

UNCLASSIFIED

**Department of Defense  
Fiscal Year (FY) 2014 President's Budget Submission**

April 2013



**Army**

*Justification Book*

***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, \$1,597,267,000 to remain available for obligation until September 30, 2016.

**Cost for preparing the Committee Staff Procurement Backup Book is \$615.00**



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Department of the Army  
 FY 2014 President's Budget  
 Exhibit P-1 FY 2014 President's Budget  
 Total Obligational Authority  
 (Dollars in Thousands)

20 Mar 2013

Appropriation -----	FY 2012 (Base & OCO) -----	FY 2013 Base Request with CR Adj* -----	FY 2013 OCO Request with CR Adj* -----	Emergency Disaster Relief Act of 2013 -----	FY 2013 Total Request with CR Adj* -----
Procurement of W&TCV, Army	2,071,165	2,064,127	15,422		2,079,549
Total Department of the Army	2,071,165	2,064,127	15,422		2,079,549

P-1C: FY 2014 President's Budget (Published Version), as of March 20, 2013 at 15:30:16

\* Reflects the FY 2013 President's Budget with an undistributed adjustment to match the Annualized Continuing Resolution funding level by appropriation.

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Department of the Army  
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 (Dollars in Thousands)

20 Mar 2013

Appropriation -----	FY 2014 Base -----
Procurement of W&TCV, Army	1,597,267
Total Department of the Army	1,597,267

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Department of the Army  
 FY 2014 President's Budget  
 Exhibit P-1 FY 2014 President's Budget  
 Total Obligational Authority  
 (Dollars in Thousands)

20 Mar 2013

Appropriation: Procurement of W&amp;TCV, Army

Budget Activity -----	FY 2012 (Base & OCO) -----	FY 2013 Base Request with CR Adj* -----	FY 2013 OCO Request with CR Adj* -----	Emergency Disaster Relief Act of 2013 -----	FY 2013 Total Request with CR Adj* -----
01. Tracked Combat Vehicles	1,696,498	1,162,137			1,162,137
02. Weapons and Other Combat Vehicles	267,824	308,352	15,422		323,774
03. Spare and Repair Parts	106,843	31,217			31,217
20. Undistributed		562,421			562,421
Total Procurement of W&TCV, Army	2,071,165	2,064,127	15,422		2,079,549

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Department of the Army  
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 (Dollars in Thousands)

20 Mar 2013

Appropriation: Procurement of W&amp;TCV, Army

Budget Activity -----	FY 2014 Base -----
01. Tracked Combat Vehicles	1,234,130
02. Weapons and Other Combat Vehicles	363,137
03. Spare and Repair Parts	
20. Undistributed	
Total Procurement of W&TCV, Army	1,597,267



## UNCLASSIFIED

Department of the Army  
FY 2014 President's Budget  
Exhibit P-1 FY 2014 President's Budget  
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(Dollars in Thousands)

20 Mar 2013

Appropriation: 2033A Procurement of W&amp;TCV, Army

Line No	Item Nomenclature	Ident Code	FY 2012 (Base & OCO) Quantity	Cost	FY 2013 Base Request with CR Adj* Quantity	Cost	FY 2013 OCO Request with CR Adj* Quantity	Cost	Emergency Disaster Relief Act of 2013 Quantity	Cost	FY 2013 Total Request with CR Adj* Quantity	Cost	S e c
Budget Activity 01: Tracked Combat Vehicles													
-----													
Tracked Combat Vehicles													
1	Stryker Vehicle		100	606,894	58	286,818					58	286,818	U
Modification of Tracked Combat Vehicles													
2	STRYKER (MOD)	A		51,497		60,881						60,881	U
3	Fist Vehicle (MOD)			35,082		57,257						57,257	U
4	Bradley Program (MOD)	A		250,710		148,193						148,193	U
5	Howitzer, Med Sp Ft 155mm M109a6 (MOD)	A		46,876		10,341						10,341	U
6	Paladin Integrated Management (PIM)	A			17	206,101					17	206,101	U
7	Improved Recovery Vehicle (M88A2 Hercules)	A		7,452	31	107,909					31	107,909	U
8	Assault Bridge (Mod)												U
9	Assault Breacher Vehicle	A	26	97,004	10	50,039					10	50,039	U
10	M88 FOV MODS	A		32,483		29,930						29,930	U
11	Joint Assault Bridge	A											U
12	M1 Abrams Tank (MOD)	A		131,098		129,090						129,090	U
13	Abrams Upgrade Program	A	67	436,329		74,433						74,433	U

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Department of the Army  
 FY 2014 President's Budget  
 Exhibit P-1 FY 2014 President's Budget  
 Total Obligational Authority  
 (Dollars in Thousands)

20 Mar 2013

Appropriation: 2033A Procurement of W&amp;TCV, Army

Line		Ident	FY 2014	S
No	Item Nomenclature	Code	Base Quantity Cost	e c
----	-----	----	-----	----
Budget Activity 01: Tracked Combat Vehicles				
-----				
Tracked Combat Vehicles				
1	Stryker Vehicle		374,100	U
Modification of Tracked Combat Vehicles				
2	STRYKER (MOD)	A	20,522	U
3	Fist Vehicle (MOD)		29,965	U
4	Bradley Program (MOD)	A	158,000	U
5	Howitzer, Med Sp Ft 155mm M109a6 (MOD)	A	4,769	U
6	Paladin Integrated Management (PIM)	A	18 260,177	U
7	Improved Recovery Vehicle (M88A2 Hercules)	A	111,031	U
8	Assault Bridge (Mod)		2,500	U
9	Assault Breacher Vehicle	A	14 62,951	U
10	M88 FOV MODS	A	28,469	U
11	Joint Assault Bridge	A	2,002	U
12	M1 Abrams Tank (MOD)	A	178,100	U
13	Abrams Upgrade Program	A		U

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UNCLASSIFIED

## UNCLASSIFIED

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20 Mar 2013

Appropriation: 2033A Procurement of W&amp;TCV, Army

Line No	Item Nomenclature	Ident Code	FY 2012 (Base & OCO) Quantity Cost	FY 2013 Base Request with CR Adj* Quantity Cost	FY 2013 OCO Request with CR Adj* Quantity Cost	Emergency Disaster Relief Act of 2013 Quantity Cost	FY 2013 Total Request with CR Adj* Quantity Cost	S e c
Support Equipment & Facilities								
14	Production Base Support (TCV-WTCV)		1,073	1,145			1,145	U
Total Tracked Combat Vehicles			1,696,498	1,162,137			1,162,137	
Budget Activity 02: Weapons and Other Combat Vehicles								
Weapons & Other Combat Vehicles								
15	Integrated Air Burst Weapon System Family	A		506			506	U
16	Machine Gun, Cal .50 M2 Roll	A	31,102					U
17	Lightweight .50 Caliber Machine Gun	A		610	25,183		610 25,183	U
18	Mortar Systems		70	10,177	8,104		8,104	U
19	XM320 Grenade Launcher Module (GLM)	A	2954	12,055	2280	14,096	2280 14,096	U
20	M4 Carbine	A	2264	4,700				U
21	Carbine	A		12000	21,272		12000 21,272	U
22	Shotgun, Modular Accessory System (MASS)	A	1891	6,707	2107	6,598	2107 6,598	U
23	Common Remotely Operated Weapons Station		14,890	240	56,725		240 56,725	U
24	Handgun	A						U
25	Howitzer Lt Wt 155mm (T)		13,066	13,827			13,827	U

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 (Dollars in Thousands)

20 Mar 2013

Appropriation: 2033A Procurement of W&amp;TCV, Army

Line No	Item Nomenclature	Ident Code	FY 2014 Base Quantity	Cost	S e c
----	-----	-----	-----	-----	-----
Support Equipment & Facilities					
14	Production Base Support (TCV-WTCV)			1,544	U
			-----		
Total Tracked Combat Vehicles			1,234,130		
Budget Activity 02: Weapons and Other Combat Vehicles					
-----					
Weapons & Other Combat Vehicles					
15	Integrated Air Burst Weapon System Family	A	1424	69,147	U
16	Machine Gun, Cal .50 M2 Roll	A			U
17	Lightweight .50 Caliber Machine Gun	A			U
18	Mortar Systems			5,310	U
19	XM320 Grenade Launcher Module (GLM)	A	5061	24,049	U
20	M4 Carbine	A			U
21	Carbine	A	41897	70,846	U
22	Shotgun, Modular Accessory System (MASS)	A			U
23	Common Remotely Operated Weapons Station		242	56,580	U
24	Handgun	A		300	U
25	Howitzer Lt Wt 155mm (T)				U

P-1C: FY 2014 President's Budget (Published Version), as of March 20, 2013 at 15:30:16

UNCLASSIFIED

Page A-4A

## UNCLASSIFIED

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FY 2014 President's Budget  
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Line No	Item Nomenclature	Ident Code	FY 2012 (Base & OCO) Quantity	Cost	FY 2013 Base Request with CR Adj* Quantity	Cost	FY 2013 OCO Request with CR Adj* Quantity	Cost	Emergency Disaster Relief Act of 2013 Quantity	Cost	FY 2013 Total Request with CR Adj* Quantity	Cost	S e c
Mod of Weapons and Other Combat Veh													
26	M777 Mods	A				26,843					26,843		U
27	M4 Carbine Mods	A		41,892		27,243					27,243		U
28	M2 50 Cal Machine Gun Mods	B		48,856		39,974					39,974		U
29	M249 Saw Machine Gun Mods			8,480		4,996					4,996		U
30	M240 Medium Machine Gun Mods	A		15,718		6,806					6,806		U
31	Sniper Rifles Modifications			1,994		14,113					14,113		U
32	M119 Modifications	A		38,701		20,727					20,727		U
33	M16 Rifle Mods	A		3,476		3,306	15,422				18,728		U
34	Modifications Less Than \$5.0m (WOCV-WTCV)			2,973		3,072					3,072		U
Support Equipment & Facilities													
35	Items Less Than \$5.0m (WOCV-WTCV)					2,026					2,026		U
36	Production Base Support (WOCV-WTCV)			10,160		10,115					10,115		U
37	Industrial Preparedness			424		442					442		U
38	Small Arms Equipment (Soldier Enh Prog)			2,453		2,378					2,378		U
Total Weapons and Other Combat Vehicles				267,824		308,352	15,422				323,774		

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Line No	Item Nomenclature	Ident Code	FY 2014 Base Quantity	S e c o s t
----	-----	-----	-----	-----
	Mod of Weapons and Other Combat Veh			
26	M777 Mods	A	39,300	U
27	M4 Carbine Mods	A	10,300	U
28	M2 50 Cal Machine Gun Mods	B	33,691	U
29	M249 Saw Machine Gun Mods		7,608	U
30	M240 Medium Machine Gun Mods	A	2,719	U
31	Sniper Rifles Modifications		7,017	U
32	M119 Modifications	A	18,707	U
33	M16 Rifle Mods	A	2,136	U
34	Modifications Less Than \$5.0m (WOCV-WTCV)		1,569	U
	Support Equipment & Facilities			
35	Items Less Than \$5.0m (WOCV-WTCV)		2,024	U
36	Production Base Support (WOCV-WTCV)		10,108	U
37	Industrial Preparedness		459	U
38	Small Arms Equipment (Soldier Enh Prog)		1,267	U
			-----	
	Total Weapons and Other Combat Vehicles		363,137	

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UNCLASSIFIED

Page A-5A

## UNCLASSIFIED

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20 Mar 2013

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Line No	Item Nomenclature	Ident Code	FY 2012 (Base & OCO) Quantity Cost	FY 2013 Base Request with CR Adj* Quantity Cost	FY 2013 OCO Request with CR Adj* Quantity Cost	Emergency Disaster Relief Act of 2013 Quantity Cost	FY 2013 Total Request with CR Adj* Quantity Cost	S e c
Budget Activity 03: Spare and Repair Parts								
-----								
Spares								
39	Spares and Repair Parts (WTCV)		106,843	31,217			31,217	U
			-----	-----	-----	-----	-----	
Total Spare and Repair Parts			106,843	31,217			31,217	
Budget Activity 20: Undistributed								
-----								
Undistributed								
40	Adj to Match Continuing Resolution	A		562,421			562,421	U
			-----	-----	-----	-----	-----	
Total Undistributed				562,421			562,421	
			-----	-----	-----	-----	-----	
Total Procurement of W&TCV, Army			2,071,165	2,064,127	15,422		2,079,549	

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20 Mar 2013

Appropriation: 2033A Procurement of W&amp;TCV, Army

Line No	Item Nomenclature	Ident Code	FY 2014 Base Quantity	S e Cost
----	-----	----	-----	----
Budget Activity 03: Spare and Repair Parts				
-----				
Spares				
39	Spares and Repair Parts (WTCV)			U
			-----	
Total Spare and Repair Parts				
Budget Activity 20: Undistributed				
-----				
Undistributed				
40	Adj to Match Continuing Resolution	A		U
			-----	
Total Undistributed				
			-----	
Total Procurement of W&TCV, Army			1,597,267	



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Army • President's Budget Submission FY 2014 • 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)..... v

Exhibit P-40's..... 1

UNCLASSIFIED

Army • President's Budget Submission FY 2014 • 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
1	01	10	G85100	Stryker Vehicle.....	1
2	01	20	GM0100	Stryker (Mod).....	10
3	01	20	GZ2300	FIST Vehicle (Mod).....	28
4	01	20	GZ2400	Bradley Program (MOD).....	34
5	01	20	GA0400	Howitzer, Med Sp Ft 155MM M109A6 (MOD).....	48
6	01	20	GZ0410	Paladin Integrated Management (PIM).....	61
7	01	20	GA0570	Improved Recovery Vehicle (M88A2 HERCULES).....	70
8	01	20	GZ3250	Assault Bridge (Mod).....	78
9	01	20	G82925	Assault Breacher Vehicle.....	84
10	01	20	G80571	M88 FOV MODS.....	94
11	01	20	GZ3001	Joint Assault Bridge.....	99
12	01	20	GA0700	M1 Abrams Tank (MOD).....	101
13	01	20	GA0750	Abrams Upgrade Program.....	114
14	01	30	GA0050	Production Base Support (TCV-WTCV).....	122

UNCLASSIFIED

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Army • President's Budget Submission FY 2014 • Procurement

***Appropriation 2033A: Procurement of W&TCV, Army***

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Line #	BA	BSA	Line Item Number	Line Item Title	Page
15	02	10	G16101	Integrated Air Burst Weapon System Family.....	127
16	02	10	GB2000	Machine Gun, Cal .50 M2 Roll.....	135
17	02	10	G12800	Lightweight .50 Caliber Machine Gun.....	139
18	02	10	G02200	Mortar Systems.....	147
19	02	10	G01501	XM320 Grenade Launcher Module (GLM).....	154
20	02	10	G14904	M4 Carbine.....	163
21	02	10	G13501	Carbine.....	171
22	02	10	G18300	Shotgun, Modular Accessory System (MASS).....	184
23	02	10	G04700	Common Remotely Operated Weapons Station.....	192
24	02	10	G15325	Handgun.....	201
25	02	10	G01700	Howitzer Lt Wt 155mm (T).....	202
26	02	20	GZ1700	M777 Mods.....	210
27	02	20	GB3007	M4 Carbine Mods.....	221
28	02	20	GB4000	M2 50 Cal Machine Gun MODS.....	229
29	02	20	GZ1290	M249 SAW Machine Gun MODS.....	236
30	02	20	GZ1300	M240 Medium Machine Gun MODS.....	245

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UNCLASSIFIED

Army • President's Budget Submission FY 2014 • Procurement

***Appropriation 2033A: Procurement of W&TCV, Army***

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Line #	BA	BSA	Line Item Number	Line Item Title	Page
31	02	20	GZ1500	Sniper Rifles Modifications.....	250
32	02	20	GC0401	M119 Modifications.....	259
33	02	20	GZ2800	M16 Rifle Mods.....	266
34	02	20	GC0925	Modifications Less Than \$5.0m (WOCV-WTCV).....	274
35	02	30	GL3200	Items Less Than \$5.0m (WOCV-WTCV).....	275
36	02	30	GC0050	Production Base Support (WOCV-WTCV).....	276
37	02	30	GC0075	Industrial Preparedness.....	283
38	02	30	GC0076	Small Arms Equipment (Soldier Enh Prog).....	284

***Appropriation 2033A: Procurement of W&TCV, Army***

---

Line #	BA	BSA	Line Item Number	Line Item Title	Page
39	03	10	GE0150	Spares And Repair Parts (WTCV).....	285

UNCLASSIFIED

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Army • President's Budget Submission FY 2014 • Procurement

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

<b>Line Item Title</b>	<b>Line Item Number</b>	<b>Line #</b>	<b>BA</b>	<b>BSA</b>	<b>Page</b>
Abrams Upgrade Program	GA0750	13	01	20.....	114
Assault Breacher Vehicle	G82925	9	01	20.....	84
Assault Bridge (Mod)	GZ3250	8	01	20.....	78
Bradley Program (MOD)	GZ2400	4	01	20.....	34
Carbine	G13501	21	02	10.....	171
Common Remotely Operated Weapons Station	G04700	23	02	10.....	192
FIST Vehicle (Mod)	GZ2300	3	01	20.....	28
Handgun	G15325	24	02	10.....	201
Howitzer Lt Wt 155mm (T)	G01700	25	02	10.....	202
Howitzer, Med Sp Ft 155MM M109A6 (MOD)	GA0400	5	01	20.....	48
Improved Recovery Vehicle (M88A2 HERCULES)	GA0570	7	01	20.....	70
Industrial Preparedness	GC0075	37	02	30.....	283
Integrated Air Burst Weapon System Family	G16101	15	02	10.....	127
Items Less Than \$5.0m (WOCV-WTCV)	GL3200	35	02	30.....	275
Joint Assault Bridge	GZ3001	11	01	20.....	99
Lightweight .50 Caliber Machine Gun	G12800	17	02	10.....	139
M1 Abrams Tank (MOD)	GA0700	12	01	20.....	101

**UNCLASSIFIED**

**UNCLASSIFIED**

Army • President's Budget Submission FY 2014 • Procurement

Line Item Title	Line Item Number	Line #	BA	BSA	Page
M119 Modifications	GC0401	32	02	20.....	259
M16 Rifle Mods	GZ2800	33	02	20.....	266
M2 50 Cal Machine Gun MODS	GB4000	28	02	20.....	229
M240 Medium Machine Gun MODS	GZ1300	30	02	20.....	245
M249 SAW Machine Gun MODS	GZ1290	29	02	20.....	236
M4 Carbine	G14904	20	02	10.....	163
M4 Carbine Mods	GB3007	27	02	20.....	221
M777 Mods	GZ1700	26	02	20.....	210
M88 FOV MODS	G80571	10	01	20.....	94
Machine Gun, Cal .50 M2 Roll	GB2000	16	02	10.....	135
Modifications Less Than \$5.0m (WOCV-WTCV)	GC0925	34	02	20.....	274
Mortar Systems	G02200	18	02	10.....	147
Paladin Integrated Management (PIM)	GZ0410	6	01	20.....	61
Production Base Support (TCV-WTCV)	GA0050	14	01	30.....	122
Production Base Support (WOCV-WTCV)	GC0050	36	02	30.....	276
Shotgun, Modular Accessory System (MASS)	G18300	22	02	10.....	184
Small Arms Equipment (Soldier Enh Prog)	GC0076	38	02	30.....	284
Sniper Rifles Modifications	GZ1500	31	02	20.....	250
Spares And Repair Parts (WTCV)	GE0150	39	03	10.....	285
Stryker (Mod)	GM0100	2	01	20.....	10

**UNCLASSIFIED**

UNCLASSIFIED

Army • President's Budget Submission FY 2014 • Procurement

Line Item Title	Line Item Number	Line #	BA	BSA	Page
Stryker Vehicle	G85100	1	01	10.....	1
XM320 Grenade Launcher Module (GLM)	G01501	19	02	10.....	154

# UNCLASSIFIED

<b>Exhibit P-40, Budget Item Justification Sheet:</b> PB 2014 Army										<b>Date:</b> April 2013		
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 2033A: Procurement of W&TCV, Army / BA 01: Tracked Combat Vehicles / BSA 10: Tracked Combat Vehicles							<b>P-1 Line Item Nomenclature:</b> G85100 - Stryker Vehicle					
<b>ID Code</b> (A=Service Ready, B=Not Service Ready) : A				<b>Program Elements for Code B Items:</b>				<b>Other Related Program Elements:</b>				
<b>MDAP/MAIS Code(s):</b>												
<b>Resource Summary</b>	<b>Prior Years</b>	<b>FY 2012</b>	<b>FY 2013<sup>#</sup></b>	<b>FY 2014 Base</b>	<b>FY 2014 OCO<sup>##</sup></b>	<b>FY 2014 Total</b>	<b>FY 2015</b>	<b>FY 2016</b>	<b>FY 2017</b>	<b>FY 2018</b>	<b>To Complete</b>	<b>Total</b>
Procurement Quantity ( <i>Units in Each</i> )	4,349	100	58	-	-	-	-	-	-	-	513	5,020
Gross/Weapon System Cost ( <i>\$ in Millions</i> )	13,531.174	606.894	286.818	374.100	-	374.100	479.176	185.131	-	-	2,541.543	18,004.836
Less PY Advance Procurement ( <i>\$ in Millions</i> )	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) ( <i>\$ in Millions</i> )	13,531.174	606.894	286.818	374.100	-	374.100	479.176	185.131	-	-	2,541.543	18,004.836
Plus CY Advance Procurement ( <i>\$ in Millions</i> )	-	-	-	-	-	-	-	-	-	-	-	-
<b>Total Obligation Authority</b> ( <i>\$ in Millions</i> )	<b>13,531.174</b>	<b>606.894</b>	<b>286.818</b>	<b>374.100</b>	<b>-</b>	<b>374.100</b>	<b>479.176</b>	<b>185.131</b>	<b>-</b>	<b>-</b>	<b>2,541.543</b>	<b>18,004.836</b>
<i>(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)</i>												
Initial Spares ( <i>\$ in Millions</i> )	-	-	-	-	-	-	-	-	-	-	-	-
Flyaway Unit Cost ( <i>Units in Thousands</i> )	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost ( <i>Units in Thousands</i> )	3,111.330	6,068.940	4,945.138	-	-	-	-	-	-	-	4,954.275	3.587
<p><sup>#</sup> FY 2013 Program is from the FY 2013 President's Budget, submitted February 2012</p> <p><sup>##</sup> The FY 2014 OCO Request will be submitted at a later date</p> <p><b>Description:</b></p> <p>A dynamic asymmetric threat and operational environment demands full spectrum, strategically responsive, agile and dominant land forces. Immediate response by a lethal, versatile, tactically agile joint force capable of operational maneuver is essential to fulfilling the Army's Warfighting needs. The Stryker-equipped Brigade Combat Team (BCT) is this force. The use of a common platform/common chassis design reduces requirements for repair parts and logistics support in the area of operations.</p> <p>The Stryker Brigade Combat Team (SBCT), equipped with Stryker Vehicles, can be used across the full spectrum of military operations. The Stryker Brigade Combat Team deploys rapidly and conducts effective combat operations immediately on arrival to prevent, contain, stabilize, or resolve a conflict through shaping and decisive operations. Configurations of Stryker Vehicles are:</p> <p>Infantry Carrier: The Infantry Carrier Vehicle (ICV) carries an infantry squad with individual equipment. The ICV also provides protected transport and supporting fires for the infantry squad during dismounted assault.</p> <p>Reconnaissance Vehicle: The Reconnaissance Vehicle (RV) provides force situational awareness, gathering and transmitting real time intelligence while moving throughout the battlefield in close, complex, and urban terrain.</p> <p>Mobile Gun System: The Mobile Gun System (MGS) supports dismounted infantry and engages the enemy in close combat in order to clear opposition and permit rapid movement, allowing the force to maintain the initiative, occupy and/or secure key objectives, and defeat strong points.</p> <p>Mortar Carrier: The Mortar Carrier (MC) supports infantry units with screening obscurants, suppressive forces and on-call supporting fires. 120mm, 81mm, and 60mm mortars provide complementary capabilities with responsive, accurate and lethal indirect fire support to the dismounted infantry assault.</p> <p>Commander's Vehicle: The Commander's Vehicle (CV) provides the brigade commanders and infantry battalion commanders with the means to receive information and data, analyze, prepare and transmit data, and control the forces/functions carrying out combat missions.</p> <p>Fire Support Vehicle: The Fire Support Vehicle (FSV) provides automated enhanced surveillance, target acquisition, target identification, target tracking, target designation, position location, and communications functionality. Targets will be transmitted instantly to the fire support system and shooter.</p> <p>Engineer Squad Vehicle: The Engineer Squad Vehicle (ESV) provides maneuver/mobility support capabilities which include obstacle clearing, in-stride breaching of surface mines, proofing of subsurface mines, and smoke generation for local protection.</p> <p>Medical Evacuation Vehicle: The Medical Evacuation Vehicle (MEV) is the Battalion Aid Station for brigade units, providing treatment for serious injury and advanced trauma cases.</p>												



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<b>Exhibit P-40, Budget Item Justification Sheet:</b> PB 2014 Army								<b>Date:</b> April 2013			
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 2033A: Procurement of W&TCV, Army / BA 01: Tracked Combat Vehicles / BSA 10: Tracked Combat Vehicles								<b>P-1 Line Item Nomenclature:</b> G85100 - Stryker Vehicle			
<b>ID Code</b> (A=Service Ready, B=Not Service Ready) : A				<b>Program Elements for Code B Items:</b>				<b>Other Related Program Elements:</b>			
<b>MDAP/MAIS Code(s):</b>  Antitank Guided Missile Vehicle: The Antitank Guided Missile Vehicle (ATGM) is the brigade's primary tank killing system. The ATGM reinforces the brigade's infantry battalion, reinforces the brigade reconnaissance squadron, and provides long-range direct fire. NBC Reconnaissance Vehicle: The Nuclear, Biological, Chemical Reconnaissance Vehicle (NBCRV) provides on the move and remote near-real-time nuclear, biological and chemical detection and surveillance to supply battlefield visualization of NBC hazards.											

  

Secondary Distribution		FY 2012	FY 2013	FY 2014 Base	FY 2014 OCO	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018
Army	Quantity	62	26	-	-	-	-	-	-	-
	Total Obligation Authority	327.723	128.574	374.100	-	374.100	479.176	185.131	-	-
ANG	Quantity	25	24	-	-	-	-	-	-	-
	Total Obligation Authority	109.241	118.683	-	-	-	-	-	-	-
AR	Quantity	13	8	-	-	-	-	-	-	-
	Total Obligation Authority	169.930	39.561	-	-	-	-	-	-	-

  

Item Schedule			Prior Years			FY 2012			FY 2013			FY 2014 Base			FY 2014 OCO			FY 2014 Total		
Item Nomenclature*	Exhibits	ID CD	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)
G85100 - Stryker Vehicle	P5, P5A, P21	A	3,111.330	-	13,531.174	-	100	606.894	-	58	286.818	-	-	374.100	-	-	-	-	-	374.100
<b>Total Gross/Weapon System Cost</b>					<b>13,531.174</b>			<b>606.894</b>			<b>286.818</b>			<b>374.100</b>			<b>-</b>			<b>374.100</b>

\*Item Nomenclature represents Item Number, DODIC, and Item Name for the P40A and P5; Name for the P18 and P23; Modification Number and Modification Title for the P3A; Item Number and Item Name for the P10.

Note: Totals in this Exhibit P-40 set may not be exact or add due to rounding.

**Justification:**

FY 2014 Base procurement dollars in the amount of \$374.100 million supports NBCRV production/delivery of vehicles ordered in FY 2013 and the remaining activities needed to support Stryker's transition from the production to the sustainment phase of the life cycle. These activities include system fielding support, software support, logistics engineering support, system technical support, and program management personnel (government and contractor). FY 2014 funding also supports Double V Hull (DVH) Exchange requirements for a 3rd brigade set of DVH Exchange Vehicles and costs associated with achieving full material release for the DVH configurations.

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.

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Exhibit P-5, Cost Analysis: PB 2014 Army														Date: April 2013					
Appropriation / Budget Activity / Budget Sub Activity: 2033A: Procurement of W&TCV, Army / BA 01: Tracked Combat Vehicles / BSA 10: Tracked Combat Vehicles							MDAP/MAIS Code: 299		P-1 Line Item Nomenclature: G85100 - Stryker Vehicle					Item Nomenclature ( <i>Item Number - Item Name, DODIC</i> ): G85100 - Stryker Vehicle					
Resource Summary					Prior Years		FY 2012		FY 2013 <sup>#</sup>		FY 2014 Base		FY 2014 OCO <sup>##</sup>		FY 2014 Total				
Procurement Quantity ( <i>Units in Each</i> )					-		100		58		-		-		-				
Gross/Weapon System Cost ( <i>\$ in Millions</i> )					13,531.174		606.894		286.818		374.100		-		374.100				
Less PY Advance Procurement ( <i>\$ in Millions</i> )					-		-		-		-		-		-				
Net Procurement (P1) ( <i>\$ in Millions</i> )					13,531.174		606.894		286.818		374.100		-		374.100				
Plus CY Advance Procurement ( <i>\$ in Millions</i> )					-		-		-		-		-		-				
Total Obligation Authority ( <i>\$ in Millions</i> )					13,531.174		606.894		286.818		374.100		-		374.100				
(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)																			
Initial Spares ( <i>\$ in Millions</i> )					-		-		-		-		-		-				
Gross/Weapon System Unit Cost ( <i>Units in Thousands</i> )					3,111.330		6,068.940		4,945.138		-		-		-				
<sup>#</sup> FY 2013 Program is from the FY 2013 President's Budget, submitted February 2012																			
<sup>##</sup> The FY 2014 OCO Request will be submitted at a later date																			
Cost Elements († indicates the presence of a P-5A)	ID CD	All Prior Years			FY 2012			FY 2013			FY 2014 Base			FY 2014 OCO			FY 2014 Total		
		Unit Cost (\$ K)	Quantity (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Quantity (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Quantity (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Quantity (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Quantity (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Quantity (Each)	Total Cost (\$ M)
Flyaway Cost																			
Recurring Cost																			
Infantry Carrier Vehicle (ICV)		513.000	1,972	1,011.636	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Reconnaissance Vehicle (RV)		1,150.000	545	626.846	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Anti-Tank Guided Missile Vehicle (ATGM)		5,000.000	133	665.050	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Mortar Carrier (MC)		1,634.000	441	720.411	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Fire Support Vehicle (FSV)		3,572.000	188	671.597	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Engineer Squad Vehicle (ESV)		3,889.000	168	653.307	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Commander's Vehicle (CV)		2,024.000	348	704.347	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Medical Evacuation Vehicle (MEV)		2,159.000	304	656.415	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
† NBC Reconnaissance Vehicle (NBCRV)		5,404.000	116	626.846	3,036.000	100	297.625	2,929.000	58	169.890	-	-	-	-	-	-	-	-	-
NBC RV Sensor Suite		-	-	-	-	-	41.580	-	-	-	-	-	-	-	-	-	-	-	-
Mobile Gun System (MGS)		4,678.000	134	626.846	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

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<b>Exhibit P-5, Cost Analysis: PB 2014 Army</b>																<b>Date:</b> April 2013			
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 2033A: Procurement of W&TCV, Army / BA 01: Tracked Combat Vehicles / BSA 10: Tracked Combat Vehicles								<b>MDAP/MAIS Code:</b> 299			<b>P-1 Line Item Nomenclature:</b> G85100 - Stryker Vehicle					<b>Item Nomenclature (Item Number - Item Name, DODIC):</b> G85100 - Stryker Vehicle			
Cost Elements († indicates the presence of a P-5A)	ID CD	All Prior Years			FY 2012			FY 2013			FY 2014 Base			FY 2014 OCO			FY 2014 Total		
		Unit Cost (\$ K )	Quantity (Each)	Total Cost (\$ M )	Unit Cost (\$ K )	Quantity (Each)	Total Cost (\$ M )	Unit Cost (\$ K )	Quantity (Each)	Total Cost (\$ M )	Unit Cost (\$ K )	Quantity (Each)	Total Cost (\$ M )	Unit Cost (\$ K )	Quantity (Each)	Total Cost (\$ M )	Unit Cost (\$ K )	Quantity (Each)	Total Cost (\$ M )
Surv Enhancement (SRAT/DEK/SLAT/CBS/HPK)		-	-	-	-	-	17.600	-	-	-	-	-	-	-	-	-	-	-	-
GFE (ASIOE/COEI/AAL)		-	-	1,190.511	-	-	46.359	-	-	28.308	-	-	-	-	-	-	-	-	-
Engineering Change Orders (ECO)		-	-	154.523	-	-	11.411	-	-	6.564	-	-	-	-	-	-	-	-	-
Basic Issue Items (BII)		-	-	-	-	-	11.044	-	-	6.875	-	-	-	-	-	-	-	-	-
Government Test		-	-	180.360	-	-	12.514	-	-	-	-	-	0.353	-	-	-	-	-	0.353
Contractor Support to Test		-	-	243.596	-	-	34.044	-	-	-	-	-	-	-	-	-	-	-	-
Refurbishment of Test Vehicles		-	-	2.559	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Program Management Support (Govt)		-	-	489.603	-	-	22.837	-	-	23.317	-	-	23.310	-	-	-	-	-	23.310
Program Management Support (Contractor)		-	-	15.141	-	-	16.897	-	-	9.169	-	-	7.270	-	-	-	-	-	7.270
Logistics Engineer Support (Contractor)		-	-	193.399	-	-	14.900	-	-	14.125	-	-	13.328	-	-	-	-	-	13.328
Depot Level Repair Instruction/Equipment		-	-	76.179	-	-	12.686	-	-	-	-	-	-	-	-	-	-	-	-
System Fielding Support		-	-	445.250	-	-	29.651	-	-	8.122	-	-	18.984	-	-	-	-	-	18.984
Vehicle Retrofit/OIF Fixes		-	-	1,744.213	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Post Production Mods (unscheduled mods)		-	-	699.236	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Initial Spares/ Authoriz'd Stock List ASL		-	-	275.314	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Support Equipment (STTE)		-	-	51.334	-	-	0.448	-	-	0.127	-	-	-	-	-	-	-	-	-
Training Devices		-	-	230.890	-	-	2.853	-	-	0.605	-	-	0.263	-	-	-	-	-	0.263
System Technical Support (STS)		-	-	561.458	-	-	27.793	-	-	16.122	-	-	15.356	-	-	-	-	-	15.356
Software Support (Contractor)		-	-	10.044	-	-	6.648	-	-	3.594	-	-	5.234	-	-	-	-	-	5.234
Integrated Data Environment		-	-	4.263	-	-	0.004	-	-	-	-	-	-	-	-	-	-	-	-

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<b>Exhibit P-5, Cost Analysis:</b> PB 2014 Army												<b>Date:</b> April 2013							
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 2033A: Procurement of W&TCV, Army / BA 01: Tracked Combat Vehicles / BSA 10: Tracked Combat Vehicles						<b>MDAP/MAIS Code:</b> 299			<b>P-1 Line Item Nomenclature:</b> G85100 - Stryker Vehicle						<b>Item Nomenclature (Item Number - Item Name, DODIC):</b> G85100 - Stryker Vehicle				

Cost Elements († indicates the presence of a P-5A)	ID CD	All Prior Years			FY 2012			FY 2013			FY 2014 Base			FY 2014 OCO			FY 2014 Total		
		Unit Cost (\$ K )	Quantity (Each)	Total Cost (\$ M )	Unit Cost (\$ K )	Quantity (Each)	Total Cost (\$ M )	Unit Cost (\$ K )	Quantity (Each)	Total Cost (\$ M )	Unit Cost (\$ K )	Quantity (Each)	Total Cost (\$ M )	Unit Cost (\$ K )	Quantity (Each)	Total Cost (\$ M )	Unit Cost (\$ K )	Quantity (Each)	Total Cost (\$ M )
Double V Hull (DVH) Exchange		-	-	-	-	-	-	-	-	-	-	-	233.517	-	-	-	-	-	233.517
DVH Exchange GFE		-	-	-	-	-	-	-	-	-	-	-	17.154	-	-	-	-	-	17.154
DVH Exchange System Fielding Support		-	-	-	-	-	-	-	-	-	-	-	34.635	-	-	-	-	-	34.635
DVH Full Material Release		-	-	-	-	-	-	-	-	-	-	-	4.696	-	-	-	-	-	4.696
Total Recurring Cost				13,531.174			606.894			286.818			374.100			-			374.100
Total Flyaway Cost				13,531.174			606.894			286.818			374.100			-			374.100
Gross Weapon System Cost				13,531.174			606.894			286.818			374.100			-			374.100

**P-5 Remarks:**

Secondary Distribution		FY 2012	FY 2013	FY 2014 Base	FY 2014 OCO	FY 2014 Total
Army	Quantity	62	26	-	-	-
	Total Obligation Authority	327.723	128.574	374.100	-	374.100
ANG	Quantity	25	24	-	-	-
	Total Obligation Authority	109.241	118.683	-	-	-
AR	Quantity	13	8	-	-	-
	Total Obligation Authority	169.930	39.561	-	-	-

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<b>Exhibit P-5A, Budget Procurement History and Planning:</b> PB 2014 Army										<b>Date:</b> April 2013		
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 2033A: Procurement of W&TCV, Army / BA 01: Tracked Combat Vehicles / BSA 10: Tracked Combat Vehicles				<b>P-1 Line Item Nomenclature:</b> G85100 - Stryker Vehicle				<b>Item Nomenclature:</b> G85100 - Stryker Vehicle				
<b>Cost Elements</b> <small>(† indicates the presence of a P-21)</small>	<b>O C O</b>	<b>FY</b>	<b>Contractor and Location</b>	<b>Method/Type, or Funding Vehicle</b>	<b>Location of PCO</b>	<b>Award Date</b>	<b>Date of First Delivery</b>	<b>Qty</b> <small>(Each)</small>	<b>Unit Cost</b> <small>(\$ K.)</small>	<b>Specs Avail Now?</b>	<b>Date Revsn Avail</b>	<b>RFP Issue Date</b>
†NBC Reconnaissance Vehicle (NBCRV)		2012	GM GDLS Defense Group L.L.C. / Shelby Township	SS / FFP	TACOM	Dec 2011	Apr 2013	100	3,036.000	N		
†NBC Reconnaissance Vehicle (NBCRV)		2013	GM GDLS Defense Group L.L.C. / Shelby Township	SS / FFP	TACOM	Jan 2013	Apr 2014	58	2,929.000	N		
<b>Remarks:</b> Stryker vehicle contract has range pricing that is predicated on the total buy quantity as well as by specific variant.												

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Exhibit P-21, Budget Production Schedule: PB 2014 Army																								Date: April 2013											
Appropriation / Budget Activity / Budget Sub Activity: 2033A: Procurement of W&TCV, Army / BA 01: Tracked Combat Vehicles / BSA 10: Tracked Combat Vehicles										P-1 Line Item Nomenclature: G85100 - Stryker Vehicle										Item Nomenclature: G85100 - Stryker Vehicle															
Cost Elements (Units in Each)							Fiscal Year 2012												Fiscal Year 2013																
O C C O	M F R #	FY	SERVICE±	PROC QTY	ACCEP PRIOR TO 1 OCT 2011	BAL DUE AS OF 1 OCT	Calendar Year 2012																Calendar Year 2013												B A L
							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					
NBC Reconnaissance Vehicle (NBCRV)																																			
All Prior Years Deliveries: 457																																			
	1	2012	ARMY	100	-	100	-	-	A -	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	3	6	10	10	10	60			
	1	2013	ARMY <sup>(1)</sup>	58	-	58	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	A -	-	-	-	-	-	-	-	-	-	58			
							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	B A L				

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Exhibit P-21, Budget Production Schedule: PB 2014 Army																				Date: April 2013																			
Appropriation / Budget Activity / Budget Sub Activity: 2033A: Procurement of W&TCV, Army / BA 01: Tracked Combat Vehicles / BSA 10: Tracked Combat Vehicles										P-1 Line Item Nomenclature: G85100 - Stryker Vehicle										Item Nomenclature: G85100 - Stryker Vehicle																			
Cost Elements (Units in Each)							Fiscal Year 2014										Fiscal Year 2015																						
O C C O	M F R #	FY	SERVICE±	PROC QTY	ACCEP PRIOR TO 1 OCT 2013	BAL DUE AS OF 1 OCT	Calendar Year 2014										Calendar Year 2015																						
							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	B A L								
NBC Reconnaissance Vehicle (NBCRV)																																							
All Prior Years Deliveries: 457																																							
	1	2012	ARMY	100	40	60	10	10	10	10	10	10																					-						
	1	2013	ARMY (1)	58	-	58	-	-	-	-	-	-	10	10	10	10	10	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	B A L								

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<b>Exhibit P-21, Budget Production Schedule:</b> PB 2014 Army		<b>Date:</b> April 2013
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 2033A: Procurement of W&TCV, Army / BA 01: Tracked Combat Vehicles / BSA 10: Tracked Combat Vehicles	<b>P-1 Line Item Nomenclature:</b> G85100 - Stryker Vehicle	<b>Item Nomenclature:</b> G85100 - Stryker Vehicle

		Production Rates (Each / Month)			Procurement Leadtime (Months)							
MFR #	MFR Name - Location	MSR	1-8-5	MAX	Initial				Reorder			
					ALT Prior to Oct 1	ALT After Oct 1	Mfg PLT	Total After Oct 1	ALT Prior to Oct 1	ALT After Oct 1	Mfg PLT	Total After Oct 1
1	GM GDLS Defense Group L.L.C. - Shelby Township	240.00	480.00	720.00	-	3	16	19	-	4	15	19

**Remarks:**

Lead times for the Stryker Production 8 variants is 11-13 Months. Lead time for the NBCRV is 15 Months and lead time for the MGS is 21 Months. For the FY 2011 Funded vehicles only, the contractor was able to reduce the manufacturing/ delivery leadtime through early order of long leadtime materials at their own risk. Production rates dip below the Minimum 20 per month because the Joint Project Manager (JPM) responsible for providing the NBCRV Sensor Suites to the Contractor as Government Furnished Material (GFM) can only support production of 10 NBCRV's per month.

"A" in the Delivery Schedule indicated the Contract Award Date.

Due to space limitations, quantities in the Exhibit P-21 delivery calendar are truncated and rounded based on the maximum quantity in the calendar as follows. If the maximum quantity is less than or equal to than 99,999, all quantities are shown as each. If the maximum quantity is between 100,000 and 99,999,499 all quantities are shown in thousands (rounded to the nearest thousand). If the maximum quantity is greater than 99,999,499 all quantities are shown in millions (rounded to the nearest million).

**Service/Agency Suffixes:**

<sup>(1)</sup> BASE



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<b>Exhibit P-40, Budget Item Justification Sheet:</b> PB 2014 Army	<b>Date:</b> April 2013
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<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 2033A: Procurement of W&TCV, Army / BA 01: Tracked Combat Vehicles / BSA 20: Modification Of Tracked Combat Vehicles	<b>P-1 Line Item Nomenclature:</b> GM0100 - Stryker (Mod)
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<b>ID Code</b> (A=Service Ready, B=Not Service Ready) : A	<b>Program Elements for Code B Items:</b> 0603653A	<b>Other Related Program Elements:</b>
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**MDAP/MAIS Code(s):**

Resource Summary	Prior Years	FY 2012	FY 2013 <sup>#</sup>	FY 2014 Base	FY 2014 OCO <sup>##</sup>	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total
Procurement Quantity <i>(Units in Each)</i>	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost <i>(\$ in Millions)</i>	84.573	51.497	60.881	20.522	-	20.522	69.686	66.792	383.879	477.000	893.439	2,108.269
Less PY Advance Procurement <i>(\$ in Millions)</i>	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) <i>(\$ in Millions)</i>	84.573	51.497	60.881	20.522	-	20.522	69.686	66.792	383.879	477.000	893.439	2,108.269
Plus CY Advance Procurement <i>(\$ in Millions)</i>	-	-	-	-	-	-	-	-	-	-	-	-
<b>Total Obligation Authority</b> <i>(\$ in Millions)</i>	<b>84.573</b>	<b>51.497</b>	<b>60.881</b>	<b>20.522</b>	<b>-</b>	<b>20.522</b>	<b>69.686</b>	<b>66.792</b>	<b>383.879</b>	<b>477.000</b>	<b>893.439</b>	<b>2,108.269</b>

*(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>(Units in Thousands)</i>	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost <i>(Units in Thousands)</i>	-	-	-	-	-	-	-	-	-	-	-	-

<sup>#</sup> FY 2013 Program is from the FY 2013 President's Budget, submitted February 2012

<sup>##</sup> The FY 2014 OCO Request will be submitted at a later date

**Description:**

Modifications to the Stryker Family of Vehicles (FOV) are required to resolve various C4ISR obsolescence issues, address safety and operational-related issues, and to provide system-specific training devices to support the requirement for a new 91S Stryker Vehicle Maintainer training course.

