per Brigade.

FY 2017 OCO procurement dollars in the amount of \$22.410 million supports the replacement of 160 M224A1 (60mm), 75 M252A1 (81mm), and 44 M120 (120mm) combat losses and washouts from combat operations from Theater Provided Equipment (TPE) accounts.

Amendment Justification: This increase requests an additional \$8.200 million to procure 36 M120 (120mm) mortar systems from the PB 2017 Request.

UNCLASSIFIED

| | | |
|---|---|---|
| Exhibit P-40, Budget Line Item Justification: Request for Additional Appropriations 2017 Army | | Date: March 2017 |
| Appropriation / Budget Activity / Budget Sub Activity: 2033A: Procurement of W&TCV, Army / BA 02: Weapons and Other Combat Vehicles / BSA 10: Weapons & Other Combat Vehicles | | P-1 Line Item Number / Title: G02200 / Mortar Systems |
| ID Code (A=Service Ready, B=Not Service Ready): A | Program Elements for Code B Items: N/A | Other Related Program Elements: N/A |
| Line Item MDAP/MAIS Code: N/A | | |

In accordance with Section 1815 of the FY 2008 National Defense Authorization Act (P.L. 110-181) this item is necessary for use by the active and reserve components of the Armed Forces for homeland defense missions, domestic emergency responses, and providing military support to civil authorities.

UNCLASSIFIED

Exhibit P-40, Budget Line Item Justification: Request for Additional Appropriations 2017 Army **Date:** March 2017

| | |
|---|--|
| Appropriation / Budget Activity / Budget Sub Activity: 2033A: Procurement of W&TCV, Army / BA 02: Weapons and Other Combat Vehicles / BSA 20: Mod of Weapons and Other Combat Veh | P-1 Line Item Number / Title: GZ1700 / M777 Mods |
|---|--|

| | | |
|--|---|--|
| ID Code (A=Service Ready, B=Not Service Ready): A | Program Elements for Code B Items: N/A | Other Related Program Elements: N/A |
|--|---|--|

Line Item MDAP/MAIS Code: N/A

| Resource Summary | Prior Years | FY 2015 | FY 2016 | FY 2017 Base | FY 2017 OCO | FY 2017 Total | FY 2018 | FY 2019 | FY 2020 | FY 2021 | To Complete | Total |
|---|---------------|---------------|---------------|---------------|-------------|---------------|--------------|--------------|--------------|---------------|-------------|----------------|
| Procurement Quantity (<i>Units in Each</i>) | - | - | - | - | - | - | - | - | - | - | - | - |
| Gross/Weapon System Cost (<i>\$ in Millions</i>) | 56.660 | 18.166 | 10.070 | 33.600 | - | 33.600 | 3.553 | 3.973 | 3.201 | 13.290 | - | 142.513 |
| Less PY Advance Procurement (<i>\$ in Millions</i>) | - | - | - | - | - | - | - | - | - | - | - | - |
| Net Procurement (P-1) (<i>\$ in Millions</i>) | 56.660 | 18.166 | 10.070 | 33.600 | - | 33.600 | 3.553 | 3.973 | 3.201 | 13.290 | - | 142.513 |
| Plus CY Advance Procurement (<i>\$ in Millions</i>) | - | - | - | - | - | - | - | - | - | - | - | - |
| Total Obligation Authority (<i>\$ in Millions</i>) | 56.660 | 18.166 | 10.070 | 33.600 | - | 33.600 | 3.553 | 3.973 | 3.201 | 13.290 | - | 142.513 |

(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)

| | | | | | | | | | | | | |
|--|---|---|---|---|---|---|---|---|---|---|---|---|
| Initial Spares (<i>\$ in Millions</i>) | - | - | - | - | - | - | - | - | - | - | - | - |
| Flyaway Unit Cost (<i>\$ in Thousands</i>) | - | - | - | - | - | - | - | - | - | - | - | - |
| Gross/Weapon System Unit Cost (<i>\$ in Thousands</i>) | - | - | - | - | - | - | - | - | - | - | - | - |

Description:

The LW155 (M777A2 howitzer) provides direct, reinforcing, and general artillery fire support to maneuver forces. The Army has fielded the M777A2 to their Stryker Brigade Combat Teams, Fires Brigades and the National Guard. The Army began fielding Infantry Brigade Combat Teams starting in FY14 and will continue through FY18. The Marine Corps has fielded to all active and reserve units. The M777A2 is capable of firing the 155MM Excalibur Precision-Guided munition, and the Precision Guidance Kit (PGK). It is a joint program between the Marine Corps and Army with additional Foreign Military Sales purchases from Canada and Australia. It is an excellent example of a successful joint service program with the Marine Corps. The M777A2 is seeing significant action in Afghanistan and has received very high marks for its performance. With the conclusion of the M777A2 US production in November 2013, the program has entered into the Sustainment Phase of its life cycle. Having now been in the field for almost 10 years, the howitzer is going through replacement of electronic components in its digital fire control system to maintain interoperability and fulfill Joint Operational Requirements Document (JORD) requirements that were deferred during development.

| Secondary Distribution | FY 2015 | FY 2016 | FY 2017 Base | FY 2017 OCO | FY 2017 Total | FY 2018 | FY 2019 | FY 2020 | FY 2021 |
|-------------------------------|-----------------------------------|---------------|---------------|---------------|---------------|---------------|--------------|--------------|--------------|
| Army | Quantity | - | - | - | - | - | - | - | - |
| | Total Obligation Authority | 11.018 | 6.042 | 28.796 | - | 28.796 | 2.553 | 2.651 | 1.910 |
| ANG | Quantity | - | - | - | - | - | - | - | - |
| | Total Obligation Authority | 7.148 | 4.028 | 4.804 | - | 4.804 | 1.000 | 1.322 | 1.291 |
| Total: | Quantity | - | - | - | - | - | - | - | - |
| Secondary Distribution | Total Obligation Authority | 18.166 | 10.070 | 33.600 | - | 33.600 | 3.553 | 3.973 | 3.201 |

Justification:

FY 2017 Base procurement dollars in the amount of \$11.913 million continues procurement and integration of hardware and training products required to meet JORD requirements deferred during development due technical maturity and cost. Funding also supports modernization of Digital Fire Control System (DFCS) components required to ensure continued operability of weapon system. Integration and qualification efforts will commence to address obsolescence issues for the systems Inertial Navigation Unit (INU). The INU is a critical DFCS component that has been in the field since 2005 and is based on early 2000's technology. Funding will continue to support field retrofits of previously contracted Engineering Change Proposals for the Improved Power Conditioning Control Module (I-PCCM), Electronic Thermal Warning

UNCLASSIFIED

| | | |
|--|---|--|
| Exhibit P-40, Budget Line Item Justification: Request for Additional Appropriations 2017 Army | | Date: March 2017 |
| Appropriation / Budget Activity / Budget Sub Activity: 2033A: Procurement of W&TCV, Army / BA 02: Weapons and Other Combat Vehicles / BSA 20: Mod of Weapons and Other Combat Veh | | P-1 Line Item Number / Title: GZ1700 / M777 Mods |
| ID Code (A=Service Ready, B=Not Service Ready): A | Program Elements for Code B Items: N/A | Other Related Program Elements: N/A |
| Line Item MDAP/MAIS Code: N/A | | |
| <p>Device (ETWD), Hydraulic Power Assist Kit (HyPAK), Muzzle Velocity Sensor System (MVSS) and Primer Feed Mechanism (PFM) Components. The PFM and ETWD retrofits are critical to addressing current field restrictions for firing the Modular Artillery Charge System (MACS) at extended ranges. The DFCS system software will also be upgraded as part of these retrofits. The upgraded software requires additional operator training as it reflects significant changes to operator tactics and procedures. Priority will be to the units deploying then to those first fielded, utilizing reset and overhaul opportunities as appropriate. Funding will support composite fielding of the LW155 into the Infantry Brigade Combat Teams (IBCTs), an initiative to increase in operational force effectiveness and indirect precision fire. This will provide the IBCTs with significantly improved indirect fire lethality and enable mitigation of the long range indirect precision fire capability gap. Funding will continue to support fielding of Computer Based Training and Computer Aided Instruction products. System complexity increases significantly as a result of planned increased software capability. These products will greatly increase proficiency, safety and mission fire accuracy and are supported by Army and USMC user communities.</p> <p>Amendment Justification: This increase requests an additional \$21.687 million to procure 95 chromed tubes from the PB 2017 Request. These chrome tubes will be applied to existing M777A2s howitzers in the Infantry Brigade Combat Teams (IBCT), Stryker Brigade Combat Teams (SBCT), and Echelon Above Brigade artillery battalions.</p> <p>"In accordance with Section 1815 of the FY 2008 National Defense Authorization Act (P.L. 110-181), this item is necessary for use by the active and reserve components of the Armed Forces for homeland defense missions, domestic emergency responses, and providing military support to civil authorities."</p> | | |

UNCLASSIFIED

Exhibit P-40, Budget Line Item Justification: Request for Additional Appropriations 2017 Army **Date:** March 2017

| | |
|---|---|
| Appropriation / Budget Activity / Budget Sub Activity: 2033A: Procurement of W&TCV, Army / BA 02: Weapons and Other Combat Vehicles / BSA 20: Mod of Weapons and Other Combat Veh | P-1 Line Item Number / Title: GC0401 / M119 Modifications |
|---|---|

| | | |
|--|---|--|
| ID Code (A=Service Ready, B=Not Service Ready): A | Program Elements for Code B Items: N/A | Other Related Program Elements: N/A |
|--|---|--|