Secondary Distribution		FY 2012	FY 2013	FY 2014 Base	FY 2014 OCO	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018
Army	Quantity	-	-	-	-	-	-	-	-	-
	Total Obligation Authority	51.497	60.881	20.522	-	20.522	69.686	66.792	383.879	477.000

Item Schedule			Prior Years			FY 2012			FY 2013			FY 2014 Base			FY 2014 OCO			FY 2014 Total		
Item Nomenclature*	Exhibits	ID CD	Unit Cost (\$ K )	Qty (Each)	Total Cost (\$ M )	Unit Cost (\$ K )	Qty (Each)	Total Cost (\$ M )	Unit Cost (\$ K )	Qty (Each)	Total Cost (\$ M )	Unit Cost (\$ K )	Qty (Each)	Total Cost (\$ M )	Unit Cost (\$ K )	Qty (Each)	Total Cost (\$ M )	Unit Cost (\$ K )	Qty (Each)	Total Cost (\$ M )
0 - STRYKER MODIFICATION	P3A		-	-	84.573	-	-	51.497	-	-	60.881	-	-	20.522	-	-	-	-	-	20.522
Total Gross/Weapon System Cost					84.573			51.497			60.881			20.522			-			20.522

**UNCLASSIFIED**

<b>Exhibit P-40, Budget Item Justification Sheet:</b> PB 2014 Army	<b>Date:</b> April 2013
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<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 2033A: Procurement of W&TCV, Army / BA 01: Tracked Combat Vehicles / BSA 20: Modification Of Tracked Combat Vehicles	<b>P-1 Line Item Nomenclature:</b> GM0100 - Stryker (Mod)
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<b>ID Code</b> (A=Service Ready, B=Not Service Ready) : A	<b>Program Elements for Code B Items:</b> 0603653A	<b>Other Related Program Elements:</b>
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**MDAP/MAIS Code(s):**

Item Schedule		ID CD	FY 2015			FY 2016			FY 2017			FY 2018			To Complete			Total		
Item Nomenclature*	Exhibits		Unit Cost (\$ K )	Qty (Each)	Total Cost (\$ M )	Unit Cost (\$ K )	Qty (Each)	Total Cost (\$ M )	Unit Cost (\$ K )	Qty (Each)	Total Cost (\$ M )	Unit Cost (\$ K )	Qty (Each)	Total Cost (\$ M )	Unit Cost (\$ K )	Qty (Each)	Total Cost (\$ M )	Unit Cost (\$ K )	Qty (Each)	Total Cost (\$ M )
0 - STRYKER MODIFICATION	P3A		-	-	69.686	-	-	66.792	-	-	383.879	-	-	477.000	-	-	893.439	-	-	2,108.269
<b>Total Gross/Weapon System Cost</b>					<b>69.686</b>			<b>66.792</b>			<b>383.879</b>			<b>477.000</b>			<b>893.439</b>			<b>2,108.269</b>

\*Item Nomenclature represents Item Number, DODIC, and Item Name for the P40A and P5; Name for the P18 and P23; Modification Number and Modification Title for the P3A; Item Number and Item Name for the P10.

Note: Totals in this Exhibit P-40 set may not be exact or add due to rounding.

**Justification:**

FY 2014 Base procurement dollars in the amount \$20.522 million supports the development and execution of modifications to Stryker Training Aids, Devices, Simulators, and Simulations (TADDS) to ensure Stryker soldiers continue to train using equipment that reflects the configuration and behavior of the current fielded vehicle configuration. FY 2014 Base procurement dollars also provide for the maintenance of the Stryker test fleet to ensure test assets are positioned to provide accurate, verifiable test results. Additionally, FY 2014 Base funding continues retrofit planning efforts and retrofit site management to ensure modification kits procured are applied in an efficient and effective fashion.

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

<b>Exhibit P-3A, Individual Modification:</b> PB 2014 Army										<b>Date:</b> April 2013		
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 2033A: Procurement of W&TCV, Army / BA 01: Tracked Combat Vehicles / BSA 20: Modification Of Tracked Combat Vehicles				<b>P-1 Line Item Nomenclature:</b> GM0100 - Stryker (Mod)						<b>Modification Nomenclature</b> (Modification Number - Modification Title): 0 - STRYKER MODIFICATION		
<b>Models of Systems Affected:</b> VARIOUS				<b>Type Modification:</b> 0				<b>Related RDT&amp;E PEs:</b>				
<b>Resource Summary</b>	<b>Prior Years</b>	<b>FY 2012</b>	<b>FY 2013<sup>#</sup></b>	<b>FY 2014 Base</b>	<b>FY 2014 OCO<sup>##</sup></b>	<b>FY 2014 Total</b>	<b>FY 2015</b>	<b>FY 2016</b>	<b>FY 2017</b>	<b>FY 2018</b>	<b>To Complete</b>	<b>Total</b>
Procurement Quantity (Units in Each)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost (\$ in Millions)	84.573	51.497	60.881	20.522	-	20.522	69.686	66.792	383.879	477.000	893.439	2,108.269
Less PY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (\$ in Millions)	84.573	51.497	60.881	20.522	-	20.522	69.686	66.792	383.879	477.000	893.439	2,108.269
Plus CY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
<b>Total Obligation Authority (\$ in Millions)</b>	<b>84.573</b>	<b>51.497</b>	<b>60.881</b>	<b>20.522</b>	<b>-</b>	<b>20.522</b>	<b>69.686</b>	<b>66.792</b>	<b>383.879</b>	<b>477.000</b>	<b>893.439</b>	<b>2,108.269</b>
<i>(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)</i>												
Initial Spares (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost (Units in Thousands)	-	-	-	-	-	-	-	-	-	-	-	-
<p><sup>#</sup> FY 2013 Program is from the FY 2013 President's Budget, submitted February 2012</p> <p><sup>##</sup> The FY 2014 OCO Request will be submitted at a later date</p> <p><b>Description:</b></p> <p>Modifications are needed to support obsolescence issues with Command, Control, Communications, Computer, and Intelligence (C4I) components of the Stryker Vehicles (Blue Force Tracker (BFT2), KGV-72, and the VRC-103 radio). Modifications to the Stryker Family of Vehicles (FOV) are also required to achieve MGS Full Materiel Release (FMR) and to address safety and operational-related issues on both the Stryker flat-bottom and DVH fleets. Additionally, to ensure Stryker soldiers continue to receive maintenance training consistent with Army prescribed Stryker training programs, the procurement of system-specific training devices is required to the support the emerging 91S Stryker Vehicle Maintainer training course as well as the modification of Stryker Training Aids, Devices, Simulators, and Simulations (TADDS) to ensure Stryker soldiers continue to train using equipment that mirrors the configuration and behavior of the current fielded vehicle configuration, is required.</p>												

**UNCLASSIFIED**

Exhibit P-3A, Individual Modification: PB 2014 Army									Date: April 2013			
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 Nomenclature: GM0100 - Stryker (Mod)					Modification Nomenclature (Modification Number - Modification Title): 0 - STRYKER MODIFICATION			
Models of Systems Affected: VARIOUS				Type Modification: 0				Related RDT&E PEs:				
Financial Plan	Prior Years	FY 2012	FY 2013	FY 2014 Base	FY 2014 OCO	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)
Procurement												
Prior Year Completed Mods												
A Kits												
Recurring												
Hardware	274 / 7.442	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	274 / 7.442
Test Support	0 / 0.206	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 0.206
PM Support	0 / 0.141	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 0.141
Subtotal Recurring	274 / 7.789	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	274 / 7.789
Total, Prior Year Completed Mods	274 / 7.789	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	274 / 7.789
Mobile Gun System (MGS) Full Materiel Release												
A Kits												
Recurring												
Hardware	0 / 0.000	297 / 2.085	- / -	- / -	- / -	- / -	229 / 3.156	- / -	- / -	- / -	- / -	526 / 5.241
PM Support	0 / 0.000	- / 0.277	- / -	- / -	- / -	- / -	- / 1.087	- / -	- / -	- / -	- / -	- / 1.364
Subtotal Recurring	0 / 0.000	297 / 2.362	- / -	- / -	- / -	- / -	229 / 4.243	- / -	- / -	- / -	- / -	526 / 6.605
Non-Recurring												
Engineer Support	0 / 0.000	- / 0.281	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 0.281
Subtotal Non-Recurring	0 / 0.000	- / 0.281	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 0.281
Total, Mobile Gun System (MGS) Full Materiel Release	0 / 0.000	297 / 2.643	- / -	- / -	- / -	- / -	229 / 4.243	- / -	- / -	- / -	- / -	526 / 6.886
Fleet Modifications												
A Kits												
Recurring												
Hardware	0 / 0.000	- / -	- / -	- / -	- / -	- / -	597 / 11.559	848 / 33.658	815 / 34.461	669 / 36.241	2,768 / 174.864	5,697 / 290.783
Program Management Support	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / 1.812	- / 2.316	- / 2.357	- / 2.096	- / 19.930	- / 28.511
Subtotal Recurring	0 / 0.000	- / -	- / -	- / -	- / -	- / -	597 / 13.371	848 / 35.974	815 / 36.818	669 / 38.337	2,768 / 194.794	5,697 / 319.294
Non-Recurring												
Engineer Support	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / 0.136	- / -	- / -	- / -	- / -	- / 0.136
Subtotal Non-Recurring	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / 0.136	- / -	- / -	- / -	- / -	- / 0.136
Total, Fleet Modifications	0 / 0.000	- / -	- / -	- / -	- / -	- / -	597 / 13.507	848 / 35.974	815 / 36.818	669 / 38.337	2,768 / 194.794	5,697 / 319.430
Video Display Electronic Terminal (VDET)												
A Kits												

**UNCLASSIFIED**

Exhibit P-3A, Individual Modification: PB 2014 Army								Date: April 2013				
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 Nomenclature: GM0100 - Stryker (Mod)					Modification Nomenclature (Modification Number - Modification Title): 0 - STRYKER MODIFICATION				
Models of Systems Affected: VARIOUS			Type Modification: 0					Related RDT&E PEs:				
Financial Plan	Prior Years	FY 2012	FY 2013	FY 2014 Base	FY 2014 OCO	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)
Recurring												
Hardware	664 / 19.521	- / -	350 / 9.897	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	1,014 / 29.418
Program Management Support	0 / 0.000	- / -	- / 0.676	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 0.676
Subtotal Recurring	664 / 19.521	- / -	350 / 10.573	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	1,014 / 30.094
Non-Recurring												
Engineer Support	0 / 0.178	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 0.178
Subtotal Non-Recurring	0 / 0.178	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 0.178
Total, Video Display Electronic Terminal (VDET)	664 / 19.699	- / -	350 / 10.573	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	1,014 / 30.272
C4I Obsolescence and Next Generation Items												
A Kits												
Recurring												
Hardware	1,559 / 8.768	633 / 5.845	662 / 6.640	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	2,854 / 21.253
Test Support	0 / 0.000	- / 0.300	- / 4.180	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 4.480
PM Support	0 / 0.000	- / -	- / 4.055	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 4.055
Subtotal Recurring	1,559 / 8.768	633 / 6.145	662 / 14.875	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	2,854 / 29.788
Non-Recurring												
Engineer Support	0 / 0.000	- / -	- / 5.700	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 5.700
Subtotal Non-Recurring	0 / 0.000	- / -	- / 5.700	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 5.700
Total, C4I Obsolescence and Next Generation Items	1,559 / 8.768	633 / 6.145	662 / 20.575	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	2,854 / 35.488
Block Mod Retrofit												
A Kits												
Recurring												
Hardware	2,336 / 26.523	284 / 1.345	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	2,620 / 27.868
PM Support	0 / 0.014	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 0.014
Subtotal Recurring	2,336 / 26.537	284 / 1.345	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	2,620 / 27.882
Total, Block Mod Retrofit	2,336 / 26.537	284 / 1.345	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	2,620 / 27.882
Test Fleet Maintenance												
A Kits												
Recurring												
Labor (Contractor)	0 / 0.000	- / -	- / -	- / 4.071	- / -	- / 4.071	- / 4.145	- / 4.219	- / 4.295	- / 4.373	- / 83.160	- / 104.263
PM Support	0 / 0.000	- / -	- / -	- / 1.307	- / -	- / 1.307	- / 0.363	- / 0.579	- / 0.589	- / 0.699	- / 19.930	- / 23.467

**UNCLASSIFIED**

Exhibit P-3A, Individual Modification: PB 2014 Army									Date: April 2013			
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 Nomenclature: GM0100 - Stryker (Mod)					Modification Nomenclature (Modification Number - Modification Title): 0 - STRYKER MODIFICATION			
Models of Systems Affected: VARIOUS				Type Modification: 0					Related RDT&E PEs:			
Financial Plan	Prior Years	FY 2012	FY 2013	FY 2014 Base	FY 2014 OCO	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)
Subtotal Recurring	0 / 0.000	- / -	- / -	- / 5.378	- / -	- / 5.378	- / 4.508	- / 4.798	- / 4.884	- / 5.072	- / 103.090	- / 127.730
Total, Test Fleet Maintenance	0 / 0.000	- / -	- / -	- / 5.378	- / -	- / 5.378	- / 4.508	- / 4.798	- / 4.884	- / 5.072	- / 103.090	- / 127.730
Retrofit Planning and Site Management												
A Kits												
Recurring												
Labor (Contractor)	0 / 0.000	- / -	- / -	- / 5.780	- / -	- / 5.780	- / 5.990	- / 6.208	- / 6.433	- / 6.667	- / 127.230	- / 158.308
PM Support	0 / 0.000	- / -	- / -	- / 1.307	- / -	- / 1.307	- / 0.363	- / 0.579	- / 0.589	- / 0.699	- / 19.930	- / 23.467
Subtotal Recurring	0 / 0.000	- / -	- / -	- / 7.087	- / -	- / 7.087	- / 6.353	- / 6.787	- / 7.022	- / 7.366	- / 147.160	- / 181.775
Total, Retrofit Planning and Site Management	0 / 0.000	- / -	- / -	- / 7.087	- / -	- / 7.087	- / 6.353	- / 6.787	- / 7.022	- / 7.366	- / 147.160	- / 181.775
Training Aids, Devices, Simulators and Simulations												
A Kits												
Recurring												
Hardware	0 / 0.000	1 / 11.739	22 / 25.313	- / -	- / -	- / -	3 / 30.272	1 / 15.103	- / -	- / -	- / -	27 / 82.427
Life Cycle Management Plan	0 / 0.000	- / 7.718	- / 3.280	- / 6.750	- / -	- / 6.750	- / 2.904	- / 3.332	- / 5.618	- / 13.444	- / 123.069	- / 166.115
PM Support	0 / 0.000	- / 1.352	- / -	- / 1.307	- / -	- / 1.307	- / 0.363	- / 0.579	- / 0.589	- / 0.699	- / 19.930	- / 24.819
Subtotal Recurring	0 / 0.000	1 / 20.809	22 / 28.593	- / 8.057	- / -	- / 8.057	3 / 33.539	1 / 19.014	- / 6.207	- / 14.143	- / 142.999	27 / 273.361
Total, Training Aids, Devices, Simulators and Simulations	0 / 0.000	1 / 20.809	22 / 28.593	- / 8.057	- / -	- / 8.057	3 / 33.539	1 / 19.014	- / 6.207	- / 14.143	- / 142.999	27 / 273.361
Engineer Change Proposal (ECP) Retrofit												
A Kits												
Recurring												
Hardware	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	259 / 235.899	339 / 316.820	- / -	598 / 552.719
PM Support	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 5.075	- / 9.919	- / -	- / 14.994
Fielding	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 11.854	- / 15.853	- / -	- / 27.707
Subtotal Recurring	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	259 / 252.828	339 / 342.592	- / -	598 / 595.420
Non-Recurring												
Labor (Contractor)	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 36.273	- / 13.699	- / -	- / 49.972
Subtotal Non-Recurring	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 36.273	- / 13.699	- / -	- / 49.972
Total, Engineer Change Proposal (ECP) Retrofit	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	259 / 289.101	339 / 356.291	- / -	598 / 645.392
Double V Hull (DVH) Survivability and Safety Mods												
A Kits												
Recurring												

**UNCLASSIFIED**

Exhibit P-3A, Individual Modification: PB 2014 Army								Date: April 2013				
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 Nomenclature: GM0100 - Stryker (Mod)					Modification Nomenclature (Modification Number - Modification Title): 0 - STRYKER MODIFICATION				
Models of Systems Affected: VARIOUS			Type Modification: 0				Related RDT&E PEs:					
Financial Plan	Prior Years	FY 2012	FY 2013	FY 2014 Base	FY 2014 OCO	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)
Hardware	0 / 0.000	1,674 / 14.011	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	1,674 / 14.011
Subtotal Recurring	0 / 0.000	1,674 / 14.011	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	1,674 / 14.011
Non-Recurring												
Labor (Contractor)	0 / 0.000	- / 1.552	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 1.552
Subtotal Non-Recurring	0 / 0.000	- / 1.552	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 1.552
Total, Double V Hull (DVH) Survivability and Safety Mods	0 / 0.000	1,674 / 15.563	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	1,674 / 15.563
Total Procurement, All Modifications	4,833 / 62.793	2,889 / 46.505	1,034 / 59.741	- / 20.522	- / -	- / 20.522	829 / 62.150	849 / 66.573	1,074 / 344.032	1,008 / 421.209	2,768 / 588.043	15,284 / 1,671.568
Total Procurement and Support	62.793	46.505	59.741	20.522	-	20.522	62.150	66.573	344.032	421.209	588.043	1,671.568
Prior Year Completed Mods Installation Cost	274 / 0.095	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	274 / 0.095
Mobile Gun System (MGS) Full Materiel Release Installation Cost	0 / 0.000	297 / 3.833	- / -	- / -	- / -	- / -	229 / 7.186	- / -	- / -	- / -	- / -	526 / 11.019
Fleet Modifications Installation Cost	0 / 0.000	- / -	- / -	- / -	- / -	- / -	597 / 0.044	848 / 0.066	815 / 0.069	669 / 0.082	2,768 / 2.139	5,697 / 2.400
Video Display Electronic Terminal (VDET) Installation Cost	664 / 0.461	- / -	350 / 0.227	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	1,014 / 0.688
C4I Obsolescence and Next Generation Items Installation Cost	1,559 / 0.835	633 / 0.292	662 / 0.657	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	2,854 / 1.784
Block Mod Retrofit Installation Cost	2,336 / 20.389	284 / 0.160	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	2,620 / 20.549
Test Fleet Maintenance Installation Cost	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
Retrofit Planning and Site Management Installation Cost	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
Training Aids, Devices, Simulators and Simulations Installation Cost	0 / 0.000	1 / 0.119	22 / 0.256	- / -	- / -	- / -	3 / 0.306	1 / 0.153	- / -	- / -	- / -	27 / 0.834
Engineer Change Proposal (ECP) Retrofit Installation Cost	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	259 / 39.778	339 / 55.709	3,432 / 303.257	4,030 / 398.744
Double V Hull (DVH) Survivability and Safety Mods Installation Cost	0 / 0.000	1,674 / 0.588	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	1,674 / 0.588
Total Installation Cost	4,833 / 21.780	2,889 / 4.992	1,034 / 1.140	- / -	- / -	- / -	829 / 7.536	849 / 0.219	1,074 / 39.847	1,008 / 55.791	6,200 / 305.396	18,716 / 436.701
Total Cost (Procurement + Support + Installation)	84.573	51.497	60.881	20.522	-	20.522	69.686	66.792	383.879	477.000	893.439	2,108.269

**UNCLASSIFIED**

<b>Exhibit P-3A, Individual Modification:</b> PB 2014 Army										<b>Date:</b> April 2013																					
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 2033A: Procurement of W&TCV, Army / BA 01: Tracked Combat Vehicles / BSA 20: Modification Of Tracked Combat Vehicles										<b>P-1 Line Item Nomenclature:</b> GM0100 - Stryker (Mod)										<b>Modification Nomenclature (Modification Number - Modification Title):</b> 0 - STRYKER MODIFICATION											
<b>Models of Systems Affected:</b> VARIOUS										<b>Type Modification:</b> 0										<b>Related RDT&amp;E PEs:</b>											
<b>Manufacturer Information: Prior Year Completed Mods</b>																															
Manufacturer Name: GM GDLS Defense Group, L.C.C.													Manufacturer Location: Sterling Heights, Michigan																		
Administrative Leadtime (in Months): 2													Production Leadtime (in Months): 7																		
<b>Dates</b>		<b>FY 2012</b>				<b>FY 2013</b>				<b>FY 2014</b>				<b>FY 2015</b>				<b>FY 2016</b>				<b>FY 2017</b>				<b>FY 2018</b>					
Contract Dates																															
Delivery Dates																															
<b>Installation:</b> Prior Year Completed Mods													<b>Method of Implementation:</b> Combination of depot reset team and contractors at a government facility.										<b>Installation Name:</b>								
<b>Installation Cost</b>		<b>Prior Years</b>	<b>FY 2012</b>		<b>FY 2013</b>		<b>FY 2014 Base</b>		<b>FY 2014 OCO</b>		<b>FY 2014 Total</b>		<b>FY 2015</b>		<b>FY 2016</b>		<b>FY 2017</b>		<b>FY 2018</b>		<b>To Complete</b>		<b>Total</b>								
		Qty (Each) / Total Cost (\$ M )	Qty (Each) / Total Cost (\$ M )		Qty (Each) / Total Cost (\$ M )		Qty (Each) / Total Cost (\$ M )		Qty (Each) / Total Cost (\$ M )		Qty (Each) / Total Cost (\$ M )		Qty (Each) / Total Cost (\$ M )		Qty (Each) / Total Cost (\$ M )		Qty (Each) / Total Cost (\$ M )		Qty (Each) / Total Cost (\$ M )		Qty (Each) / Total Cost (\$ M )		Qty (Each) / Total Cost (\$ M )								
All Prior Years		0 / 0.000	0 / 0.000		0 / 0.000		0 / 0.000		- / -		0 / 0.000		0 / 0.000		0 / 0.000		0 / 0.000		0 / 0.000		0 / 0.000		0 / 0.000		0 / 0.000						
FY 2012		274 / 0.095	- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		274 / 0.095						
FY 2013		0 / 0.000	- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -						
FY 2014		0 / 0.000	- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -						
FY 2015		0 / 0.000	- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -						
FY 2016		0 / 0.000	- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -						
FY 2017		0 / 0.000	- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -						
FY 2018		0 / 0.000	- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -						
To Complete		0 / 0.000	- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -						
Total		274 / 0.095	- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		274 / 0.095						
<b>Installation Schedule</b>																															
	<b>APY</b>	<b>FY 2012</b>				<b>FY 2013</b>				<b>FY 2014</b>				<b>FY 2015</b>				<b>FY 2016</b>				<b>FY 2017</b>				<b>FY 2018</b>				<b>TC</b>	<b>Tot</b>
		<b>1</b>	<b>2</b>	<b>3</b>	<b>4</b>	<b>1</b>	<b>2</b>	<b>3</b>	<b>4</b>	<b>1</b>	<b>2</b>	<b>3</b>	<b>4</b>	<b>1</b>	<b>2</b>	<b>3</b>	<b>4</b>	<b>1</b>	<b>2</b>	<b>3</b>	<b>4</b>	<b>1</b>	<b>2</b>	<b>3</b>	<b>4</b>						
In	274	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-				
Out	274	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-				



**UNCLASSIFIED**

<b>Exhibit P-3A, Individual Modification:</b> PB 2014 Army										<b>Date:</b> April 2013																					
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 2033A: Procurement of W&TCV, Army / BA 01: Tracked Combat Vehicles / BSA 20: Modification Of Tracked Combat Vehicles										<b>P-1 Line Item Nomenclature:</b> GM0100 - Stryker (Mod)										<b>Modification Nomenclature</b> (Modification Number - Modification Title): 0 - STRYKER MODIFICATION											
<b>Models of Systems Affected:</b> VARIOUS										<b>Type Modification:</b> 0										<b>Related RDT&amp;E PEs:</b>											
<b>Manufacturer Information: Mobile Gun System (MGS) Full Materiel Release</b>																															
Manufacturer Name: GM GDLS Defense Group, L.L.C															Manufacturer Location: Sterling Heights, Michigan																
Administrative Leadtime (in Months): 3															Production Leadtime (in Months): 4																
<b>Dates</b>		<b>FY 2012</b>				<b>FY 2013</b>				<b>FY 2014</b>				<b>FY 2015</b>				<b>FY 2016</b>				<b>FY 2017</b>				<b>FY 2018</b>					
Contract Dates		Apr 2013												Jan 2015																	
Delivery Dates		Aug 2013												May 2015																	
<b>Installation:</b> Mobile Gun System (MGS) Full Materiel Release										<b>Method of Implementation:</b> Prime Contractor										<b>Installation Name:</b>											
<b>Installation Cost</b>		<b>Prior Years</b>		<b>FY 2012</b>		<b>FY 2013</b>		<b>FY 2014 Base</b>		<b>FY 2014 OCO</b>		<b>FY 2014 Total</b>		<b>FY 2015</b>		<b>FY 2016</b>		<b>FY 2017</b>		<b>FY 2018</b>		<b>To Complete</b>		<b>Total</b>							
		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)							
All Prior Years		0 / 0.000		0 / 0.000		0 / 0.000		0 / 0.000		- / -		0 / 0.000		0 / 0.000		0 / 0.000		0 / 0.000		0 / 0.000		0 / 0.000		0 / 0.000		0 / 0.000					
FY 2012		0 / 0.000		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -					
FY 2013		0 / 0.000		297 / 3.833		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		297 / 3.833					
FY 2014		0 / 0.000		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -					
FY 2015		0 / 0.000		- / -		- / -		- / -		- / -		- / -		229 / 7.186		- / -		- / -		- / -		- / -		- / -		229 / 7.186					
FY 2016		0 / 0.000		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -					
FY 2017		0 / 0.000		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -					
FY 2018		0 / 0.000		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -					
To Complete		0 / 0.000		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -					
Total		0 / 0.000		297 / 3.833		- / -		- / -		- / -		- / -		229 / 7.186		- / -		- / -		- / -		- / -		- / -		526 / 11.019					
<b>Installation Schedule</b>																															
	<b>APY</b>	<b>FY 2012</b>				<b>FY 2013</b>				<b>FY 2014</b>				<b>FY 2015</b>				<b>FY 2016</b>				<b>FY 2017</b>				<b>FY 2018</b>					
		<b>1</b>	<b>2</b>	<b>3</b>	<b>4</b>	<b>1</b>	<b>2</b>	<b>3</b>	<b>4</b>	<b>1</b>	<b>2</b>	<b>3</b>	<b>4</b>	<b>1</b>	<b>2</b>	<b>3</b>	<b>4</b>	<b>1</b>	<b>2</b>	<b>3</b>	<b>4</b>	<b>1</b>	<b>2</b>	<b>3</b>	<b>4</b>	<b>1</b>	<b>2</b>	<b>3</b>	<b>4</b>	<b>TC</b>	<b>Tot</b>
In	-	-	-	-	-	-	-	297	-	-	-	-	-	-	229	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	526
Out	-	-	-	-	-	-	-	-	297	-	-	-	-	-	-	229	-	-	-	-	-	-	-	-	-	-	-	-	-	-	526

**UNCLASSIFIED**

<b>Exhibit P-3A, Individual Modification:</b> PB 2014 Army										<b>Date:</b> April 2013																					
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 2033A: Procurement of W&TCV, Army / BA 01: Tracked Combat Vehicles / BSA 20: Modification Of Tracked Combat Vehicles										<b>P-1 Line Item Nomenclature:</b> GM0100 - Stryker (Mod)										<b>Modification Nomenclature</b> ( <i>Modification Number - Modification Title</i> ): 0 - STRYKER MODIFICATION											
<b>Models of Systems Affected:</b> VARIOUS										<b>Type Modification:</b> 0										<b>Related RDT&amp;E PEs:</b>											
<b>Manufacturer Information: Fleet Modifications</b>																															
Manufacturer Name: GM GDLS Defense Group, LLC													Manufacturer Location: Sterling Heights, Michigan																		
Administrative Leadtime ( <i>in Months</i> ): 2													Production Leadtime ( <i>in Months</i> ): 3																		
<b>Dates</b>		<b>FY 2012</b>				<b>FY 2013</b>				<b>FY 2014</b>				<b>FY 2015</b>				<b>FY 2016</b>				<b>FY 2017</b>				<b>FY 2018</b>					
Contract Dates														Oct 2014				Oct 2015				Oct 2016				Oct 2017					
Delivery Dates														Jan 2015				Jan 2016				Jan 2017				Jan 2018					
<b>Installation:</b> Fleet Modifications										<b>Method of Implementation:</b> Prime contractor to produce hardware, installation by both prime contract and depot reset team										<b>Installation Name:</b>											
<b>Installation Cost</b>		<b>Prior Years</b>	<b>FY 2012</b>		<b>FY 2013</b>		<b>FY 2014 Base</b>		<b>FY 2014 OCO</b>		<b>FY 2014 Total</b>		<b>FY 2015</b>		<b>FY 2016</b>		<b>FY 2017</b>		<b>FY 2018</b>		<b>To Complete</b>		<b>Total</b>								
		Qty (Each) / Total Cost (\$ M )	Qty (Each) / Total Cost (\$ M )		Qty (Each) / Total Cost (\$ M )		Qty (Each) / Total Cost (\$ M )		Qty (Each) / Total Cost (\$ M )		Qty (Each) / Total Cost (\$ M )		Qty (Each) / Total Cost (\$ M )		Qty (Each) / Total Cost (\$ M )		Qty (Each) / Total Cost (\$ M )		Qty (Each) / Total Cost (\$ M )		Qty (Each) / Total Cost (\$ M )		Qty (Each) / Total Cost (\$ M )								
All Prior Years		0 / 0.000	0 / 0.000		0 / 0.000		0 / 0.000		- / -		0 / 0.000		0 / 0.000		0 / 0.000		0 / 0.000		0 / 0.000		0 / 0.000		0 / 0.000								
FY 2012		0 / 0.000	- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -								
FY 2013		0 / 0.000	- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -								
FY 2014		0 / 0.000	- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -								
FY 2015		0 / 0.000	- / -		- / -		- / -		- / -		- / -		597 / 0.044		- / -		- / -		- / -		- / -		597 / 0.044								
FY 2016		0 / 0.000	- / -		- / -		- / -		- / -		- / -		- / -		848 / 0.066		- / -		- / -		- / -		848 / 0.066								
FY 2017		0 / 0.000	- / -		- / -		- / -		- / -		- / -		- / -		- / -		815 / 0.069		- / -		- / -		815 / 0.069								
FY 2018		0 / 0.000	- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		669 / 0.082		- / -		669 / 0.082								
To Complete		0 / 0.000	- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		2,768 / 2.139		2,768 / 2.139								
Total		0 / 0.000	- / -		- / -		- / -		- / -		- / -		597 / 0.044		848 / 0.066		815 / 0.069		669 / 0.082		2,768 / 2.139		5,697 / 2.400								
<b>Installation Schedule</b>																															
	<b>APY</b>	<b>FY 2012</b>				<b>FY 2013</b>				<b>FY 2014</b>				<b>FY 2015</b>				<b>FY 2016</b>				<b>FY 2017</b>				<b>FY 2018</b>				<b>TC</b>	<b>Tot</b>
		<b>1</b>	<b>2</b>	<b>3</b>	<b>4</b>	<b>1</b>	<b>2</b>	<b>3</b>	<b>4</b>	<b>1</b>	<b>2</b>	<b>3</b>	<b>4</b>	<b>1</b>	<b>2</b>	<b>3</b>	<b>4</b>	<b>1</b>	<b>2</b>	<b>3</b>	<b>4</b>	<b>1</b>	<b>2</b>	<b>3</b>	<b>4</b>						
In	-	-	-	-	-	-	-	-	-	-	-	-	-	-	597	-	-	-	848	-	-	-	815	-	-	-	669	-	-	2,768	5,697
Out	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	597	-	-	-	848	-	-	-	815	-	-	-	669	-	2,768	5,697

**UNCLASSIFIED**

<b>Exhibit P-3A, Individual Modification:</b> PB 2014 Army										<b>Date:</b> April 2013																					
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 2033A: Procurement of W&TCV, Army / BA 01: Tracked Combat Vehicles / BSA 20: Modification Of Tracked Combat Vehicles										<b>P-1 Line Item Nomenclature:</b> GM0100 - Stryker (Mod)										<b>Modification Nomenclature (Modification Number - Modification Title):</b> 0 - STRYKER MODIFICATION											
<b>Models of Systems Affected:</b> VARIOUS										<b>Type Modification:</b> 0										<b>Related RDT&amp;E PEs:</b>											
<b>Manufacturer Information: Video Display Electronic Terminal (VDET)</b>																															
Manufacturer Name: GM GDLS Defense Group, L.L.C													Manufacturer Location: Sterling Heights, Michigan																		
Administrative Leadtime (in Months): 1													Production Leadtime (in Months): 7																		
<b>Dates</b>		<b>FY 2012</b>				<b>FY 2013</b>				<b>FY 2014</b>				<b>FY 2015</b>				<b>FY 2016</b>				<b>FY 2017</b>				<b>FY 2018</b>					
Contract Dates						Oct 2012																									
Delivery Dates						May 2013																									
<b>Installation:</b> Video Display Electronic Terminal (VDET)										<b>Method of Implementation:</b> Combination of depot reset team and contractors at a government facility.										<b>Installation Name:</b>											
<b>Installation Cost</b>		<b>Prior Years</b>	<b>FY 2012</b>		<b>FY 2013</b>		<b>FY 2014 Base</b>		<b>FY 2014 OCO</b>		<b>FY 2014 Total</b>		<b>FY 2015</b>		<b>FY 2016</b>		<b>FY 2017</b>		<b>FY 2018</b>		<b>To Complete</b>		<b>Total</b>								
		Qty (Each) / Total Cost (\$ M )	Qty (Each) / Total Cost (\$ M )		Qty (Each) / Total Cost (\$ M )		Qty (Each) / Total Cost (\$ M )		Qty (Each) / Total Cost (\$ M )		Qty (Each) / Total Cost (\$ M )		Qty (Each) / Total Cost (\$ M )		Qty (Each) / Total Cost (\$ M )		Qty (Each) / Total Cost (\$ M )		Qty (Each) / Total Cost (\$ M )		Qty (Each) / Total Cost (\$ M )		Qty (Each) / Total Cost (\$ M )								
All Prior Years		664 / 0.461	0 / 0.000		0 / 0.000		0 / 0.000		- / -		0 / 0.000		0 / 0.000		0 / 0.000		0 / 0.000		0 / 0.000		0 / 0.000		664 / 0.461								
FY 2012		0 / 0.000	- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -								
FY 2013		0 / 0.000	- / -		350 / 0.227		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		350 / 0.227								
FY 2014		0 / 0.000	- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -								
FY 2015		0 / 0.000	- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -								
FY 2016		0 / 0.000	- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -								
FY 2017		0 / 0.000	- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -								
FY 2018		0 / 0.000	- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -								
To Complete		0 / 0.000	- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -								
Total		664 / 0.461	- / -		350 / 0.227		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		1,014 / 0.688								
<b>Installation Schedule</b>																															
	<b>APY</b>	<b>FY 2012</b>				<b>FY 2013</b>				<b>FY 2014</b>				<b>FY 2015</b>				<b>FY 2016</b>				<b>FY 2017</b>				<b>FY 2018</b>				<b>TC</b>	<b>Tot</b>
		<b>1</b>	<b>2</b>	<b>3</b>	<b>4</b>	<b>1</b>	<b>2</b>	<b>3</b>	<b>4</b>	<b>1</b>	<b>2</b>	<b>3</b>	<b>4</b>	<b>1</b>	<b>2</b>	<b>3</b>	<b>4</b>	<b>1</b>	<b>2</b>	<b>3</b>	<b>4</b>	<b>1</b>	<b>2</b>	<b>3</b>	<b>4</b>						
In	664	-	-	-	-	350	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-				
Out	664	-	-	-	-	-	350	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-				

**UNCLASSIFIED**

<b>Exhibit P-3A, Individual Modification:</b> PB 2014 Army										<b>Date:</b> April 2013																					
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 2033A: Procurement of W&TCV, Army / BA 01: Tracked Combat Vehicles / BSA 20: Modification Of Tracked Combat Vehicles										<b>P-1 Line Item Nomenclature:</b> GM0100 - Stryker (Mod)										<b>Modification Nomenclature (Modification Number - Modification Title):</b> 0 - STRYKER MODIFICATION											
<b>Models of Systems Affected:</b> VARIOUS										<b>Type Modification:</b> 0										<b>Related RDT&amp;E PEs:</b>											
<b>Manufacturer Information: C4I Obsolescence and Next Generation Items</b>																															
Manufacturer Name: GM GDLS Defense Group, L.L.C.													Manufacturer Location: Sterling Heights, Michigan																		
Administrative Leadtime (in Months): 1													Production Leadtime (in Months): 7																		
<b>Dates</b>		<b>FY 2012</b>				<b>FY 2013</b>				<b>FY 2014</b>				<b>FY 2015</b>				<b>FY 2016</b>				<b>FY 2017</b>				<b>FY 2018</b>					
Contract Dates		Feb 2012				Oct 2013																									
Delivery Dates		Sep 2012				May 2014																									
<b>Installation:</b> C4I Obsolescence and Next Generation Items										<b>Method of Implementation:</b> Combination of depot reset team and contractors at a government facility.										<b>Installation Name:</b>											
<b>Installation Cost</b>		<b>Prior Years</b>	<b>FY 2012</b>		<b>FY 2013</b>		<b>FY 2014 Base</b>		<b>FY 2014 OCO</b>		<b>FY 2014 Total</b>		<b>FY 2015</b>		<b>FY 2016</b>		<b>FY 2017</b>		<b>FY 2018</b>		<b>To Complete</b>		<b>Total</b>								
		Qty (Each) / Total Cost (\$ M )	Qty (Each) / Total Cost (\$ M )		Qty (Each) / Total Cost (\$ M )		Qty (Each) / Total Cost (\$ M )		Qty (Each) / Total Cost (\$ M )		Qty (Each) / Total Cost (\$ M )		Qty (Each) / Total Cost (\$ M )		Qty (Each) / Total Cost (\$ M )		Qty (Each) / Total Cost (\$ M )		Qty (Each) / Total Cost (\$ M )		Qty (Each) / Total Cost (\$ M )		Qty (Each) / Total Cost (\$ M )								
All Prior Years		1,559 / 0.835	0 / 0.000		0 / 0.000		0 / 0.000		- / -		0 / 0.000		0 / 0.000		0 / 0.000		0 / 0.000		0 / 0.000		0 / 0.000		1,559 / 0.835								
FY 2012		0 / 0.000	- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -								
FY 2013		0 / 0.000	633 / 0.292		662 / 0.657		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		1,295 / 0.949								
FY 2014		0 / 0.000	- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -								
FY 2015		0 / 0.000	- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -								
FY 2016		0 / 0.000	- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -								
FY 2017		0 / 0.000	- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -								
FY 2018		0 / 0.000	- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -								
To Complete		0 / 0.000	- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -								
Total		1,559 / 0.835	633 / 0.292		662 / 0.657		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		2,854 / 1.784								
<b>Installation Schedule</b>																															
	<b>APY</b>	<b>FY 2012</b>				<b>FY 2013</b>				<b>FY 2014</b>				<b>FY 2015</b>				<b>FY 2016</b>				<b>FY 2017</b>				<b>FY 2018</b>				<b>TC</b>	<b>Tot</b>
		<b>1</b>	<b>2</b>	<b>3</b>	<b>4</b>	<b>1</b>	<b>2</b>	<b>3</b>	<b>4</b>	<b>1</b>	<b>2</b>	<b>3</b>	<b>4</b>	<b>1</b>	<b>2</b>	<b>3</b>	<b>4</b>	<b>1</b>	<b>2</b>	<b>3</b>	<b>4</b>	<b>1</b>	<b>2</b>	<b>3</b>	<b>4</b>						
In	1,559	-	-	-	633	-	-	662	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-				
Out	1,559	-	-	-	-	633	-	-	662	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-				

**UNCLASSIFIED**

<b>Exhibit P-3A, Individual Modification:</b> PB 2014 Army										<b>Date:</b> April 2013																					
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 2033A: Procurement of W&TCV, Army / BA 01: Tracked Combat Vehicles / BSA 20: Modification Of Tracked Combat Vehicles										<b>P-1 Line Item Nomenclature:</b> GM0100 - Stryker (Mod)										<b>Modification Nomenclature (Modification Number - Modification Title):</b> 0 - STRYKER MODIFICATION											
<b>Models of Systems Affected:</b> VARIOUS										<b>Type Modification:</b> 0										<b>Related RDT&amp;E PEs:</b>											
<b>Manufacturer Information: Block Mod Retrofit</b>																															
Manufacturer Name: GM GDLS Defense Group, L.L.C.													Manufacturer Location: Sterling Heights, Michigan																		
Administrative Leadtime (in Months): 2													Production Leadtime (in Months): 6																		
<b>Dates</b>		<b>FY 2012</b>				<b>FY 2013</b>				<b>FY 2014</b>				<b>FY 2015</b>				<b>FY 2016</b>				<b>FY 2017</b>				<b>FY 2018</b>					
Contract Dates		Feb 2012																													
Delivery Dates		Aug 2012																													
<b>Installation:</b> Block Mod Retrofit										<b>Method of Implementation:</b> Combination of depot reset team and contractors at a government facility.										<b>Installation Name:</b>											
<b>Installation Cost</b>		<b>Prior Years</b>	<b>FY 2012</b>		<b>FY 2013</b>		<b>FY 2014 Base</b>		<b>FY 2014 OCO</b>		<b>FY 2014 Total</b>		<b>FY 2015</b>		<b>FY 2016</b>		<b>FY 2017</b>		<b>FY 2018</b>		<b>To Complete</b>		<b>Total</b>								
		Qty (Each) / Total Cost (\$ M )	Qty (Each) / Total Cost (\$ M )		Qty (Each) / Total Cost (\$ M )		Qty (Each) / Total Cost (\$ M )		Qty (Each) / Total Cost (\$ M )		Qty (Each) / Total Cost (\$ M )		Qty (Each) / Total Cost (\$ M )		Qty (Each) / Total Cost (\$ M )		Qty (Each) / Total Cost (\$ M )		Qty (Each) / Total Cost (\$ M )		Qty (Each) / Total Cost (\$ M )		Qty (Each) / Total Cost (\$ M )								
All Prior Years		2,336 / 20.389	0 / 0.000		0 / 0.000		0 / 0.000		- / -		0 / 0.000		0 / 0.000		0 / 0.000		0 / 0.000		0 / 0.000		0 / 0.000		2,336 / 20.389								
FY 2012		0 / 0.000	284 / 0.160		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		284 / 0.160								
FY 2013		0 / 0.000	- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -								
FY 2014		0 / 0.000	- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -								
FY 2015		0 / 0.000	- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -								
FY 2016		0 / 0.000	- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -								
FY 2017		0 / 0.000	- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -								
FY 2018		0 / 0.000	- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -								
To Complete		0 / 0.000	- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -								
Total		2,336 / 20.389	284 / 0.160		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		2,620 / 20.549								
<b>Installation Schedule</b>																															
	<b>APY</b>	<b>FY 2012</b>				<b>FY 2013</b>				<b>FY 2014</b>				<b>FY 2015</b>				<b>FY 2016</b>				<b>FY 2017</b>				<b>FY 2018</b>				<b>TC</b>	<b>Tot</b>
		<b>1</b>	<b>2</b>	<b>3</b>	<b>4</b>	<b>1</b>	<b>2</b>	<b>3</b>	<b>4</b>	<b>1</b>	<b>2</b>	<b>3</b>	<b>4</b>	<b>1</b>	<b>2</b>	<b>3</b>	<b>4</b>	<b>1</b>	<b>2</b>	<b>3</b>	<b>4</b>	<b>1</b>	<b>2</b>	<b>3</b>	<b>4</b>						
In	2,336	-	284	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-				
Out	2,336	-	-	-	284	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-				

**UNCLASSIFIED**

<b>Exhibit P-3A, Individual Modification:</b> PB 2014 Army										<b>Date:</b> April 2013																					
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 2033A: Procurement of W&TCV, Army / BA 01: Tracked Combat Vehicles / BSA 20: Modification Of Tracked Combat Vehicles										<b>P-1 Line Item Nomenclature:</b> GM0100 - Stryker (Mod)										<b>Modification Nomenclature (Modification Number - Modification Title):</b> 0 - STRYKER MODIFICATION											
<b>Models of Systems Affected:</b> VARIOUS										<b>Type Modification:</b> 0										<b>Related RDT&amp;E PEs:</b>											
<b>Manufacturer Information: Test Fleet Maintenance</b>																															
Manufacturer Name: GM GDLS Defense Group, L.L.C													Manufacturer Location: Sterling Heights, Michigan																		
Administrative Leadtime (in Months): 1													Production Leadtime (in Months):																		
<b>Dates</b>		<b>FY 2012</b>				<b>FY 2013</b>				<b>FY 2014</b>				<b>FY 2015</b>				<b>FY 2016</b>				<b>FY 2017</b>				<b>FY 2018</b>					
Contract Dates																															
Delivery Dates																															
<b>Installation:</b> Test Fleet Maintenance										<b>Method of Implementation:</b> Maintenance is provided by contractor at government test sites.										<b>Installation Name:</b>											
<b>Installation Cost</b>		<b>Prior Years</b>	<b>FY 2012</b>		<b>FY 2013</b>		<b>FY 2014 Base</b>		<b>FY 2014 OCO</b>		<b>FY 2014 Total</b>		<b>FY 2015</b>		<b>FY 2016</b>		<b>FY 2017</b>		<b>FY 2018</b>		<b>To Complete</b>		<b>Total</b>								
		Qty (Each) / Total Cost (\$ M )	Qty (Each) / Total Cost (\$ M )		Qty (Each) / Total Cost (\$ M )		Qty (Each) / Total Cost (\$ M )		Qty (Each) / Total Cost (\$ M )		Qty (Each) / Total Cost (\$ M )		Qty (Each) / Total Cost (\$ M )		Qty (Each) / Total Cost (\$ M )		Qty (Each) / Total Cost (\$ M )		Qty (Each) / Total Cost (\$ M )		Qty (Each) / Total Cost (\$ M )		Qty (Each) / Total Cost (\$ M )								
All Prior Years		0 / 0.000	0 / 0.000		0 / 0.000		0 / 0.000		- / -		0 / 0.000		0 / 0.000		0 / 0.000		0 / 0.000		0 / 0.000		0 / 0.000		0 / 0.000								
FY 2012		0 / 0.000	- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -								
FY 2013		0 / 0.000	- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -								
FY 2014		0 / 0.000	- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -								
FY 2015		0 / 0.000	- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -								
FY 2016		0 / 0.000	- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -								
FY 2017		0 / 0.000	- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -								
FY 2018		0 / 0.000	- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -								
To Complete		0 / 0.000	- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -								
Total		0 / 0.000	- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -								
<b>Installation Schedule</b>																															
	<b>APY</b>	<b>FY 2012</b>				<b>FY 2013</b>				<b>FY 2014</b>				<b>FY 2015</b>				<b>FY 2016</b>				<b>FY 2017</b>				<b>FY 2018</b>				<b>TC</b>	<b>Tot</b>
		<b>1</b>	<b>2</b>	<b>3</b>	<b>4</b>	<b>1</b>	<b>2</b>	<b>3</b>	<b>4</b>	<b>1</b>	<b>2</b>	<b>3</b>	<b>4</b>	<b>1</b>	<b>2</b>	<b>3</b>	<b>4</b>	<b>1</b>	<b>2</b>	<b>3</b>	<b>4</b>	<b>1</b>	<b>2</b>	<b>3</b>	<b>4</b>						
In	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-				
Out	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-				

**UNCLASSIFIED**

<b>Exhibit P-3A, Individual Modification:</b> PB 2014 Army										<b>Date:</b> April 2013																					
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 2033A: Procurement of W&TCV, Army / BA 01: Tracked Combat Vehicles / BSA 20: Modification Of Tracked Combat Vehicles										<b>P-1 Line Item Nomenclature:</b> GM0100 - Stryker (Mod)										<b>Modification Nomenclature</b> ( <i>Modification Number - Modification Title</i> ): 0 - STRYKER MODIFICATION											
<b>Models of Systems Affected:</b> VARIOUS										<b>Type Modification:</b> 0										<b>Related RDT&amp;E PEs:</b>											
<b>Manufacturer Information: Retrofit Planning and Site Management</b>																															
Manufacturer Name: GM GDLS Defense Group, L.L.C														Manufacturer Location: Sterling Heights, Michigan																	
Administrative Leadtime ( <i>in Months</i> ): 3														Production Leadtime ( <i>in Months</i> ):																	
<b>Dates</b>		<b>FY 2012</b>				<b>FY 2013</b>				<b>FY 2014</b>				<b>FY 2015</b>				<b>FY 2016</b>				<b>FY 2017</b>				<b>FY 2018</b>					
Contract Dates																															
Delivery Dates																															
<b>Installation:</b> Retrofit Planning and Site Management										<b>Method of Implementation:</b> Prime Contractor										<b>Installation Name:</b>											
<b>Installation Cost</b>		<b>Prior Years</b>		<b>FY 2012</b>		<b>FY 2013</b>		<b>FY 2014 Base</b>		<b>FY 2014 OCO</b>		<b>FY 2014 Total</b>		<b>FY 2015</b>		<b>FY 2016</b>		<b>FY 2017</b>		<b>FY 2018</b>		<b>To Complete</b>		<b>Total</b>							
		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)							
All Prior Years		0 / 0.000		0 / 0.000		0 / 0.000		0 / 0.000		- / -		0 / 0.000		0 / 0.000		0 / 0.000		0 / 0.000		0 / 0.000		0 / 0.000		0 / 0.000		0 / 0.000					
FY 2012		0 / 0.000		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -			
FY 2013		0 / 0.000		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -			
FY 2014		0 / 0.000		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -			
FY 2015		0 / 0.000		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -			
FY 2016		0 / 0.000		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -			
FY 2017		0 / 0.000		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -			
FY 2018		0 / 0.000		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -			
To Complete		0 / 0.000		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -			
Total		0 / 0.000		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -			
<b>Installation Schedule</b>																															
	<b>APY</b>	<b>FY 2012</b>				<b>FY 2013</b>				<b>FY 2014</b>				<b>FY 2015</b>				<b>FY 2016</b>				<b>FY 2017</b>				<b>FY 2018</b>					
		<b>1</b>	<b>2</b>	<b>3</b>	<b>4</b>	<b>1</b>	<b>2</b>	<b>3</b>	<b>4</b>	<b>1</b>	<b>2</b>	<b>3</b>	<b>4</b>	<b>1</b>	<b>2</b>	<b>3</b>	<b>4</b>	<b>1</b>	<b>2</b>	<b>3</b>	<b>4</b>	<b>1</b>	<b>2</b>	<b>3</b>	<b>4</b>	<b>1</b>	<b>2</b>	<b>3</b>	<b>4</b>	<b>TC</b>	<b>Tot</b>
In	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Out	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

**UNCLASSIFIED**

<b>Exhibit P-3A, Individual Modification:</b> PB 2014 Army										<b>Date:</b> April 2013																					
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 2033A: Procurement of W&TCV, Army / BA 01: Tracked Combat Vehicles / BSA 20: Modification Of Tracked Combat Vehicles										<b>P-1 Line Item Nomenclature:</b> GM0100 - Stryker (Mod)										<b>Modification Nomenclature</b> ( <i>Modification Number - Modification Title</i> ): 0 - STRYKER MODIFICATION											
<b>Models of Systems Affected:</b> VARIOUS										<b>Type Modification:</b> 0										<b>Related RDT&amp;E PEs:</b>											
<b>Manufacturer Information: Training Aids, Devices, Simulators and Simulations</b>																															
Manufacturer Name: Rockwell Collins Simulation & Training															Manufacturer Location: Cedar Rapids, Iowa																
Administrative Leadtime ( <i>in Months</i> ): 1															Production Leadtime ( <i>in Months</i> ): 7																
<b>Dates</b>		<b>FY 2012</b>				<b>FY 2013</b>				<b>FY 2014</b>				<b>FY 2015</b>				<b>FY 2016</b>				<b>FY 2017</b>				<b>FY 2018</b>					
Contract Dates		Nov 2013				Oct 2012								Oct 2014				Oct 2015													
Delivery Dates		Jun 2014				May 2013								May 2015				May 2016													
<b>Installation:</b> Training Aids, Devices, Simulators and Simulations										<b>Method of Implementation:</b> Depot Field Team										<b>Installation Name:</b>											
<b>Installation Cost</b>		<b>Prior Years</b>		<b>FY 2012</b>		<b>FY 2013</b>		<b>FY 2014 Base</b>		<b>FY 2014 OCO</b>		<b>FY 2014 Total</b>		<b>FY 2015</b>		<b>FY 2016</b>		<b>FY 2017</b>		<b>FY 2018</b>		<b>To Complete</b>		<b>Total</b>							
		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)							
All Prior Years		0 / 0.000		0 / 0.000		0 / 0.000		0 / 0.000		- / -		0 / 0.000		0 / 0.000		0 / 0.000		0 / 0.000		0 / 0.000		0 / 0.000		0 / 0.000		0 / 0.000					
FY 2012		0 / 0.000		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -			
FY 2013		0 / 0.000		- / -		22 / 0.256		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		22 / 0.256			
FY 2014		0 / 0.000		1 / 0.119		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		1 / 0.119			
FY 2015		0 / 0.000		- / -		- / -		- / -		- / -		- / -		3 / 0.306		- / -		- / -		- / -		- / -		- / -		- / -		3 / 0.306			
FY 2016		0 / 0.000		- / -		- / -		- / -		- / -		- / -		- / -		1 / 0.153		- / -		- / -		- / -		- / -		- / -		1 / 0.153			
FY 2017		0 / 0.000		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -			
FY 2018		0 / 0.000		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -			
To Complete		0 / 0.000		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -			
Total		0 / 0.000		1 / 0.119		22 / 0.256		- / -		- / -		- / -		3 / 0.306		1 / 0.153		- / -		- / -		- / -		- / -		- / -		27 / 0.834			
<b>Installation Schedule</b>																															
	<b>APY</b>	<b>FY 2012</b>				<b>FY 2013</b>				<b>FY 2014</b>				<b>FY 2015</b>				<b>FY 2016</b>				<b>FY 2017</b>				<b>FY 2018</b>					
		<b>1</b>	<b>2</b>	<b>3</b>	<b>4</b>	<b>1</b>	<b>2</b>	<b>3</b>	<b>4</b>	<b>1</b>	<b>2</b>	<b>3</b>	<b>4</b>	<b>1</b>	<b>2</b>	<b>3</b>	<b>4</b>	<b>1</b>	<b>2</b>	<b>3</b>	<b>4</b>	<b>1</b>	<b>2</b>	<b>3</b>	<b>4</b>	<b>1</b>	<b>2</b>	<b>3</b>	<b>4</b>	<b>TC</b>	<b>Tot</b>
In	-	-	-	-	-	-	-	22	-	-	-	-	1	-	-	-	3	-	-	-	1	-	-	-	-	-	-	-	-	-	27
Out	-	-	-	-	-	-	-	-	22	-	-	-	1	-	-	-	3	-	-	-	1	-	-	-	-	-	-	-	-	-	27



**UNCLASSIFIED**

<b>Exhibit P-3A, Individual Modification:</b> PB 2014 Army										<b>Date:</b> April 2013																					
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 2033A: Procurement of W&TCV, Army / BA 01: Tracked Combat Vehicles / BSA 20: Modification Of Tracked Combat Vehicles					<b>P-1 Line Item Nomenclature:</b> GM0100 - Stryker (Mod)					<b>Modification Nomenclature</b> (Modification Number - Modification Title): 0 - STRYKER MODIFICATION																					
<b>Models of Systems Affected:</b> VARIOUS					<b>Type Modification:</b> 0					<b>Related RDT&amp;E PEs:</b>																					
<b>Manufacturer Information: Engineer Change Proposal (ECP) Retrofit</b>																															
Manufacturer Name: GM GDLS Defense Group, L.L.C							Manufacturer Location: Sterling Heights, Michigan																								
Administrative Leadtime (in Months): 3							Production Leadtime (in Months): 1																								
<b>Dates</b>	<b>FY 2012</b>	<b>FY 2013</b>	<b>FY 2014</b>	<b>FY 2015</b>	<b>FY 2016</b>	<b>FY 2017</b>	<b>FY 2018</b>																								
Contract Dates						May 2017	Jun 2018																								
Delivery Dates						Jun 2017	Jul 2018																								
<b>Installation:</b> Engineer Change Proposal (ECP) Retrofit					<b>Method of Implementation:</b> Prime Contractor and depot team to produce hardware and perform installation					<b>Installation Name:</b>																					
<b>Installation Cost</b>	<b>Prior Years</b>	<b>FY 2012</b>	<b>FY 2013</b>	<b>FY 2014 Base</b>	<b>FY 2014 OCO</b>	<b>FY 2014 Total</b>	<b>FY 2015</b>	<b>FY 2016</b>	<b>FY 2017</b>	<b>FY 2018</b>	<b>To Complete</b>	<b>Total</b>																			
	Qty (Each) / Total Cost (\$ M )	Qty (Each) / Total Cost (\$ M )	Qty (Each) / Total Cost (\$ M )	Qty (Each) / Total Cost (\$ M )	Qty (Each) / Total Cost (\$ M )	Qty (Each) / Total Cost (\$ M )	Qty (Each) / Total Cost (\$ M )	Qty (Each) / Total Cost (\$ M )	Qty (Each) / Total Cost (\$ M )	Qty (Each) / Total Cost (\$ M )	Qty (Each) / Total Cost (\$ M )	Qty (Each) / Total Cost (\$ M )																			
All Prior Years	0 / 0.000	0 / 0.000	0 / 0.000	0 / 0.000	- / -	0 / 0.000	0 / 0.000	0 / 0.000	0 / 0.000	0 / 0.000	0 / 0.000	0 / 0.000																			
FY 2012	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -																			
FY 2013	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -																			
FY 2014	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -																			
FY 2015	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -																			
FY 2016	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -																			
FY 2017	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	66 / 10.136	- / -	66 / 10.136																			
FY 2018	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	193 / 29.642	89 / 14.602	282 / 44.244																			
To Complete	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	250 / 41.107	3,432 / 303.257																			
Total	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	259 / 39.778	339 / 55.709	4,030 / 398.744																			
<b>Installation Schedule</b>																															
	<b>APY</b>	<b>FY 2012</b>				<b>FY 2013</b>				<b>FY 2014</b>				<b>FY 2015</b>				<b>FY 2016</b>				<b>FY 2017</b>				<b>FY 2018</b>				<b>TC</b>	<b>Tot</b>
		<b>1</b>	<b>2</b>	<b>3</b>	<b>4</b>	<b>1</b>	<b>2</b>	<b>3</b>	<b>4</b>	<b>1</b>	<b>2</b>	<b>3</b>	<b>4</b>	<b>1</b>	<b>2</b>	<b>3</b>	<b>4</b>	<b>1</b>	<b>2</b>	<b>3</b>	<b>4</b>	<b>1</b>	<b>2</b>	<b>3</b>	<b>4</b>						
In	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	22	66	66	66	72	84	3,654	4,030
Out	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	66	66	66	66	84	3,682	4,030

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<b>Exhibit P-3A, Individual Modification:</b> PB 2014 Army										<b>Date:</b> April 2013																					
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 2033A: Procurement of W&TCV, Army / BA 01: Tracked Combat Vehicles / BSA 20: Modification Of Tracked Combat Vehicles										<b>P-1 Line Item Nomenclature:</b> GM0100 - Stryker (Mod)										<b>Modification Nomenclature (Modification Number - Modification Title):</b> 0 - STRYKER MODIFICATION											
<b>Models of Systems Affected:</b> VARIOUS										<b>Type Modification:</b> 0										<b>Related RDT&amp;E PEs:</b>											
<b>Manufacturer Information: Double V Hull (DVH) Survivability and Safety Mods</b>																															
Manufacturer Name: GM GDLS Defense Group, L.L.C.														Manufacturer Location: Sterling Heights, Michigan																	
Administrative Leadtime (in Months): 2														Production Leadtime (in Months): 4																	
<b>Dates</b>		<b>FY 2012</b>				<b>FY 2013</b>				<b>FY 2014</b>				<b>FY 2015</b>				<b>FY 2016</b>				<b>FY 2017</b>				<b>FY 2018</b>					
Contract Dates		Sep 2013																													
Delivery Dates		Feb 2014																													
<b>Installation:</b> Double V Hull (DVH) Survivability and Safety Mods										<b>Method of Implementation:</b> Prime Contractor to produce hardware and perform installation										<b>Installation Name:</b>											
<b>Installation Cost</b>		<b>Prior Years</b>		<b>FY 2012</b>		<b>FY 2013</b>		<b>FY 2014 Base</b>		<b>FY 2014 OCO</b>		<b>FY 2014 Total</b>		<b>FY 2015</b>		<b>FY 2016</b>		<b>FY 2017</b>		<b>FY 2018</b>		<b>To Complete</b>		<b>Total</b>							
		Qty (Each) / Total Cost (\$ M )		Qty (Each) / Total Cost (\$ M )		Qty (Each) / Total Cost (\$ M )		Qty (Each) / Total Cost (\$ M )		Qty (Each) / Total Cost (\$ M )		Qty (Each) / Total Cost (\$ M )		Qty (Each) / Total Cost (\$ M )		Qty (Each) / Total Cost (\$ M )		Qty (Each) / Total Cost (\$ M )		Qty (Each) / Total Cost (\$ M )		Qty (Each) / Total Cost (\$ M )		Qty (Each) / Total Cost (\$ M )							
All Prior Years		0 / 0.000		0 / 0.000		0 / 0.000		0 / 0.000		- / -		0 / 0.000		0 / 0.000		0 / 0.000		0 / 0.000		0 / 0.000		0 / 0.000		0 / 0.000		0 / 0.000					
FY 2012		0 / 0.000		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -					
FY 2013		0 / 0.000		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -					
FY 2014		0 / 0.000		1,674 / 0.588		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		1,674 / 0.588					
FY 2015		0 / 0.000		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -					
FY 2016		0 / 0.000		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -					
FY 2017		0 / 0.000		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -					
FY 2018		0 / 0.000		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -					
To Complete		0 / 0.000		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -					
Total		0 / 0.000		1,674 / 0.588		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		1,674 / 0.588					
<b>Installation Schedule</b>																															
	<b>APY</b>	<b>FY 2012</b>				<b>FY 2013</b>				<b>FY 2014</b>				<b>FY 2015</b>				<b>FY 2016</b>				<b>FY 2017</b>				<b>FY 2018</b>				<b>TC</b>	<b>Tot</b>
		<b>1</b>	<b>2</b>	<b>3</b>	<b>4</b>	<b>1</b>	<b>2</b>	<b>3</b>	<b>4</b>	<b>1</b>	<b>2</b>	<b>3</b>	<b>4</b>	<b>1</b>	<b>2</b>	<b>3</b>	<b>4</b>	<b>1</b>	<b>2</b>	<b>3</b>	<b>4</b>	<b>1</b>	<b>2</b>	<b>3</b>	<b>4</b>						
In	-	-	-	-	-	-	-	-	-	-	1,674	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1,674				
Out	-	-	-	-	-	-	-	-	-	-	-	1,674	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1,674				

# UNCLASSIFIED

**Exhibit P-40, Budget Item Justification Sheet:** PB 2014 Army **Date:** April 2013

<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 2033A: Procurement of W&TCV, Army / BA 01: Tracked Combat Vehicles / BSA 20: Modification Of Tracked Combat Vehicles	<b>P-1 Line Item Nomenclature:</b> GZ2300 - FIST Vehicle (Mod)
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<b>ID Code</b> (A=Service Ready, B=Not Service Ready) : A	<b>Program Elements for Code B Items:</b>	<b>Other Related Program Elements:</b> 0203735A
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**MDAP/MAIS Code(s):**

Resource Summary	Prior Years	FY 2012	FY 2013 <sup>#</sup>	FY 2014 Base	FY 2014 OCO <sup>##</sup>	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total
Procurement Quantity <i>(Units in Each)</i>	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost <i>(\$ in Millions)</i>	1,072.746	35.082	57.257	29.965	-	29.965	27.131	2.459	2.473	2.515	-	1,229.628
Less PY Advance Procurement <i>(\$ in Millions)</i>	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) <i>(\$ in Millions)</i>	1,072.746	35.082	57.257	29.965	-	29.965	27.131	2.459	2.473	2.515	-	1,229.628
Plus CY Advance Procurement <i>(\$ in Millions)</i>	-	-	-	-	-	-	-	-	-	-	-	-
<b>Total Obligation Authority <i>(\$ in Millions)</i></b>	<b>1,072.746</b>	<b>35.082</b>	<b>57.257</b>	<b>29.965</b>	<b>-</b>	<b>29.965</b>	<b>27.131</b>	<b>2.459</b>	<b>2.473</b>	<b>2.515</b>	<b>-</b>	<b>1,229.628</b>
<i>(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)</i>												
Initial Spares <i>(\$ in Millions)</i>	-	-	-	-	-	-	-	-	-	-	-	-
Flyaway Unit Cost <i>(Units in Thousands)</i>	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost <i>(Units in Thousands)</i>	-	-	-	-	-	-	-	-	-	-	-	-

<sup>#</sup> FY 2013 Program is from the FY 2013 President's Budget, submitted February 2012

<sup>##</sup> The FY 2014 OCO Request will be submitted at a later date

## Description:

The Bradley Fire Support Team (BFIST) vehicle replaces the aging M981 Fire Support Vehicle used by the Fire Support Team (FIST) that is in the Combined Arms Battalion. The FIST contributes to success on the battlefield by accurately locating and designating targets and then combining this information to develop and execute fire support plans. The BFIST allows fire support operations to be performed on the battlefield in vehicles with the same signature, survivability, and mobility as the other Bradleys in the maneuver units it supports. The BFIST consists of three variants; M7, M7 BFIST Situational Awareness (SA) and A3 BFIST with Fire Support Sensor System (FS3).

A3 BFIST: The A3 BFIST integrates a fire support Mission Equipment Package (MEP) with the technology and capability advancements of the baseline A3 Bradley digital architecture. The A3 BFIST requires the integration of four complex and constantly changing major software packages; Forward Observer System (FOS), Force 21 Battle Command Brigade and Below (FBCB2), FIST MEP, and the baseline A3 Bradley vehicle which are managed by four different primary contractor and government organizations. With the addition of the FS3, the FIST mission will now be able to detect, recognize and identify targets at a greater range, meeting the Operational Requirements Document (ORD). In addition, the BFIST with FS3 will now be able to designate the selected target while under armor, and with the greater distance, both capabilities increase crew survivability.

M7 BFIST: The M7 BFIST integrates a fire support Mission Equipment Package (MEP) onto the baseline Operation Desert Storm (ODS) Bradley vehicle. The M7 BFIST requires the integration of four complex software packages; Forward Observer System (FOS), Force 21 Battle Command Brigade and Below (FBCB2), FIST MEP, and the baseline ODS Bradley vehicle which are managed by four different primary contractors and government organizations. Any modifications needed to the baseline vehicle to integrate the MEP are added as an Engineering Change Proposal (ECP). The M7 BFIST is currently being transitioned to the M7 BFIST Situational Awareness (SA) Variant.

The ODS Bradley is being upgraded to improve its Situational Awareness (SA). In order to maintain commonality with the baseline Bradley Operation Desert Storm (ODS) SA vehicle, the M7 BFIST is transitioning to the M7 BFIST SA vehicle. The M7 BFIST SA will have the same capabilities as the ODS-SA platform. Additionally, M7 BFIST SA no longer has the M7 BFIST obsolescence issues because of the A3 like digital architecture of the ODS-SA baseline vehicle. With the addition of the FS3, the FIST mission will be able to detect, recognize, identify, and designate targets at a greater range, meeting the Operational Requirements Document (ORD), with the greater distance, both capabilities are met, which give the M7 SA the same crew survivability as the A3 BFIST.

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<b>Exhibit P-40, Budget Item Justification Sheet:</b> PB 2014 Army							<b>Date:</b> April 2013		
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 2033A: Procurement of W&TCV, Army / BA 01: Tracked Combat Vehicles / BSA 20: Modification Of Tracked Combat Vehicles							<b>P-1 Line Item Nomenclature:</b> GZ2300 - FIST Vehicle (Mod)		
<b>ID Code</b> (A=Service Ready, B=Not Service Ready) : A				<b>Program Elements for Code B Items:</b>			<b>Other Related Program Elements:</b> 0203735A		
<b>MDAP/MAIS Code(s):</b>									

Secondary Distribution		FY 2012	FY 2013	FY 2014 Base	FY 2014 OCO	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018
Army	Quantity	-	-	-	-	-	-	-	-	-
	Total Obligation Authority	31.614	30.257	13.487	-	13.487	2.417	2.459	2.473	2.515
ANG	Quantity	-	-	-	-	-	-	-	-	-
	Total Obligation Authority	3.468	27.000	16.478	-	16.478	24.714	-	-	-

Item Schedule			Prior Years			FY 2012			FY 2013			FY 2014 Base			FY 2014 OCO			FY 2014 Total		
Item Nomenclature*	Exhibits	ID CD	Unit Cost (\$ K )	Qty (Each)	Total Cost (\$ M )	Unit Cost (\$ K )	Qty (Each)	Total Cost (\$ M )	Unit Cost (\$ K )	Qty (Each)	Total Cost (\$ M )	Unit Cost (\$ K )	Qty (Each)	Total Cost (\$ M )	Unit Cost (\$ K )	Qty (Each)	Total Cost (\$ M )	Unit Cost (\$ K )	Qty (Each)	Total Cost (\$ M )
xx - FS3 on A3 BFIST / M7 BFIST SA	P3A		-	-	1,072.746	-	-	35.082	-	-	57.257	-	-	29.965	-	-	-	-	-	29.965
Total Gross/Weapon System Cost					1,072.746			35.082			57.257			29.965			-			29.965

Item Schedule			FY 2015			FY 2016			FY 2017			FY 2018			To Complete			Total		
Item Nomenclature*	Exhibits	ID CD	Unit Cost (\$ K )	Qty (Each)	Total Cost (\$ M )	Unit Cost (\$ K )	Qty (Each)	Total Cost (\$ M )	Unit Cost (\$ K )	Qty (Each)	Total Cost (\$ M )	Unit Cost (\$ K )	Qty (Each)	Total Cost (\$ M )	Unit Cost (\$ K )	Qty (Each)	Total Cost (\$ M )	Unit Cost (\$ K )	Qty (Each)	Total Cost (\$ M )
xx - FS3 on A3 BFIST / M7 BFIST SA	P3A		-	-	27.131	-	-	2.459	-	-	2.473	-	-	2.515	-	-	-	-	-	1,229.628
Total Gross/Weapon System Cost					27.131			2.459			2.473			2.515			-			1,229.628

\*Item Nomenclature represents Item Number, DODIC, and Item Name for the P40A and P5; Name for the P18 and P23; Modification Number and Modification Title for the P3A; Item Number and Item Name for the P10.

Note: Totals in this Exhibit P-40 set may not be exact or add due to rounding.

**Justification:**  
FY 2014 Base procurement dollars in the amount of \$29.965 million supports the procurement of 19 FS3 Sensors and 46 FS3 A-Kits and integration to complete the A3 BFIST vehicle. This funding will also complete the procurement of the A-Kits required for the M7 BFIST SA vehicles equipped with FS3. With the addition of the FS3, the FIST mission will be able to finally detect, recognize, identify, and designate targets under armor at a greater range and greater distance increasing crew survivability.

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.

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<b>Exhibit P-3A, Individual Modification:</b> PB 2014 Army								<b>Date:</b> April 2013				
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 2033A: Procurement of W&TCV, Army / BA 01: Tracked Combat Vehicles / BSA 20: Modification Of Tracked Combat Vehicles				<b>P-1 Line Item Nomenclature:</b> GZ2300 - FIST Vehicle (Mod)				<b>Modification Nomenclature</b> (Modification Number - Modification Title): xx - FS3 on A3 BFIST / M7 BFIST SA				
<b>Models of Systems Affected:</b> A3 BFIST / M7 BFIST SA			<b>Type Modification:</b> xx					<b>Related RDT&amp;E PEs:</b>				
<b>Resource Summary</b>	<b>Prior Years</b>	<b>FY 2012</b>	<b>FY 2013<sup>#</sup></b>	<b>FY 2014 Base</b>	<b>FY 2014 OCO<sup>##</sup></b>	<b>FY 2014 Total</b>	<b>FY 2015</b>	<b>FY 2016</b>	<b>FY 2017</b>	<b>FY 2018</b>	<b>To Complete</b>	<b>Total</b>
Procurement Quantity (Units in Each)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost (\$ in Millions)	1,072.746	35.082	57.257	29.965	-	29.965	27.131	2.459	2.473	2.515	-	1,229.628
Less PY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (\$ in Millions)	1,072.746	35.082	57.257	29.965	-	29.965	27.131	2.459	2.473	2.515	-	1,229.628
Plus CY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
<b>Total Obligation Authority (\$ in Millions)</b>	<b>1,072.746</b>	<b>35.082</b>	<b>57.257</b>	<b>29.965</b>	<b>-</b>	<b>29.965</b>	<b>27.131</b>	<b>2.459</b>	<b>2.473</b>	<b>2.515</b>	<b>-</b>	<b>1,229.628</b>
<i>(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)</i>												
Initial Spares (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost (Units in Thousands)	-	-	-	-	-	-	-	-	-	-	-	-
<p><sup>#</sup> FY 2013 Program is from the FY 2013 President's Budget, submitted February 2012</p> <p><sup>##</sup> The FY 2014 OCO Request will be submitted at a later date</p> <p><b>Description:</b>          Removing the Tube-launched Optically-tracked Wire-guided (TOW) box and integrating the FS3 into the digital architecture of the A3 BFIST and M7 BFIST SA. With the addition of the FS3, the FIST mission will be able to detect, recognize, identify, and designate targets at a greater range and greater distance, which increases crew survivability, and meet the ORD requirements.</p>												

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Exhibit P-3A, Individual Modification: PB 2014 Army								Date: April 2013				
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 Nomenclature: GZ2300 - FIST Vehicle (Mod)				Modification Nomenclature (Modification Number - Modification Title): xx - FS3 on A3 BFIST / M7 BFIST SA				
Models of Systems Affected: A3 BFIST / M7 BFIST SA				Type Modification: xx				Related RDT&E PEs:				
Financial Plan	Prior Years	FY 2012	FY 2013	FY 2014 Base	FY 2014 OCO	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)
Procurement												
FS3 on BFIST												
A Kits												
Recurring												
BFIST A3 FS3 A-Kits	96 / 18.248	49 / 8.413	53 / 9.699	2 / 0.362	- / -	2 / 0.362	- / -	- / -	- / -	- / -	- / -	200 / 36.722
BFIST A3 FS3 Sensors	129 / 43.246	33 / 10.300	53 / 23.903	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	215 / 77.449
BFIST A3 GFE/GFM	0 / 6.297	- / 1.176	- / 3.551	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 11.024
BFIST M7SA FS3 A Kits	0 / 0.000	- / -	- / -	44 / 7.964	- / -	44 / 7.964	35 / 6.335	- / -	- / -	- / -	- / -	79 / 14.299
BFIST M7SA FS3 Sensors	41 / 7.749	- / -	- / -	19 / 3.230	- / -	19 / 3.230	19 / 3.230	- / -	- / -	- / -	- / -	79 / 14.209
BFIST M7SA GFE/GFM	0 / 0.000	- / -	- / -	- / 0.603	- / -	- / 0.603	- / 0.674	- / -	- / -	- / -	- / -	- / 1.277
LL FS3 Sensor Mod Kits	0 / 2.355	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 2.355
Engineering Production (A3 & M7SA)	0 / 48.951	- / 11.889	- / 9.538	- / 9.298	- / -	- / 9.298	- / 8.336	- / -	- / -	- / -	- / -	- / 88.012
Government Support (A3 & M7SA)	0 / 13.321	- / 2.618	- / 4.124	- / 2.982	- / -	- / 2.982	- / 2.971	- / 2.459	- / 2.473	- / 2.515	- / -	- / 33.463
Fielding (A3 & M7SA)	0 / 4.720	- / 0.400	- / 3.647	- / 2.452	- / -	- / 2.452	- / 3.456	- / -	- / -	- / -	- / -	- / 14.675
Test & Evaluation (A3 & M7SA)	0 / 8.078	- / 0.286	- / 2.795	- / 3.074	- / -	- / 3.074	- / 2.129	- / -	- / -	- / -	- / -	- / 16.362
Subtotal Recurring	266 / 152.965	82 / 35.082	106 / 57.257	65 / 29.965	- / -	65 / 29.965	54 / 27.131	- / 2.459	- / 2.473	- / 2.515	- / -	573 / 309.847
Total, FS3 on BFIST	266 / 152.965	82 / 35.082	106 / 57.257	65 / 29.965	- / -	65 / 29.965	54 / 27.131	- / 2.459	- / 2.473	- / 2.515	- / -	573 / 309.847
PRIOR YEAR CLOSED - BFIST												
A Kits												
Recurring												
Prior Year Closed - A3 BFIST	189 / 919.781	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	189 / 919.781
Subtotal Recurring	189 / 919.781	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	189 / 919.781
Total, PRIOR YEAR CLOSED - BFIST	189 / 919.781	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	189 / 919.781
Total Procurement, All Modifications	455 / 1,072.746	82 / 35.082	106 / 57.257	65 / 29.965	- / -	65 / 29.965	54 / 27.131	- / 2.459	- / 2.473	- / 2.515	- / -	762 / 1,229.628
Total Procurement and Support	1,072.746	35.082	57.257	29.965	-	29.965	27.131	2.459	2.473	2.515	-	1,229.628
FS3 on BFIST Installation Cost	90 / 0.000	43 / -	53 / -	47 / -	- / -	47 / -	38 / -	8 / -	- / -	- / -	- / -	279 / -
PRIOR YEAR CLOSED - BFIST Installation Cost	189 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	189 / -
Total Installation Cost	279 / 0.000	43 / -	53 / -	47 / -	- / -	47 / -	38 / -	8 / -	- / -	- / -	- / -	468 / -
Total Cost (Procurement + Support + Installation)	1,072.746	35.082	57.257	29.965	-	29.965	27.131	2.459	2.473	2.515	-	1,229.628

**UNCLASSIFIED**

<b>Exhibit P-3A, Individual Modification:</b> PB 2014 Army							<b>Date:</b> April 2013					
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 2033A: Procurement of W&TCV, Army / BA 01: Tracked Combat Vehicles / BSA 20: Modification Of Tracked Combat Vehicles				<b>P-1 Line Item Nomenclature:</b> GZ2300 - FIST Vehicle (Mod)				<b>Modification Nomenclature</b> (Modification Number - Modification Title): xx - FS3 on A3 BFIST / M7 BFIST SA				
<b>Models of Systems Affected:</b> A3 BFIST / M7 BFIST SA				<b>Type Modification:</b> xx				<b>Related RDT&amp;E PEs:</b>				

Manufacturer Information: FS3 on BFIST							
Manufacturer Name: BAE				Manufacturer Location: YORK, PA			
Administrative Leadtime (in Months): 5				Production Leadtime (in Months): 5			
Dates	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018
Contract Dates	Jan 2012	Jan 2013	Feb 2014	Feb 2015			
Delivery Dates	May 2013	May 2014	Jul 2015	Jul 2015			

<b>Installation:</b> FS3 on BFIST				<b>Method of Implementation:</b> x				<b>Installation Name:</b>				
<b>Installation Cost</b>	<b>Prior Years</b>	<b>FY 2012</b>	<b>FY 2013</b>	<b>FY 2014 Base</b>	<b>FY 2014 OCO</b>	<b>FY 2014 Total</b>	<b>FY 2015</b>	<b>FY 2016</b>	<b>FY 2017</b>	<b>FY 2018</b>	<b>To Complete</b>	<b>Total</b>
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)
All Prior Years	90 / 0.000	6 / 0.000	0 / 0.000	0 / 0.000	- / -	0 / 0.000	0 / 0.000	0 / 0.000	0 / 0.000	0 / 0.000	0 / 0.000	96 / 0.000
FY 2012	0 / 0.000	37 / -	12 / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	49 / -
FY 2013	0 / 0.000	- / -	41 / -	12 / -	- / -	12 / -	- / -	- / -	- / -	- / -	- / -	53 / -
FY 2014	0 / 0.000	- / -	- / -	35 / -	- / -	35 / -	11 / -	- / -	- / -	- / -	- / -	46 / -
FY 2015	0 / 0.000	- / -	- / -	- / -	- / -	- / -	27 / -	8 / -	- / -	- / -	- / -	35 / -
FY 2016	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2017	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2018	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
To Complete	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
Total	90 / 0.000	43 / -	53 / -	47 / -	- / -	47 / -	38 / -	8 / -	- / -	- / -	- / -	279 / -

Installation Schedule																															
	APY	FY 2012				FY 2013				FY 2014				FY 2015				FY 2016				FY 2017				FY 2018				TC	Tot
		1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4		
In	90	6	13	12	12	12	14	14	13	12	12	12	11	11	9	9	9	8	-	-	-	-	-	-	-	-	-	-	-	-	279
Out	90	6	13	12	12	12	14	14	13	12	12	12	11	11	9	9	9	8	-	-	-	-	-	-	-	-	-	-	-	-	279

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<b>Exhibit P-3A, Individual Modification:</b> PB 2014 Army										<b>Date:</b> April 2013																					
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 2033A: Procurement of W&TCV, Army / BA 01: Tracked Combat Vehicles / BSA 20: Modification Of Tracked Combat Vehicles										<b>P-1 Line Item Nomenclature:</b> GZ2300 - FIST Vehicle (Mod)										<b>Modification Nomenclature</b> ( <i>Modification Number - Modification Title</i> ): xx - FS3 on A3 BFIST / M7 BFIST SA											
<b>Models of Systems Affected:</b> A3 BFIST / M7 BFIST SA										<b>Type Modification:</b> xx										<b>Related RDT&amp;E PEs:</b>											
<b>Manufacturer Information: PRIOR YEAR CLOSED - BFIST</b>																															
Manufacturer Name: BAE													Manufacturer Location: YORK, PA																		
Administrative Leadtime ( <i>in Months</i> ): 5													Production Leadtime ( <i>in Months</i> ): 5																		
<b>Dates</b>		<b>FY 2012</b>				<b>FY 2013</b>				<b>FY 2014</b>				<b>FY 2015</b>				<b>FY 2016</b>				<b>FY 2017</b>				<b>FY 2018</b>					
Contract Dates																															
Delivery Dates																															
<b>Installation: PRIOR YEAR CLOSED - BFIST</b>													<b>Method of Implementation: X</b>										<b>Installation Name:</b>								
<b>Installation Cost</b>		<b>Prior Years</b>		<b>FY 2012</b>		<b>FY 2013</b>		<b>FY 2014 Base</b>		<b>FY 2014 OCO</b>		<b>FY 2014 Total</b>		<b>FY 2015</b>		<b>FY 2016</b>		<b>FY 2017</b>		<b>FY 2018</b>		<b>To Complete</b>		<b>Total</b>							
		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)							
All Prior Years		189 / 0.000		0 / 0.000		0 / 0.000		0 / 0.000		- / -		0 / 0.000		0 / 0.000		0 / 0.000		0 / 0.000		0 / 0.000		0 / 0.000		189 / 0.000							
FY 2012		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -							
FY 2013		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -							
FY 2014		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -							
FY 2015		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -							
FY 2016		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -							
FY 2017		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -							
FY 2018		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -							
To Complete		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -							
Total		189 / 0.000		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		189 / -							
<b>Installation Schedule</b>																															
	<b>APY</b>	<b>FY 2012</b>				<b>FY 2013</b>				<b>FY 2014</b>				<b>FY 2015</b>				<b>FY 2016</b>				<b>FY 2017</b>				<b>FY 2018</b>					
		<b>1</b>	<b>2</b>	<b>3</b>	<b>4</b>	<b>1</b>	<b>2</b>	<b>3</b>	<b>4</b>	<b>1</b>	<b>2</b>	<b>3</b>	<b>4</b>	<b>1</b>	<b>2</b>	<b>3</b>	<b>4</b>	<b>1</b>	<b>2</b>	<b>3</b>	<b>4</b>	<b>1</b>	<b>2</b>	<b>3</b>	<b>4</b>	<b>1</b>	<b>2</b>	<b>3</b>	<b>4</b>	<b>TC</b>	<b>Tot</b>
In	189	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	189
Out	189	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	189



## UNCLASSIFIED

<b>Exhibit P-40, Budget Item Justification Sheet:</b> PB 2014 Army										<b>Date:</b> April 2013		
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 2033A: Procurement of W&TCV, Army / BA 01: Tracked Combat Vehicles / BSA 20: Modification Of Tracked Combat Vehicles							<b>P-1 Line Item Nomenclature:</b> GZ2400 - Bradley Program (MOD)					
<b>ID Code</b> (A=Service Ready, B=Not Service Ready) : A				<b>Program Elements for Code B Items:</b>				<b>Other Related Program Elements:</b>				
<b>MDAP/MAIS Code(s):</b>												
<b>Resource Summary</b>	<b>Prior Years</b>	<b>FY 2012</b>	<b>FY 2013<sup>#</sup></b>	<b>FY 2014 Base</b>	<b>FY 2014 OCO<sup>##</sup></b>	<b>FY 2014 Total</b>	<b>FY 2015</b>	<b>FY 2016</b>	<b>FY 2017</b>	<b>FY 2018</b>	<b>To Complete</b>	<b>Total</b>
Procurement Quantity ( <i>Units in Each</i> )	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost ( <i>\$ in Millions</i> )	4,101.899	250.710	148.193	158.000	-	158.000	158.000	209.000	478.505	857.546	122.800	6,484.653
Less PY Advance Procurement ( <i>\$ in Millions</i> )	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) ( <i>\$ in Millions</i> )	4,101.899	250.710	148.193	158.000	-	158.000	158.000	209.000	478.505	857.546	122.800	6,484.653
Plus CY Advance Procurement ( <i>\$ in Millions</i> )	-	-	-	-	-	-	-	-	-	-	-	-
<b>Total Obligation Authority</b> ( <i>\$ in Millions</i> )	<b>4,101.899</b>	<b>250.710</b>	<b>148.193</b>	<b>158.000</b>	<b>-</b>	<b>158.000</b>	<b>158.000</b>	<b>209.000</b>	<b>478.505</b>	<b>857.546</b>	<b>122.800</b>	<b>6,484.653</b>
<i>(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)</i>												
Initial Spares ( <i>\$ in Millions</i> )	-	-	-	-	-	-	-	-	-	-	-	-
Flyaway Unit Cost ( <i>Units in Thousands</i> )	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost ( <i>Units in Thousands</i> )	-	-	-	-	-	-	-	-	-	-	-	-
<sup>#</sup> FY 2013 Program is from the FY 2013 President's Budget, submitted February 2012 <sup>##</sup> The FY 2014 OCO Request will be submitted at a later date <b>Description:</b> Bradley Program (MOD) procures upgrades to Bradley Fighting Vehicles. Bradley Operation Desert Storm-Situational Awareness (ODS-SA) upgrades include the Second Generation (GEN) Forward Looking Infrared (FLIR) capability which provides target detection and identification at weapon maximum effective range and achieves commonality with the M1A1 Abrams Situational Awareness (SA) tank. The Bradley Program (MOD) also procures hardware for field 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 Joint Tactical Radio System (JTRS) and Force XXI Battle Command - Brigade and Below (FBCB2). Additionally, the Bradley Program (MOD) procures M3-M2 conversions, safety upgrades to the transmission, and obsolescence mitigation to the Bradley Advanced Training System (BATS).												
<b>Secondary Distribution</b>		<b>FY 2012</b>	<b>FY 2013</b>	<b>FY 2014 Base</b>	<b>FY 2014 OCO</b>	<b>FY 2014 Total</b>	<b>FY 2015</b>	<b>FY 2016</b>	<b>FY 2017</b>	<b>FY 2018</b>		
Army	Quantity	-	-	-	-	-	-	-	-	-		
	Total Obligation Authority	-	113.193	158.000	-	158.000	158.000	209.000	478.505	857.546		
ANG	Quantity	-	-	-	-	-	-	-	-	-		
	Total Obligation Authority	250.710	35.000	-	-	-	-	-	-	-		

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<b>Exhibit P-40, Budget Item Justification Sheet:</b> PB 2014 Army																<b>Date:</b> April 2013					
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 2033A: Procurement of W&TCV, Army / BA 01: Tracked Combat Vehicles / BSA 20: Modification Of Tracked Combat Vehicles												<b>P-1 Line Item Nomenclature:</b> GZ2400 - Bradley Program (MOD)									
<b>ID Code</b> (A=Service Ready, B=Not Service Ready) : A						<b>Program Elements for Code B Items:</b>						<b>Other Related Program Elements:</b>									
<b>MDAP/MAIS Code(s):</b>																					

  

Item Schedule		ID CD	Prior Years			FY 2012			FY 2013			FY 2014 Base			FY 2014 OCO			FY 2014 Total		
Item Nomenclature*	Exhibits		Unit Cost (\$ K )	Qty (Each)	Total Cost (\$ M )	Unit Cost (\$ K )	Qty (Each)	Total Cost (\$ M )	Unit Cost (\$ K )	Qty (Each)	Total Cost (\$ M )	Unit Cost (\$ K )	Qty (Each)	Total Cost (\$ M )	Unit Cost (\$ K )	Qty (Each)	Total Cost (\$ M )	Unit Cost (\$ K )	Qty (Each)	Total Cost (\$ M )
xx - Bradley Program Mod	P3A		-	-	4,101.899	-	-	250.710	-	-	148.193	-	-	158.000	-	-	-	-	-	158.000
<b>Total Gross/Weapon System Cost</b>					<b>4,101.899</b>			<b>250.710</b>			<b>148.193</b>			<b>158.000</b>			<b>-</b>			<b>158.000</b>

  

Item Schedule		ID CD	FY 2015			FY 2016			FY 2017			FY 2018			To Complete			Total		
Item Nomenclature*	Exhibits		Unit Cost (\$ K )	Qty (Each)	Total Cost (\$ M )	Unit Cost (\$ K )	Qty (Each)	Total Cost (\$ M )	Unit Cost (\$ K )	Qty (Each)	Total Cost (\$ M )	Unit Cost (\$ K )	Qty (Each)	Total Cost (\$ M )	Unit Cost (\$ K )	Qty (Each)	Total Cost (\$ M )	Unit Cost (\$ K )	Qty (Each)	Total Cost (\$ M )
xx - Bradley Program Mod	P3A		-	-	158.000	-	-	209.000	-	-	478.505	-	-	857.546	-	-	122.800	-	-	6,484.653
<b>Total Gross/Weapon System Cost</b>					<b>158.000</b>			<b>209.000</b>			<b>478.505</b>			<b>857.546</b>			<b>122.800</b>			<b>6,484.653</b>

\*Item Nomenclature represents Item Number, DODIC, and Item Name for the P40A and P5; Name for the P18 and P23; Modification Number and Modification Title for the P3A; Item Number and Item Name for the P10.