Line Item MDAP/MAIS Code: N/A

| Resource Summary | Prior Years | FY 2015 | FY 2016 | FY 2017 Base | FY 2017 OCO | FY 2017 Total | FY 2018 | FY 2019 | FY 2020 | FY 2021 | To Complete | Total |
|---|----------------|---------------|---------------|---------------|-------------|---------------|--------------|--------------|--------------|--------------|-------------|----------------|
| Procurement Quantity (<i>Units in Each</i>) | - | - | - | - | - | - | - | - | - | - | - | - |
| Gross/Weapon System Cost (<i>\$ in Millions</i>) | 163.429 | 72.718 | 20.599 | 37.243 | - | 37.243 | 6.078 | 7.065 | 7.604 | 2.282 | - | 317.018 |
| Less PY Advance Procurement (<i>\$ in Millions</i>) | - | - | - | - | - | - | - | - | - | - | - | - |
| Net Procurement (P-1) (<i>\$ in Millions</i>) | 163.429 | 72.718 | 20.599 | 37.243 | - | 37.243 | 6.078 | 7.065 | 7.604 | 2.282 | - | 317.018 |
| Plus CY Advance Procurement (<i>\$ in Millions</i>) | - | - | - | - | - | - | - | - | - | - | - | - |
| Total Obligation Authority (<i>\$ in Millions</i>) | 163.429 | 72.718 | 20.599 | 37.243 | - | 37.243 | 6.078 | 7.065 | 7.604 | 2.282 | - | 317.018 |

(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)

| | | | | | | | | | | | | |
|--|---|---|---|---|---|---|---|---|---|---|---|---|
| Initial Spares (<i>\$ in Millions</i>) | - | - | - | - | - | - | - | - | - | - | - | - |
| Flyaway Unit Cost (<i>\$ in Thousands</i>) | - | - | - | - | - | - | - | - | - | - | - | - |
| Gross/Weapon System Unit Cost (<i>\$ in Thousands</i>) | - | - | - | - | - | - | - | - | - | - | - | - |

Description:

The M119A3 Towed Howitzer provides direct fire support for the Infantry Brigade Combat Teams (IBCT). Funding in the M119 Modifications budget supports the application of modernization system enhancements. Modifications to the howitzer include a Recoil System Capability Package, which will enhance survivability by replacing the Buffer and Recuperator in the recoil system and add suspension modifications. A Power System Modification will replace current system batteries to increase power output and cold temperature performance. The Training Devices modification products include M119A3 legacy desktop personal computer trainer, M119A3 desktop crew trainer, and M119A3 computer based trainer. The durability modification provides for modified spades on the howitzers.

| Secondary Distribution | | FY 2015 | FY 2016 | FY 2017 Base | FY 2017 OCO | FY 2017 Total | FY 2018 | FY 2019 | FY 2020 | FY 2021 |
|--------------------------------------|-----------------------------------|---------------|---------------|---------------|-------------|---------------|--------------|--------------|--------------|--------------|
| Army | Quantity | - | - | - | - | - | - | - | - | - |
| | Total Obligation Authority | 44.105 | 12.359 | 34.785 | - | 34.785 | 3.608 | 4.197 | 4.518 | 1.382 |
| ANG | Quantity | - | - | - | - | - | - | - | - | - |
| | Total Obligation Authority | 28.613 | 8.240 | 2.458 | - | 2.458 | 2.470 | 2.868 | 3.086 | 0.900 |
| Total: Secondary Distribution | Quantity | - | - | - | - | - | - | - | - | - |
| | Total Obligation Authority | 72.718 | 20.599 | 37.243 | - | 37.243 | 6.078 | 7.065 | 7.604 | 2.282 |

Justification:

FY 2017 Base procurement dollars in the amount of \$6.045 million supports the retrofit and composite fielding activities of previously purchased Recoil System Capability Package, Digital Fire Control System (DFCS), durability modification (Spades) for the howitzers and Training Devices. The previously purchased Recoil System Capability enhances the durability of the howitzer and addresses deficiencies in the legacy recoil system. The DFCS enhances system survivability and lethality through the ability to make tactical moves and acquire targets at a significantly higher rate than an optical fire control equipped weapon. The durability modification (Spades) increases the durability of the howitzer while decreasing weight. The Training Devices modification provides for Training Aids, Devices, Simulators and Simulations (TADSS) products for use in training artillerymen and maintainers in the field and at school houses. These products will greatly increase proficiency, safety and mission fire accuracy and are supported by the Army user community.