Note: Totals in this Exhibit P-40 set may not be exact or add due to rounding.

**Justification:**  
FY 2014 Base procurement dollars in the amount of \$158.000 million supports procurement of multiple modifications to the Bradley Family of Vehicles including the following: funds the ODS-SA Fielding's to the ARNG & Program/Engineering Support; installation of 138 upgrade kits for ECP1; funds the conversion of 46 M3 to M2 to support digitization of the Armored Brigade Combat Team (ABCT) Combat Engineers; training device obsolescence mitigation to the Bradley Advanced Training System (BATS); transmission safety upgrades to safely operate the vehicle at full combat weight.  
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**

<b>Exhibit P-3A, Individual Modification:</b> PB 2014 Army									<b>Date:</b> April 2013			
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 2033A: Procurement of W&TCV, Army / BA 01: Tracked Combat Vehicles / BSA 20: Modification Of Tracked Combat Vehicles				<b>P-1 Line Item Nomenclature:</b> GZ2400 - Bradley Program (MOD)					<b>Modification Nomenclature</b> ( <i>Modification Number - Modification Title</i> ): xx - Bradley Program Mod			
<b>Models of Systems Affected:</b> M2 & M3 Bradley Vehicle Variants			<b>Type Modification:</b> xx					<b>Related RDT&amp;E PEs:</b>				
<b>Resource Summary</b>	<b>Prior Years</b>	<b>FY 2012</b>	<b>FY 2013<sup>#</sup></b>	<b>FY 2014 Base</b>	<b>FY 2014 OCO<sup>##</sup></b>	<b>FY 2014 Total</b>	<b>FY 2015</b>	<b>FY 2016</b>	<b>FY 2017</b>	<b>FY 2018</b>	<b>To Complete</b>	<b>Total</b>
Procurement Quantity ( <i>Units in Each</i> )	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost ( <i>\$ in Millions</i> )	4,101.899	250.710	148.193	158.000	-	158.000	158.000	209.000	478.505	857.546	122.800	6,484.653
Less PY Advance Procurement ( <i>\$ in Millions</i> )	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) ( <i>\$ in Millions</i> )	4,101.899	250.710	148.193	158.000	-	158.000	158.000	209.000	478.505	857.546	122.800	6,484.653
Plus CY Advance Procurement ( <i>\$ in Millions</i> )	-	-	-	-	-	-	-	-	-	-	-	-
<b>Total Obligation Authority</b> ( <i>\$ in Millions</i> )	<b>4,101.899</b>	<b>250.710</b>	<b>148.193</b>	<b>158.000</b>	<b>-</b>	<b>158.000</b>	<b>158.000</b>	<b>209.000</b>	<b>478.505</b>	<b>857.546</b>	<b>122.800</b>	<b>6,484.653</b>
<i>(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)</i>												
Initial Spares ( <i>\$ in Millions</i> )	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost ( <i>Units in Thousands</i> )	-	-	-	-	-	-	-	-	-	-	-	-
<p><sup>#</sup> FY 2013 Program is from the FY 2013 President's Budget, submitted February 2012</p> <p><sup>##</sup> The FY 2014 OCO Request will be submitted at a later date</p> <p><b>Description:</b>  The Bradley Program (MOD) procures hardware for field 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 (i.e. JTRS, FBCB2). Bradley Program (MOD) also finishes up fielding of Operation Desert Storm (ODS) vehicle upgrades that improve its Situational Awareness (SA) with Second Generation (GEN) Forward Looking Infrared (FLIR) capability. Funds the conversion of M3 to M2 to support digitization of the Armored Brigade Combat Team Engineer vehicles. Funds training device obsolescence mitigation to the Bradley Advanced Training System (BATS); procures transmission safety upgrades to safely operate the vehicle at full combat weight and sustains critical Bradley transmission industrial base.</p>												

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Exhibit P-3A, Individual Modification: PB 2014 Army									Date: April 2013				
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 Nomenclature: GZ2400 - Bradley Program (MOD)					Modification Nomenclature (Modification Number - Modification Title): xx - Bradley Program Mod				
Models of Systems Affected: M2 & M3 Bradley Vehicle Variants				Type Modification: xx					Related RDT&E PEs:				
Financial Plan	Prior Years	FY 2012	FY 2013	FY 2014 Base	FY 2014 OCO	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total	
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	
Procurement													
Training Devices													
A Kits													
Recurring													
Training Equipment	0 / 37.300	- / -	- / -	17 / 20.655	- / -	17 / 20.655	17 / 20.655	17 / 30.655	2 / 17.000	- / -	- / -	53 / 126.265	
Subtotal Recurring	0 / 37.300	- / -	- / -	17 / 20.655	- / -	17 / 20.655	17 / 20.655	17 / 30.655	2 / 17.000	- / -	- / -	53 / 126.265	
Total, Training Devices	0 / 37.300	- / -	- / -	17 / 20.655	- / -	17 / 20.655	17 / 20.655	17 / 30.655	2 / 17.000	- / -	- / -	53 / 126.265	
Bradley Reactive Armor													
A Kits													
Recurring													
Kit Quantity	2,676 / 765.100	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	2,676 / 765.100	
Subtotal Recurring	2,676 / 765.100	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	2,676 / 765.100	
Total, Bradley Reactive Armor	2,676 / 765.100	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	2,676 / 765.100	
BFVS High Priority Improvements													
A Kits													
Recurring													
CMED Driver Vision Upgrade	617 / 85.500	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	617 / 85.500	
Reset Mods	756 / 10.500	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	756 / 10.500	
INU/Talon	271 / 5.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	271 / 5.000	
Heat Abatement/Cargo Hatch	2,764 / 2.800	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	2,764 / 2.800	
High Priority Mods	0 / 95.408	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 95.408	
Urban Survivability Mods	5,276 / 2,099.004	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	5,276 / 2,099.004	
Subtotal Recurring	9,684 / 2,298.212	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	9,684 / 2,298.212	
Total, BFVS High Priority Improvements	9,684 / 2,298.212	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	9,684 / 2,298.212	
ODS Situational Awareness													
A Kits													
Recurring													
ODS Situational Awareness	662 / 938.387	108 / 238.500	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	770 / 1,176.887	
Fielding Activities/NET	0 / 0.000	- / -	- / 15.000	- / 14.885	- / -	- / 14.885	- / -	- / -	- / -	- / -	- / -	- / 29.885	

**UNCLASSIFIED**

Exhibit P-3A, Individual Modification: PB 2014 Army								Date: April 2013					
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 Nomenclature: GZ2400 - Bradley Program (MOD)				Modification Nomenclature (Modification Number - Modification Title): xx - Bradley Program Mod					
Models of Systems Affected: M2 & M3 Bradley Vehicle Variants			Type Modification: xx					Related RDT&E PEs:					
Financial Plan	Prior Years	FY 2012	FY 2013	FY 2014 Base	FY 2014 OCO	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total	
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	
Subtotal Recurring	662 / 938.387	108 / 238.500	- / 15.000	- / 14.885	- / -	- / 14.885	- / -	- / -	- / -	- / -	- / -	770 / 1,206.772	
Total, ODS Situational Awareness	662 / 938.387	108 / 238.500	- / 15.000	- / 14.885	- / -	- / 14.885	- / -	- / -	- / -	- / -	- / -	770 / 1,206.772	
Program/Engineering Support													
A Kits													
Recurring													
Government PM support	0 / 43.000	- / 8.210	- / 28.900	- / 12.000	- / -	- / 12.000	- / 12.000	- / 12.000	- / 12.000	- / 12.000	- / -	- / 140.110	
Contractor PM Support	0 / 19.900	- / 4.000	- / 4.000	- / 18.800	- / -	- / 18.800	- / 15.100	- / 15.100	- / 15.100	- / 15.100	- / -	- / 107.100	
Subtotal Recurring	0 / 62.900	- / 12.210	- / 32.900	- / 30.800	- / -	- / 30.800	- / 27.100	- / 27.100	- / 27.100	- / 27.100	- / -	- / 247.210	
Total, Program/Engineering Support	0 / 62.900	- / 12.210	- / 32.900	- / 30.800	- / -	- / 30.800	- / 27.100	- / 27.100	- / 27.100	- / 27.100	- / -	- / 247.210	
Field Upgrades													
A Kits													
Recurring													
ECP 1 Modification	0 / 0.000	- / -	307 / 100.293	138 / 49.660	- / -	138 / 49.660	194 / 68.245	394 / 137.145	191 / 64.230	391 / 123.208	245 / 7.400	1,860 / 550.181	
ECP 2 Modification	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	191 / 370.175	391 / 707.238	1,278 / 115.400	1,860 / 1,192.813	
Subtotal Recurring	0 / 0.000	- / -	307 / 100.293	138 / 49.660	- / -	138 / 49.660	194 / 68.245	394 / 137.145	382 / 434.405	782 / 830.446	1,523 / 122.800	3,720 / 1,742.994	
Total, Field Upgrades	0 / 0.000	- / -	307 / 100.293	138 / 49.660	- / -	138 / 49.660	194 / 68.245	394 / 137.145	382 / 434.405	782 / 830.446	1,523 / 122.800	3,720 / 1,742.994	
Conversion M3-M2													
A Kits													
Recurring													
Conversion	0 / 0.000	- / -	- / -	46 / 13.800	- / -	46 / 13.800	46 / 13.800	47 / 14.100	- / -	- / -	- / -	139 / 41.700	
Subtotal Recurring	0 / 0.000	- / -	- / -	46 / 13.800	- / -	46 / 13.800	46 / 13.800	47 / 14.100	- / -	- / -	- / -	139 / 41.700	
Total, Conversion M3-M2	0 / 0.000	- / -	- / -	46 / 13.800	- / -	46 / 13.800	46 / 13.800	47 / 14.100	- / -	- / -	- / -	139 / 41.700	
Braking Safety/Transmission Industrial Base													
A Kits													
Recurring													
Transmission	0 / 0.000	- / -	- / -	120 / 28.200	- / -	120 / 28.200	120 / 28.200	- / -	- / -	- / -	- / -	240 / 56.400	
Subtotal Recurring	0 / 0.000	- / -	- / -	120 / 28.200	- / -	120 / 28.200	120 / 28.200	- / -	- / -	- / -	- / -	240 / 56.400	
Total, Braking Safety/Transmission Industrial Base	0 / 0.000	- / -	- / -	120 / 28.200	- / -	120 / 28.200	120 / 28.200	- / -	- / -	- / -	- / -	240 / 56.400	

**UNCLASSIFIED**

Exhibit P-3A, Individual Modification: PB 2014 Army								Date: April 2013				
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 Nomenclature: GZ2400 - Bradley Program (MOD)				Modification Nomenclature (Modification Number - Modification Title): xx - Bradley Program Mod				
Models of Systems Affected: M2 & M3 Bradley Vehicle Variants			Type Modification: xx					Related RDT&E PEs:				
Financial Plan	Prior Years	FY 2012	FY 2013	FY 2014 Base	FY 2014 OCO	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)
Total Procurement, All Modifications	13,022 / 4,101.899	108 / 250.710	307 / 148.193	321 / 158.000	- / -	321 / 158.000	377 / 158.000	458 / 209.000	384 / 478.505	782 / 857.546	1,523 / 122.800	17,282 / 6,484.653
Total Procurement and Support	4,101.899	250.710	148.193	158.000	-	158.000	158.000	209.000	478.505	857.546	122.800	6,484.653
Training Devices Installation Cost	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
Bradley Reactive Armor Installation Cost	2,676 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	2,676 / -
BFVS High Priority Improvements Installation Cost	9,684 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	9,684 / -
ODS Situational Awareness Installation Cost	101 / 0.000	190 / -	433 / -	46 / -	- / -	46 / -	- / -	- / -	- / -	- / -	- / -	770 / -
Program/Engineering Support Installation Cost	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
Field Upgrades Installation Cost	0 / 0.000	- / -	- / -	307 / -	- / -	307 / -	138 / -	194 / -	394 / -	382 / -	2,305 / -	3,720 / -
Conversion M3-M2 Installation Cost	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
Braking Safety/Transmission Industrial Base Installation Cost	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
Total Installation Cost	12,461 / 0.000	190 / -	433 / -	353 / -	- / -	353 / -	138 / -	194 / -	394 / -	382 / -	2,305 / -	16,850 / -
Total Cost (Procurement + Support + Installation)	4,101.899	250.710	148.193	158.000	-	158.000	158.000	209.000	478.505	857.546	122.800	6,484.653

**UNCLASSIFIED**

<b>Exhibit P-3A, Individual Modification:</b> PB 2014 Army										<b>Date:</b> April 2013																					
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 2033A: Procurement of W&TCV, Army / BA 01: Tracked Combat Vehicles / BSA 20: Modification Of Tracked Combat Vehicles										<b>P-1 Line Item Nomenclature:</b> GZ2400 - Bradley Program (MOD)										<b>Modification Nomenclature</b> ( <i>Modification Number - Modification Title</i> ): xx - Bradley Program Mod											
<b>Models of Systems Affected:</b> M2 & M3 Bradley Vehicle Variants										<b>Type Modification:</b> xx										<b>Related RDT&amp;E PEs:</b>											
<b>Manufacturer Information: Training Devices</b>																															
Manufacturer Name: OASIS														Manufacturer Location: AUBURN HILLS, MI																	
Administrative Leadtime ( <i>in Months</i> ): 5														Production Leadtime ( <i>in Months</i> ): 12																	
<b>Dates</b>		<b>FY 2012</b>				<b>FY 2013</b>				<b>FY 2014</b>				<b>FY 2015</b>				<b>FY 2016</b>				<b>FY 2017</b>				<b>FY 2018</b>					
Contract Dates														Feb 2015				Feb 2016				Feb 2017				Feb 2018					
Delivery Dates														Feb 2016				Feb 2017				Feb 2018				Feb 2019					
<b>Installation:</b> Training Devices														<b>Method of Implementation:</b> Contractor										<b>Installation Name:</b>							
<b>Installation Cost</b>		<b>Prior Years</b>		<b>FY 2012</b>		<b>FY 2013</b>		<b>FY 2014 Base</b>		<b>FY 2014 OCO</b>		<b>FY 2014 Total</b>		<b>FY 2015</b>		<b>FY 2016</b>		<b>FY 2017</b>		<b>FY 2018</b>		<b>To Complete</b>		<b>Total</b>							
		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)							
All Prior Years		0 / 0.000		0 / 0.000		0 / 0.000		0 / 0.000		- / -		0 / 0.000		0 / 0.000		0 / 0.000		0 / 0.000		0 / 0.000		0 / 0.000		0 / 0.000							
FY 2012		0 / 0.000		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -					
FY 2013		0 / 0.000		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -					
FY 2014		0 / 0.000		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -					
FY 2015		0 / 0.000		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -					
FY 2016		0 / 0.000		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -					
FY 2017		0 / 0.000		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -					
FY 2018		0 / 0.000		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -					
To Complete		0 / 0.000		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -					
Total		0 / 0.000		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -					
<b>Installation Schedule</b>																															
	<b>APY</b>	<b>FY 2012</b>				<b>FY 2013</b>				<b>FY 2014</b>				<b>FY 2015</b>				<b>FY 2016</b>				<b>FY 2017</b>				<b>FY 2018</b>					
		<b>1</b>	<b>2</b>	<b>3</b>	<b>4</b>	<b>1</b>	<b>2</b>	<b>3</b>	<b>4</b>	<b>1</b>	<b>2</b>	<b>3</b>	<b>4</b>	<b>1</b>	<b>2</b>	<b>3</b>	<b>4</b>	<b>1</b>	<b>2</b>	<b>3</b>	<b>4</b>	<b>1</b>	<b>2</b>	<b>3</b>	<b>4</b>	<b>1</b>	<b>2</b>	<b>3</b>	<b>4</b>	<b>TC</b>	<b>Tot</b>
In	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Out	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

**UNCLASSIFIED**

<b>Exhibit P-3A, Individual Modification:</b> PB 2014 Army										<b>Date:</b> April 2013																					
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 2033A: Procurement of W&TCV, Army / BA 01: Tracked Combat Vehicles / BSA 20: Modification Of Tracked Combat Vehicles										<b>P-1 Line Item Nomenclature:</b> GZ2400 - Bradley Program (MOD)										<b>Modification Nomenclature</b> ( <i>Modification Number - Modification Title</i> ): xx - Bradley Program Mod											
<b>Models of Systems Affected:</b> M2 & M3 Bradley Vehicle Variants										<b>Type Modification:</b> xx										<b>Related RDT&amp;E PEs:</b>											
<b>Manufacturer Information: Bradley Reactive Armor</b>																															
Manufacturer Name: GDATP														Manufacturer Location: Burlington, VT																	
Administrative Leadtime ( <i>in Months</i> ): 5														Production Leadtime ( <i>in Months</i> ): 6																	
<b>Dates</b>		<b>FY 2012</b>				<b>FY 2013</b>				<b>FY 2014</b>				<b>FY 2015</b>				<b>FY 2016</b>				<b>FY 2017</b>				<b>FY 2018</b>					
Contract Dates																															
Delivery Dates																															
<b>Installation:</b> Bradley Reactive Armor										<b>Method of Implementation:</b> Contractor										<b>Installation Name:</b>											
<b>Installation Cost</b>		<b>Prior Years</b>		<b>FY 2012</b>		<b>FY 2013</b>		<b>FY 2014 Base</b>		<b>FY 2014 OCO</b>		<b>FY 2014 Total</b>		<b>FY 2015</b>		<b>FY 2016</b>		<b>FY 2017</b>		<b>FY 2018</b>		<b>To Complete</b>		<b>Total</b>							
		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)							
All Prior Years		2,676 / 0.000		0 / 0.000		0 / 0.000		0 / 0.000		- / -		0 / 0.000		0 / 0.000		0 / 0.000		0 / 0.000		0 / 0.000		0 / 0.000		0 / 0.000		2,676 / 0.000					
FY 2012		0 / 0.000		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -					
FY 2013		0 / 0.000		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -					
FY 2014		0 / 0.000		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -					
FY 2015		0 / 0.000		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -					
FY 2016		0 / 0.000		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -					
FY 2017		0 / 0.000		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -					
FY 2018		0 / 0.000		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -					
To Complete		0 / 0.000		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -					
Total		2,676 / 0.000		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		2,676 / -					
<b>Installation Schedule</b>																															
	<b>APY</b>	<b>FY 2012</b>				<b>FY 2013</b>				<b>FY 2014</b>				<b>FY 2015</b>				<b>FY 2016</b>				<b>FY 2017</b>				<b>FY 2018</b>					
		<b>1</b>	<b>2</b>	<b>3</b>	<b>4</b>	<b>1</b>	<b>2</b>	<b>3</b>	<b>4</b>	<b>1</b>	<b>2</b>	<b>3</b>	<b>4</b>	<b>1</b>	<b>2</b>	<b>3</b>	<b>4</b>	<b>1</b>	<b>2</b>	<b>3</b>	<b>4</b>	<b>1</b>	<b>2</b>	<b>3</b>	<b>4</b>	<b>1</b>	<b>2</b>	<b>3</b>	<b>4</b>	<b>TC</b>	<b>Tot</b>
In	2,676	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2,676
Out	2,676	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2,676



**UNCLASSIFIED**

<b>Exhibit P-3A, Individual Modification:</b> PB 2014 Army						<b>Date:</b> April 2013	
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 2033A: Procurement of W&TCV, Army / BA 01: Tracked Combat Vehicles / BSA 20: Modification Of Tracked Combat Vehicles			<b>P-1 Line Item Nomenclature:</b> GZ2400 - Bradley Program (MOD)			<b>Modification Nomenclature</b> (Modification Number - Modification Title): xx - Bradley Program Mod	
<b>Models of Systems Affected:</b> M2 & M3 Bradley Vehicle Variants			<b>Type Modification:</b> xx			<b>Related RDT&amp;E PEs:</b>	

<b>Manufacturer Information: BFVS High Priority Improvements</b>							
Manufacturer Name: BAE				Manufacturer Location: YORK, PA			
Administrative Leadtime (in Months): 5				Production Leadtime (in Months): 6			
<b>Dates</b>	<b>FY 2012</b>	<b>FY 2013</b>	<b>FY 2014</b>	<b>FY 2015</b>	<b>FY 2016</b>	<b>FY 2017</b>	<b>FY 2018</b>
Contract Dates							
Delivery Dates							

<b>Installation:</b> BFVS High Priority Improvements				<b>Method of Implementation:</b> Contractor				<b>Installation Name:</b>				
<b>Installation Cost</b>	<b>Prior Years</b>	<b>FY 2012</b>	<b>FY 2013</b>	<b>FY 2014 Base</b>	<b>FY 2014 OCO</b>	<b>FY 2014 Total</b>	<b>FY 2015</b>	<b>FY 2016</b>	<b>FY 2017</b>	<b>FY 2018</b>	<b>To Complete</b>	<b>Total</b>
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)
All Prior Years	9,684 / 0.000	0 / 0.000	0 / 0.000	0 / 0.000	- / -	0 / 0.000	0 / 0.000	0 / 0.000	0 / 0.000	0 / 0.000	0 / 0.000	9,684 / 0.000
FY 2012	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2013	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2014	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2015	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2016	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2017	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2018	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
To Complete	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
Total	9,684 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	9,684 / -

Installation Schedule																															
	APY	FY 2012				FY 2013				FY 2014				FY 2015				FY 2016				FY 2017				FY 2018				TC	Tot
		1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4		
In	9,684	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	9,684
Out	9,684	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	9,684

**UNCLASSIFIED**

<b>Exhibit P-3A, Individual Modification:</b> PB 2014 Army						<b>Date:</b> April 2013	
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 2033A: Procurement of W&TCV, Army / BA 01: Tracked Combat Vehicles / BSA 20: Modification Of Tracked Combat Vehicles			<b>P-1 Line Item Nomenclature:</b> GZ2400 - Bradley Program (MOD)			<b>Modification Nomenclature</b> (Modification Number - Modification Title): xx - Bradley Program Mod	
<b>Models of Systems Affected:</b> M2 & M3 Bradley Vehicle Variants			<b>Type Modification:</b> xx			<b>Related RDT&amp;E PEs:</b>	

<b>Manufacturer Information: ODS Situational Awareness</b>							
Manufacturer Name: BAE				Manufacturer Location: YORK, PA			
Administrative Leadtime (in Months): 8				Production Leadtime (in Months): 12			
<b>Dates</b>	<b>FY 2012</b>	<b>FY 2013</b>	<b>FY 2014</b>	<b>FY 2015</b>	<b>FY 2016</b>	<b>FY 2017</b>	<b>FY 2018</b>
Contract Dates	May 2011	May 2012	May 2013				
Delivery Dates	May 2012	May 2013	May 2014				

<b>Installation:</b> ODS Situational Awareness				<b>Method of Implementation:</b> Contractor				<b>Installation Name:</b>				
<b>Installation Cost</b>	<b>Prior Years</b>	<b>FY 2012</b>	<b>FY 2013</b>	<b>FY 2014 Base</b>	<b>FY 2014 OCO</b>	<b>FY 2014 Total</b>	<b>FY 2015</b>	<b>FY 2016</b>	<b>FY 2017</b>	<b>FY 2018</b>	<b>To Complete</b>	<b>Total</b>
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)
All Prior Years	101 / 0.000	190 / 0.000	371 / 0.000	0 / 0.000	- / -	0 / 0.000	0 / 0.000	0 / 0.000	0 / 0.000	0 / 0.000	0 / 0.000	662 / 0.000
FY 2012	0 / 0.000	- / -	62 / -	46 / -	- / -	46 / -	- / -	- / -	- / -	- / -	- / -	108 / -
FY 2013	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2014	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2015	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2016	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2017	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2018	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
To Complete	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
Total	101 / 0.000	190 / -	433 / -	46 / -	- / -	46 / -	- / -	- / -	- / -	- / -	- / -	770 / -

Installation Schedule																															
	APY	FY 2012				FY 2013				FY 2014				FY 2015				FY 2016				FY 2017				FY 2018				TC	Tot
		1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4						
In	101	47	47	48	48	108	108	108	109	11	11	12	12	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	770	
Out	101	47	47	48	48	108	108	108	109	11	11	12	12	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	770	

**UNCLASSIFIED**

<b>Exhibit P-3A, Individual Modification:</b> PB 2014 Army										<b>Date:</b> April 2013																					
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 2033A: Procurement of W&TCV, Army / BA 01: Tracked Combat Vehicles / BSA 20: Modification Of Tracked Combat Vehicles										<b>P-1 Line Item Nomenclature:</b> GZ2400 - Bradley Program (MOD)										<b>Modification Nomenclature</b> (Modification Number - Modification Title): xx - Bradley Program Mod											
<b>Models of Systems Affected:</b> M2 & M3 Bradley Vehicle Variants										<b>Type Modification:</b> xx										<b>Related RDT&amp;E PEs:</b>											
<b>Manufacturer Information: Program/Engineering Support</b>																															
Manufacturer Name: N/A													Manufacturer Location: WARREN, MI																		
Administrative Leadtime (in Months): 1													Production Leadtime (in Months): 1																		
<b>Dates</b>		<b>FY 2012</b>				<b>FY 2013</b>				<b>FY 2014</b>				<b>FY 2015</b>				<b>FY 2016</b>				<b>FY 2017</b>				<b>FY 2018</b>					
Contract Dates		Oct 2010				Oct 2011				Oct 2012				Oct 2013																	
Delivery Dates		Nov 2010				Nov 2011				Nov 2012				Nov 2013																	
<b>Installation: Program/Engineering Support</b>													<b>Method of Implementation:</b> x										<b>Installation Name:</b>								
<b>Installation Cost</b>		<b>Prior Years</b>		<b>FY 2012</b>		<b>FY 2013</b>		<b>FY 2014 Base</b>		<b>FY 2014 OCO</b>		<b>FY 2014 Total</b>		<b>FY 2015</b>		<b>FY 2016</b>		<b>FY 2017</b>		<b>FY 2018</b>		<b>To Complete</b>		<b>Total</b>							
		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)							
All Prior Years		0 / 0.000		0 / 0.000		0 / 0.000		0 / 0.000		- / -		0 / 0.000		0 / 0.000		0 / 0.000		0 / 0.000		0 / 0.000		0 / 0.000		0 / 0.000							
FY 2012		0 / 0.000		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -							
FY 2013		0 / 0.000		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -							
FY 2014		0 / 0.000		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -							
FY 2015		0 / 0.000		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -							
FY 2016		0 / 0.000		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -							
FY 2017		0 / 0.000		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -							
FY 2018		0 / 0.000		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -							
To Complete		0 / 0.000		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -							
Total		0 / 0.000		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -							
<b>Installation Schedule</b>																															
	<b>APY</b>	<b>FY 2012</b>				<b>FY 2013</b>				<b>FY 2014</b>				<b>FY 2015</b>				<b>FY 2016</b>				<b>FY 2017</b>				<b>FY 2018</b>					
		<b>1</b>	<b>2</b>	<b>3</b>	<b>4</b>	<b>1</b>	<b>2</b>	<b>3</b>	<b>4</b>	<b>1</b>	<b>2</b>	<b>3</b>	<b>4</b>	<b>1</b>	<b>2</b>	<b>3</b>	<b>4</b>	<b>1</b>	<b>2</b>	<b>3</b>	<b>4</b>	<b>1</b>	<b>2</b>	<b>3</b>	<b>4</b>	<b>1</b>	<b>2</b>	<b>3</b>	<b>4</b>	<b>TC</b>	<b>Tot</b>
In	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Out	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

**UNCLASSIFIED**

<b>Exhibit P-3A, Individual Modification:</b> PB 2014 Army										<b>Date:</b> April 2013																					
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 2033A: Procurement of W&TCV, Army / BA 01: Tracked Combat Vehicles / BSA 20: Modification Of Tracked Combat Vehicles										<b>P-1 Line Item Nomenclature:</b> GZ2400 - Bradley Program (MOD)										<b>Modification Nomenclature</b> (Modification Number - Modification Title): xx - Bradley Program Mod											
<b>Models of Systems Affected:</b> M2 & M3 Bradley Vehicle Variants										<b>Type Modification:</b> xx										<b>Related RDT&amp;E PEs:</b>											
<b>Manufacturer Information: Field Upgrades</b>																															
Manufacturer Name: Competitive (BAE/TBD)													Manufacturer Location: ANNISTON, AL/ TBD																		
Administrative Leadtime (in Months): 12													Production Leadtime (in Months): 12																		
<b>Dates</b>		<b>FY 2012</b>				<b>FY 2013</b>				<b>FY 2014</b>				<b>FY 2015</b>				<b>FY 2016</b>				<b>FY 2017</b>				<b>FY 2018</b>					
Contract Dates						Apr 2013				Sep 2014				Sep 2015				Sep 2016				Sep 2017				Sep 2018					
Delivery Dates						Apr 2014				Sep 2015				Sep 2016				Sep 2017				Sep 2018				Sep 2019					
<b>Installation:</b> Field Upgrades													<b>Method of Implementation:</b> xx										<b>Installation Name:</b>								
<b>Installation Cost</b>		<b>Prior Years</b>		<b>FY 2012</b>		<b>FY 2013</b>		<b>FY 2014 Base</b>		<b>FY 2014 OCO</b>		<b>FY 2014 Total</b>		<b>FY 2015</b>		<b>FY 2016</b>		<b>FY 2017</b>		<b>FY 2018</b>		<b>To Complete</b>		<b>Total</b>							
		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)							
All Prior Years		0 / 0.000		0 / 0.000		0 / 0.000		0 / 0.000		- / -		0 / 0.000		0 / 0.000		0 / 0.000		0 / 0.000		0 / 0.000		0 / 0.000		0 / 0.000							
FY 2012		0 / 0.000		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -							
FY 2013		0 / 0.000		- / -		- / -		307 / -		- / -		307 / -		- / -		- / -		- / -		- / -		- / -		307 / -							
FY 2014		0 / 0.000		- / -		- / -		- / -		- / -		- / -		138 / -		- / -		- / -		- / -		- / -		138 / -							
FY 2015		0 / 0.000		- / -		- / -		- / -		- / -		- / -		- / -		194 / -		- / -		- / -		- / -		194 / -							
FY 2016		0 / 0.000		- / -		- / -		- / -		- / -		- / -		- / -		- / -		394 / -		- / -		- / -		394 / -							
FY 2017		0 / 0.000		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		382 / -		- / -		382 / -							
FY 2018		0 / 0.000		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		782 / -		782 / -							
To Complete		0 / 0.000		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		1,523 / -		1,523 / -							
Total		0 / 0.000		- / -		- / -		307 / -		- / -		307 / -		138 / -		194 / -		394 / -		382 / -		2,305 / -		3,720 / -							
<b>Installation Schedule</b>																															
	<b>APY</b>	<b>FY 2012</b>				<b>FY 2013</b>				<b>FY 2014</b>				<b>FY 2015</b>				<b>FY 2016</b>				<b>FY 2017</b>				<b>FY 2018</b>					
		<b>1</b>	<b>2</b>	<b>3</b>	<b>4</b>	<b>1</b>	<b>2</b>	<b>3</b>	<b>4</b>	<b>1</b>	<b>2</b>	<b>3</b>	<b>4</b>	<b>1</b>	<b>2</b>	<b>3</b>	<b>4</b>	<b>1</b>	<b>2</b>	<b>3</b>	<b>4</b>	<b>1</b>	<b>2</b>	<b>3</b>	<b>4</b>	<b>1</b>	<b>2</b>	<b>3</b>	<b>4</b>	<b>TC</b>	<b>Tot</b>
In	-	-	-	-	-	-	-	-	-	76	77	77	77	34	34	35	35	48	48	49	49	98	98	99	99	95	95	96	96	2,305	3,720
Out	-	-	-	-	-	-	-	-	-	76	77	77	77	34	34	35	35	48	48	49	49	98	98	99	99	95	95	96	96	2,305	3,720

**UNCLASSIFIED**

<b>Exhibit P-3A, Individual Modification:</b> PB 2014 Army										<b>Date:</b> April 2013																					
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 2033A: Procurement of W&TCV, Army / BA 01: Tracked Combat Vehicles / BSA 20: Modification Of Tracked Combat Vehicles										<b>P-1 Line Item Nomenclature:</b> GZ2400 - Bradley Program (MOD)										<b>Modification Nomenclature</b> ( <i>Modification Number - Modification Title</i> ): xx - Bradley Program Mod											
<b>Models of Systems Affected:</b> M2 & M3 Bradley Vehicle Variants										<b>Type Modification:</b> xx										<b>Related RDT&amp;E PEs:</b>											
<b>Manufacturer Information: Conversion M3-M2</b>																															
Manufacturer Name: BAE														Manufacturer Location: YORK, PA																	
Administrative Leadtime ( <i>in Months</i> ): 6														Production Leadtime ( <i>in Months</i> ): 12																	
<b>Dates</b>		<b>FY 2012</b>				<b>FY 2013</b>				<b>FY 2014</b>				<b>FY 2015</b>				<b>FY 2016</b>				<b>FY 2017</b>				<b>FY 2018</b>					
Contract Dates														Mar 2015				Mar 2016				Mar 2017									
Delivery Dates														Mar 2016				Mar 2017				Mar 2018									
<b>Installation:</b> Conversion M3-M2														<b>Method of Implementation:</b> Contractor										<b>Installation Name:</b>							
<b>Installation Cost</b>		<b>Prior Years</b>		<b>FY 2012</b>		<b>FY 2013</b>		<b>FY 2014 Base</b>		<b>FY 2014 OCO</b>		<b>FY 2014 Total</b>		<b>FY 2015</b>		<b>FY 2016</b>		<b>FY 2017</b>		<b>FY 2018</b>		<b>To Complete</b>		<b>Total</b>							
		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)							
All Prior Years		0 / 0.000		0 / 0.000		0 / 0.000		0 / 0.000		- / -		0 / 0.000		0 / 0.000		0 / 0.000		0 / 0.000		0 / 0.000		0 / 0.000		0 / 0.000		0 / 0.000					
FY 2012		0 / 0.000		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -			
FY 2013		0 / 0.000		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -			
FY 2014		0 / 0.000		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -			
FY 2015		0 / 0.000		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -			
FY 2016		0 / 0.000		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -			
FY 2017		0 / 0.000		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -			
FY 2018		0 / 0.000		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -			
To Complete		0 / 0.000		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -			
Total		0 / 0.000		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -			
<b>Installation Schedule</b>																															
	<b>APY</b>	<b>FY 2012</b>				<b>FY 2013</b>				<b>FY 2014</b>				<b>FY 2015</b>				<b>FY 2016</b>				<b>FY 2017</b>				<b>FY 2018</b>					
		<b>1</b>	<b>2</b>	<b>3</b>	<b>4</b>	<b>1</b>	<b>2</b>	<b>3</b>	<b>4</b>	<b>1</b>	<b>2</b>	<b>3</b>	<b>4</b>	<b>1</b>	<b>2</b>	<b>3</b>	<b>4</b>	<b>1</b>	<b>2</b>	<b>3</b>	<b>4</b>	<b>1</b>	<b>2</b>	<b>3</b>	<b>4</b>	<b>1</b>	<b>2</b>	<b>3</b>	<b>4</b>	<b>TC</b>	<b>Tot</b>
In	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Out	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

**UNCLASSIFIED**

Exhibit P-3A, Individual Modification: PB 2014 Army				Date: April 2013	
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 Nomenclature: GZ2400 - Bradley Program (MOD)		Modification Nomenclature (Modification Number - Modification Title): xx - Bradley Program Mod	
Models of Systems Affected: M2 & M3 Bradley Vehicle Variants		Type Modification: xx			

<b>Manufacturer Information: Braking Safety/Transmission Industrial Base</b>											
Manufacturer Name: L3COM						Manufacturer Location: MUSKEGON, MI					
Administrative Leadtime ( <i>in Months</i> ): 5						Production Leadtime ( <i>in Months</i> ): 12					
<b>Dates</b>	<b>FY 2012</b>	<b>FY 2013</b>		<b>FY 2014</b>		<b>FY 2015</b>	<b>FY 2016</b>		<b>FY 2017</b>		<b>FY 2018</b>
Contract Dates						Feb 2015	Feb 2016				
Delivery Dates						Feb 2016	Feb 2017				

<b>Installation:</b> Braking Safety/Transmission Industrial Base				<b>Method of Implementation:</b> Contractor					<b>Installation Name:</b>			
<b>Installation Cost</b>	<b>Prior Years</b>	<b>FY 2012</b>	<b>FY 2013</b>	<b>FY 2014 Base</b>	<b>FY 2014 OCO</b>	<b>FY 2014 Total</b>	<b>FY 2015</b>	<b>FY 2016</b>	<b>FY 2017</b>	<b>FY 2018</b>	<b>To Complete</b>	<b>Total</b>
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)
All Prior Years	0 / 0.000	0 / 0.000	0 / 0.000	0 / 0.000	- / -	0 / 0.000	0 / 0.000	0 / 0.000	0 / 0.000	0 / 0.000	0 / 0.000	0 / 0.000
FY 2012	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2013	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2014	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2015	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2016	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2017	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2018	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
To Complete	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
Total	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -

Installation Schedule																															
	APY	FY 2012				FY 2013				FY 2014				FY 2015				FY 2016				FY 2017				FY 2018				TC	Tot
		1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4		
In	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Out	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	

**UNCLASSIFIED**

<b>Exhibit P-40, Budget Item Justification Sheet:</b> PB 2014 Army	<b>Date:</b> April 2013
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<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 2033A: Procurement of W&TCV, Army / BA 01: Tracked Combat Vehicles / BSA 20: Modification Of Tracked Combat Vehicles	<b>P-1 Line Item Nomenclature:</b> GA0400 - Howitzer, Med Sp Ft 155MM M109A6 (MOD)
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<b>ID Code</b> (A=Service Ready, B=Not Service Ready) : B	<b>Program Elements for Code B Items:</b> 0604854A	<b>Other Related Program Elements:</b> 0604854A
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**MDAP/MAIS Code(s):**

Resource Summary	Prior Years	FY 2012	FY 2013 <sup>#</sup>	FY 2014 Base	FY 2014 OCO <sup>##</sup>	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total
Procurement Quantity ( <i>Units in Each</i> )	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost ( <i>\$ in Millions</i> )	1,844.988	46.876	10.341	4.769	-	4.769	49.333	43.788	-	-	3,566.716	5,566.811
Less PY Advance Procurement ( <i>\$ in Millions</i> )	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) ( <i>\$ in Millions</i> )	1,844.988	46.876	10.341	4.769	-	4.769	49.333	43.788	-	-	3,566.716	5,566.811
Plus CY Advance Procurement ( <i>\$ in Millions</i> )	-	-	-	-	-	-	-	-	-	-	-	-
<b>Total Obligation Authority</b> ( <i>\$ in Millions</i> )	<b>1,844.988</b>	<b>46.876</b>	<b>10.341</b>	<b>4.769</b>	<b>-</b>	<b>4.769</b>	<b>49.333</b>	<b>43.788</b>	<b>-</b>	<b>-</b>	<b>3,566.716</b>	<b>5,566.811</b>

*(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>Units in Thousands</i> )	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost ( <i>Units in Thousands</i> )	-	-	-	-	-	-	-	-	-	-	-	-

<sup>#</sup> FY 2013 Program is from the FY 2013 President's Budget, submitted February 2012

<sup>##</sup> The FY 2014 OCO Request will be submitted at a later date

**Description:**

The Paladin program is an ACAT II program in full sustainment. The Paladin program consists of the M109A6 Paladin Self-Propelled Howitzer (SPH) and the M992A2 Field Artillery Ammunition Supply Vehicle (FAASV.) The funding profile supports all aspects of program management necessary to support the field fleet of 660 SPHs and 599 FAASVs in 24 Active Duty Army and National Guard Battalions organic to Armored Brigade Combat Teams (ABCT); 10 Battalions organic to Army Fires Brigades; two Battalions (plus floats) in ABCT Army Prepositioned Stocks; two Intuitional Training Sites, two Combat Training Centers, and other facility vehicles for System Technical Support engineering developmental work and prove out.

Secondary Distribution		FY 2012	FY 2013	FY 2014 Base	FY 2014 OCO	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018
Army	Quantity	-	-	-	-	-	-	-	-	-
	Total Obligation Authority	46.876	10.341	2.861	-	2.861	29.600	26.273	-	-
ANG	Quantity	-	-	-	-	-	-	-	-	-
	Total Obligation Authority	-	-	1.908	-	1.908	19.733	17.515	-	-

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<b>Exhibit P-40, Budget Item Justification Sheet:</b> PB 2014 Army																<b>Date:</b> April 2013					
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 2033A: Procurement of W&TCV, Army / BA 01: Tracked Combat Vehicles / BSA 20: Modification Of Tracked Combat Vehicles												<b>P-1 Line Item Nomenclature:</b> GA0400 - Howitzer, Med Sp Ft 155MM M109A6 (MOD)									
<b>ID Code</b> (A=Service Ready, B=Not Service Ready) : B						<b>Program Elements for Code B Items:</b> 0604854A						<b>Other Related Program Elements:</b> 0604854A									
<b>MDAP/MAIS Code(s):</b>																					

  

Item Schedule		ID CD	Prior Years			FY 2012			FY 2013			FY 2014 Base			FY 2014 OCO			FY 2014 Total		
Item Nomenclature*	Exhibits		Unit Cost (\$ K )	Qty (Each)	Total Cost (\$ M )	Unit Cost (\$ K )	Qty (Each)	Total Cost (\$ M )	Unit Cost (\$ K )	Qty (Each)	Total Cost (\$ M )	Unit Cost (\$ K )	Qty (Each)	Total Cost (\$ M )	Unit Cost (\$ K )	Qty (Each)	Total Cost (\$ M )	Unit Cost (\$ K )	Qty (Each)	Total Cost (\$ M )
None - Paladin/FAASV Modification Program	P3A		-	-	1,844.988	-	-	46.876	-	-	10.341	-	-	4.769	-	-	-	-	-	4.769
<b>Total Gross/Weapon System Cost</b>					<b>1,844.988</b>			<b>46.876</b>			<b>10.341</b>			<b>4.769</b>			<b>-</b>			<b>4.769</b>

  

Item Schedule		ID CD	FY 2015			FY 2016			FY 2017			FY 2018			To Complete			Total		
Item Nomenclature*	Exhibits		Unit Cost (\$ K )	Qty (Each)	Total Cost (\$ M )	Unit Cost (\$ K )	Qty (Each)	Total Cost (\$ M )	Unit Cost (\$ K )	Qty (Each)	Total Cost (\$ M )	Unit Cost (\$ K )	Qty (Each)	Total Cost (\$ M )	Unit Cost (\$ K )	Qty (Each)	Total Cost (\$ M )	Unit Cost (\$ K )	Qty (Each)	Total Cost (\$ M )
None - Paladin/FAASV Modification Program	P3A		-	-	49.333	-	-	43.788	-	-	-	-	-	-	-	-	3,566.716	-	-	5,566.811
<b>Total Gross/Weapon System Cost</b>					<b>49.333</b>			<b>43.788</b>			<b>-</b>			<b>-</b>			<b>3,566.716</b>			<b>5,566.811</b>

\*Item Nomenclature represents Item Number, DODIC, and Item Name for the P40A and P5; Name for the P18 and P23; Modification Number and Modification Title for the P3A; Item Number and Item Name for the P10.

Note: Totals in this Exhibit P-40 set may not be exact or add due to rounding.

**Justification:**

FY 2014 base procurement funding in the amount of \$4.769 million supports all aspects of a program in full sustainment. Program Management is for the oversight of Other Governmental Agencies (OGAs) that provide material support to the system and the fielded units to ensure configuration management; provides the analysis and root cause of safety and non-safety related field failures; provides management of the Army's Paladin Combat Vehicle Evaluation (CVE) program; provides quality process management of production for Paladin Depot Overhaul operations; provides planning and execution for obsolescence of parts, sub-systems and systems; develop and coordinate shrinking supply base mitigation strategies with item managers; provides management of Post Production Software Support (PPSS). The program office works to lower Operation and Sustainment costs and improve unit readiness by analyzing data and determining solutions to solve the field's problem sets. Manages the Systems Technical Support/ Sustainment Systems Technical Support (STS/SSTS) contract that provides the direct support to the program and the field. Contractor provides the direct engineering support required to design and produce a material solution/change to the system; provides the logistical support to provision, source, and support the field with the material solution/change. Contractor also updates/corrects all system technical data, provisioning data, technical manuals, and Interactive-Electronic Technical Manuals (IETMs). Contractor provides emergency field support to the Government as required essential for mission accomplishment.

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**

<b>Exhibit P-3A, Individual Modification:</b> PB 2014 Army								<b>Date:</b> April 2013				
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 2033A: Procurement of W&TCV, Army / BA 01: Tracked Combat Vehicles / BSA 20: Modification Of Tracked Combat Vehicles				<b>P-1 Line Item Nomenclature:</b> GA0400 - Howitzer, Med Sp Ft 155MM M109A6 (MOD)				<b>Modification Nomenclature</b> <i>(Modification Number - Modification Title):</i> None - Paladin/FAASV Modification Program				
<b>Models of Systems Affected:</b> M109 Howitzer and M992 FAASV Vehicles			<b>Type Modification:</b> Unclassified					<b>Related RDT&amp;E PEs:</b>				
<b>Resource Summary</b>	<b>Prior Years</b>	<b>FY 2012</b>	<b>FY 2013<sup>#</sup></b>	<b>FY 2014 Base</b>	<b>FY 2014 OCO<sup>##</sup></b>	<b>FY 2014 Total</b>	<b>FY 2015</b>	<b>FY 2016</b>	<b>FY 2017</b>	<b>FY 2018</b>	<b>To Complete</b>	<b>Total</b>
Procurement Quantity <i>(Units in Each)</i>	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost <i>(\$ in Millions)</i>	1,844.988	46.876	10.341	4.769	-	4.769	49.333	43.788	-	-	3,566.716	5,566.811
Less PY Advance Procurement <i>(\$ in Millions)</i>	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) <i>(\$ in Millions)</i>	1,844.988	46.876	10.341	4.769	-	4.769	49.333	43.788	-	-	3,566.716	5,566.811
Plus CY Advance Procurement <i>(\$ in Millions)</i>	-	-	-	-	-	-	-	-	-	-	-	-
<b>Total Obligation Authority <i>(\$ in Millions)</i></b>	<b>1,844.988</b>	<b>46.876</b>	<b>10.341</b>	<b>4.769</b>	<b>-</b>	<b>4.769</b>	<b>49.333</b>	<b>43.788</b>	<b>-</b>	<b>-</b>	<b>3,566.716</b>	<b>5,566.811</b>
<i>(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)</i>												
Initial Spares <i>(\$ in Millions)</i>	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost <i>(Units in Thousands)</i>	-	-	-	-	-	-	-	-	-	-	-	-
<p><sup>#</sup> FY 2013 Program is from the FY 2013 President's Budget, submitted February 2012</p> <p><sup>##</sup> The FY 2014 OCO Request will be submitted at a later date</p> <p><b>Description:</b>          Funding supports modifications to the Paladin/FAASV Stowage Improvements, Training Aids, Devices, Simulators and Simulations - Replacement (TADSS-R) kits, Paladin Digital Fire Control System - Replacement (PDFCS-R) kits, and Dynamic Reference Unit Hybrid - Replacement (DRUH-R) kits, Paladin Fire Control System (PFCS) kits, System Technical Support (STS), and Program Office Requirements.</p>												

**UNCLASSIFIED**

Exhibit P-3A, Individual Modification: PB 2014 Army								Date: April 2013					
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 Nomenclature: GA0400 - Howitzer, Med Sp Ft 155MM M109A6 (MOD)						Modification Nomenclature (Modification Number - Modification Title): None - Paladin/FAASV Modification Program			
Models of Systems Affected: M109 Howitzer and M992 FAASV Vehicles				Type Modification: Unclassified					Related RDT&E PEs:				
Financial Plan	Prior Years	FY 2012	FY 2013	FY 2014 Base	FY 2014 OCO	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total	
	Qty (Each) / Total Cost (\$ M )	Qty (Each) / Total Cost (\$ M )	Qty (Each) / Total Cost (\$ M )	Qty (Each) / Total Cost (\$ M )	Qty (Each) / Total Cost (\$ M )	Qty (Each) / Total Cost (\$ M )	Qty (Each) / Total Cost (\$ M )	Qty (Each) / Total Cost (\$ M )	Qty (Each) / Total Cost (\$ M )	Qty (Each) / Total Cost (\$ M )	Qty (Each) / Total Cost (\$ M )	Qty (Each) / Total Cost (\$ M )	
Procurement													
Prior Years Closed Mods													
A Kits													
Recurring													
Prior Closed Mods	0 / 1,839.744	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 1,839.744	
Subtotal Recurring	0 / 1,839.744	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 1,839.744	
Total, Prior Years Closed Mods	0 / 1,839.744	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 1,839.744	
Paladin System Technical Support - Contr													
A Kits													
Recurring													
STS	0 / 0.000	- / -	- / 5.709	- / 3.599	- / -	- / 3.599	- / 5.785	- / 5.889	- / -	- / -	- / 3,566.716	- / 3,587.698	
Subtotal Recurring	0 / 0.000	- / -	- / 5.709	- / 3.599	- / -	- / 3.599	- / 5.785	- / 5.889	- / -	- / -	- / 3,566.716	- / 3,587.698	
Total, Paladin System Technical Support - Contr	0 / 0.000	- / -	- / 5.709	- / 3.599	- / -	- / 3.599	- / 5.785	- / 5.889	- / -	- / -	- / 3,566.716	- / 3,587.698	
Paladin Program Office													
A Kits													
Recurring													
PM Support	0 / 1.242	- / 1.218	- / 1.000	- / 1.170	- / -	- / 1.170	- / 1.191	- / 1.212	- / -	- / -	- / -	- / 7.033	
Subtotal Recurring	0 / 1.242	- / 1.218	- / 1.000	- / 1.170	- / -	- / 1.170	- / 1.191	- / 1.212	- / -	- / -	- / -	- / 7.033	
Total, Paladin Program Office	0 / 1.242	- / 1.218	- / 1.000	- / 1.170	- / -	- / 1.170	- / 1.191	- / 1.212	- / -	- / -	- / -	- / 7.033	
Paladin TADSS													
A Kits													
Recurring													
Training Devices	0 / 4.002	- / -	- / 0.132	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 4.134	
Subtotal Recurring	0 / 4.002	- / -	- / 0.132	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 4.134	
Total, Paladin TADSS	0 / 4.002	- / -	- / 0.132	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 4.134	

**UNCLASSIFIED**

Exhibit P-3A, Individual Modification: PB 2014 Army								Date: April 2013				
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 Nomenclature: GA0400 - Howitzer, Med Sp Ft 155MM M109A6 (MOD)					Modification Nomenclature (Modification Number - Modification Title): None - Paladin/FAASV Modification Program			
Models of Systems Affected: M109 Howitzer and M992 FAASV Vehicles				Type Modification: Unclassified				Related RDT&E PEs:				
Financial Plan	Prior Years	FY 2012	FY 2013	FY 2014 Base	FY 2014 OCO	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)
Paladin Digital Fire Control System - Replacement												
A Kits												
Recurring												
PDFCS-R	0 / 0.000	- / -	10 / 1.795	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	10 / 1.795
Subtotal Recurring	0 / 0.000	- / -	10 / 1.795	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	10 / 1.795
Total, Paladin Digital Fire Control System - Replacement	0 / 0.000	- / -	10 / 1.795	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	10 / 1.795
Dynamic Reference Unit Hybrid - Replacement												
A Kits												
Recurring												
DRUH-R	0 / 0.000	- / -	10 / 1.705	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	10 / 1.705
Subtotal Recurring	0 / 0.000	- / -	10 / 1.705	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	10 / 1.705
Total, Dynamic Reference Unit Hybrid - Replacement	0 / 0.000	- / -	10 / 1.705	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	10 / 1.705
Paladin Fire Control System												
A Kits												
Recurring												
Kit Quantity	0 / 0.000	51 / 45.658	- / -	- / -	- / -	- / -	92 / 42.357	76 / 36.687	- / -	- / -	- / -	219 / 124.702
Subtotal Recurring	0 / 0.000	51 / 45.658	- / -	- / -	- / -	- / -	92 / 42.357	76 / 36.687	- / -	- / -	- / -	219 / 124.702
Total, Paladin Fire Control System	0 / 0.000	51 / 45.658	- / -	- / -	- / -	- / -	92 / 42.357	76 / 36.687	- / -	- / -	- / -	219 / 124.702
Total Procurement, All Modifications	0 / 1,844.988	51 / 46.876	20 / 10.341	- / 4.769	- / -	- / 4.769	92 / 49.333	76 / 43.788	- / -	- / -	- / 3,566.716	239 / 5,566.811
Total Procurement and Support	1,844.988	46.876	10.341	4.769	-	4.769	49.333	43.788	-	-	3,566.716	5,566.811
Prior Years Closed Mods Installation Cost	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
Paladin System Technical Support - Contr Installation Cost	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
Paladin Program Office Installation Cost	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
Paladin TADSS Installation Cost	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
Paladin Digital Fire Control System - Replacement Installation Cost	0 / 0.000	- / -	- / -	10 / -	- / -	10 / -	- / -	- / -	- / -	- / -	- / -	10 / -
Dynamic Reference Unit Hybrid - Replacement Installation Cost	0 / 0.000	- / -	- / -	10 / -	- / -	10 / -	- / -	- / -	- / -	- / -	- / -	10 / -

**UNCLASSIFIED**

<b>Exhibit P-3A, Individual Modification:</b> PB 2014 Army										<b>Date:</b> April 2013			
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 2033A: Procurement of W&TCV, Army / BA 01: Tracked Combat Vehicles / BSA 20: Modification Of Tracked Combat Vehicles				<b>P-1 Line Item Nomenclature:</b> GA0400 - Howitzer, Med Sp Ft 155MM M109A6 (MOD)						<b>Modification Nomenclature</b> ( <i>Modification Number - Modification Title</i> ): None - Paladin/FAASV Modification Program			
<b>Models of Systems Affected:</b> M109 Howitzer and M992 FAASV Vehicles				<b>Type Modification:</b> Unclassified						<b>Related RDT&amp;E PEs:</b>			

  

Financial Plan	Prior Years	FY 2012	FY 2013	FY 2014 Base	FY 2014 OCO	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total
	Qty (Each) / Total Cost (\$ M )	Qty (Each) / Total Cost (\$ M )	Qty (Each) / Total Cost (\$ M )	Qty (Each) / Total Cost (\$ M )	Qty (Each) / Total Cost (\$ M )	Qty (Each) / Total Cost (\$ M )	Qty (Each) / Total Cost (\$ M )	Qty (Each) / Total Cost (\$ M )	Qty (Each) / Total Cost (\$ M )	Qty (Each) / Total Cost (\$ M )	Qty (Each) / Total Cost (\$ M )	Qty (Each) / Total Cost (\$ M )
Paladin Fire Control System Installation Cost	0 / 0.000	- / -	- / -	- / -	- / -	- / -	39 / -	58 / -	84 / -	38 / -	- / -	219 / -
<i>Total Installation Cost</i>	<i>0 / 0.000</i>	<i>- / -</i>	<i>- / -</i>	<i>20 / -</i>	<i>- / -</i>	<i>20 / -</i>	<i>39 / -</i>	<i>58 / -</i>	<i>84 / -</i>	<i>38 / -</i>	<i>- / -</i>	<i>239 / -</i>
<b>Total Cost (Procurement + Support + Installation)</b>	<b>1,844.988</b>	<b>46.876</b>	<b>10.341</b>	<b>4.769</b>	<b>-</b>	<b>4.769</b>	<b>49.333</b>	<b>43.788</b>	<b>-</b>	<b>-</b>	<b>3,566.716</b>	<b>5,566.811</b>

**UNCLASSIFIED**

<b>Exhibit P-3A, Individual Modification:</b> PB 2014 Army										<b>Date:</b> April 2013																					
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 2033A: Procurement of W&TCV, Army / BA 01: Tracked Combat Vehicles / BSA 20: Modification Of Tracked Combat Vehicles										<b>P-1 Line Item Nomenclature:</b> GA0400 - Howitzer, Med Sp Ft 155MM M109A6 (MOD)										<b>Modification Nomenclature</b> ( <i>Modification Number - Modification Title</i> ): None - Paladin/FAASV Modification Program											
<b>Models of Systems Affected:</b> M109 Howitzer and M992 FAASV Vehicles										<b>Type Modification:</b> Unclassified										<b>Related RDT&amp;E PEs:</b>											
<b>Manufacturer Information: Prior Years Closed Mods</b>																															
Manufacturer Name: x													Manufacturer Location: x																		
Administrative Leadtime ( <i>in Months</i> ):													Production Leadtime ( <i>in Months</i> ):																		
<b>Dates</b>		<b>FY 2012</b>				<b>FY 2013</b>				<b>FY 2014</b>				<b>FY 2015</b>				<b>FY 2016</b>				<b>FY 2017</b>				<b>FY 2018</b>					
Contract Dates																															
Delivery Dates																															
<b>Installation: Prior Years Closed Mods</b>													<b>Method of Implementation:</b> x										<b>Installation Name:</b>								
<b>Installation Cost</b>		<b>Prior Years</b>		<b>FY 2012</b>		<b>FY 2013</b>		<b>FY 2014 Base</b>		<b>FY 2014 OCO</b>		<b>FY 2014 Total</b>		<b>FY 2015</b>		<b>FY 2016</b>		<b>FY 2017</b>		<b>FY 2018</b>		<b>To Complete</b>		<b>Total</b>							
		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)							
All Prior Years		0 / 0.000		0 / 0.000		0 / 0.000		0 / 0.000		- / -		0 / 0.000		0 / 0.000		0 / 0.000		0 / 0.000		0 / 0.000		0 / 0.000		0 / 0.000							
FY 2012		0 / 0.000		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -							
FY 2013		0 / 0.000		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -							
FY 2014		0 / 0.000		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -							
FY 2015		0 / 0.000		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -							
FY 2016		0 / 0.000		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -							
FY 2017		0 / 0.000		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -							
FY 2018		0 / 0.000		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -							
To Complete		0 / 0.000		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -							
Total		0 / 0.000		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -							
<b>Installation Schedule</b>																															
	<b>APY</b>	<b>FY 2012</b>				<b>FY 2013</b>				<b>FY 2014</b>				<b>FY 2015</b>				<b>FY 2016</b>				<b>FY 2017</b>				<b>FY 2018</b>					
		<b>1</b>	<b>2</b>	<b>3</b>	<b>4</b>	<b>1</b>	<b>2</b>	<b>3</b>	<b>4</b>	<b>1</b>	<b>2</b>	<b>3</b>	<b>4</b>	<b>1</b>	<b>2</b>	<b>3</b>	<b>4</b>	<b>1</b>	<b>2</b>	<b>3</b>	<b>4</b>	<b>1</b>	<b>2</b>	<b>3</b>	<b>4</b>	<b>1</b>	<b>2</b>	<b>3</b>	<b>4</b>	<b>TC</b>	<b>Tot</b>
In	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Out	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

## UNCLASSIFIED

<b>Exhibit P-3A, Individual Modification:</b> PB 2014 Army										<b>Date:</b> April 2013																					
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 2033A: Procurement of W&TCV, Army / BA 01: Tracked Combat Vehicles / BSA 20: Modification Of Tracked Combat Vehicles										<b>P-1 Line Item Nomenclature:</b> GA0400 - Howitzer, Med Sp Ft 155MM M109A6 (MOD)										<b>Modification Nomenclature</b> ( <i>Modification Number - Modification Title</i> ): None - Paladin/FAASV Modification Program											
<b>Models of Systems Affected:</b> M109 Howitzer and M992 FAASV Vehicles										<b>Type Modification:</b> Unclassified										<b>Related RDT&amp;E PEs:</b>											
<b>Manufacturer Information: Paladin System Technical Support - Contr</b>																															
Manufacturer Name: x													Manufacturer Location: x																		
Administrative Leadtime ( <i>in Months</i> ):													Production Leadtime ( <i>in Months</i> ):																		
<b>Dates</b>		<b>FY 2012</b>				<b>FY 2013</b>				<b>FY 2014</b>				<b>FY 2015</b>				<b>FY 2016</b>				<b>FY 2017</b>				<b>FY 2018</b>					
Contract Dates																															
Delivery Dates																															
<b>Installation:</b> Paladin System Technical Support - Contr													<b>Method of Implementation:</b> N/A										<b>Installation Name:</b>								
<b>Installation Cost</b>		<b>Prior Years</b>		<b>FY 2012</b>		<b>FY 2013</b>		<b>FY 2014 Base</b>		<b>FY 2014 OCO</b>		<b>FY 2014 Total</b>		<b>FY 2015</b>		<b>FY 2016</b>		<b>FY 2017</b>		<b>FY 2018</b>		<b>To Complete</b>		<b>Total</b>							
		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)							
All Prior Years		0 / 0.000		0 / 0.000		0 / 0.000		0 / 0.000		- / -		0 / 0.000		0 / 0.000		0 / 0.000		0 / 0.000		0 / 0.000		0 / 0.000		0 / 0.000		0 / 0.000					
FY 2012		0 / 0.000		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -					
FY 2013		0 / 0.000		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -					
FY 2014		0 / 0.000		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -					
FY 2015		0 / 0.000		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -					
FY 2016		0 / 0.000		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -					
FY 2017		0 / 0.000		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -					
FY 2018		0 / 0.000		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -					
To Complete		0 / 0.000		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -					
Total		0 / 0.000		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -					
<b>Installation Schedule</b>																															
	<b>APY</b>	<b>FY 2012</b>				<b>FY 2013</b>				<b>FY 2014</b>				<b>FY 2015</b>				<b>FY 2016</b>				<b>FY 2017</b>				<b>FY 2018</b>					
		<b>1</b>	<b>2</b>	<b>3</b>	<b>4</b>	<b>1</b>	<b>2</b>	<b>3</b>	<b>4</b>	<b>1</b>	<b>2</b>	<b>3</b>	<b>4</b>	<b>1</b>	<b>2</b>	<b>3</b>	<b>4</b>	<b>1</b>	<b>2</b>	<b>3</b>	<b>4</b>	<b>1</b>	<b>2</b>	<b>3</b>	<b>4</b>	<b>1</b>	<b>2</b>	<b>3</b>	<b>4</b>	<b>TC</b>	<b>Tot</b>
In	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Out	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

**UNCLASSIFIED**

<b>Exhibit P-3A, Individual Modification:</b> PB 2014 Army										<b>Date:</b> April 2013																					
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 2033A: Procurement of W&TCV, Army / BA 01: Tracked Combat Vehicles / BSA 20: Modification Of Tracked Combat Vehicles										<b>P-1 Line Item Nomenclature:</b> GA0400 - Howitzer, Med Sp Ft 155MM M109A6 (MOD)										<b>Modification Nomenclature</b> ( <i>Modification Number - Modification Title</i> ): None - Paladin/FAASV Modification Program											
<b>Models of Systems Affected:</b> M109 Howitzer and M992 FAASV Vehicles										<b>Type Modification:</b> Unclassified										<b>Related RDT&amp;E PEs:</b>											
<b>Manufacturer Information: Paladin Program Office</b>																															
Manufacturer Name: x													Manufacturer Location: x																		
Administrative Leadtime ( <i>in Months</i> ):													Production Leadtime ( <i>in Months</i> ):																		
<b>Dates</b>		<b>FY 2012</b>				<b>FY 2013</b>				<b>FY 2014</b>				<b>FY 2015</b>				<b>FY 2016</b>				<b>FY 2017</b>				<b>FY 2018</b>					
Contract Dates																															
Delivery Dates																															
<b>Installation:</b> Paladin Program Office										<b>Method of Implementation:</b> N/A										<b>Installation Name:</b>											
<b>Installation Cost</b>		<b>Prior Years</b>		<b>FY 2012</b>		<b>FY 2013</b>		<b>FY 2014 Base</b>		<b>FY 2014 OCO</b>		<b>FY 2014 Total</b>		<b>FY 2015</b>		<b>FY 2016</b>		<b>FY 2017</b>		<b>FY 2018</b>		<b>To Complete</b>		<b>Total</b>							
		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)							
All Prior Years		0 / 0.000		0 / 0.000		0 / 0.000		0 / 0.000		- / -		0 / 0.000		0 / 0.000		0 / 0.000		0 / 0.000		0 / 0.000		0 / 0.000		0 / 0.000		0 / 0.000					
FY 2012		0 / 0.000		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -					
FY 2013		0 / 0.000		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -					
FY 2014		0 / 0.000		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -					
FY 2015		0 / 0.000		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -					
FY 2016		0 / 0.000		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -					
FY 2017		0 / 0.000		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -					
FY 2018		0 / 0.000		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -					
To Complete		0 / 0.000		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -					
Total		0 / 0.000		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -					
<b>Installation Schedule</b>																															
	<b>APY</b>	<b>FY 2012</b>				<b>FY 2013</b>				<b>FY 2014</b>				<b>FY 2015</b>				<b>FY 2016</b>				<b>FY 2017</b>				<b>FY 2018</b>					
		<b>1</b>	<b>2</b>	<b>3</b>	<b>4</b>	<b>1</b>	<b>2</b>	<b>3</b>	<b>4</b>	<b>1</b>	<b>2</b>	<b>3</b>	<b>4</b>	<b>1</b>	<b>2</b>	<b>3</b>	<b>4</b>	<b>1</b>	<b>2</b>	<b>3</b>	<b>4</b>	<b>1</b>	<b>2</b>	<b>3</b>	<b>4</b>	<b>1</b>	<b>2</b>	<b>3</b>	<b>4</b>	<b>TC</b>	<b>Tot</b>
In	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Out	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

**UNCLASSIFIED**

<b>Exhibit P-3A, Individual Modification:</b> PB 2014 Army										<b>Date:</b> April 2013																					
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 2033A: Procurement of W&TCV, Army / BA 01: Tracked Combat Vehicles / BSA 20: Modification Of Tracked Combat Vehicles										<b>P-1 Line Item Nomenclature:</b> GA0400 - Howitzer, Med Sp Ft 155MM M109A6 (MOD)										<b>Modification Nomenclature</b> ( <i>Modification Number - Modification Title</i> ): None - Paladin/FAASV Modification Program											
<b>Models of Systems Affected:</b> M109 Howitzer and M992 FAASV Vehicles										<b>Type Modification:</b> Unclassified										<b>Related RDT&amp;E PEs:</b>											
<b>Manufacturer Information: Paladin TADSS</b>																															
Manufacturer Name: TBD													Manufacturer Location: TBD																		
Administrative Leadtime ( <i>in Months</i> ): 9													Production Leadtime ( <i>in Months</i> ): 12																		
<b>Dates</b>		<b>FY 2012</b>				<b>FY 2013</b>				<b>FY 2014</b>				<b>FY 2015</b>				<b>FY 2016</b>				<b>FY 2017</b>				<b>FY 2018</b>					
Contract Dates										Jun 2013																					
Delivery Dates										Jun 2014																					
<b>Installation:</b> Paladin TADSS													<b>Method of Implementation:</b> N/A										<b>Installation Name:</b>								
<b>Installation Cost</b>		<b>Prior Years</b>		<b>FY 2012</b>		<b>FY 2013</b>		<b>FY 2014 Base</b>		<b>FY 2014 OCO</b>		<b>FY 2014 Total</b>		<b>FY 2015</b>		<b>FY 2016</b>		<b>FY 2017</b>		<b>FY 2018</b>		<b>To Complete</b>		<b>Total</b>							
		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)							
All Prior Years		0 / 0.000		0 / 0.000		0 / 0.000		0 / 0.000		- / -		0 / 0.000		0 / 0.000		0 / 0.000		0 / 0.000		0 / 0.000		0 / 0.000		0 / 0.000							
FY 2012		0 / 0.000		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -							
FY 2013		0 / 0.000		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -							
FY 2014		0 / 0.000		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -							
FY 2015		0 / 0.000		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -							
FY 2016		0 / 0.000		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -							
FY 2017		0 / 0.000		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -							
FY 2018		0 / 0.000		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -							
To Complete		0 / 0.000		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -							
Total		0 / 0.000		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -							
<b>Installation Schedule</b>																															
	<b>APY</b>	<b>FY 2012</b>				<b>FY 2013</b>				<b>FY 2014</b>				<b>FY 2015</b>				<b>FY 2016</b>				<b>FY 2017</b>				<b>FY 2018</b>					
		<b>1</b>	<b>2</b>	<b>3</b>	<b>4</b>	<b>1</b>	<b>2</b>	<b>3</b>	<b>4</b>	<b>1</b>	<b>2</b>	<b>3</b>	<b>4</b>	<b>1</b>	<b>2</b>	<b>3</b>	<b>4</b>	<b>1</b>	<b>2</b>	<b>3</b>	<b>4</b>	<b>1</b>	<b>2</b>	<b>3</b>	<b>4</b>	<b>1</b>	<b>2</b>	<b>3</b>	<b>4</b>	<b>TC</b>	<b>Tot</b>
In	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Out	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-



**UNCLASSIFIED**

<b>Exhibit P-3A, Individual Modification:</b> PB 2014 Army										<b>Date:</b> April 2013																					
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 2033A: Procurement of W&TCV, Army / BA 01: Tracked Combat Vehicles / BSA 20: Modification Of Tracked Combat Vehicles										<b>P-1 Line Item Nomenclature:</b> GA0400 - Howitzer, Med Sp Ft 155MM M109A6 (MOD)										<b>Modification Nomenclature</b> ( <i>Modification Number - Modification Title</i> ): None - Paladin/FAASV Modification Program											
<b>Models of Systems Affected:</b> M109 Howitzer and M992 FAASV Vehicles										<b>Type Modification:</b> Unclassified										<b>Related RDT&amp;E PEs:</b>											
<b>Manufacturer Information: Paladin Digital Fire Control System - Replacement</b>																															
Manufacturer Name: TBD													Manufacturer Location: TBD																		
Administrative Leadtime ( <i>in Months</i> ): 3													Production Leadtime ( <i>in Months</i> ): 15																		
<b>Dates</b>		<b>FY 2012</b>				<b>FY 2013</b>				<b>FY 2014</b>				<b>FY 2015</b>				<b>FY 2016</b>				<b>FY 2017</b>				<b>FY 2018</b>					
Contract Dates						Dec 2013																									
Delivery Dates						Mar 2014																									
<b>Installation:</b> Paladin Digital Fire Control System - Replacement										<b>Method of Implementation:</b> Field Retrofit										<b>Installation Name:</b>											
<b>Installation Cost</b>		<b>Prior Years</b>		<b>FY 2012</b>		<b>FY 2013</b>		<b>FY 2014 Base</b>		<b>FY 2014 OCO</b>		<b>FY 2014 Total</b>		<b>FY 2015</b>		<b>FY 2016</b>		<b>FY 2017</b>		<b>FY 2018</b>		<b>To Complete</b>		<b>Total</b>							
		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)							
All Prior Years		0 / 0.000		0 / 0.000		0 / 0.000		0 / 0.000		- / -		0 / 0.000		0 / 0.000		0 / 0.000		0 / 0.000		0 / 0.000		0 / 0.000		0 / 0.000							
FY 2012		0 / 0.000		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -							
FY 2013		0 / 0.000		- / -		- / -		10 / -		- / -		10 / -		- / -		- / -		- / -		- / -		- / -		10 / -							
FY 2014		0 / 0.000		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -							
FY 2015		0 / 0.000		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -							
FY 2016		0 / 0.000		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -							
FY 2017		0 / 0.000		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -							
FY 2018		0 / 0.000		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -							
To Complete		0 / 0.000		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -							
Total		0 / 0.000		- / -		- / -		10 / -		- / -		10 / -		- / -		- / -		- / -		- / -		- / -		10 / -							
<b>Installation Schedule</b>																															
	<b>APY</b>	<b>FY 2012</b>				<b>FY 2013</b>				<b>FY 2014</b>				<b>FY 2015</b>				<b>FY 2016</b>				<b>FY 2017</b>				<b>FY 2018</b>					
		<b>1</b>	<b>2</b>	<b>3</b>	<b>4</b>	<b>1</b>	<b>2</b>	<b>3</b>	<b>4</b>	<b>1</b>	<b>2</b>	<b>3</b>	<b>4</b>	<b>1</b>	<b>2</b>	<b>3</b>	<b>4</b>	<b>1</b>	<b>2</b>	<b>3</b>	<b>4</b>	<b>1</b>	<b>2</b>	<b>3</b>	<b>4</b>	<b>1</b>	<b>2</b>	<b>3</b>	<b>4</b>	<b>TC</b>	<b>Tot</b>
In	-	-	-	-	-	-	-	-	-	-	-	10	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	10
Out	-	-	-	-	-	-	-	-	-	-	-	10	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	10

**UNCLASSIFIED**

<b>Exhibit P-3A, Individual Modification:</b> PB 2014 Army										<b>Date:</b> April 2013																					
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 2033A: Procurement of W&TCV, Army / BA 01: Tracked Combat Vehicles / BSA 20: Modification Of Tracked Combat Vehicles										<b>P-1 Line Item Nomenclature:</b> GA0400 - Howitzer, Med Sp Ft 155MM M109A6 (MOD)										<b>Modification Nomenclature</b> ( <i>Modification Number - Modification Title</i> ): None - Paladin/FAASV Modification Program											
<b>Models of Systems Affected:</b> M109 Howitzer and M992 FAASV Vehicles										<b>Type Modification:</b> Unclassified										<b>Related RDT&amp;E PEs:</b>											
<b>Manufacturer Information: Dynamic Reference Unit Hybrid - Replacement</b>																															
Manufacturer Name: TBD													Manufacturer Location: TBD																		
Administrative Leadtime ( <i>in Months</i> ): 3													Production Leadtime ( <i>in Months</i> ): 15																		
<b>Dates</b>		<b>FY 2012</b>				<b>FY 2013</b>				<b>FY 2014</b>				<b>FY 2015</b>				<b>FY 2016</b>				<b>FY 2017</b>				<b>FY 2018</b>					
Contract Dates						Dec 2013																									
Delivery Dates						Mar 2014																									
<b>Installation:</b> Dynamic Reference Unit Hybrid - Replacement													<b>Method of Implementation:</b> Field Retrofit										<b>Installation Name:</b>								
<b>Installation Cost</b>		<b>Prior Years</b>		<b>FY 2012</b>		<b>FY 2013</b>		<b>FY 2014 Base</b>		<b>FY 2014 OCO</b>		<b>FY 2014 Total</b>		<b>FY 2015</b>		<b>FY 2016</b>		<b>FY 2017</b>		<b>FY 2018</b>		<b>To Complete</b>		<b>Total</b>							
		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)							
All Prior Years		0 / 0.000		0 / 0.000		0 / 0.000		0 / 0.000		- / -		0 / 0.000		0 / 0.000		0 / 0.000		0 / 0.000		0 / 0.000		0 / 0.000		0 / 0.000							
FY 2012		0 / 0.000		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -							
FY 2013		0 / 0.000		- / -		- / -		10 / -		- / -		10 / -		- / -		- / -		- / -		- / -		- / -		10 / -							
FY 2014		0 / 0.000		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -							
FY 2015		0 / 0.000		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -							
FY 2016		0 / 0.000		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -							
FY 2017		0 / 0.000		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -							
FY 2018		0 / 0.000		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -							
To Complete		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -							
Total		0 / 0.000		- / -		- / -		10 / -		- / -		10 / -		- / -		- / -		- / -		- / -		- / -		10 / -							
<b>Installation Schedule</b>																															
	<b>APY</b>	<b>FY 2012</b>				<b>FY 2013</b>				<b>FY 2014</b>				<b>FY 2015</b>				<b>FY 2016</b>				<b>FY 2017</b>				<b>FY 2018</b>					
		<b>1</b>	<b>2</b>	<b>3</b>	<b>4</b>	<b>1</b>	<b>2</b>	<b>3</b>	<b>4</b>	<b>1</b>	<b>2</b>	<b>3</b>	<b>4</b>	<b>1</b>	<b>2</b>	<b>3</b>	<b>4</b>	<b>1</b>	<b>2</b>	<b>3</b>	<b>4</b>	<b>1</b>	<b>2</b>	<b>3</b>	<b>4</b>	<b>1</b>	<b>2</b>	<b>3</b>	<b>4</b>	<b>TC</b>	<b>Tot</b>
In	-	-	-	-	-	-	-	-	-	-	-	10	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	10
Out	-	-	-	-	-	-	-	-	-	-	-	10	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	10

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<b>Exhibit P-3A, Individual Modification:</b> PB 2014 Army										<b>Date:</b> April 2013																					
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 2033A: Procurement of W&TCV, Army / BA 01: Tracked Combat Vehicles / BSA 20: Modification Of Tracked Combat Vehicles										<b>P-1 Line Item Nomenclature:</b> GA0400 - Howitzer, Med Sp Ft 155MM M109A6 (MOD)										<b>Modification Nomenclature</b> ( <i>Modification Number - Modification Title</i> ): None - Paladin/FAASV Modification Program											
<b>Models of Systems Affected:</b> M109 Howitzer and M992 FAASV Vehicles										<b>Type Modification:</b> Unclassified										<b>Related RDT&amp;E PEs:</b>											
<b>Manufacturer Information: Paladin Fire Control System</b>																															
Manufacturer Name: TBD													Manufacturer Location: TBD																		
Administrative Leadtime ( <i>in Months</i> ): 3													Production Leadtime ( <i>in Months</i> ): 15																		
<b>Dates</b>		<b>FY 2012</b>				<b>FY 2013</b>				<b>FY 2014</b>				<b>FY 2015</b>				<b>FY 2016</b>				<b>FY 2017</b>				<b>FY 2018</b>					
Contract Dates		Sep 2013												Dec 2014				Dec 2015													
Delivery Dates		Dec 2014												Mar 2016				Mar 2017													
<b>Installation:</b> Paladin Fire Control System													<b>Method of Implementation:</b> x										<b>Installation Name:</b>								
<b>Installation Cost</b>		<b>Prior Years</b>		<b>FY 2012</b>		<b>FY 2013</b>		<b>FY 2014 Base</b>		<b>FY 2014 OCO</b>		<b>FY 2014 Total</b>		<b>FY 2015</b>		<b>FY 2016</b>		<b>FY 2017</b>		<b>FY 2018</b>		<b>To Complete</b>		<b>Total</b>							
		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)							
All Prior Years		0 / 0.000		0 / 0.000		0 / 0.000		0 / 0.000		- / -		0 / 0.000		0 / 0.000		0 / 0.000		0 / 0.000		0 / 0.000		0 / 0.000		0 / 0.000							
FY 2012		0 / 0.000		- / -		- / -		- / -		- / -		- / -		39 / -		12 / -		- / -		- / -		- / -		- / -		51 / -					
FY 2013		0 / 0.000		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -					
FY 2014		0 / 0.000		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -					
FY 2015		0 / 0.000		- / -		- / -		- / -		- / -		- / -		- / -		46 / -		46 / -		- / -		- / -		- / -		92 / -					
FY 2016		0 / 0.000		- / -		- / -		- / -		- / -		- / -		- / -		- / -		38 / -		38 / -		38 / -		- / -		76 / -					
FY 2017		0 / 0.000		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -					
FY 2018		0 / 0.000		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -					
To Complete		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -					
Total		0 / 0.000		- / -		- / -		- / -		- / -		- / -		- / -		39 / -		58 / -		84 / -		38 / -		- / -		219 / -					
<b>Installation Schedule</b>																															
	<b>APY</b>	<b>FY 2012</b>				<b>FY 2013</b>				<b>FY 2014</b>				<b>FY 2015</b>				<b>FY 2016</b>				<b>FY 2017</b>				<b>FY 2018</b>					
		<b>1</b>	<b>2</b>	<b>3</b>	<b>4</b>	<b>1</b>	<b>2</b>	<b>3</b>	<b>4</b>	<b>1</b>	<b>2</b>	<b>3</b>	<b>4</b>	<b>1</b>	<b>2</b>	<b>3</b>	<b>4</b>	<b>1</b>	<b>2</b>	<b>3</b>	<b>4</b>	<b>1</b>	<b>2</b>	<b>3</b>	<b>4</b>	<b>1</b>	<b>2</b>	<b>3</b>	<b>4</b>	<b>TC</b>	<b>Tot</b>
In	-	-	-	-	-	-	-	-	-	-	-	-	-	-	13	13	13	12	-	23	23	23	23	19	19	19	19	-	-	-	219
Out	-	-	-	-	-	-	-	-	-	-	-	-	-	-	13	13	13	12	-	23	23	23	23	19	19	19	19	-	-	-	219

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**Exhibit P-40, Budget Item Justification Sheet:** PB 2014 Army **Date:** April 2013

<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 2033A: Procurement of W&TCV, Army / BA 01: Tracked Combat Vehicles / BSA 20: Modification Of Tracked Combat Vehicles	<b>P-1 Line Item Nomenclature:</b> GZ0410 - Paladin Integrated Management (PIM)
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<b>ID Code</b> (A=Service Ready, B=Not Service Ready) :	<b>Program Elements for Code B Items:</b>	<b>Other Related Program Elements:</b>
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**MDAP/MAIS Code(s):**

Resource Summary	Prior Years	FY 2012	FY 2013 <sup>#</sup>	FY 2014 Base	FY 2014 OCO <sup>##</sup>	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total
Procurement Quantity <i>(Units in Each)</i>	-	-	17	18	-	18	18	18	42	60	407	580
Gross/Weapon System Cost <i>(\$ in Millions)</i>	-	-	206.101	260.177	-	260.177	302.299	297.624	471.658	614.821	4,703.200	6,855.880
Less PY Advance Procurement <i>(\$ in Millions)</i>	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) <i>(\$ in Millions)</i>	-	-	206.101	260.177	-	260.177	302.299	297.624	471.658	614.821	4,703.200	6,855.880
Plus CY Advance Procurement <i>(\$ in Millions)</i>	-	-	-	-	-	-	-	-	-	-	-	-
<b>Total Obligation Authority</b> <i>(\$ in Millions)</i>	-	-	<b>206.101</b>	<b>260.177</b>	-	<b>260.177</b>	<b>302.299</b>	<b>297.624</b>	<b>471.658</b>	<b>614.821</b>	<b>4,703.200</b>	<b>6,855.880</b>
<i>(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)</i>												
Initial Spares <i>(\$ in Millions)</i>	-	-	-	-	-	-	-	-	-	-	-	-
Flyaway Unit Cost <i>(Units in Thousands)</i>	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost <i>(Units in Thousands)</i>	-	-	12,123.588	14,454.278	-	14,454.278	16,794.389	16,534.667	11,229.952	10,247.017	11,555.774	11.820

<sup>#</sup> FY 2013 Program is from the FY 2013 President's Budget, submitted February 2012

<sup>##</sup> The FY 2014 OCO Request will be submitted at a later date

**Description:**

Paladin Integrated Management (PIM) is an ACAT 1D Acquisition Program. The program is intended to replace the current fleet of M109 Family of Vehicles (FoV) consisting of the M109A6 Self Propelled Howitzer and the M992A2 Field Artillery Ammunition Supply Vehicle (FAASV). PIM is an Army Modernization Program that addresses a critical capability gap created by the Non-Line of Sight Cannon termination in June of 2009 as well as obsolescence and size/weight and power (SWaP) issues in the M109 FoV current Fleet. The PIM system integrates current Bradley Fighting Vehicle suspension and drive train items, Future Combat Systems (FCS) developed Electric Gun Drive systems and current fleet (M109A6) fire control systems into a new chassis that provides better force protection, survivability and mobility over the current fleet. PIM is a two vehicle system: Self Propelled Howitzer (SPH) and Carrier Ammunition Tracked (CAT.) The SPH has all characteristics listed above. The CAT utilizes all these same components and traits less those that relate directly to the cannon system. The PIM system replaces the current M109 FoV on a one for one basis, in the cannon fires battalions in the Armored Brigade Combat Team Formations and in the Echelons above Brigade (EAB). The overall intent is to increase Soldier force protection, vehicle survivability, provide an appropriate amount of SWaP capacity to add future capabilities, reduce life cycle costs and extend the life of the M109 FoV through FY2050.