UNCLASSIFIED

| | | |
|---|---|---|
| Exhibit P-40, Budget Line Item Justification: Request for Additional Appropriations 2017 Army | | Date: March 2017 |
| Appropriation / Budget Activity / Budget Sub Activity: 2033A: Procurement of W&TCV, Army / BA 02: Weapons and Other Combat Vehicles / BSA 20: Mod of Weapons and Other Combat Veh | | P-1 Line Item Number / Title: GC0401 / M119 Modifications |
| ID Code (A=Service Ready, B=Not Service Ready): A | Program Elements for Code B Items: N/A | Other Related Program Elements: N/A |
| Line Item MDAP/MAIS Code: N/A | | |
| Amendment Justification: This increase requests an additional \$31.198 million for soldier safety and reliability improvements to M119A3 Howitzers from the PB 2017 Request. These modifications will be applied to existing M119A3 howitzers in Infantry Brigade Combat Teams and Army Prepositioned Stocks. | | |
| "In accordance with Section 1815 of the FY 2008 National Defense Authorization Act (P.L. 110-181), this item is necessary for use by the active and reserve components of the Armed Forces for homeland defense missions, domestic emergency responses, and providing military support to civil authorities." | | |

UNCLASSIFIED

Exhibit P-40, Budget Line Item Justification: Request for Additional Appropriations 2017 Army **Date:** March 2017

| | |
|---|--|
| Appropriation / Budget Activity / Budget Sub Activity: 2033A: Procurement of W&TCV, Army / BA 02: Weapons and Other Combat Vehicles / BSA 10: Weapons & Other Combat Vehicles | P-1 Line Item Number / Title: G15325 / Handgun |
|---|--|

| | | |
|--|--|--|
| ID Code (A=Service Ready, B=Not Service Ready): B | Program Elements for Code B Items: 0604601A | Other Related Program Elements: N/A |
|--|--|--|

Line Item MDAP/MAIS Code: N/A

| Resource Summary | Prior Years | FY 2015 | FY 2016 | FY 2017 Base | FY 2017 OCO | FY 2017 Total | FY 2018 | FY 2019 | FY 2020 | FY 2021 | To Complete | Total |
|---|--------------|--------------|--------------|--------------|-------------|---------------|--------------|---------------|---------------|---------------|-------------------|-------------------|
| Procurement Quantity (<i>Units in Each</i>) | - | - | - | - | - | - | - | - | - | - | - | - |
| Gross/Weapon System Cost (<i>\$ in Millions</i>) | 0.300 | 3.957 | 5.417 | 2.500 | - | 2.500 | 8.391 | 18.937 | 21.354 | 28.000 | Continuing | Continuing |
| Less PY Advance Procurement (<i>\$ in Millions</i>) | - | - | - | - | - | - | - | - | - | - | - | - |
| Net Procurement (P-1) (<i>\$ in Millions</i>) | 0.300 | 3.957 | 5.417 | 2.500 | - | 2.500 | 8.391 | 18.937 | 21.354 | 28.000 | Continuing | Continuing |
| Plus CY Advance Procurement (<i>\$ in Millions</i>) | - | - | - | - | - | - | - | - | - | - | - | - |
| Total Obligation Authority (<i>\$ in Millions</i>) | 0.300 | 3.957 | 5.417 | 2.500 | - | 2.500 | 8.391 | 18.937 | 21.354 | 28.000 | Continuing | Continuing |

(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)

| | | | | | | | | | | | | |
|--|---|---|---|---|---|---|---|---|---|---|---|---|
| Initial Spares (<i>\$ in Millions</i>) | - | - | - | - | - | - | - | - | - | - | - | - |
| Flyaway Unit Cost (<i>\$ in Thousands</i>) | - | - | - | - | - | - | - | - | - | - | - | - |
| Gross/Weapon System Unit Cost (<i>\$ in Thousands</i>) | - | - | - | - | - | - | - | - | - | - | - | - |

Description:

Currently the M9 Pistol is utilized as the Department of Defense's personal defense weapon. The new XM17 Modular Handgun System (MHS) will begin replace both the M9 and M11 handguns. The full and open competition for a Commercial Off the Shelf/ Non-Developmental Item (COTS/NDI) XM17 MHS solution is non specific caliber. Requirements for the MHS are improved ergonomics, increased lethality,modularity, system accuracy, reliability and maintainability.

Justification:

There is no FY 2017 funding.

Amendment Justification: This increase requests an additional \$2.500 million to procure 5,500 selected Modular Handgun Weapon Systems (MHS) from the PB 2017 Request. The MHS will replace the M9 and M11 pistols and will provide improved accuracy, ergonomics, reliability, durability, lethality, and maintainability. Supports the Active Army.

In accordance with Section 1815 of the FY 2008 National Defense Authorization Act (P.L.110-181), this item is necessary for use by the active and reserve components of the Armed Forces for homeland defense missions, domestic emergency responses, and providing military support to civil authorities.