Secondary Distribution		FY 2012	FY 2013	FY 2014 Base	FY 2014 OCO	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018
Army	Quantity	-	17	18	-	18	18	18	26	36
	Total Obligation Authority	-	206.101	260.177	-	260.177	302.299	297.624	353.743	368.893
ANG	Quantity	-	-	-	-	-	-	-	16	24
	Total Obligation Authority	-	-	-	-	-	-	-	117.915	245.928

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<b>Exhibit P-40, Budget Item Justification Sheet:</b> PB 2014 Army																	<b>Date:</b> April 2013				
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 2033A: Procurement of W&TCV, Army / BA 01: Tracked Combat Vehicles / BSA 20: Modification Of Tracked Combat Vehicles												<b>P-1 Line Item Nomenclature:</b> GZ0410 - Paladin Integrated Management (PIM)									
<b>ID Code</b> (A=Service Ready, B=Not Service Ready) :						<b>Program Elements for Code B Items:</b>						<b>Other Related Program Elements:</b>									
<b>MDAP/MAIS Code(s):</b>																					
<b>Item Schedule</b>		<b>ID CD</b>	<b>Prior Years</b>			<b>FY 2012</b>			<b>FY 2013</b>			<b>FY 2014 Base</b>			<b>FY 2014 OCO</b>			<b>FY 2014 Total</b>			
<b>Item Nomenclature*</b>	<b>Exhibits</b>		<b>Unit Cost (\$ K )</b>	<b>Qty (Each)</b>	<b>Total Cost (\$ M )</b>	<b>Unit Cost (\$ K )</b>	<b>Qty (Each)</b>	<b>Total Cost (\$ M )</b>	<b>Unit Cost (\$ K )</b>	<b>Qty (Each)</b>	<b>Total Cost (\$ M )</b>	<b>Unit Cost (\$ K )</b>	<b>Qty (Each)</b>	<b>Total Cost (\$ M )</b>	<b>Unit Cost (\$ K )</b>	<b>Qty (Each)</b>	<b>Total Cost (\$ M )</b>	<b>Unit Cost (\$ K )</b>	<b>Qty (Each)</b>	<b>Total Cost (\$ M )</b>	
GZ0410 - Paladin Integrated Management (PIM)	P5, P5A, P21		-	-	-	-	-	-	-	17	206.101	14,454.278	18	260.177	-	-	-	14,454.278	18	260.177	
<b>Total Gross/Weapon System Cost</b>				-			-			<b>206.101</b>			<b>260.177</b>			-			<b>260.177</b>		
<p>*Item Nomenclature represents Item Number, DODIC, and Item Name for the P40A and P5; Name for the P18 and P23; Modification Number and Modification Title for the P3A; Item Number and Item Name for the P10.</p> <p>Note: Totals in this Exhibit P-40 set may not be exact or add due to rounding.</p>																					
<p><b>Justification:</b>  FY 2014 Base Procurement in the amount of \$260.177 million supports all aspects of the PIM Low Rate Initial Production (LRIP) program. In FY 2014 the PIM program produces the second LOT of 18 each Self-Propelled Howitzers (SPH) and 18 each CATs intended for fielding to an Active Duty Army Self-Propelled Field Artillery Battalion. Funding supports Government Program Management required to provide oversight on contractor production operations that include: Quality Process Management, Program Management Reviews (weekly, monthly, and quarterly), Government Furnished Property and Material Management, and engineer activities resulting from waivers/deviations/problem resolution. Funds contractor operations that sustain production operations required to acquire materials, components and end-items; the manufacturing and assembly of sub-systems; the integration, test and check-out operations that results in the production of 18 SPH and 18 CATs.</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>																					

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<b>Exhibit P-5, Cost Analysis: PB 2014 Army</b>					<b>Date:</b> April 2013		
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 2033A: Procurement of W&TCV, Army / BA 01: Tracked Combat Vehicles / BSA 20: Modification Of Tracked Combat Vehicles			<b>P-1 Line Item Nomenclature:</b> GZ0410 - Paladin Integrated Management (PIM)			<b>Item Nomenclature (Item Number - Item Name, DODIC):</b> GZ0410 - Paladin Integrated Management (PIM)	

<b>Resource Summary</b>	<b>Prior Years</b>	<b>FY 2012</b>	<b>FY 2013<sup>#</sup></b>	<b>FY 2014 Base</b>	<b>FY 2014 OCO<sup>##</sup></b>	<b>FY 2014 Total</b>
Procurement Quantity (Units in Each)	-	-	17	18	-	18
Gross/Weapon System Cost (\$ in Millions)	-	-	206.101	260.177	-	260.177
Less PY Advance Procurement (\$ in Millions)	-	-	-	-	-	-
Net Procurement (P1) (\$ in Millions)	-	-	206.101	260.177	-	260.177
Plus CY Advance Procurement (\$ in Millions)	-	-	-	-	-	-
<b>Total Obligation Authority (\$ in Millions)</b>	-	-	<b>206.101</b>	<b>260.177</b>	-	<b>260.177</b>

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

Initial Spares (\$ in Millions)	-	-	-	-	-	-
Gross/Weapon System Unit Cost (Units in Thousands)	-	-	12,123.588	14,454.278	-	14,454.278

<sup>#</sup> FY 2013 Program is from the FY 2013 President's Budget, submitted February 2012

<sup>##</sup> The FY 2014 OCO Request will be submitted at a later date

<b>Cost Elements</b> († indicates the presence of a P-5A)	<b>ID CD</b>	<b>All Prior Years</b>			<b>FY 2012</b>			<b>FY 2013</b>			<b>FY 2014 Base</b>			<b>FY 2014 OCO</b>			<b>FY 2014 Total</b>		
		<b>Unit Cost (\$ K)</b>	<b>Quantity (Each)</b>	<b>Total Cost (\$ M)</b>	<b>Unit Cost (\$ K)</b>	<b>Quantity (Each)</b>	<b>Total Cost (\$ M)</b>	<b>Unit Cost (\$ K)</b>	<b>Quantity (Each)</b>	<b>Total Cost (\$ M)</b>	<b>Unit Cost (\$ K)</b>	<b>Quantity (Each)</b>	<b>Total Cost (\$ M)</b>	<b>Unit Cost (\$ K)</b>	<b>Quantity (Each)</b>	<b>Total Cost (\$ M)</b>	<b>Unit Cost (\$ K)</b>	<b>Quantity (Each)</b>	<b>Total Cost (\$ M)</b>
Flyaway Cost																			
Recurring Cost																			
SYS ENG/ PROG MGMT (CONTRACTOR)		-	-	-	-	-	-	-	-	3.928	-	-	5.398	-	-	-	-	-	5.398
SYSTEM TECHNICAL SUPPORT		-	-	-	-	-	-	-	-	7.897	-	-	26.798	-	-	-	-	-	26.798
SYS TEST & EVALUATION (CONTRACTOR)		-	-	-	-	-	-	-	-	-	-	-	8.334	-	-	-	-	-	8.334
SYS ENG/ PROG MGMT (GOVERNMENT)		-	-	-	-	-	-	-	-	-	-	-	18.003	-	-	-	-	-	18.003
SYS TEST & EVALUATION (GOVERNMENT)		-	-	-	-	-	-	-	-	1.059	-	-	0.807	-	-	-	-	-	0.807
TRANSPORTATION		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
<b>Total Recurring Cost</b>				-			-			<b>12.884</b>			<b>59.340</b>			-			<b>59.340</b>
Non Recurring Cost																			
PRODUCTION FACILITIZATION		-	-	-	-	-	-	-	-	23.729	-	-	23.894	-	-	-	-	-	23.894
<b>Total Non Recurring Cost</b>				-			-			<b>23.729</b>			<b>23.894</b>			-			<b>23.894</b>
<b>Total Flyaway Cost</b>				-			-			<b>36.613</b>			<b>83.234</b>			-			<b>83.234</b>

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Exhibit P-5, Cost Analysis: PB 2014 Army														Date: April 2013					
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 Nomenclature: GZ0410 - Paladin Integrated Management (PIM)							Item Nomenclature (Item Number - Item Name, DODIC): GZ0410 - Paladin Integrated Management (PIM)					
Cost Elements († indicates the presence of a P-5A)	ID CD	All Prior Years			FY 2012			FY 2013			FY 2014 Base			FY 2014 OCO			FY 2014 Total		
		Unit Cost (\$ K )	Quantity (Each)	Total Cost (\$ M )	Unit Cost (\$ K )	Quantity (Each)	Total Cost (\$ M )	Unit Cost (\$ K )	Quantity (Each)	Total Cost (\$ M )	Unit Cost (\$ K )	Quantity (Each)	Total Cost (\$ M )	Unit Cost (\$ K )	Quantity (Each)	Total Cost (\$ M )	Unit Cost (\$ K )	Quantity (Each)	Total Cost (\$ M )
Hardware Cost																			
Recurring Cost																			
† MANUFACTURING		-	-	-	-	-	-	6,840.000	17	116.279	6,382.000	18	114.884	-	-	-	6,382.000	18	114.884
GOVERNMENT FURNISHED EQUIPMENT (GFE)		-	-	-	-	-	-	-	-	23.385	-	-	25.181	-	-	-	-	-	25.181
THEATRE PROVIDED EQUIPMENT		-	-	-	-	-	-	-	-	12.849	-	-	13.836	-	-	-	-	-	13.836
RECURRING PRODUCTION - OTHER		-	-	-	-	-	-	-	-	4.140	-	-	4.044	-	-	-	-	-	4.044
ENGINEERING CHANGE ORDERS		-	-	-	-	-	-	-	-	4.405	-	-	4.438	-	-	-	-	-	4.438
Total Recurring Cost				-			-			161.058			162.383			-			162.383
Total Hardware Cost				-			-			161.058			162.383			-			162.383
Support Cost																			
FIELDING SUPPORT - OTHER		-	-	-	-	-	-	-	-	8.430	-	-	14.560	-	-	-	-	-	14.560
Total Support Cost				-			-			8.430			14.560			-			14.560
Gross Weapon System Cost				-			-			206.101			260.177			-			260.177
P-5 Remarks:																			
Secondary Distribution					FY 2012			FY 2013			FY 2014 Base			FY 2014 OCO			FY 2014 Total		
Army	Quantity				-			17			18			-			18		
	Total Obligation Authority				-			206.101			260.177			-			260.177		

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Exhibit P-5A, Budget Procurement History and Planning: PB 2014 Army									Date: April 2013			
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 Nomenclature: GZ0410 - Paladin Integrated Management (PIM)					Item Nomenclature: GZ0410 - Paladin Integrated Management (PIM)			
Cost Elements († indicates the presence of a P-21)	O C O	FY	Contractor and Location	Method/Type, or Funding Vehicle	Location of PCO	Award Date	Date of First Delivery	Qty (Each)	Unit Cost (\$ K )	Specs Avail Now?	Date Revsn Avail	RFP Issue Date
†MANUFACTURING		2013	BAE / York	SS / FPIF	TACOM, Warren, MI	Aug 2013	Feb 2015	17	6,840.000			
†MANUFACTURING		2014	BAE / York	SS / FPIF	TACOM, Warren, MI	Apr 2014	Feb 2016	18	6,382.000			



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Exhibit P-21, Budget Production Schedule: PB 2014 Army																								Date: April 2013											
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 Nomenclature: GZ0410 - Paladin Integrated Management (PIM)														Item Nomenclature: GZ0410 - Paladin Integrated Management (PIM)											
Cost Elements (Units in Each)							Fiscal Year 2013														Fiscal Year 2014														
O C C O	M F R #	FY	SERVICE‡	PROC QTY	ACCEP PRIOR TO 1 OCT 2012	BAL DUE AS OF 1 OCT	Calendar Year 2013														Calendar Year 2014														B A L
							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					
MANUFACTURING																																			
	1	2013	ARMY (II)	17	-	17	-	-	-	-	-	-	-	-	-	-	A -	-	-	-	-	-	-	-	-	-	-	-	-	-	-	17			
	1	2014	ARMY (III)	18	-	18	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	A -	-	-	-	-	-	-	18			
							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	B A L				

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Exhibit P-21, Budget Production Schedule: PB 2014 Army																						Date: April 2013												
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 Nomenclature: GZ0410 - Paladin Integrated Management (PIM)												Item Nomenclature: GZ0410 - Paladin Integrated Management (PIM)												
Cost Elements (Units in Each)							Fiscal Year 2015												Fiscal Year 2016															
O C C O	M F R #	FY	SERVICE <sup>‡</sup>	PROC QTY	ACCEP PRIOR TO 1 OCT 2014	BAL DUE AS OF 1 OCT	Calendar Year 2015															Calendar Year 2016												
							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	B A L			
MANUFACTURING																																		
	1	2013	ARMY (II)	17	-	17	-	-	-	-	2	1	2	1	2	1	1	1	2	1	2	1											-	
	1	2014	ARMY (III)	18	-	18	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	1	2	1	2	1	2	1	6				
							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	B A L			

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Exhibit P-21, Budget Production Schedule: PB 2014 Army																			Date: April 2013												
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 Nomenclature: GZ0410 - Paladin Integrated Management (PIM)										Item Nomenclature: GZ0410 - Paladin Integrated Management (PIM)											
Cost Elements (Units in Each)							Fiscal Year 2017										Fiscal Year 2018														
O C O	M F R #	FY	SERVICE‡	PROC QTY	ACCEP PRIOR TO 1 OCT 2016	BAL DUE AS OF 1 OCT	Calendar Year 2017										Calendar Year 2018										B A L				
							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
MANUFACTURING																															
	1	2013	ARMY (II)	17	17	-																									-
	1	2014	ARMY (III)	18	12	6	2	1	2	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	B A L

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<b>Exhibit P-21, Budget Production Schedule:</b> PB 2014 Army		<b>Date:</b> April 2013
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 2033A: Procurement of W&TCV, Army / BA 01: Tracked Combat Vehicles / BSA 20: Modification Of Tracked Combat Vehicles	<b>P-1 Line Item Nomenclature:</b> GZ0410 - Paladin Integrated Management (PIM)	<b>Item Nomenclature:</b> GZ0410 - Paladin Integrated Management (PIM)

		Production Rates (Each / Month)			Procurement Leadtime (Months)							
MFR #	MFR Name - Location	MSR	1-8-5	MAX	Initial				Reorder			
					ALT Prior to Oct 1	ALT After Oct 1	Mfg PLT	Total After Oct 1	ALT Prior to Oct 1	ALT After Oct 1	Mfg PLT	Total After Oct 1
1	BAE - York	12.00	120.00	240.00	-	11	18	29	-	7	22	29

"A" in the Delivery Schedule indicated the Contract Award Date.

Due to space limitations, quantities in the Exhibit P-21 delivery calendar are truncated and rounded based on the maximum quantity in the calendar as follows. If the maximum quantity is less than or equal to than 99,999, all quantities are shown as each. If the maximum quantity is between 100,000 and 99,999,499 all quantities are shown in thousands (rounded to the nearest thousand). If the maximum quantity is greater than 99,999,499 all quantities are shown in millions (rounded to the nearest million).

**Service/Agency Suffixes:**

(II) BASE

(III) BASE

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**Exhibit P-40, Budget Item Justification Sheet:** PB 2014 Army **Date:** April 2013

<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 2033A: Procurement of W&TCV, Army / BA 01: Tracked Combat Vehicles / BSA 20: Modification Of Tracked Combat Vehicles	<b>P-1 Line Item Nomenclature:</b> GA0570 - Improved Recovery Vehicle (M88A2 HERCULES)
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<b>ID Code</b> (A=Service Ready, B=Not Service Ready) : A	<b>Program Elements for Code B Items:</b>	<b>Other Related Program Elements:</b>
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**MDAP/MAIS Code(s):**

Resource Summary	Prior Years	FY 2012	FY 2013 <sup>#</sup>	FY 2014 Base	FY 2014 OCO <sup>##</sup>	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total
Procurement Quantity ( <i>Units in Each</i> )	635	-	31	32	-	32	-	-	-	-	Continuing	Continuing
Gross/Weapon System Cost ( <i>\$ in Millions</i> )	1,704.952	7.452	107.909	111.031	-	111.031	-	-	-	-	Continuing	Continuing
Less PY Advance Procurement ( <i>\$ in Millions</i> )	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) ( <i>\$ in Millions</i> )	1,704.952	7.452	107.909	111.031	-	111.031	-	-	-	-	Continuing	Continuing
Plus CY Advance Procurement ( <i>\$ in Millions</i> )	-	-	-	-	-	-	-	-	-	-	-	-
<b>Total Obligation Authority</b> ( <i>\$ in Millions</i> )	<b>1,704.952</b>	<b>7.452</b>	<b>107.909</b>	<b>111.031</b>	<b>-</b>	<b>111.031</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>Continuing</b>	<b>Continuing</b>

*(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>Units in Thousands</i> )	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost ( <i>Units in Thousands</i> )	2,684.964	-	3,480.935	3,469.719	-	3,469.719	-	-	-	-	Continuing	Continuing

<sup>#</sup> FY 2013 Program is from the FY 2013 President's Budget, submitted February 2012

<sup>##</sup> The FY 2014 OCO Request will be submitted at a later date

**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.

Secondary Distribution		FY 2012	FY 2013	FY 2014 Base	FY 2014 OCO	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018
Army	Quantity	-	31	32	-	32	-	-	-	-
	Total Obligation Authority	7.452	107.909	111.031	-	111.031	-	-	-	-

Item Schedule			Prior Years			FY 2012			FY 2013			FY 2014 Base			FY 2014 OCO			FY 2014 Total		
Item Nomenclature*	Exhibits	ID CD	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)
GA0570 - Improved Recovery Vehicle (M88A2 HERCULES)	P5, P5A, P21	A	2,684.964	-	1,704.952	-	-	7.452	-	31	107.909	3,469.719	32	111.031	-	-	-	3,469.719	32	111.031
Total Gross/Weapon System Cost					1,704.952			7.452			107.909			111.031			-			111.031

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<b>Exhibit P-40, Budget Item Justification Sheet:</b> PB 2014 Army															<b>Date:</b> April 2013					
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 2033A: Procurement of W&TCV, Army / BA 01: Tracked Combat Vehicles / BSA 20: Modification Of Tracked Combat Vehicles										<b>P-1 Line Item Nomenclature:</b> GA0570 - Improved Recovery Vehicle (M88A2 HERCULES)										
<b>ID Code</b> (A=Service Ready, B=Not Service Ready) : A						<b>Program Elements for Code B Items:</b>						<b>Other Related Program Elements:</b>								
<b>MDAP/MAIS Code(s):</b>																				
Item Schedule		ID CD	FY 2015			FY 2016			FY 2017			FY 2018			To Complete			Total		
Item Nomenclature*	Exhibits		Unit Cost (\$ K )	Qty (Each)	Total Cost (\$ M )	Unit Cost (\$ K )	Qty (Each)	Total Cost (\$ M )	Unit Cost (\$ K )	Qty (Each)	Total Cost (\$ M )	Unit Cost (\$ K )	Qty (Each)	Total Cost (\$ M )	Unit Cost (\$ K )	Qty (Each)	Total Cost (\$ M )	Unit Cost (\$ K )	Qty (Each)	Total Cost (\$ M )
GA0570 - Improved Recovery Vehicle (M88A2 HERCULES)	P5, P5A, P21	A	-	-	-	-	-	-	-	-	-	-	-	-	Continuing			Continuing		
<b>Total Gross/Weapon System Cost</b>					-			-			-			-	<b>Continuing</b>			<b>Continuing</b>		
<p>*Item Nomenclature represents Item Number, DODIC, and Item Name for the P40A and P5; Name for the P18 and P23; Modification Number and Modification Title for the P3A; Item Number and Item Name for the P10.</p> <p>Note: Totals in this Exhibit P-40 set may not be exact or add due to rounding.</p> <p><b>Justification:</b>  FY 2014 Base procurement dollars in the amount of \$111.031 million supports the vehicle production and the procurement of 32 M88A2 vehicles with M88 Family of Vehicles Operational Modifications with cut-in during production. This vehicle production will fulfill the Armored Brigade Combat Team Army Campaign Plan modularity objective of 748 vehicles. 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 Abrams variants including the M1A2 System Enhancement Program (SEP) tank. Without this increased capability, units must use two M88A1 Medium Recovery Vehicles to perform the necessary spectrum of recovery operations.</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>																				

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<b>Exhibit P-5, Cost Analysis: PB 2014 Army</b>		<b>Date:</b> April 2013
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 2033A: Procurement of W&TCV, Army / BA 01: Tracked Combat Vehicles / BSA 20: Modification Of Tracked Combat Vehicles	<b>P-1 Line Item Nomenclature:</b> GA0570 - Improved Recovery Vehicle (M88A2 HERCULES)	<b>Item Nomenclature (Item Number - Item Name, DODIC):</b> GA0570 - Improved Recovery Vehicle (M88A2 HERCULES)

Resource Summary	Prior Years	FY 2012	FY 2013 <sup>#</sup>	FY 2014 Base	FY 2014 OCO <sup>##</sup>	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total
Procurement Quantity (Units in Each)	-	-	31	32	-	32	-	-	-	-	Continuing	Continuing
Gross/Weapon System Cost (\$ in Millions)	1,704.952	7.452	107.909	111.031	-	111.031	-	-	-	-	Continuing	Continuing
Less PY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (\$ in Millions)	1,704.952	7.452	107.909	111.031	-	111.031	-	-	-	-	Continuing	Continuing
Plus CY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
<b>Total Obligation Authority (\$ in Millions)</b>	<b>1,704.952</b>	<b>7.452</b>	<b>107.909</b>	<b>111.031</b>	<b>-</b>	<b>111.031</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>Continuing</b>	<b>Continuing</b>
(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)												
Initial Spares (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost (Units in Thousands)	2,684.964	-	3,480.935	3,469.719	-	3,469.719	-	-	-	-	Continuing	Continuing

<sup>#</sup> FY 2013 Program is from the FY 2013 President's Budget, submitted February 2012

<sup>##</sup> The FY 2014 OCO Request will be submitted at a later date

Cost Elements († indicates the presence of a P-5A)	ID CD	All Prior Years			FY 2012			FY 2013			FY 2014 Base			FY 2014 OCO			FY 2014 Total		
		Unit Cost (\$ K)	Quantity (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Quantity (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Quantity (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Quantity (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Quantity (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Quantity (Each)	Total Cost (\$ M)
Flyaway Cost																			
Recurring Cost																			
† Vehicle Manufacturing - Contractor		2,685.000	635	1,704.952	-	-	-	2,648.000	31	82.093	2,557.000	32	81.816	-	-	-	2,557.000	32	81.816
Vehicle Manufacturing - GFE		-	-	-	-	-	-	-	-	3.760	-	-	4.965	-	-	-	-	-	4.965
Contractor Engineering		-	-	-	-	-	4.000	-	-	10.047	-	-	10.557	-	-	-	-	-	10.557
Program Management - Core & OGA		-	-	-	-	-	3.452	-	-	3.570	-	-	3.556	-	-	-	-	-	3.556
Transportation		-	-	-	-	-	-	-	-	0.775	-	-	1.200	-	-	-	-	-	1.200
Fielding (TPF & NET)		-	-	-	-	-	-	-	-	3.811	-	-	3.347	-	-	-	-	-	3.347
Test (Production Verification Testing)		-	-	-	-	-	-	-	-	-	-	-	1.000	-	-	-	-	-	1.000
M88A1 Hull Reclamation		-	-	-	-	-	-	-	-	3.853	-	-	4.590	-	-	-	-	-	4.590
Total Recurring Cost				1,704.952			7.452			107.909			111.031			-			111.031
Total Flyaway Cost				1,704.952			7.452			107.909			111.031			-			111.031
Gross Weapon System Cost				1,704.952			7.452			107.909			111.031			-			111.031

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<b>Exhibit P-5, Cost Analysis:</b> PB 2014 Army												<b>Date:</b> April 2013							
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 2033A: Procurement of W&TCV, Army / BA 01: Tracked Combat Vehicles / BSA 20: Modification Of Tracked Combat Vehicles						<b>P-1 Line Item Nomenclature:</b> GA0570 - Improved Recovery Vehicle (M88A2 HERCULES)						<b>Item Nomenclature (Item Number - Item Name, DODIC):</b> GA0570 - Improved Recovery Vehicle (M88A2 HERCULES)							

Cost Elements († indicates the presence of a P-5A)	ID CD	FY 2015			FY 2016			FY 2017			FY 2018			To Complete			Total Cost		
		Unit Cost (\$ K )	Quantity (Each)	Total Cost (\$ M )	Unit Cost (\$ K )	Quantity (Each)	Total Cost (\$ M )	Unit Cost (\$ K )	Quantity (Each)	Total Cost (\$ M )	Unit Cost (\$ K )	Quantity (Each)	Total Cost (\$ M )	Unit Cost (\$ K )	Quantity (Each)	Total Cost (\$ M )	Unit Cost (\$ K )	Quantity (Each)	Total Cost (\$ M )
Flyaway Cost																			
Recurring Cost																			
† Vehicle Manufacturing - Contractor		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Vehicle Manufacturing - GFE		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Contractor Engineering		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Program Management - Core & OGA		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Transportation		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Fielding (TPF & NET)		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Test (Production Verification Testing)		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
M88A1 Hull Reclamation		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Total Recurring Cost				-			-			-			-			-			-
Total Flyaway Cost				-			-			-			-			-			-
Gross Weapon System Cost				-			-			-			-	Continuing			Continuing		

**P-5 Remarks:**

Secondary Distribution		FY 2012	FY 2013	FY 2014 Base	FY 2014 OCO	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018
Army	Quantity	-	31	32	-	32	-	-	-	-
	Total Obligation Authority	7.452	107.909	111.031	-	111.031	-	-	-	-



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Exhibit P-5A, Budget Procurement History and Planning: PB 2014 Army									Date: April 2013			
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 Nomenclature: GA0570 - Improved Recovery Vehicle (M88A2 HERCULES)					Item Nomenclature: GA0570 - Improved Recovery Vehicle (M88A2 HERCULES)			
Cost Elements († indicates the presence of a P-21)	O C O	FY	Contractor and Location	Method/Type, or Funding Vehicle	Location of PCO	Award Date	Date of First Delivery	Qty (Each)	Unit Cost (\$ K )	Specs Avail Now?	Date Revsn Avail	RFP Issue Date
†Vehicle Manufacturing - Contractor		2011	BAE Systems / York PA	SS / FFP	TACOM	Mar 2013	Aug 2013	45	2,565.000	N		Sep 2012
†Vehicle Manufacturing - Contractor		2013	BAE Systems / York PA	SS / FFP	TACOM	Apr 2013	Jun 2014	31	2,648.000	N		Apr 2013
†Vehicle Manufacturing - Contractor		2014	BAE Systems / York PA	SS / FFP	TACOM	Jan 2014	Feb 2015	32	2,557.000	N		Jul 2013
Remarks: FY11 Army quantity of 45 M88A2 vehicles includes three separate contract awards:  July 2011 - 20 Vehicles March 2012 - 14 Vehicles March 2013 - 11 Vehicles												

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Exhibit P-21, Budget Production Schedule: PB 2014 Army																							Date: April 2013											
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 Nomenclature: GA0570 - Improved Recovery Vehicle (M88A2 HERCULES)													Item Nomenclature: GA0570 - Improved Recovery Vehicle (M88A2 HERCULES)											
Cost Elements (Units in Each)							Fiscal Year 2013													Fiscal Year 2014														
O C O	M F R #	FY	SERVICE±	PROC QTY	ACCEP PRIOR TO 1 OCT 2012	BAL DUE AS OF 1 OCT				Calendar Year 2013												Calendar Year 2014												
							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	B A L			
Vehicle Manufacturing - Contractor																																		
	1	2011	ARMY	45	-	45	-	-	-	-	-	A -	-	-	-	-	3	5	7	7	4	6	6	5	2							-		
	1	2011	♦ MC	25	-	25	-	-	-	-	-	-	6	7	5	5	2	-	-	-	-	-	-	-	-							-		
	1	2011	TOTAL	70	-	70	-	-	-	-	-	-	6	7	5	5	5	5	7	7	4	6	6	5	2							-		
	1	2013	ARMY	31	-	31	-	-	-	-	-	A -	-	-	-	-	-	-	-	-	-	-	-	-	-	-	4	3	4	4	16			
	1	2014	ARMY	32	-	32	-	-	-	-	-	-	-	-	-	-	-	-	-	-	A -	-	-	-	-	-	-	-	-	-	32			
							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	B A L			

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Exhibit P-21, Budget Production Schedule: PB 2014 Army																				Date: April 2013												
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 Nomenclature: GA0570 - Improved Recovery Vehicle (M88A2 HERCULES)										Item Nomenclature: GA0570 - Improved Recovery Vehicle (M88A2 HERCULES)												
Cost Elements <i>(Units in Each)</i>							Fiscal Year 2015										Fiscal Year 2016															
O C O	M F R #	FY	SERVICE <sup>‡</sup>	PROC QTY	ACCEP PRIOR TO 1 OCT 2014	BAL DUE AS OF 1 OCT	Calendar Year 2015										Calendar Year 2016															
							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	B A L	
Vehicle Manufacturing - Contractor																																
	1	2011	ARMY	45	45	-																										-
	1	2011	♦ MC	25	25	-																										-
	1	2011	TOTAL	70	70	-																										-
	1	2013	ARMY	31	15	16	4	4	4	4																				-		
	1	2014	ARMY	32	-	32	-	-	-	4	4	4	4	4	4	4	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	B A L		

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<b>Exhibit P-21, Budget Production Schedule:</b> PB 2014 Army		<b>Date:</b> April 2013
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 2033A: Procurement of W&TCV, Army / BA 01: Tracked Combat Vehicles / BSA 20: Modification Of Tracked Combat Vehicles	<b>P-1 Line Item Nomenclature:</b> GA0570 - Improved Recovery Vehicle (M88A2 HERCULES)	<b>Item Nomenclature:</b> GA0570 - Improved Recovery Vehicle (M88A2 HERCULES)

		Production Rates (Each / Month)			Procurement Leadtime (Months)							
MFR #	MFR Name - Location	MSR	1-8-5	MAX	Initial				Reorder			
					ALT Prior to Oct 1	ALT After Oct 1	Mfg PLT	Total After Oct 1	ALT Prior to Oct 1	ALT After Oct 1	Mfg PLT	Total After Oct 1
1	BAE Systems - York PA	48.00	96.00	144.00	-	6	18	24	-	4	13	17

**Remarks:**

An ADM has been approved by the Milestone Decision Authority (MDA) to extend the funded delivery periods beyond the 12 month period.FY11 Army quantity of 20 and USMC quantity of 25 were awarded at the same time and the Army deliveries follows the USMC deliveries.ALT times vary for each contract award.

‡ Delivery rows marked with the ♦ symbol indicate that they are funded through a separate Line Item. See the respective components' exhibits for details, including the full delivery schedule.

"A" in the Delivery Schedule indicated the Contract Award Date.

Due to space limitations, quantities in the Exhibit P-21 delivery calendar are truncated and rounded based on the maximum quantity in the calendar as follows. If the maximum quantity is less than or equal to than 99,999, all quantities are shown as each. If the maximum quantity is between 100,000 and 99,999,499 all quantities are shown in thousands (rounded to the nearest thousand). If the maximum quantity is greater than 99,999,499 all quantities are shown in millions (rounded to the nearest million).

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<b>Exhibit P-40, Budget Item Justification Sheet:</b> PB 2014 Army	<b>Date:</b> April 2013
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<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 2033A: Procurement of W&TCV, Army / BA 01: Tracked Combat Vehicles / BSA 20: Modification Of Tracked Combat Vehicles	<b>P-1 Line Item Nomenclature:</b> GZ3250 - Assault Bridge (Mod)
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<b>ID Code</b> (A=Service Ready, B=Not Service Ready) :	<b>Program Elements for Code B Items:</b>	<b>Other Related Program Elements:</b>
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**MDAP/MAIS Code(s):**

Resource Summary	Prior Years	FY 2012	FY 2013 <sup>#</sup>	FY 2014 Base	FY 2014 OCO <sup>##</sup>	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total
Procurement Quantity <i>(Units in Each)</i>	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost <i>(\$ in Millions)</i>	-	-	-	2.500	-	2.500	2.500	2.500	3.550	6.000	Continuing	Continuing
Less PY Advance Procurement <i>(\$ in Millions)</i>	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) <i>(\$ in Millions)</i>	-	-	-	2.500	-	2.500	2.500	2.500	3.550	6.000	Continuing	Continuing
Plus CY Advance Procurement <i>(\$ in Millions)</i>	-	-	-	-	-	-	-	-	-	-	-	-
<b>Total Obligation Authority</b> <i>(\$ in Millions)</i>	-	-	-	<b>2.500</b>	-	<b>2.500</b>	<b>2.500</b>	<b>2.500</b>	<b>3.550</b>	<b>6.000</b>	<b>Continuing</b>	<b>Continuing</b>

*(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>(Units in Thousands)</i>	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost <i>(Units in Thousands)</i>	-	-	-	-	-	-	-	-	-	-	-	-

<sup>#</sup> FY 2013 Program is from the FY 2013 President's Budget, submitted February 2012

<sup>##</sup> The FY 2014 OCO Request will be submitted at a later date

**Description:**

The Assault Bridge (MOD) budget line funds the modifications of assault bridging equipment. It is used to procure hardware, materials, and hardware installation cost required to complete the modification. Modifications are performed to correct safety deficiencies, increase mission capabilities, extend the useful life, improve supportability, upgrade existing technology, increase efficiency, improve readiness and to meet new legal and regulatory requirements. By modifying existing equipment, the Army maintains a ready, supportable inventory of equipment that meets current requirements and regulations at a cost considerably below that of buying new equipment.

Item Schedule		ID CD	Prior Years			FY 2012			FY 2013			FY 2014 Base			FY 2014 OCO			FY 2014 Total		
Item Nomenclature*	Exhibits		Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)
000000000 - Assault Bridge Modifications	P3A		-	-	-	-	-	-	-	-	-	-	-	2.500	-	-	-	-	-	2.500
<b>Total Gross/Weapon System Cost</b>					-			-			-			<b>2.500</b>			-			<b>2.500</b>

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**Exhibit P-40, Budget Item Justification Sheet:** PB 2014 Army **Date:** April 2013

<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 2033A: Procurement of W&TCV, Army / BA 01: Tracked Combat Vehicles / BSA 20: Modification Of Tracked Combat Vehicles	<b>P-1 Line Item Nomenclature:</b> GZ3250 - Assault Bridge (Mod)
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<b>ID Code</b> (A=Service Ready, B=Not Service Ready) :	<b>Program Elements for Code B Items:</b>	<b>Other Related Program Elements:</b>
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**MDAP/MAIS Code(s):**

Item Schedule		ID CD	FY 2015			FY 2016			FY 2017			FY 2018			To Complete			Total		
Item Nomenclature*	Exhibits		Unit Cost (\$ K )	Qty (Each)	Total Cost (\$ M )	Unit Cost (\$ K )	Qty (Each)	Total Cost (\$ M )	Unit Cost (\$ K )	Qty (Each)	Total Cost (\$ M )	Unit Cost (\$ K )	Qty (Each)	Total Cost (\$ M )	Unit Cost (\$ K )	Qty (Each)	Total Cost (\$ M )	Unit Cost (\$ K )	Qty (Each)	Total Cost (\$ M )
000000000 - Assault Bridge Modifications	P3A		-	-	2.500	-	-	2.500	-	-	3.550	-	-	6.000	Continuing			Continuing		
<b>Total Gross/Weapon System Cost</b>					<b>2.500</b>			<b>2.500</b>			<b>3.550</b>			<b>6.000</b>	<b>Continuing</b>			<b>Continuing</b>		

\*Item Nomenclature represents Item Number, DODIC, and Item Name for the P40A and P5; Name for the P18 and P23; Modification Number and Modification Title for the P3A; Item Number and Item Name for the P10.

Note: Totals in this Exhibit P-40 set may not be exact or add due to rounding.

**Justification:**

FY 2014 Base procurement funds in the amount of \$2.500 million dollars supports the Active and the procurement/installation of Armored Vehicle Launch Bridge upgrades to the hydraulic and electrical system. Funding also supports the procurement and installation of Wolverine (Heavy Assault Bridge) modifications and upgrades to the fixed girder bolt, stowage and fire extinguishing system. By modifying existing equipment will correct safety deficiencies, increase mission capabilities, extend the useful life, improve supportability, upgrade existing technology, increase efficiency, improve readiness.

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 componenets of the Armed Forces for homeland defense missions, domestic emergency responses, and providing military support to civil authorities."

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<b>Exhibit P-3A, Individual Modification:</b> PB 2014 Army									<b>Date:</b> April 2013			
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 2033A: Procurement of W&TCV, Army / BA 01: Tracked Combat Vehicles / BSA 20: Modification Of Tracked Combat Vehicles				<b>P-1 Line Item Nomenclature:</b> GZ3250 - Assault Bridge (Mod)					<b>Modification Nomenclature</b> ( <i>Modification Number - Modification Title</i> ): 000000000 - Assault Bridge Modifications			
<b>Models of Systems Affected:</b> Armored Vehicle Launch Bridge, Wolverine				<b>Type Modification:</b> Equipment Upgrade/Technical Insertion				<b>Related RDT&amp;E PEs:</b>				
<b>Resource Summary</b>	<b>Prior Years</b>	<b>FY 2012</b>	<b>FY 2013<sup>#</sup></b>	<b>FY 2014 Base</b>	<b>FY 2014 OCO<sup>##</sup></b>	<b>FY 2014 Total</b>	<b>FY 2015</b>	<b>FY 2016</b>	<b>FY 2017</b>	<b>FY 2018</b>	<b>To Complete</b>	<b>Total</b>
Procurement Quantity ( <i>Units in Each</i> )	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost (\$ <i>in Millions</i> )	-	-	-	2.500	-	2.500	2.500	2.500	3.550	6.000	Continuing	Continuing
Less PY Advance Procurement (\$ <i>in Millions</i> )	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (\$ <i>in Millions</i> )	-	-	-	2.500	-	2.500	2.500	2.500	3.550	6.000	Continuing	Continuing
Plus CY Advance Procurement (\$ <i>in Millions</i> )	-	-	-	-	-	-	-	-	-	-	-	-
<b>Total Obligation Authority (\$ <i>in Millions</i>)</b>	-	-	-	<b>2.500</b>	-	<b>2.500</b>	<b>2.500</b>	<b>2.500</b>	<b>3.550</b>	<b>6.000</b>	<b>Continuing</b>	<b>Continuing</b>
<i>(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)</i>												
Initial Spares (\$ <i>in Millions</i> )	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost ( <i>Units in Thousands</i> )	-	-	-	-	-	-	-	-	-	-	-	-
<sup>#</sup> FY 2013 Program is from the FY 2013 President's Budget, submitted February 2012 <sup>##</sup> The FY 2014 OCO Request will be submitted at a later date  <b>Description:</b> The Assault Bridge (MOD) budget line funds the modifications of assault bridging equipment. It is used to procure hardware, materials, and hardware installation cost required to complete the modification. Modifications are performed to correct safety deficiencies, increase mission capabilities, extend the useful life, improve supportability, upgrade existing technology, increase efficiency, improve readiness and to meet new legal and regulatory requirements. By modifying existing equipment, the Army maintains a ready, supportable inventory of equipment that meets current requirements and regulations at a cost considerably below that of buying new equipment.												

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<b>Exhibit P-3A, Individual Modification:</b> PB 2014 Army								<b>Date:</b> April 2013				
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 2033A: Procurement of W&TCV, Army / BA 01: Tracked Combat Vehicles / BSA 20: Modification Of Tracked Combat Vehicles				<b>P-1 Line Item Nomenclature:</b> GZ3250 - Assault Bridge (Mod)				<b>Modification Nomenclature</b> ( <i>Modification Number - Modification Title</i> ): 000000000 - Assault Bridge Modifications				
<b>Models of Systems Affected:</b> Armored Vehicle Launch Bridge, Wolverine				<b>Type Modification:</b> Equipment Upgrade/Technical Insertion				<b>Related RDT&amp;E PEs:</b>				

Financial Plan	Prior Years	FY 2012	FY 2013	FY 2014 Base	FY 2014 OCO	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total
	Qty (Each) / Total Cost (\$ M )	Qty (Each) / Total Cost (\$ M )	Qty (Each) / Total Cost (\$ M )	Qty (Each) / Total Cost (\$ M )	Qty (Each) / Total Cost (\$ M )	Qty (Each) / Total Cost (\$ M )	Qty (Each) / Total Cost (\$ M )	Qty (Each) / Total Cost (\$ M )	Qty (Each) / Total Cost (\$ M )	Qty (Each) / Total Cost (\$ M )	Qty (Each) / Total Cost (\$ M )	Qty (Each) / Total Cost (\$ M )
<b>Procurement</b>												
Armored Vehicle Launch Bridge												
A Kits												
Recurring												
Installation Kits	0 / 0.000	- / -	- / -	3 / 0.670	- / -	3 / 0.670	3 / 0.636	3 / 0.670	9 / 0.336	9 / 0.336	- / -	27 / 2.648
Subtotal Recurring	0 / 0.000	- / -	- / -	3 / 0.670	- / -	3 / 0.670	3 / 0.636	3 / 0.670	9 / 0.336	9 / 0.336	- / -	27 / 2.648
Total, Armored Vehicle Launch Bridge	0 / 0.000	- / -	- / -	3 / 0.670	- / -	3 / 0.670	3 / 0.636	3 / 0.670	9 / 0.336	9 / 0.336	- / -	27 / 2.648
Wolverine												
A Kits												
Recurring												
Installation Kits	0 / 0.000	- / -	- / -	6 / 1.000	- / -	6 / 1.000	6 / 1.033	6 / 1.000	12 / 2.033	13 / 3.667	- / -	43 / 8.733
Subtotal Recurring	0 / 0.000	- / -	- / -	6 / 1.000	- / -	6 / 1.000	6 / 1.033	6 / 1.000	12 / 2.033	13 / 3.667	- / -	43 / 8.733
Total, Wolverine	0 / 0.000	- / -	- / -	6 / 1.000	- / -	6 / 1.000	6 / 1.033	6 / 1.000	12 / 2.033	13 / 3.667	- / -	43 / 8.733
Total Procurement, All Modifications	0 / 0.000	- / -	- / -	9 / 1.670	- / -	9 / 1.670	9 / 1.669	9 / 1.670	21 / 2.369	22 / 4.003	- / -	70 / 11.381
Total Procurement and Support	0.000	-	-	1.670	-	1.670	1.669	1.670	2.369	4.003	-	11.381
Armored Vehicle Launch Bridge Installation Cost	0 / 0.000	- / -	- / -	3 / 0.330	- / -	3 / 0.330	3 / 0.314	3 / 0.330	9 / 0.164	9 / 0.164	- / -	27 / 1.302
Wolverine Installation Cost	0 / 0.000	- / -	- / -	6 / 0.500	- / -	6 / 0.500	6 / 0.517	6 / 0.500	12 / 1.017	13 / 1.833	- / -	43 / 4.367
Total Installation Cost	0 / 0.000	- / -	- / -	9 / 0.830	- / -	9 / 0.830	9 / 0.831	9 / 0.830	21 / 1.181	22 / 1.997	- / -	70 / 5.669
<b>Total Cost (Procurement + Support + Installation)</b>	<b>0.000</b>	<b>-</b>	<b>-</b>	<b>2.500</b>	<b>-</b>	<b>2.500</b>	<b>2.500</b>	<b>2.500</b>	<b>3.550</b>	<b>6.000</b>	<b>-</b>	<b>17.050</b>



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<b>Exhibit P-3A, Individual Modification:</b> PB 2014 Army										<b>Date:</b> April 2013																					
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 2033A: Procurement of W&TCV, Army / BA 01: Tracked Combat Vehicles / BSA 20: Modification Of Tracked Combat Vehicles										<b>P-1 Line Item Nomenclature:</b> GZ3250 - Assault Bridge (Mod)										<b>Modification Nomenclature</b> (Modification Number - Modification Title): 000000000 - Assault Bridge Modifications											
<b>Models of Systems Affected:</b> Armored Vehicle Launch Bridge, Wolverine										<b>Type Modification:</b> Equipment Upgrade/Technical Insertion										<b>Related RDT&amp;E PEs:</b>											
<b>Manufacturer Information: Armored Vehicle Launch Bridge</b>																															
Manufacturer Name: Various													Manufacturer Location: Various																		
Administrative Leadtime (in Months): 3													Production Leadtime (in Months): 5																		
<b>Dates</b>		<b>FY 2012</b>				<b>FY 2013</b>				<b>FY 2014</b>				<b>FY 2015</b>				<b>FY 2016</b>				<b>FY 2017</b>				<b>FY 2018</b>					
Contract Dates										Jan 2014				Jan 2015				Jan 2016				Jan 2017				Jan 2018					
Delivery Dates										Jun 2014				Jun 2015				Jun 2016				Jun 2017				Jun 2018					
<b>Installation:</b> Armored Vehicle Launch Bridge													<b>Method of Implementation:</b> Various										<b>Installation Name:</b>								
<b>Installation Cost</b>		<b>Prior Years</b>		<b>FY 2012</b>		<b>FY 2013</b>		<b>FY 2014 Base</b>		<b>FY 2014 OCO</b>		<b>FY 2014 Total</b>		<b>FY 2015</b>		<b>FY 2016</b>		<b>FY 2017</b>		<b>FY 2018</b>		<b>To Complete</b>		<b>Total</b>							
		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)							
All Prior Years		0 / 0.000		0 / 0.000		0 / 0.000		0 / 0.000		- / -		0 / 0.000		0 / 0.000		0 / 0.000		0 / 0.000		0 / 0.000		0 / 0.000		0 / 0.000		0 / 0.000					
FY 2012		0 / 0.000		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -					
FY 2013		0 / 0.000		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -					
FY 2014		0 / 0.000		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -					
FY 2015		0 / 0.000		- / -		- / -		3 / 0.330		- / -		3 / 0.330		- / -		- / -		- / -		- / -		- / -		- / -		3 / 0.330					
FY 2016		0 / 0.000		- / -		- / -		- / -		- / -		- / -		3 / 0.314		- / -		- / -		- / -		- / -		- / -		3 / 0.314					
FY 2017		0 / 0.000		- / -		- / -		- / -		- / -		- / -		- / -		3 / 0.330		- / -		- / -		- / -		- / -		3 / 0.330					
FY 2018		0 / 0.000		- / -		- / -		- / -		- / -		- / -		- / -		- / -		9 / 0.164		- / -		- / -		- / -		9 / 0.164					
To Complete		0 / 0.000		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		9 / 0.164		- / -		9 / 0.164					
Total		0 / 0.000		- / -		- / -		3 / 0.330		- / -		3 / 0.330		3 / 0.314		3 / 0.330		9 / 0.164		9 / 0.164		9 / 0.164		- / -		27 / 1.302					
<b>Installation Schedule</b>																															
	<b>APY</b>	<b>FY 2012</b>				<b>FY 2013</b>				<b>FY 2014</b>				<b>FY 2015</b>				<b>FY 2016</b>				<b>FY 2017</b>				<b>FY 2018</b>					
		<b>1</b>	<b>2</b>	<b>3</b>	<b>4</b>	<b>1</b>	<b>2</b>	<b>3</b>	<b>4</b>	<b>1</b>	<b>2</b>	<b>3</b>	<b>4</b>	<b>1</b>	<b>2</b>	<b>3</b>	<b>4</b>	<b>1</b>	<b>2</b>	<b>3</b>	<b>4</b>	<b>1</b>	<b>2</b>	<b>3</b>	<b>4</b>	<b>1</b>	<b>2</b>	<b>3</b>	<b>4</b>	<b>TC</b>	<b>Tot</b>
In	-	-	-	-	-	-	-	-	-	-	3	-	-	-	3	-	-	-	3	-	-	-	9	-	-	-	9	-	-	-	27
Out	-	-	-	-	-	-	-	-	-	-	-	-	3	-	-	-	3	-	-	-	3	-	-	-	9	-	-	-	9	-	27

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<b>Exhibit P-3A, Individual Modification:</b> PB 2014 Army										<b>Date:</b> April 2013																					
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 2033A: Procurement of W&TCV, Army / BA 01: Tracked Combat Vehicles / BSA 20: Modification Of Tracked Combat Vehicles										<b>P-1 Line Item Nomenclature:</b> GZ3250 - Assault Bridge (Mod)										<b>Modification Nomenclature</b> (Modification Number - Modification Title): 000000000 - Assault Bridge Modifications											
<b>Models of Systems Affected:</b> Armored Vehicle Launch Bridge, Wolverine										<b>Type Modification:</b> Equipment Upgrade/Technical Insertion										<b>Related RDT&amp;E PEs:</b>											
<b>Manufacturer Information: Wolverine</b>																															
Manufacturer Name: Various													Manufacturer Location: Various																		
Administrative Leadtime (in Months): 3													Production Leadtime (in Months): 5																		
<b>Dates</b>		<b>FY 2012</b>				<b>FY 2013</b>				<b>FY 2014</b>				<b>FY 2015</b>				<b>FY 2016</b>				<b>FY 2017</b>				<b>FY 2018</b>					
Contract Dates										Jan 2014				Jan 2015				Jan 2016				Jan 2012				Jan 2018					
Delivery Dates										Jun 2014				Jun 2015				Jun 2016				Jun 2017				Jun 2018					
<b>Installation:</b> Wolverine													<b>Method of Implementation:</b> Various										<b>Installation Name:</b>								
<b>Installation Cost</b>		<b>Prior Years</b>		<b>FY 2012</b>		<b>FY 2013</b>		<b>FY 2014 Base</b>		<b>FY 2014 OCO</b>		<b>FY 2014 Total</b>		<b>FY 2015</b>		<b>FY 2016</b>		<b>FY 2017</b>		<b>FY 2018</b>		<b>To Complete</b>		<b>Total</b>							
		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)							
All Prior Years		0 / 0.000		0 / 0.000		0 / 0.000		0 / 0.000		- / -		0 / 0.000		0 / 0.000		0 / 0.000		0 / 0.000		0 / 0.000		0 / 0.000		0 / 0.000							
FY 2012		0 / 0.000		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -							
FY 2013		0 / 0.000		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -							
FY 2014		0 / 0.000		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -							
FY 2015		0 / 0.000		- / -		- / -		6 / 0.500		- / -		6 / 0.500		- / -		- / -		- / -		- / -		- / -		6 / 0.500							
FY 2016		0 / 0.000		- / -		- / -		- / -		- / -		- / -		6 / 0.517		- / -		- / -		- / -		- / -		6 / 0.517							
FY 2017		0 / 0.000		- / -		- / -		- / -		- / -		- / -		- / -		6 / 0.500		- / -		- / -		- / -		6 / 0.500							
FY 2018		0 / 0.000		- / -		- / -		- / -		- / -		- / -		- / -		- / -		12 / 1.017		- / -		- / -		12 / 1.017							
To Complete		0 / 0.000		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		13 / 1.833		- / -		13 / 1.833							
Total		0 / 0.000		- / -		- / -		6 / 0.500		- / -		6 / 0.500		6 / 0.517		6 / 0.500		12 / 1.017		13 / 1.833		- / -		43 / 4.367							
<b>Installation Schedule</b>																															
	<b>APY</b>	<b>FY 2012</b>				<b>FY 2013</b>				<b>FY 2014</b>				<b>FY 2015</b>				<b>FY 2016</b>				<b>FY 2017</b>				<b>FY 2018</b>					
		<b>1</b>	<b>2</b>	<b>3</b>	<b>4</b>	<b>1</b>	<b>2</b>	<b>3</b>	<b>4</b>	<b>1</b>	<b>2</b>	<b>3</b>	<b>4</b>	<b>1</b>	<b>2</b>	<b>3</b>	<b>4</b>	<b>1</b>	<b>2</b>	<b>3</b>	<b>4</b>	<b>1</b>	<b>2</b>	<b>3</b>	<b>4</b>	<b>1</b>	<b>2</b>	<b>3</b>	<b>4</b>	<b>TC</b>	<b>Tot</b>
In	-	-	-	-	-	-	-	-	-	-	6	-	-	-	6	-	-	-	6	-	-	-	12	-	-	-	13	-	-	-	43
Out	-	-	-	-	-	-	-	-	-	-	-	-	6	-	-	-	6	-	-	-	6	-	-	-	12	-	-	-	13	-	43

# UNCLASSIFIED

**Exhibit P-40, Budget Item Justification Sheet:** PB 2014 Army **Date:** April 2013

<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 2033A: Procurement of W&TCV, Army / BA 01: Tracked Combat Vehicles / BSA 20: Modification Of Tracked Combat Vehicles	<b>P-1 Line Item Nomenclature:</b> G82925 - Assault Breacher Vehicle
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<b>ID Code</b> (A=Service Ready, B=Not Service Ready) :	<b>Program Elements for Code B Items:</b>	<b>Other Related Program Elements:</b>
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**MDAP/MAIS Code(s):**

Resource Summary	Prior Years	FY 2012	FY 2013 <sup>#</sup>	FY 2014 Base	FY 2014 OCO <sup>##</sup>	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total
Procurement Quantity ( <i>Units in Each</i> )	62	26	10	14	-	14	14	14	1	-	Continuing	Continuing
Gross/Weapon System Cost ( <i>\$ in Millions</i> )	221.738	97.004	50.039	62.951	-	62.951	62.880	65.164	4.760	3.000	Continuing	Continuing
Less PY Advance Procurement ( <i>\$ in Millions</i> )	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) ( <i>\$ in Millions</i> )	221.738	97.004	50.039	62.951	-	62.951	62.880	65.164	4.760	3.000	Continuing	Continuing
Plus CY Advance Procurement ( <i>\$ in Millions</i> )	-	-	-	-	-	-	-	-	-	-	-	-
<b>Total Obligation Authority</b> ( <i>\$ in Millions</i> )	<b>221.738</b>	<b>97.004</b>	<b>50.039</b>	<b>62.951</b>	<b>-</b>	<b>62.951</b>	<b>62.880</b>	<b>65.164</b>	<b>4.760</b>	<b>3.000</b>	<b>Continuing</b>	<b>Continuing</b>

*(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>Units in Thousands</i> )	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost ( <i>Units in Thousands</i> )	3,576.419	3,730.923	5,003.900	4,496.500	-	4,496.500	4,491.429	4,654.571	4,760.000	-	Continuing	Continuing

<sup>#</sup> FY 2013 Program is from the FY 2013 President's Budget, submitted February 2012

<sup>##</sup> The FY 2014 OCO Request will be submitted at a later date

## Description:

The Assault Breacher Vehicle (ABV) is a combined program with the United States Marine Corps (USMC). It is a tracked combat engineer vehicle for the Marine Air Ground Task Force and the Army Armored Brigade Combat Team (ABCT). It is designed to breach minefields and barrier obstacles to enable the tanks and infantry of the ABCT to maintain pace in offensive combat operations. The ABV provides crew protection and vehicle survivability equal to the M1A1 Abrams tank hull and has the speed and mobility to keep pace with the heavy maneuver force. The ABV will be assigned to engineer companies in ABCTs. Its hull is an overhauled M1A1 Abrams tank hull with modifications for its new mission. Its mission equipment includes two Linear Demolition Charge Systems (modified Mine Clearing Line Charge (MICLC) systems), interchangeable Engineer Breaching System hardware consisting of a Full Width Mine Plow and a Combat Dozer Blade, a lane marking system to automatically mark a cleared path behind the ABV, and an integrated day/night vision system.

Army Acquisition Objective (AAO) ABV: 171

Secondary Distribution		FY 2012	FY 2013	FY 2014 Base	FY 2014 OCO	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018
Army	Quantity	26	10	14	-	14	8	14	1	-
	Total Obligation Authority	97.004	50.039	62.951	-	62.951	37.728	65.164	4.760	3.000
ANG	Quantity	-	-	-	-	-	6	-	-	-
	Total Obligation Authority	-	-	-	-	-	25.152	-	-	-

**UNCLASSIFIED**

<b>Exhibit P-40, Budget Item Justification Sheet:</b> PB 2014 Army	<b>Date:</b> April 2013
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<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 2033A: Procurement of W&TCV, Army / BA 01: Tracked Combat Vehicles / BSA 20: Modification Of Tracked Combat Vehicles	<b>P-1 Line Item Nomenclature:</b> G82925 - Assault Breacher Vehicle
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<b>ID Code</b> (A=Service Ready, B=Not Service Ready) :	<b>Program Elements for Code B Items:</b>	<b>Other Related Program Elements:</b>
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**MDAP/MAIS Code(s):**

Item Schedule		ID CD	Prior Years			FY 2012			FY 2013			FY 2014 Base			FY 2014 OCO			FY 2014 Total		
Item Nomenclature*	Exhibits		Unit Cost (\$ K )	Qty (Each)	Total Cost (\$ M )	Unit Cost (\$ K )	Qty (Each)	Total Cost (\$ M )	Unit Cost (\$ K )	Qty (Each)	Total Cost (\$ M )	Unit Cost (\$ K )	Qty (Each)	Total Cost (\$ M )	Unit Cost (\$ K )	Qty (Each)	Total Cost (\$ M )	Unit Cost (\$ K )	Qty (Each)	Total Cost (\$ M )
G82925 - Assault Breacher Vehicle	P5, P5A, P21		3,576.419	-	221.738	-	26	97.004	-	10	50.039	4,496.500	14	62.951	-	-	-	4,496.500	14	62.951
<b>Total Gross/Weapon System Cost</b>					221.738			97.004			50.039			62.951			-			62.951

Item Schedule		ID CD	FY 2015			FY 2016			FY 2017			FY 2018			To Complete			Total		
Item Nomenclature*	Exhibits		Unit Cost (\$ K )	Qty (Each)	Total Cost (\$ M )	Unit Cost (\$ K )	Qty (Each)	Total Cost (\$ M )	Unit Cost (\$ K )	Qty (Each)	Total Cost (\$ M )	Unit Cost (\$ K )	Qty (Each)	Total Cost (\$ M )	Unit Cost (\$ K )	Qty (Each)	Total Cost (\$ M )	Unit Cost (\$ K )	Qty (Each)	Total Cost (\$ M )
G82925 - Assault Breacher Vehicle	P5, P5A, P21		-	-	-	-	-	-	-	-	-	-	-	-	Continuing			Continuing		
<b>Total Gross/Weapon System Cost</b>					62.880			65.164			4.760			3.000	Continuing			Continuing		

\*Item Nomenclature represents Item Number, DODIC, and Item Name for the P40A and P5; Name for the P18 and P23; Modification Number and Modification Title for the P3A; Item Number and Item Name for the P10.

Note: Totals in this Exhibit P-40 set may not be exact or add due to rounding.

**Justification:**

FY 2014 Base procurement dollars in the amount of \$62.951 million supports the procurement of 14 ABVs. The ABV gives the Army and Marine Corps a tracked armored capability to breach minefields, reduce barrier obstacles, and mark cleared lanes for following heavy combat forces while maintaining pace with them throughout high intensity combat operations.

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**

<b>Exhibit P-5, Cost Analysis: PB 2014 Army</b>								<b>Date:</b> April 2013			
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 2033A: Procurement of W&TCV, Army / BA 01: Tracked Combat Vehicles / BSA 20: Modification Of Tracked Combat Vehicles				<b>P-1 Line Item Nomenclature:</b> G82925 - Assault Breacher Vehicle				<b>Item Nomenclature (Item Number - Item Name, DODIC):</b> G82925 - Assault Breacher Vehicle			

Resource Summary	Prior Years	FY 2012	FY 2013 <sup>#</sup>	FY 2014 Base	FY 2014 OCO <sup>##</sup>	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total
Procurement Quantity ( <i>Units in Each</i> )	-	26	10	14	-	14	-	-	-	-	Continuing	Continuing
Gross/Weapon System Cost ( <i>\$ in Millions</i> )	221.738	97.004	50.039	62.951	-	62.951	-	-	-	-	Continuing	Continuing
Less PY Advance Procurement ( <i>\$ in Millions</i> )	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) ( <i>\$ in Millions</i> )	221.738	97.004	50.039	62.951	-	62.951	-	-	-	-	Continuing	Continuing
Plus CY Advance Procurement ( <i>\$ in Millions</i> )	-	-	-	-	-	-	-	-	-	-	-	-
<b>Total Obligation Authority (<i>\$ in Millions</i>)</b>	<b>221.738</b>	<b>97.004</b>	<b>50.039</b>	<b>62.951</b>	<b>-</b>	<b>62.951</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>Continuing</b>	<b>Continuing</b>

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

Initial Spares ( <i>\$ in Millions</i> )	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost ( <i>Units in Thousands</i> )	3,576.419	3,730.923	5,003.900	4,496.500	-	4,496.500	-	-	-	-	Continuing	Continuing

<sup>#</sup> FY 2013 Program is from the FY 2013 President's Budget, submitted February 2012

<sup>##</sup> The FY 2014 OCO Request will be submitted at a later date

Cost Elements († indicates the presence of a P-5A)	ID CD	All Prior Years			FY 2012			FY 2013			FY 2014 Base			FY 2014 OCO			FY 2014 Total		
		Unit Cost (\$ K)	Quantity (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Quantity (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Quantity (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Quantity (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Quantity (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Quantity (Each)	Total Cost (\$ M)
Flyaway Cost																			
Recurring Cost																			
† Hardware		3,306.000	62	204.972	4,350.000	18	78.300	4,350.000	10	43.500	2,899.000	14	40.586	-	-	-	2,899.000	14	40.586
Government Furnished Equipment		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1. Full Width Mine Plow		-	-	-	-	-	-	-	-	-	287.000	8	2.296	-	-	-	287.000	8	2.296
2. Combat Dozer Blade		-	-	-	-	-	-	-	-	-	140.000	4	0.560	-	-	-	140.000	4	0.560
3. High Lift Adapter		-	-	-	-	-	-	-	-	-	167.000	14	2.338	-	-	-	167.000	14	2.338
4. Lane Marking System		-	-	-	-	-	-	-	-	-	165.000	14	2.310	-	-	-	165.000	14	2.310
5. Linear Demolition Control System		-	-	-	-	-	-	-	-	-	150.000	14	2.100	-	-	-	150.000	14	2.100
6. Integrated Vision System		-	-	-	-	-	-	-	-	-	280.000	14	3.920	-	-	-	280.000	14	3.920
7. Hull Integration Kit		-	-	-	-	-	-	-	-	-	16.000	14	0.224	-	-	-	16.000	14	0.224
8. Embedded Diagnostic Kit		-	-	-	-	-	-	-	-	-	35.000	14	0.490	-	-	-	35.000	14	0.490
Fielding		-	-	7.980	-	-	8.000	-	-	3.222	-	-	3.712	-	-	-	-	-	3.712

**UNCLASSIFIED**

<b>Exhibit P-5, Cost Analysis: PB 2014 Army</b>												<b>Date:</b> April 2013							
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 2033A: Procurement of W&TCV, Army / BA 01: Tracked Combat Vehicles / BSA 20: Modification Of Tracked Combat Vehicles						<b>P-1 Line Item Nomenclature:</b> G82925 - Assault Breacher Vehicle						<b>Item Nomenclature (Item Number - Item Name, DODIC):</b> G82925 - Assault Breacher Vehicle							

Cost Elements († indicates the presence of a P-5A)	ID CD	All Prior Years			FY 2012			FY 2013			FY 2014 Base			FY 2014 OCO			FY 2014 Total		
		Unit Cost (\$ K )	Quantity (Each)	Total Cost (\$ M )	Unit Cost (\$ K )	Quantity (Each)	Total Cost (\$ M )	Unit Cost (\$ K )	Quantity (Each)	Total Cost (\$ M )	Unit Cost (\$ K )	Quantity (Each)	Total Cost (\$ M )	Unit Cost (\$ K )	Quantity (Each)	Total Cost (\$ M )	Unit Cost (\$ K )	Quantity (Each)	Total Cost (\$ M )
System Fielding/ Program Management		-	-	4.000	-	-	4.454	-	-	2.117	-	-	2.815	-	-	-	-	-	2.815
Data		-	-	2.950	-	-	2.250	-	-	1.200	-	-	1.600	-	-	-	-	-	1.600
Engineering Changes		-	-	1.836	-	-	4.000	-	-	-	-	-	-	-	-	-	-	-	-
<i>Total Recurring Cost</i>				221.738			97.004			50.039			62.951			-			62.951
<i>Total Flyaway Cost</i>				221.738			97.004			50.039			62.951			-			62.951
<b>Gross Weapon System Cost</b>				221.738			97.004			50.039			62.951			-			62.951

Cost Elements († indicates the presence of a P-5A)	ID CD	FY 2015			FY 2016			FY 2017			FY 2018			To Complete			Total Cost		
		Unit Cost (\$ K )	Quantity (Each)	Total Cost (\$ M )	Unit Cost (\$ K )	Quantity (Each)	Total Cost (\$ M )	Unit Cost (\$ K )	Quantity (Each)	Total Cost (\$ M )	Unit Cost (\$ K )	Quantity (Each)	Total Cost (\$ M )	Unit Cost (\$ K )	Quantity (Each)	Total Cost (\$ M )	Unit Cost (\$ K )	Quantity (Each)	Total Cost (\$ M )
Flyaway Cost																			
Recurring Cost																			
† Hardware		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Government Furnished Equipment		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1. Full Width Mine Plow		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2. Combat Dozer Blade		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3. High Lift Adapter		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
4. Lane Marking System		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
5. Linear Demolition Control System		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
6. Integrated Vision System		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
7. Hull Integration Kit		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
8. Embedded Diagnostic Kit		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Fielding		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
System Fielding/ Program Management		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Data		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Engineering Changes		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

**UNCLASSIFIED**

<b>Exhibit P-5, Cost Analysis:</b> PB 2014 Army														<b>Date:</b> April 2013					
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 2033A: Procurement of W&TCV, Army / BA 01: Tracked Combat Vehicles / BSA 20: Modification Of Tracked Combat Vehicles							<b>P-1 Line Item Nomenclature:</b> G82925 - Assault Breacher Vehicle							<b>Item Nomenclature (Item Number - Item Name, DODIC):</b> G82925 - Assault Breacher Vehicle					

Cost Elements († indicates the presence of a P-5A)	ID CD	FY 2015			FY 2016			FY 2017			FY 2018			To Complete			Total Cost		
		Unit Cost (\$ K )	Quantity (Each)	Total Cost (\$ M )	Unit Cost (\$ K )	Quantity (Each)	Total Cost (\$ M )	Unit Cost (\$ K )	Quantity (Each)	Total Cost (\$ M )	Unit Cost (\$ K )	Quantity (Each)	Total Cost (\$ M )	Unit Cost (\$ K )	Quantity (Each)	Total Cost (\$ M )	Unit Cost (\$ K )	Quantity (Each)	Total Cost (\$ M )
Total Recurring Cost				-			-			-			-			-			-
Total Flyaway Cost				-			-			-			-			-			-
Gross Weapon System Cost				-			-			-			-	Continuing			Continuing		

**P-5 Remarks:**

Secondary Distribution		FY 2012	FY 2013	FY 2014 Base	FY 2014 OCO	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018
Army	Quantity	26	10	14	-	14	-	-	-	-
	Total Obligation Authority	97.004	50.039	62.951	-	62.951	-	-	-	-

**UNCLASSIFIED**

Exhibit P-5A, Budget Procurement History and Planning: PB 2014 Army									Date: April 2013			
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 Nomenclature: G82925 - Assault Breacher Vehicle					Item Nomenclature: G82925 - Assault Breacher Vehicle			
Cost Elements († indicates the presence of a P-21)	O C O	FY	Contractor and Location	Method/Type, or Funding Vehicle	Location of PCO	Award Date	Date of First Delivery	Qty (Each)	Unit Cost (\$ K )	Specs Avail Now?	Date Revsn Avail	RFP Issue Date
†Hardware		2012	Anniston Army Depot / Anniston, AL	MIPR	TACOM, Warren, MI	Mar 2012	Mar 2013	18	4,350.000	Y		
†Hardware		2013	Anniston Army Depot / Anniston, AL	MIPR	TACOM, Warren, MI	Feb 2013	Mar 2014	10	4,350.000	Y		
†Hardware		2014	Anniston Army Depot / Anniston, AL	MIPR	TACOM, Warren, MI	Jan 2014	Jan 2015	14	2,899.000	Y		



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Exhibit P-21, Budget Production Schedule: PB 2014 Army																								Date: April 2013											
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 Nomenclature: G82925 - Assault Breacher Vehicle												Item Nomenclature: G82925 - Assault Breacher Vehicle											
Cost Elements (Units in Each)							Fiscal Year 2012														Fiscal Year 2013														
O C C O	M F R #	FY	SERVICE‡	PROC QTY	ACCEP PRIOR TO 1 OCT 2011	BAL DUE AS OF 1 OCT	Calendar Year 2012														Calendar Year 2013														B A L
							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	2012	ARMY (IV)	18	-	18	-	-	-	-	-	-	A -	-	-	-	-	-	-	-	-	-	-	-	-	1	1	1	2	2	2	2	7		
	1	2013	ARMY (V)	10	-	10	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	A -	-	-	-	-	-	-	-	-	10		
	1	2014	ARMY (VI)	14	-	14	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	14		
							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	B A L				

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Exhibit P-21, Budget Production Schedule: PB 2014 Army																				Date: April 2013													
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 Nomenclature: G82925 - Assault Breacher Vehicle										Item Nomenclature: G82925 - Assault Breacher Vehicle													
Cost Elements (Units in Each)							Fiscal Year 2014													Fiscal Year 2015													
O C C O	M F R #	FY	SERVICE‡	PROC QTY	ACCEP PRIOR TO 1 OCT 2013	BAL DUE AS OF 1 OCT	Calendar Year 2014													Calendar Year 2015													B A L
							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	2012	ARMY (IV)	18	11	7	2	2	1	1	1																				-		
	1	2013	ARMY (V)	10	-	10	-	-	-	-	-	1	1	1	1	1	1	1	1	1												-	
	1	2014	ARMY (VI)	14	-	14	-	-	-	A -	-	-	-	-	-	-	-	-	-	-	2	2	2	1	1	1	1	1	1	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	B A L		

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Exhibit P-21, Budget Production Schedule: PB 2014 Army																						Date: April 2013											
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 Nomenclature: G82925 - Assault Breacher Vehicle																	Item Nomenclature: G82925 - Assault Breacher Vehicle									
Cost Elements (Units in Each)							Fiscal Year 2016													Fiscal Year 2017													
O C C O	M F R #	FY	SERVICE‡	PROC QTY	ACCEP PRIOR TO 1 OCT 2015	BAL DUE AS OF 1 OCT	Calendar Year 2016													Calendar Year 2017													
							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	B A L		
Hardware																																	
	1	2012	ARMY (IV)	18	18	-																										-	
	1	2013	ARMY (V)	10	10	-																										-	
	1	2014	ARMY (VI)	14	12	2	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	B A L		

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<b>Exhibit P-21, Budget Production Schedule:</b> PB 2014 Army		<b>Date:</b> April 2013
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 2033A: Procurement of W&TCV, Army / BA 01: Tracked Combat Vehicles / BSA 20: Modification Of Tracked Combat Vehicles	<b>P-1 Line Item Nomenclature:</b> G82925 - Assault Breacher Vehicle	<b>Item Nomenclature:</b> G82925 - Assault Breacher Vehicle

		Production Rates (Each / Month)			Procurement Leadtime (Months)							
MFR #	MFR Name - Location	MSR	1-8-5	MAX	Initial				Reorder			
					ALT Prior to Oct 1	ALT After Oct 1	Mfg PLT	Total After Oct 1	ALT Prior to Oct 1	ALT After Oct 1	Mfg PLT	Total After Oct 1
1	Anniston Army Depot - Anniston, AL	1.00	12.00	36.00	-	11	12	23	-	4	12	16

"A" in the Delivery Schedule indicated the Contract Award Date.

Due to space limitations, quantities in the Exhibit P-21 delivery calendar are truncated and rounded based on the maximum quantity in the calendar as follows. If the maximum quantity is less than or equal to than 99,999, all quantities are shown as each. If the maximum quantity is between 100,000 and 99,999,499 all quantities are shown in thousands (rounded to the nearest thousand). If the maximum quantity is greater than 99,999,499 all quantities are shown in millions (rounded to the nearest million).

**Service/Agency Suffixes:**

(IV) Base

(V) Base

(VI) Base

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<b>Exhibit P-40, Budget Item Justification Sheet:</b> PB 2014 Army	<b>Date:</b> April 2013
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<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 2033A: Procurement of W&TCV, Army / BA 01: Tracked Combat Vehicles / BSA 20: Modification Of Tracked Combat Vehicles	<b>P-1 Line Item Nomenclature:</b> G80571 - M88 FOV MODS
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<b>ID Code</b> (A=Service Ready, B=Not Service Ready) :	<b>Program Elements for Code B Items:</b>	<b>Other Related Program Elements:</b>
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**MDAP/MAIS Code(s):**

Resource Summary	Prior Years	FY 2012	FY 2013 <sup>#</sup>	FY 2014 Base	FY 2014 OCO <sup>##</sup>	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total
Procurement Quantity <i>(Units in Each)</i>	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost <i>(\$ in Millions)</i>	9.105	32.483	29.930	28.469	-	28.469	28.962	28.907	30.897	-	Continuing	Continuing
Less PY Advance Procurement <i>(\$ in Millions)</i>	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) <i>(\$ in Millions)</i>	9.105	32.483	29.930	28.469	-	28.469	28.962	28.907	30.897	-	Continuing	Continuing
Plus CY Advance Procurement <i>(\$ in Millions)</i>	-	-	-	-	-	-	-	-	-	-	-	-
<b>Total Obligation Authority</b> <i>(\$ in Millions)</i>	<b>9.105</b>	<b>32.483</b>	<b>29.930</b>	<b>28.469</b>	<b>-</b>	<b>28.469</b>	<b>28.962</b>	<b>28.907</b>	<b>30.897</b>	<b>-</b>	<b>Continuing</b>	<b>Continuing</b>

*(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>(Units in Thousands)</i>	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost <i>(Units in Thousands)</i>	-	-	-	-	-	-	-	-	-	-	-	-

<sup>#</sup> FY 2013 Program is from the FY 2013 President's Budget, submitted February 2012

<sup>##</sup> The FY 2014 OCO Request will be submitted at a later date

**Description:**

The M88 Fleet Modification Program applies Materiel Developer and Combat Developer approved modifications to the fielded M88 family of vehicles (FOV). These improvements include Blue Force Tracking and the M88 FOV modifications to maintain operational readiness rates, improve vehicle safety and operation, and minimize the effects of component obsolescence, while increasing commonality. Operational Modification Kits will be procured for the M88 FOV. Specific modifications include an automatic fire extinguishing system, upgraded electrical circuit panel, improved operational and task lighting, a driver's vision enhancer for optimal night operation, enhanced vehicle diagnostics tied to the vehicle's interactive electronic technical manuals, and an improved metal cutting tool to reduce recovery time in combat situations.

Secondary Distribution		FY 2012	FY 2013	FY 2014 Base	FY 2014 OCO	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018
Army	Quantity	-	-	-	-	-	-	-	-	-
	Total Obligation Authority	22.483	29.930	15.566	-	15.566	19.166	14.636	21.052	-
ANG	Quantity	-	-	-	-	-	-	-	-	-
	Total Obligation Authority	10.000	-	12.903	-	12.903	9.796	9.796	9.845	-
AR	Quantity	-	-	-	-	-	-	-	-	-
	Total Obligation Authority	-	-	-	-	-	-	4.475	-	-

**UNCLASSIFIED**

<b>Exhibit P-40, Budget Item Justification Sheet:</b> PB 2014 Army																<b>Date:</b> April 2013					
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 2033A: Procurement of W&TCV, Army / BA 01: Tracked Combat Vehicles / BSA 20: Modification Of Tracked Combat Vehicles												<b>P-1 Line Item Nomenclature:</b> G80571 - M88 FOV MODS									
<b>ID Code</b> (A=Service Ready, B=Not Service Ready) :						<b>Program Elements for Code B Items:</b>						<b>Other Related Program Elements:</b>									
<b>MDAP/MAIS Code(s):</b>																					

Item Schedule		ID CD	Prior Years			FY 2012			FY 2013			FY 2014 Base			FY 2014 OCO			FY 2014 Total		
Item Nomenclature*	Exhibits		Unit Cost (\$ K )	Qty (Each)	Total Cost (\$ M )	Unit Cost (\$ K )	Qty (Each)	Total Cost (\$ M )	Unit Cost (\$ K )	Qty (Each)	Total Cost (\$ M )	Unit Cost (\$ K )	Qty (Each)	Total Cost (\$ M )	Unit Cost (\$ K )	Qty (Each)	Total Cost (\$ M )	Unit Cost (\$ K )	Qty (Each)	Total Cost (\$ M )
1 - M88 FOV Field upgrade	P3A		-	-	9.105	-	-	32.483	-	-	29.930	-	-	28.469	-	-	-	-	-	28.469
<b>Total Gross/Weapon System Cost</b>					<b>9.105</b>			<b>32.483</b>			<b>29.930</b>			<b>28.469</b>			-			<b>28.469</b>

Item Schedule		ID CD	FY 2015			FY 2016			FY 2017			FY 2018			To Complete			Total		
Item Nomenclature*	Exhibits		Unit Cost (\$ K )	Qty (Each)	Total Cost (\$ M )	Unit Cost (\$ K )	Qty (Each)	Total Cost (\$ M )	Unit Cost (\$ K )	Qty (Each)	Total Cost (\$ M )	Unit Cost (\$ K )	Qty (Each)	Total Cost (\$ M )	Unit Cost (\$ K )	Qty (Each)	Total Cost (\$ M )	Unit Cost (\$ K )	Qty (Each)	Total Cost (\$ M )
1 - M88 FOV Field upgrade	P3A		-	-	28.962	-	-	28.907	-	-	30.897	-	-	-	Continuing			Continuing		
<b>Total Gross/Weapon System Cost</b>					<b>28.962</b>			<b>28.907</b>			<b>30.897</b>			-	<b>Continuing</b>			<b>Continuing</b>		

\*Item Nomenclature represents Item Number, DODIC, and Item Name for the P40A and P5; Name for the P18 and P23; Modification Number and Modification Title for the P3A; Item Number and Item Name for the P10.

Note: Totals in this Exhibit P-40 set may not be exact or add due to rounding.

**Justification:**  
FY 2014 base procurement dollars in the amount of \$28.469 Million supports procurement and field installation of 177 operational modification kits. Modifications support enhancements in operational safety, maintainability, and network capability for the M88 fleet of vehicles.

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.

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<b>Exhibit P-3A, Individual Modification:</b> PB 2014 Army								<b>Date:</b> April 2013				
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 2033A: Procurement of W&TCV, Army / BA 01: Tracked Combat Vehicles / BSA 20: Modification Of Tracked Combat Vehicles				<b>P-1 Line Item Nomenclature:</b> G80571 - M88 FOV MODS				<b>Modification Nomenclature</b> (Modification Number - Modification Title): 1 - M88 FOV Field upgrade				
<b>Models of Systems Affected:</b> M88			<b>Type Modification:</b> 1					<b>Related RDT&amp;E PEs:</b>				
<b>Resource Summary</b>	<b>Prior Years</b>	<b>FY 2012</b>	<b>FY 2013<sup>#</sup></b>	<b>FY 2014 Base</b>	<b>FY 2014 OCO<sup>##</sup></b>	<b>FY 2014 Total</b>	<b>FY 2015</b>	<b>FY 2016</b>	<b>FY 2017</b>	<b>FY 2018</b>	<b>To Complete</b>	<b>Total</b>
Procurement Quantity (Units in Each)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost (\$ in Millions)	9.105	32.483	29.930	28.469	-	28.469	28.962	28.907	30.897	-	Continuing	Continuing
Less PY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (\$ in Millions)	9.105	32.483	29.930	28.469	-	28.469	28.962	28.907	30.897	-	Continuing	Continuing
Plus CY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
<b>Total Obligation Authority (\$ in Millions)</b>	<b>9.105</b>	<b>32.483</b>	<b>29.930</b>	<b>28.469</b>	<b>-</b>	<b>28.469</b>	<b>28.962</b>	<b>28.907</b>	<b>30.897</b>	<b>-</b>	<b>Continuing</b>	<b>Continuing</b>
<i>(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)</i>												
Initial Spares (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost (Units in Thousands)	-	-	-	-	-	-	-	-	-	-	-	-
<p><sup>#</sup> FY 2013 Program is from the FY 2013 President's Budget, submitted February 2012</p> <p><sup>##</sup> The FY 2014 OCO Request will be submitted at a later date</p> <p><b>Description:</b> Provides for labor and kit funding for M88 Operational Modification program. These modifications consist of an automatic fire extinguishing system, driver's vision enhancer, LED lighting, exothermic cutting torch, expanded electrical distribution panel, improved stowage, and enhanced diagnostics capability. These modifications will enhance safety during operations, reduce logistics costs, and standardize equipment. Testing costs are required to verify compliance of the mod kits to contract requirements.</p>												

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<b>Exhibit P-3A, Individual Modification:</b> PB 2014 Army								<b>Date:</b> April 2013				
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 2033A: Procurement of W&TCV, Army / BA 01: Tracked Combat Vehicles / BSA 20: Modification Of Tracked Combat Vehicles				<b>P-1 Line Item Nomenclature:</b> G80571 - M88 FOV MODS				<b>Modification Nomenclature (Modification Number - Modification Title):</b> 1 - M88 FOV Field upgrade				

<b>Models of Systems Affected:</b> M88				<b>Type Modification:</b> 1				<b>Related RDT&amp;E PEs:</b>				
Financial Plan	Prior Years	FY 2012	FY 2013	FY 2014 Base	FY 2014 OCO	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)
<b>Procurement</b>												
M88 FOV Field Upgrades												
A Kits												
Recurring												
M88 FOV Mod Kit	83 / 9.105	350 / 32.483	157 / 29.930	252 / 28.469	- / -	252 / 28.469	215 / 25.202	130 / 25.107	142 / 27.029	- / -	902 / 559.240	2,231 / 736.565
Program Mgt	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / 3.760	- / 3.800	- / 3.868	- / -	- / 32.000	- / 43.428
<i>Subtotal Recurring</i>	83 / 9.105	350 / 32.483	157 / 29.930	252 / 28.469	- / -	252 / 28.469	215 / 28.962	130 / 28.907	142 / 30.897	- / -	902 / 591.240	2,231 / 779.993
<i>Total, M88 FOV Field Upgrades</i>	83 / 9.105	350 / 32.483	157 / 29.930	252 / 28.469	- / -	252 / 28.469	215 / 28.962	130 / 28.907	142 / 30.897	- / -	902 / 591.240	2,231 / 779.993
<i>Total Procurement, All Modifications</i>	83 / 9.105	350 / 32.483	157 / 29.930	252 / 28.469	- / -	252 / 28.469	215 / 28.962	130 / 28.907	142 / 30.897	- / -	902 / 591.240	2,231 / 779.993
<i>Total Procurement and Support</i>	9.105	32.483	29.930	28.469	-	28.469	28.962	28.907	30.897	-	591.240	779.993
M88 FOV Field Upgrades Installation Cost	29 / 0.000	54 / -	157 / -	350 / -	- / -	350 / -	252 / -	215 / -	130 / -	142 / -	902 / -	2,231 / -
<i>Total Installation Cost</i>	29 / 0.000	54 / -	157 / -	350 / -	- / -	350 / -	252 / -	215 / -	130 / -	142 / -	902 / -	2,231 / -
<b>Total Cost (Procurement + Support + Installation)</b>	<b>9.105</b>	<b>32.483</b>	<b>29.930</b>	<b>28.469</b>	<b>-</b>	<b>28.469</b>	<b>28.962</b>	<b>28.907</b>	<b>30.897</b>	<b>-</b>	<b>591.240</b>	<b>779.993</b>



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<b>Exhibit P-3A, Individual Modification:</b> PB 2014 Army										<b>Date:</b> April 2013																			
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 2033A: Procurement of W&TCV, Army / BA 01: Tracked Combat Vehicles / BSA 20: Modification Of Tracked Combat Vehicles										<b>P-1 Line Item Nomenclature:</b> G80571 - M88 FOV MODS										<b>Modification Nomenclature</b> ( <i>Modification Number - Modification Title</i> ): 1 - M88 FOV Field upgrade									
<b>Models of Systems Affected:</b> M88										<b>Type Modification:</b> 1										<b>Related RDT&amp;E PEs:</b>									
<b>Manufacturer Information: M88 FOV Field Upgrades</b>																													
Manufacturer Name: BAE													Manufacturer Location: York,PA																
Administrative Leadtime ( <i>in Months</i> ): 6													Production Leadtime ( <i>in Months</i> ): 8																
<b>Dates</b>		<b>FY 2012</b>				<b>FY 2013</b>				<b>FY 2014</b>				<b>FY 2015</b>				<b>FY 2016</b>				<b>FY 2017</b>				<b>FY 2018</b>			
Contract Dates		Jan 2012				Aug 2013				Mar 2014				Mar 2015				Mar 2016				Mar 2017				Mar 2018			
Delivery Dates		Dec 2012				Apr 2014				Nov 2014				Nov 2015				Nov 2016				Nov 2017				Nov 2018			

  

<b>Installation:</b> M88 FOV Field Upgrades										<b>Method of Implementation:</b> Contractor and Depot installed in the field										<b>Installation Name:</b>									
<b>Installation Cost</b>		<b>Prior Years</b>	<b>FY 2012</b>	<b>FY 2013</b>	<b>FY 2014 Base</b>	<b>FY 2014 OCO</b>	<b>FY 2014 Total</b>	<b>FY 2015</b>	<b>FY 2016</b>	<b>FY 2017</b>	<b>FY 2018</b>	<b>To Complete</b>	<b>Total</b>																
		<i>Qty (Each) / Total Cost (\$ M )</i>	<i>Qty (Each) / Total Cost (\$ M )</i>	<i>Qty (Each) / Total Cost (\$ M )</i>	<i>Qty (Each) / Total Cost (\$ M )</i>	<i>Qty (Each) / Total Cost (\$ M )</i>	<i>Qty (Each) / Total Cost (\$ M )</i>	<i>Qty (Each) / Total Cost (\$ M )</i>	<i>Qty (Each) / Total Cost (\$ M )</i>	<i>Qty (Each) / Total Cost (\$ M )</i>	<i>Qty (Each) / Total Cost (\$ M )</i>	<i>Qty (Each) / Total Cost (\$ M )</i>	<i>Qty (Each) / Total Cost (\$ M )</i>	<i>Qty (Each) / Total Cost (\$ M )</i>															
All Prior Years		29 / 0.000	0 / 0.000	0 / 0.000	0 / 0.000	- / -	0 / 0.000	0 / 0.000	0 / 0.000	0 / 0.000	0 / 0.000	0 / 0.000	29 / 0.000																
FY 2012		0 / 0.000	54 / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	54 / -																
FY 2013		0 / 0.000	- / -	157 / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	157 / -																
FY 2014		0 / 0.000	- / -	- / -	350 / -	- / -	350 / -	- / -	- / -	- / -	- / -	- / -	350 / -																
FY 2015		0 / 0.000	- / -	- / -	- / -	- / -	- / -	252 / -	- / -	- / -	- / -	- / -	252 / -																
FY 2016		0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	215 / -	- / -	- / -	- / -	215 / -																
FY 2017		0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	130 / -	- / -	- / -	130 / -																
FY 2018		0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	142 / -	- / -	142 / -																
To Complete		0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	902 / -	902 / -																
Total		29 / 0.000	54 / -	157 / -	350 / -	- / -	350 / -	252 / -	215 / -	130 / -	142 / -	902 / -	2,231 / -																

  

<b>Installation Schedule</b>																															
	<b>APY</b>	<b>FY 2012</b>				<b>FY 2013</b>				<b>FY 2014</b>				<b>FY 2015</b>				<b>FY 2016</b>				<b>FY 2017</b>				<b>FY 2018</b>				<b>TC</b>	<b>Tot</b>
		<b>1</b>	<b>2</b>	<b>3</b>	<b>4</b>	<b>1</b>	<b>2</b>	<b>3</b>	<b>4</b>	<b>1</b>	<b>2</b>	<b>3</b>	<b>4</b>	<b>1</b>	<b>2</b>	<b>3</b>	<b>4</b>	<b>1</b>	<b>2</b>	<b>3</b>	<b>4</b>	<b>1</b>	<b>2</b>	<b>3</b>	<b>4</b>						
In	83	87	87	87	89	39	39	39	40	63	63	63	63	53	54	54	54	32	32	33	33	35	35	36	36	-	-	-	-	902	2,231
Out	29	13	13	14	14	39	39	39	40	87	87	87	89	63	63	63	63	53	54	54	54	32	32	33	33	35	35	36	36	902	2,231

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<b>Exhibit P-40, Budget Item Justification Sheet:</b> PB 2014 Army	<b>Date:</b> April 2013
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<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 2033A: Procurement of W&TCV, Army / BA 01: Tracked Combat Vehicles / BSA 20: Modification Of Tracked Combat Vehicles	<b>P-1 Line Item Nomenclature:</b> GZ3001 - Joint Assault Bridge
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<b>ID Code</b> (A=Service Ready, B=Not Service Ready) : B	<b>Program Elements for Code B Items:</b> 0654804A	<b>Other Related Program Elements:</b>
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**MDAP/MAIS Code(s):**

Resource Summary	Prior Years	FY 2012	FY 2013 <sup>#</sup>	FY 2014 Base	FY 2014 OCO <sup>##</sup>	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total
Procurement Quantity ( <i>Units in Each</i> )	-	-	-	-	-	-	10	10	15	33	-	68
Gross/Weapon System Cost ( <i>\$ in Millions</i> )	18.458	-	-	2.002	-	2.002	53.928	55.089	78.402	170.027	-	377.906
Less PY Advance Procurement ( <i>\$ in Millions</i> )	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) ( <i>\$ in Millions</i> )	18.458	-	-	2.002	-	2.002	53.928	55.089	78.402	170.027	-	377.906
Plus CY Advance Procurement ( <i>\$ in Millions</i> )	-	-	-	-	-	-	-	-	-	-	-	-
<b>Total Obligation Authority</b> ( <i>\$ in Millions</i> )	<b>18.458</b>	-	-	<b>2.002</b>	-	<b>2.002</b>	<b>53.928</b>	<b>55.089</b>	<b>78.402</b>	<b>170.027</b>	-	<b>377.906</b>

*(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>Units in Thousands</i> )	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost ( <i>Units in Thousands</i> )	-	-	-	-	-	-	5,392.800	5,508.900	5,226.800	5,152.333	-	5.557

<sup>#</sup> FY 2013 Program is from the FY 2013 President's Budget, submitted February 2012

<sup>##</sup> The FY 2014 OCO Request will be submitted at a later date

**Description:**

The Joint Assault Bridge (JAB) replaces the existing M60 chassis Armored Vehicle Launch Bridge (AVLB). The JAB is an Abrams Chassis-based engineer vehicle that launches and retrieves the 18.3 meter AVLB Bridge which has an Military Load Class (MLC) 85. The system consists of a modified M1A1 Abrams Chassis with the M1A2 Heavy Duty Suspension. The system will be employed with Army Armored Brigade Combat Teams (ABCTs) and USMC Marine Air Ground Task Forces (MAGTFs). The chassis provides a system that offers survivability equivalent to the Abrams Legacy Fleet while providing the Combatant Commander (COCOM) with additional sustained maneuverability and communication. The chassis also provides improved supportability over the AVLB. Type Classification - Limited Procurement will be Oct 2014 with Developmental Test completion in June 2016, Operational Test completion in Mar 2017. There are two unique system designs in engineering and manufacturing phase with the competitors being evaluated In Accordance With (IAW) User Requirements.

JAB AAO: 168

Secondary Distribution		FY 2012	FY 2013	FY 2014 Base	FY 2014 OCO	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018
Army	Quantity	-	-	-	-	-	10	2	5	11
	Total Obligation Authority	-	-	2.002	-	2.002	53.928	13.689	26.134	56.676
ANG	Quantity	-	-	-	-	-	-	4	5	11
	Total Obligation Authority	-	-	-	-	-	-	20.700	26.134	56.676

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<b>Exhibit P-40, Budget Item Justification Sheet:</b> PB 2014 Army	<b>Date:</b> April 2013
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<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 2033A: Procurement of W&TCV, Army / BA 01: Tracked Combat Vehicles / BSA 20: Modification Of Tracked Combat Vehicles	<b>P-1 Line Item Nomenclature:</b> GZ3001 - Joint Assault Bridge
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<b>ID Code</b> (A=Service Ready, B=Not Service Ready) : B	<b>Program Elements for Code B Items:</b> 0654804A	<b>Other Related Program Elements:</b>
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**MDAP/MAIS Code(s):**

Secondary Distribution		FY 2012	FY 2013	FY 2014 Base	FY 2014 OCO	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018
AR	Quantity	-	-	-	-	-	-	4	5	11
	Total Obligation Authority	-	-	-	-	-	-	20.700	26.134	56.675

**Justification:**  
 FY 2014 Base Procurement dollars in the amount of \$2.002 million supports program office requirements for the JAB to prepare for a production contact award.

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.

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<b>Exhibit P-40, Budget Item Justification Sheet:</b> PB 2014 Army	<b>Date:</b> April 2013
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<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 2033A: Procurement of W&TCV, Army / BA 01: Tracked Combat Vehicles / BSA 20: Modification Of Tracked Combat Vehicles	<b>P-1 Line Item Nomenclature:</b> GA0700 - M1 Abrams Tank (MOD)
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<b>ID Code</b> (A=Service Ready, B=Not Service Ready) : A	<b>Program Elements for Code B Items:</b>	<b>Other Related Program Elements:</b>
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**MDAP/MAIS Code(s):**

Resource Summary	Prior Years	FY 2012	FY 2013 <sup>#</sup>	FY 2014 Base	FY 2014 OCO <sup>##</sup>	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total
Procurement Quantity <i>(Units in Each)</i>	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost <i>(\$ in Millions)</i>	4,787.961	131.098	129.090	178.100	-	178.100	180.000	202.000	215.000	460.000	1,993.900	8,277.149
Less PY Advance Procurement <i>(\$ in Millions)</i>	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) <i>(\$ in Millions)</i>	4,787.961	131.098	129.090	178.100	-	178.100	180.000	202.000	215.000	460.000	1,993.900	8,277.149
Plus CY Advance Procurement <i>(\$ in Millions)</i>	-	-	-	-	-	-	-	-	-	-	-	-
<b>Total Obligation Authority <i>(\$ in Millions)</i></b>	<b>4,787.961</b>	<b>131.098</b>	<b>129.090</b>	<b>178.100</b>	<b>-</b>	<b>178.100</b>	<b>180.000</b>	<b>202.000</b>	<b>215.000</b>	<b>460.000</b>	<b>1,993.900</b>	<b>8,277.149</b>
<i>(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)</i>												
Initial Spares <i>(\$ in Millions)</i>	-	-	-	-	-	-	-	-	-	-	-	-
Flyaway Unit Cost <i>(Units in Thousands)</i>	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost <i>(Units in Thousands)</i>	-	-	-	-	-	-	-	-	-	-	-	-

<sup>#</sup> FY 2013 Program is from the FY 2013 President's Budget, submitted February 2012

<sup>##</sup> The FY 2014 OCO Request will be submitted at a later date

**Description:**

The Abrams Tank Fleet Modification Program applies Materiel Developer and Combat Developer approved modifications to the fielded Abrams family of vehicles. Common Abrams modifications included Vehicle Health Management, Power Train Improvement & Integration Optimization Program (i.e. Total Integrated Engine Revitalization (TIGER) and Transmission Enterprise) which provide more reliability, durability, fuel efficiency and a single standard for the vehicle's power train and Blue Force Tracking. Survivability improvements include Frontal Armor upgrades. Key safety improvements include the loaders tray modification, ammunition rack upgrades, Autoflug weldments, Counter Sniper Anti-Material Mount (CSAAM) weldments, headrest brackets, and Rear View Sensing System (RVSS).

Item Schedule		ID CD	Prior Years			FY 2012			FY 2013			FY 2014 Base			FY 2014 OCO			FY 2014 Total		
Item Nomenclature*	Exhibits		Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)
0000 - Mods	P3A		-	-	4,787.961	-	-	131.098	-	-	129.090	-	-	178.100	-	-	-	-	-	178.100
<b>Total Gross/Weapon System Cost</b>					<b>4,787.961</b>			<b>131.098</b>			<b>129.090</b>			<b>178.100</b>			<b>-</b>			<b>178.100</b>

Item Schedule		ID CD	FY 2015			FY 2016			FY 2017			FY 2018			To Complete			Total		
Item Nomenclature*	Exhibits		Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)
0000 - Mods	P3A		-	-	180.000	-	-	202.000	-	-	215.000	-	-	460.000	-	-	1,993.900	-	-	8,277.149

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<b>Exhibit P-40, Budget Item Justification Sheet:</b> PB 2014 Army																<b>Date:</b> April 2013					
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 2033A: Procurement of W&TCV, Army / BA 01: Tracked Combat Vehicles / BSA 20: Modification Of Tracked Combat Vehicles												<b>P-1 Line Item Nomenclature:</b> GA0700 - M1 Abrams Tank (MOD)									
<b>ID Code</b> (A=Service Ready, B=Not Service Ready) : A						<b>Program Elements for Code B Items:</b>						<b>Other Related Program Elements:</b>									
<b>MDAP/MAIS Code(s):</b>																					
<b>Item Schedule</b>		<b>ID CD</b>	<b>FY 2015</b>			<b>FY 2016</b>			<b>FY 2017</b>			<b>FY 2018</b>			<b>To Complete</b>			<b>Total</b>			
<b>Item Nomenclature*</b>	<b>Exhibits</b>		<b>Unit Cost (\$ K)</b>	<b>Qty (Each)</b>	<b>Total Cost (\$ M)</b>	<b>Unit Cost (\$ K)</b>	<b>Qty (Each)</b>	<b>Total Cost (\$ M)</b>	<b>Unit Cost (\$ K)</b>	<b>Qty (Each)</b>	<b>Total Cost (\$ M)</b>	<b>Unit Cost (\$ K)</b>	<b>Qty (Each)</b>	<b>Total Cost (\$ M)</b>	<b>Unit Cost (\$ K)</b>	<b>Qty (Each)</b>	<b>Total Cost (\$ M)</b>	<b>Unit Cost (\$ K)</b>	<b>Qty (Each)</b>	<b>Total Cost (\$ M)</b>	
<b>Total Gross/Weapon System Cost</b>				<b>180.000</b>			<b>202.000</b>			<b>215.000</b>			<b>460.000</b>			<b>1,993.900</b>			<b>8,277.149</b>		
*Item Nomenclature represents Item Number, DODIC, and Item Name for the P40A and P5; Name for the P18 and P23; Modification Number and Modification Title for the P3A; Item Number and Item Name for the P10.																					
Note: Totals in this Exhibit P-40 set may not be exact or add due to rounding.																					
<p><b>Justification:</b></p> <p>FY 2014 base procurement dollars in the amount of \$178.100 million supports the continued need to maintain the armor facility at a sustainable level and minimizes the loss of skilled labor. It also supports the procurement and field application of Data Distribution Unit (DDU) to enable network interoperability and resolve electronic obsolescence, Blue Force Tracking 2 A-Kit, and Low Profile Commander's Remote Operated Weapon Station (CROWS) non-recurring engineering. Provides funding for Direct Support Electrical System Test Sets (DSESTS), Training Aids, Devices, Simulators and Simulations (TADSS), Vehicle Health Management System (VHMS) in support of the Abrams family of vehicles, and complete the support of the Total Integrated Engine Revitalization (TIGER) and Transmission Enterprise programs which provide more reliability, durability, fuel efficiency and a single standard for the vehicle's power train. Government and contractor salaries will also be funded from this line.</p> <p>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.</p>																					

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<b>Exhibit P-3A, Individual Modification:</b> PB 2014 Army									<b>Date:</b> April 2013			
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 2033A: Procurement of W&TCV, Army / BA 01: Tracked Combat Vehicles / BSA 20: Modification Of Tracked Combat Vehicles				<b>P-1 Line Item Nomenclature:</b> GA0700 - M1 Abrams Tank (MOD)					<b>Modification Nomenclature</b> ( <i>Modification Number - Modification Title</i> ): 0000 - Mods			
<b>Models of Systems Affected:</b> Abrams Tanks			<b>Type Modification:</b> xxx					<b>Related RDT&amp;E PEs:</b>				
<b>Resource Summary</b>	<b>Prior Years</b>	<b>FY 2012</b>	<b>FY 2013<sup>#</sup></b>	<b>FY 2014 Base</b>	<b>FY 2014 OCO<sup>##</sup></b>	<b>FY 2014 Total</b>	<b>FY 2015</b>	<b>FY 2016</b>	<b>FY 2017</b>	<b>FY 2018</b>	<b>To Complete</b>	<b>Total</b>
Procurement Quantity ( <i>Units in Each</i> )	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost ( <i>\$ in Millions</i> )	4,787.961	131.098	129.090	178.100	-	178.100	180.000	202.000	215.000	460.000	1,993.900	8,277.149
Less PY Advance Procurement ( <i>\$ in Millions</i> )	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) ( <i>\$ in Millions</i> )	4,787.961	131.098	129.090	178.100	-	178.100	180.000	202.000	215.000	460.000	1,993.900	8,277.149
Plus CY Advance Procurement ( <i>\$ in Millions</i> )	-	-	-	-	-	-	-	-	-	-	-	-
<b>Total Obligation Authority</b> ( <i>\$ in Millions</i> )	<b>4,787.961</b>	<b>131.098</b>	<b>129.090</b>	<b>178.100</b>	<b>-</b>	<b>178.100</b>	<b>180.000</b>	<b>202.000</b>	<b>215.000</b>	<b>460.000</b>	<b>1,993.900</b>	<b>8,277.149</b>
<i>(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)</i>												
Initial Spares ( <i>\$ in Millions</i> )	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost ( <i>Units in Thousands</i> )	-	-	-	-	-	-	-	-	-	-	-	-
<sup>#</sup> FY 2013 Program is from the FY 2013 President's Budget, submitted February 2012 <sup>##</sup> The FY 2014 OCO Request will be submitted at a later date  <b>Description:</b> Modifications to the Abrams program												

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Exhibit P-3A, Individual Modification: PB 2014 Army								Date: April 2013					
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 Nomenclature: GA0700 - M1 Abrams Tank (MOD)				Modification Nomenclature (Modification Number - Modification Title): 0000 - Mods					
Models of Systems Affected: Abrams Tanks				Type Modification: xxx				Related RDT&E PEs:					
Financial Plan	Prior Years	FY 2012	FY 2013	FY 2014 Base	FY 2014 OCO	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total	
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	
Procurement													
Prior Year Closed Mods													
A Kits													
Non-Recurring													
Other	0 / 2,737.349	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 2,737.349	
Subtotal Non-Recurring	0 / 2,737.349	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 2,737.349	
Total, Prior Year Closed Mods	0 / 2,737.349	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 2,737.349	
Abrams Field Upgrades													
A Kits													
Recurring													
Low Profile CROWS-B Kits	0 / 0.000	- / -	- / -	- / -	- / -	- / -	90 / 4.286	180 / 8.727	180 / 8.884	270 / 13.566	- / -	720 / 35.463	
Vehicle Health and Embedded Training	0 / 0.000	- / -	140 / 10.701	- / -	- / -	- / -	90 / 4.763	180 / 9.698	180 / 9.872	270 / 15.075	- / -	860 / 50.109	
Ammunition Data Link (ADL)	0 / 0.000	- / -	140 / 13.507	- / -	- / -	- / -	90 / 3.175	270 / 9.698	450 / 16.190	450 / 16.481	- / -	1,400 / 59.051	
Network A Kit (BFT-2 and DDU)	0 / 0.000	- / 0.817	140 / 5.757	180 / 9.701	- / -	180 / 9.701	180 / 9.618	270 / 23.077	270 / 23.492	270 / 23.280	- / -	1,310 / 95.742	
Safety/Operational Mods	0 / 23.450	- / 2.963	- / 10.853	- / 12.196	- / -	- / 12.196	- / 12.425	- / 12.660	- / 13.291	- / 13.530	- / -	- / 101.368	
Support Equipment and TPF	0 / 23.450	- / -	- / 2.500	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 25.950	
Subtotal Recurring	0 / 46.900	- / 3.780	420 / 43.318	180 / 21.897	- / -	180 / 21.897	450 / 34.267	900 / 63.860	1,080 / 71.729	1,260 / 81.932	- / -	4,290 / 367.683	
Non-Recurring													
Installation Kits	0 / 283.400	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 283.400	
BFT Relocation	0 / 0.000	813 / 0.817	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	813 / 0.817	
Low Profile CROWS Engineering support	0 / 0.000	- / 12.050	- / -	- / 5.000	- / -	- / 5.000	- / -	- / -	- / -	- / -	- / -	- / 17.050	
Subtotal Non-Recurring	0 / 283.400	813 / 12.867	- / -	- / 5.000	- / -	- / 5.000	- / -	- / -	- / -	- / -	- / -	813 / 301.267	
Total, Abrams Field Upgrades	0 / 330.300	813 / 16.647	420 / 43.318	180 / 26.897	- / -	180 / 26.897	450 / 34.267	900 / 63.860	1,080 / 71.729	1,260 / 81.932	- / -	5,103 / 668.950	
Engineering Change Proposal (ECP) 1													
A Kits													
Recurring													
ECP 1 Modification Kits	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	45 / 228.541	- / 1,993.900	45 / 2,222.441	
Subtotal Recurring	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	45 / 228.541	- / 1,993.900	45 / 2,222.441	

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Exhibit P-3A, Individual Modification: PB 2014 Army								Date: April 2013				
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 Nomenclature: GA0700 - M1 Abrams Tank (MOD)				Modification Nomenclature (Modification Number - Modification Title): 0000 - Mods				
Models of Systems Affected: Abrams Tanks			Type Modification: xxx					Related RDT&E PEs:				
Financial Plan	Prior Years	FY 2012	FY 2013	FY 2014 Base	FY 2014 OCO	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total
	Qty (Each) / Total Cost (\$ M )	Qty (Each) / Total Cost (\$ M )	Qty (Each) / Total Cost (\$ M )	Qty (Each) / Total Cost (\$ M )	Qty (Each) / Total Cost (\$ M )	Qty (Each) / Total Cost (\$ M )	Qty (Each) / Total Cost (\$ M )	Qty (Each) / Total Cost (\$ M )	Qty (Each) / Total Cost (\$ M )	Qty (Each) / Total Cost (\$ M )	Qty (Each) / Total Cost (\$ M )	Qty (Each) / Total Cost (\$ M )
Total, Engineering Change Proposal (ECP) 1	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	45 / 228.541	- / 1,993.900	45 / 2,222.441
Armor												
A Kits												
Recurring												
Spare Armor Sets	46 / 56.600	- / -	24 / 24.640	70 / 64.330	- / -	70 / 64.330	70 / 85.420	70 / 85.574	70 / 89.673	35 / 32.570	- / -	385 / 438.807
Subtotal Recurring	46 / 56.600	- / -	24 / 24.640	70 / 64.330	- / -	70 / 64.330	70 / 85.420	70 / 85.574	70 / 89.673	35 / 32.570	- / -	385 / 438.807
Non-Recurring												
Installation Kits	821 / 526.800	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	821 / 526.800
Subtotal Non-Recurring	821 / 526.800	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	821 / 526.800
Total, Armor	867 / 583.400	- / -	24 / 24.640	70 / 64.330	- / -	70 / 64.330	70 / 85.420	70 / 85.574	70 / 89.673	35 / 32.570	- / -	1,206 / 965.607
Program/Engineering Support												
A Kits												
Recurring												
System Technical Support	0 / 57.300	- / 12.499	- / 4.660	- / 23.483	- / -	- / 23.483	- / 11.341	- / -	- / -	- / 32.592	- / -	- / 141.875
Government Program Management Support	0 / 0.000	- / -	- / 22.669	- / 34.746	- / -	- / 34.746	- / 24.467	- / 24.102	- / 24.723	- / 40.788	- / -	- / 171.495
Contractor Program Management Support	0 / 0.000	- / -	- / 2.971	- / 1.927	- / -	- / 1.927	- / 1.969	- / 1.900	- / 1.464	- / 1.320	- / -	- / 11.551
Government Test Support	0 / 0.000	- / -	- / 2.223	- / 6.184	- / -	- / 6.184	- / 6.290	- / 4.080	- / 4.000	- / 6.716	- / -	- / 29.493
Subtotal Recurring	0 / 57.300	- / 12.499	- / 32.523	- / 66.340	- / -	- / 66.340	- / 44.067	- / 30.082	- / 30.187	- / 81.416	- / -	- / 354.414
Total, Program/Engineering Support	0 / 57.300	- / 12.499	- / 32.523	- / 66.340	- / -	- / 66.340	- / 44.067	- / 30.082	- / 30.187	- / 81.416	- / -	- / 354.414
Power Pack Improvement & Integration Optimization												
A Kits												
Recurring												
System Technical Support	0 / 54.700	- / -	- / 13.220	- / 7.929	- / -	- / 7.929	- / 4.036	- / -	- / -	- / -	- / -	- / 79.885
Subtotal Recurring	0 / 54.700	- / -	- / 13.220	- / 7.929	- / -	- / 7.929	- / 4.036	- / -	- / -	- / -	- / -	- / 79.885
Non-Recurring												
Installation Kits	2,691 / 930.300	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	2,691 / 930.300
Durability/Fuel Efficiency Improvements	0 / 0.000	- / 66.352	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 66.352
Subtotal Non-Recurring	2,691 / 930.300	- / 66.352	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	2,691 / 996.652
Total, Power Pack Improvement & Integration Optimization	2,691 / 985.000	- / 66.352	- / 13.220	- / 7.929	- / -	- / 7.929	- / 4.036	- / -	- / -	- / -	- / -	2,691 / 1,076.537
Training Devices												



**UNCLASSIFIED**

<b>Exhibit P-3A, Individual Modification:</b> PB 2014 Army										<b>Date:</b> April 2013			
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 2033A: Procurement of W&TCV, Army / BA 01: Tracked Combat Vehicles / BSA 20: Modification Of Tracked Combat Vehicles				<b>P-1 Line Item Nomenclature:</b> GA0700 - M1 Abrams Tank (MOD)						<b>Modification Nomenclature</b> (Modification Number - Modification Title): 0000 - Mods			
<b>Models of Systems Affected:</b> Abrams Tanks				<b>Type Modification:</b> xxx						<b>Related RDT&amp;E PEs:</b>			
<b>Financial Plan</b>	<b>Prior Years</b>	<b>FY 2012</b>	<b>FY 2013</b>	<b>FY 2014 Base</b>	<b>FY 2014 OCO</b>	<b>FY 2014 Total</b>	<b>FY 2015</b>	<b>FY 2016</b>	<b>FY 2017</b>	<b>FY 2018</b>	<b>To Complete</b>	<b>Total</b>	
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	
A Kits													
Recurring													
Training Equipment Modifications	0 / 94.612	- / 35.600	- / 15.389	- / 12.604	- / -	- / 12.604	- / 12.210	- / 22.484	- / 23.411	- / 35.541	- / -	- / 251.851	
Subtotal Recurring	0 / 94.612	- / 35.600	- / 15.389	- / 12.604	- / -	- / 12.604	- / 12.210	- / 22.484	- / 23.411	- / 35.541	- / -	- / 251.851	
Total, Training Devices	0 / 94.612	- / 35.600	- / 15.389	- / 12.604	- / -	- / 12.604	- / 12.210	- / 22.484	- / 23.411	- / 35.541	- / -	- / 251.851	
Total Procurement, All Modifications	3,558 / 4,787.961	813 / 131.098	444 / 129.090	250 / 178.100	- / -	250 / 178.100	520 / 180.000	970 / 202.000	1,150 / 215.000	1,340 / 460.000	- / 1,993.900	9,045 / 8,277.149	
Total Procurement and Support	4,787.961	131.098	129.090	178.100	-	178.100	180.000	202.000	215.000	460.000	1,993.900	8,277.149	
Prior Year Closed Mods Installation Cost	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	
Abrams Field Upgrades Installation Cost	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	
Engineering Change Proposal (ECP) 1 Installation Cost	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	
Armor Installation Cost	821 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	821 / -	
Program/Engineering Support Installation Cost	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	
Power Pack Improvement & Integration Optimization Installation Cost	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	
Training Devices Installation Cost	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	
Total Installation Cost	821 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	821 / -	
Total Cost (Procurement + Support + Installation)	4,787.961	131.098	129.090	178.100	-	178.100	180.000	202.000	215.000	460.000	1,993.900	8,277.149	

**UNCLASSIFIED**

<b>Exhibit P-3A, Individual Modification:</b> PB 2014 Army										<b>Date:</b> April 2013																					
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 2033A: Procurement of W&TCV, Army / BA 01: Tracked Combat Vehicles / BSA 20: Modification Of Tracked Combat Vehicles										<b>P-1 Line Item Nomenclature:</b> GA0700 - M1 Abrams Tank (MOD)										<b>Modification Nomenclature</b> ( <i>Modification Number - Modification Title</i> ): 0000 - Mods											
<b>Models of Systems Affected:</b> Abrams Tanks										<b>Type Modification:</b> xxx										<b>Related RDT&amp;E PEs:</b>											
<b>Manufacturer Information: Prior Year Closed Mods</b>																															
Manufacturer Name: x														Manufacturer Location: x																	
Administrative Leadtime ( <i>in Months</i> ):														Production Leadtime ( <i>in Months</i> ):																	
<b>Dates</b>		<b>FY 2012</b>				<b>FY 2013</b>				<b>FY 2014</b>				<b>FY 2015</b>				<b>FY 2016</b>				<b>FY 2017</b>				<b>FY 2018</b>					
Contract Dates																															
Delivery Dates																															
<b>Installation: Prior Year Closed Mods</b>														<b>Method of Implementation:</b> x										<b>Installation Name:</b>							
<b>Installation Cost</b>		<b>Prior Years</b>		<b>FY 2012</b>		<b>FY 2013</b>		<b>FY 2014 Base</b>		<b>FY 2014 OCO</b>		<b>FY 2014 Total</b>		<b>FY 2015</b>		<b>FY 2016</b>		<b>FY 2017</b>		<b>FY 2018</b>		<b>To Complete</b>		<b>Total</b>							
		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)							
All Prior Years		0 / 0.000		0 / 0.000		0 / 0.000		0 / 0.000		- / -		0 / 0.000		0 / 0.000		0 / 0.000		0 / 0.000		0 / 0.000		0 / 0.000		0 / 0.000							
FY 2012		0 / 0.000		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -					
FY 2013		0 / 0.000		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -					
FY 2014		0 / 0.000		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -					
FY 2015		0 / 0.000		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -					
FY 2016		0 / 0.000		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -					
FY 2017		0 / 0.000		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -					
FY 2018		0 / 0.000		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -					
To Complete		0 / 0.000		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -					
Total		0 / 0.000		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -					
<b>Installation Schedule</b>																															
	<b>APY</b>	<b>FY 2012</b>				<b>FY 2013</b>				<b>FY 2014</b>				<b>FY 2015</b>				<b>FY 2016</b>				<b>FY 2017</b>				<b>FY 2018</b>				<b>TC</b>	<b>Tot</b>
		<b>1</b>	<b>2</b>	<b>3</b>	<b>4</b>	<b>1</b>	<b>2</b>	<b>3</b>	<b>4</b>	<b>1</b>	<b>2</b>	<b>3</b>	<b>4</b>	<b>1</b>	<b>2</b>	<b>3</b>	<b>4</b>	<b>1</b>	<b>2</b>	<b>3</b>	<b>4</b>	<b>1</b>	<b>2</b>	<b>3</b>	<b>4</b>	<b>1</b>	<b>2</b>	<b>3</b>	<b>4</b>		
In	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Out	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

**UNCLASSIFIED**

<b>Exhibit P-3A, Individual Modification:</b> PB 2014 Army										<b>Date:</b> April 2013																					
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 2033A: Procurement of W&TCV, Army / BA 01: Tracked Combat Vehicles / BSA 20: Modification Of Tracked Combat Vehicles										<b>P-1 Line Item Nomenclature:</b> GA0700 - M1 Abrams Tank (MOD)										<b>Modification Nomenclature</b> ( <i>Modification Number - Modification Title</i> ): 0000 - Mods											
<b>Models of Systems Affected:</b> Abrams Tanks										<b>Type Modification:</b> xxx										<b>Related RDT&amp;E PEs:</b>											
<b>Manufacturer Information: Abrams Field Upgrades</b>																															
Manufacturer Name: Various														Manufacturer Location: Various																	
Administrative Leadtime ( <i>in Months</i> ):														Production Leadtime ( <i>in Months</i> ):																	
<b>Dates</b>		<b>FY 2012</b>				<b>FY 2013</b>				<b>FY 2014</b>				<b>FY 2015</b>				<b>FY 2016</b>				<b>FY 2017</b>				<b>FY 2018</b>					
Contract Dates																															
Delivery Dates																															
<b>Installation:</b> Abrams Field Upgrades										<b>Method of Implementation:</b> Various										<b>Installation Name:</b>											
<b>Installation Cost</b>		<b>Prior Years</b>		<b>FY 2012</b>		<b>FY 2013</b>		<b>FY 2014 Base</b>		<b>FY 2014 OCO</b>		<b>FY 2014 Total</b>		<b>FY 2015</b>		<b>FY 2016</b>		<b>FY 2017</b>		<b>FY 2018</b>		<b>To Complete</b>		<b>Total</b>							
		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)							
All Prior Years		0 / 0.000		0 / 0.000		0 / 0.000		0 / 0.000		- / -		0 / 0.000		0 / 0.000		0 / 0.000		0 / 0.000		0 / 0.000		0 / 0.000		0 / 0.000		0 / 0.000					
FY 2012		0 / 0.000		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -			
FY 2013		0 / 0.000		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -			
FY 2014		0 / 0.000		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -			
FY 2015		0 / 0.000		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -			
FY 2016		0 / 0.000		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -			
FY 2017		0 / 0.000		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -			
FY 2018		0 / 0.000		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -			
To Complete		0 / 0.000		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -			
Total		0 / 0.000		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -			
<b>Installation Schedule</b>																															
	<b>APY</b>	<b>FY 2012</b>				<b>FY 2013</b>				<b>FY 2014</b>				<b>FY 2015</b>				<b>FY 2016</b>				<b>FY 2017</b>				<b>FY 2018</b>					
		<b>1</b>	<b>2</b>	<b>3</b>	<b>4</b>	<b>1</b>	<b>2</b>	<b>3</b>	<b>4</b>	<b>1</b>	<b>2</b>	<b>3</b>	<b>4</b>	<b>1</b>	<b>2</b>	<b>3</b>	<b>4</b>	<b>1</b>	<b>2</b>	<b>3</b>	<b>4</b>	<b>1</b>	<b>2</b>	<b>3</b>	<b>4</b>	<b>1</b>	<b>2</b>	<b>3</b>	<b>4</b>	<b>TC</b>	<b>Tot</b>
In	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Out	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

**UNCLASSIFIED**

<b>Exhibit P-3A, Individual Modification:</b> PB 2014 Army										<b>Date:</b> April 2013																					
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 2033A: Procurement of W&TCV, Army / BA 01: Tracked Combat Vehicles / BSA 20: Modification Of Tracked Combat Vehicles										<b>P-1 Line Item Nomenclature:</b> GA0700 - M1 Abrams Tank (MOD)										<b>Modification Nomenclature</b> ( <i>Modification Number - Modification Title</i> ): 0000 - Mods											
<b>Models of Systems Affected:</b> Abrams Tanks										<b>Type Modification:</b> xxx										<b>Related RDT&amp;E PEs:</b>											
<b>Manufacturer Information: Engineering Change Proposal (ECP) 1</b>																															
Manufacturer Name: X													Manufacturer Location: X																		
Administrative Leadtime ( <i>in Months</i> ):													Production Leadtime ( <i>in Months</i> ):																		
<b>Dates</b>		<b>FY 2012</b>				<b>FY 2013</b>				<b>FY 2014</b>				<b>FY 2015</b>				<b>FY 2016</b>				<b>FY 2017</b>				<b>FY 2018</b>					
Contract Dates																															
Delivery Dates																															
<b>Installation: Engineering Change Proposal (ECP) 1</b>										<b>Method of Implementation:</b> X										<b>Installation Name:</b>											
<b>Installation Cost</b>		<b>Prior Years</b>		<b>FY 2012</b>		<b>FY 2013</b>		<b>FY 2014 Base</b>		<b>FY 2014 OCO</b>		<b>FY 2014 Total</b>		<b>FY 2015</b>		<b>FY 2016</b>		<b>FY 2017</b>		<b>FY 2018</b>		<b>To Complete</b>		<b>Total</b>							
		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)							
All Prior Years		0 / 0.000		0 / 0.000		0 / 0.000		0 / 0.000		- / -		0 / 0.000		0 / 0.000		0 / 0.000		0 / 0.000		0 / 0.000		0 / 0.000		0 / 0.000		0 / 0.000					
FY 2012		0 / 0.000		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -			
FY 2013		0 / 0.000		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -			
FY 2014		0 / 0.000		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -			
FY 2015		0 / 0.000		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -			
FY 2016		0 / 0.000		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -			
FY 2017		0 / 0.000		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -			
FY 2018		0 / 0.000		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -			
To Complete		0 / 0.000		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -			
Total		0 / 0.000		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -			
<b>Installation Schedule</b>																															
	<b>APY</b>	<b>FY 2012</b>				<b>FY 2013</b>				<b>FY 2014</b>				<b>FY 2015</b>				<b>FY 2016</b>				<b>FY 2017</b>				<b>FY 2018</b>					
		<b>1</b>	<b>2</b>	<b>3</b>	<b>4</b>	<b>1</b>	<b>2</b>	<b>3</b>	<b>4</b>	<b>1</b>	<b>2</b>	<b>3</b>	<b>4</b>	<b>1</b>	<b>2</b>	<b>3</b>	<b>4</b>	<b>1</b>	<b>2</b>	<b>3</b>	<b>4</b>	<b>1</b>	<b>2</b>	<b>3</b>	<b>4</b>	<b>1</b>	<b>2</b>	<b>3</b>	<b>4</b>	<b>TC</b>	<b>Tot</b>
In	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Out	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

**UNCLASSIFIED**

<b>Exhibit P-3A, Individual Modification:</b> PB 2014 Army										<b>Date:</b> April 2013																			
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 2033A: Procurement of W&TCV, Army / BA 01: Tracked Combat Vehicles / BSA 20: Modification Of Tracked Combat Vehicles										<b>P-1 Line Item Nomenclature:</b> GA0700 - M1 Abrams Tank (MOD)										<b>Modification Nomenclature</b> ( <i>Modification Number - Modification Title</i> ): 0000 - Mods									
<b>Models of Systems Affected:</b> Abrams Tanks										<b>Type Modification:</b> xxx										<b>Related RDT&amp;E PEs:</b>									
<b>Manufacturer Information: Armor</b>																													
Manufacturer Name: Department of Energy													Manufacturer Location: Various																
Administrative Leadtime ( <i>in Months</i> ): 3													Production Leadtime ( <i>in Months</i> ): 12																
<b>Dates</b>		<b>FY 2012</b>				<b>FY 2013</b>				<b>FY 2014</b>				<b>FY 2015</b>				<b>FY 2016</b>				<b>FY 2017</b>				<b>FY 2018</b>			
Contract Dates						Apr 2013				Jan 2014				Jan 2015				Jan 2016				Jan 2017				Jan 2018			
Delivery Dates						Apr 2014				Jan 2015				Jan 2016				Jan 2017				Jan 2018				Jan 2019			

  

<b>Installation:</b> Armor										<b>Method of Implementation:</b> X										<b>Installation Name:</b>									
<b>Installation Cost</b>		<b>Prior Years</b>		<b>FY 2012</b>		<b>FY 2013</b>		<b>FY 2014 Base</b>		<b>FY 2014 OCO</b>		<b>FY 2014 Total</b>		<b>FY 2015</b>		<b>FY 2016</b>		<b>FY 2017</b>		<b>FY 2018</b>		<b>To Complete</b>		<b>Total</b>					
		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)					
All Prior Years		821 / 0.000		0 / 0.000		0 / 0.000		0 / 0.000		- / -		0 / 0.000		0 / 0.000		0 / 0.000		0 / 0.000		0 / 0.000		0 / 0.000		0 / 0.000		821 / 0.000			
FY 2012		0 / 0.000		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -			
FY 2013		0 / 0.000		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -			
FY 2014		0 / 0.000		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -			
FY 2015		0 / 0.000		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -			
FY 2016		0 / 0.000		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -			
FY 2017		0 / 0.000		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -			
FY 2018		0 / 0.000		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -			
To Complete		0 / 0.000		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -			
Total		821 / 0.000		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		821 / -			

  

<b>Installation Schedule</b>																															
	<b>APY</b>	<b>FY 2012</b>				<b>FY 2013</b>				<b>FY 2014</b>				<b>FY 2015</b>				<b>FY 2016</b>				<b>FY 2017</b>				<b>FY 2018</b>				<b>TC</b>	<b>Tot</b>
		<b>1</b>	<b>2</b>	<b>3</b>	<b>4</b>	<b>1</b>	<b>2</b>	<b>3</b>	<b>4</b>	<b>1</b>	<b>2</b>	<b>3</b>	<b>4</b>	<b>1</b>	<b>2</b>	<b>3</b>	<b>4</b>	<b>1</b>	<b>2</b>	<b>3</b>	<b>4</b>	<b>1</b>	<b>2</b>	<b>3</b>	<b>4</b>						
In	821	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	821				
Out	821	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	821				

**UNCLASSIFIED**

<b>Exhibit P-3A, Individual Modification:</b> PB 2014 Army										<b>Date:</b> April 2013																					
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 2033A: Procurement of W&TCV, Army / BA 01: Tracked Combat Vehicles / BSA 20: Modification Of Tracked Combat Vehicles										<b>P-1 Line Item Nomenclature:</b> GA0700 - M1 Abrams Tank (MOD)										<b>Modification Nomenclature</b> ( <i>Modification Number - Modification Title</i> ): 0000 - Mods											
<b>Models of Systems Affected:</b> Abrams Tanks										<b>Type Modification:</b> xxx										<b>Related RDT&amp;E PEs:</b>											
<b>Manufacturer Information: Program/Engineering Support</b>																															
Manufacturer Name: x													Manufacturer Location: x																		
Administrative Leadtime ( <i>in Months</i> ):													Production Leadtime ( <i>in Months</i> ):																		
<b>Dates</b>		<b>FY 2012</b>				<b>FY 2013</b>				<b>FY 2014</b>				<b>FY 2015</b>				<b>FY 2016</b>				<b>FY 2017</b>				<b>FY 2018</b>					
Contract Dates																															
Delivery Dates																															
<b>Installation:</b> Program/Engineering Support										<b>Method of Implementation:</b> x										<b>Installation Name:</b>											
<b>Installation Cost</b>		<b>Prior Years</b>		<b>FY 2012</b>		<b>FY 2013</b>		<b>FY 2014 Base</b>		<b>FY 2014 OCO</b>		<b>FY 2014 Total</b>		<b>FY 2015</b>		<b>FY 2016</b>		<b>FY 2017</b>		<b>FY 2018</b>		<b>To Complete</b>		<b>Total</b>							
		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)							
All Prior Years		0 / 0.000		0 / 0.000		0 / 0.000		0 / 0.000		- / -		0 / 0.000		0 / 0.000		0 / 0.000		0 / 0.000		0 / 0.000		0 / 0.000		0 / 0.000							
FY 2012		0 / 0.000		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -					
FY 2013		0 / 0.000		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -					
FY 2014		0 / 0.000		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -					
FY 2015		0 / 0.000		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -					
FY 2016		0 / 0.000		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -					
FY 2017		0 / 0.000		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -					
FY 2018		0 / 0.000		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -					
To Complete		0 / 0.000		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -					
Total		0 / 0.000		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -					
<b>Installation Schedule</b>																															
	<b>APY</b>	<b>FY 2012</b>				<b>FY 2013</b>				<b>FY 2014</b>				<b>FY 2015</b>				<b>FY 2016</b>				<b>FY 2017</b>				<b>FY 2018</b>					
		<b>1</b>	<b>2</b>	<b>3</b>	<b>4</b>	<b>1</b>	<b>2</b>	<b>3</b>	<b>4</b>	<b>1</b>	<b>2</b>	<b>3</b>	<b>4</b>	<b>1</b>	<b>2</b>	<b>3</b>	<b>4</b>	<b>1</b>	<b>2</b>	<b>3</b>	<b>4</b>	<b>1</b>	<b>2</b>	<b>3</b>	<b>4</b>	<b>1</b>	<b>2</b>	<b>3</b>	<b>4</b>	<b>TC</b>	<b>Tot</b>
In	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Out	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

**UNCLASSIFIED**

<b>Exhibit P-3A, Individual Modification:</b> PB 2014 Army										<b>Date:</b> April 2013																					
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 2033A: Procurement of W&TCV, Army / BA 01: Tracked Combat Vehicles / BSA 20: Modification Of Tracked Combat Vehicles										<b>P-1 Line Item Nomenclature:</b> GA0700 - M1 Abrams Tank (MOD)										<b>Modification Nomenclature</b> ( <i>Modification Number - Modification Title</i> ): 0000 - Mods											
<b>Models of Systems Affected:</b> Abrams Tanks										<b>Type Modification:</b> xxx										<b>Related RDT&amp;E PEs:</b>											
<b>Manufacturer Information: Power Pack Improvement &amp; Integration Optimization</b>																															
Manufacturer Name: Honeywell and Allison													Manufacturer Location: Phoenix, AZ and Indianapolis, IN																		
Administrative Leadtime ( <i>in Months</i> ): 5													Production Leadtime ( <i>in Months</i> ):																		
<b>Dates</b>		<b>FY 2012</b>				<b>FY 2013</b>				<b>FY 2014</b>				<b>FY 2015</b>				<b>FY 2016</b>				<b>FY 2017</b>				<b>FY 2018</b>					
Contract Dates										Mar 2014																					
Delivery Dates										Mar 2015																					
<b>Installation:</b> Power Pack Improvement & Integration Optimization										<b>Method of Implementation:</b> Contractor Support										<b>Installation Name:</b>											
<b>Installation Cost</b>		<b>Prior Years</b>		<b>FY 2012</b>		<b>FY 2013</b>		<b>FY 2014 Base</b>		<b>FY 2014 OCO</b>		<b>FY 2014 Total</b>		<b>FY 2015</b>		<b>FY 2016</b>		<b>FY 2017</b>		<b>FY 2018</b>		<b>To Complete</b>		<b>Total</b>							
		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)							
All Prior Years		0 / 0.000		0 / 0.000		0 / 0.000		0 / 0.000		- / -		0 / 0.000		0 / 0.000		0 / 0.000		0 / 0.000		0 / 0.000		0 / 0.000		0 / 0.000		0 / 0.000					
FY 2012		0 / 0.000		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -			
FY 2013		0 / 0.000		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -			
FY 2014		0 / 0.000		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -			
FY 2015		0 / 0.000		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -			
FY 2016		0 / 0.000		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -			
FY 2017		0 / 0.000		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -			
FY 2018		0 / 0.000		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -			
To Complete		0 / 0.000		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -			
Total		0 / 0.000		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -			
<b>Installation Schedule</b>																															
	<b>APY</b>	<b>FY 2012</b>				<b>FY 2013</b>				<b>FY 2014</b>				<b>FY 2015</b>				<b>FY 2016</b>				<b>FY 2017</b>				<b>FY 2018</b>					
		<b>1</b>	<b>2</b>	<b>3</b>	<b>4</b>	<b>1</b>	<b>2</b>	<b>3</b>	<b>4</b>	<b>1</b>	<b>2</b>	<b>3</b>	<b>4</b>	<b>1</b>	<b>2</b>	<b>3</b>	<b>4</b>	<b>1</b>	<b>2</b>	<b>3</b>	<b>4</b>	<b>1</b>	<b>2</b>	<b>3</b>	<b>4</b>	<b>1</b>	<b>2</b>	<b>3</b>	<b>4</b>	<b>TC</b>	<b>Tot</b>
In	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Out	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

**UNCLASSIFIED**

<b>Exhibit P-3A, Individual Modification:</b> PB 2014 Army										<b>Date:</b> April 2013																					
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 2033A: Procurement of W&TCV, Army / BA 01: Tracked Combat Vehicles / BSA 20: Modification Of Tracked Combat Vehicles										<b>P-1 Line Item Nomenclature:</b> GA0700 - M1 Abrams Tank (MOD)										<b>Modification Nomenclature</b> ( <i>Modification Number - Modification Title</i> ): 0000 - Mods											
<b>Models of Systems Affected:</b> Abrams Tanks										<b>Type Modification:</b> xxx										<b>Related RDT&amp;E PEs:</b>											
<b>Manufacturer Information: Training Devices</b>																															
Manufacturer Name: PEO Simulation, Training, and Instrumentation														Manufacturer Location: Orlando, FL																	
Administrative Leadtime ( <i>in Months</i> ):														Production Leadtime ( <i>in Months</i> ):																	
<b>Dates</b>		<b>FY 2012</b>				<b>FY 2013</b>				<b>FY 2014</b>				<b>FY 2015</b>				<b>FY 2016</b>				<b>FY 2017</b>				<b>FY 2018</b>					
Contract Dates		Mar 2012				Mar 2013				Mar 2014				Mar 2015				Mar 2016													
Delivery Dates																															
<b>Installation:</b> Training Devices										<b>Method of Implementation:</b> Contractor Support										<b>Installation Name:</b>											
<b>Installation Cost</b>		<b>Prior Years</b>		<b>FY 2012</b>		<b>FY 2013</b>		<b>FY 2014 Base</b>		<b>FY 2014 OCO</b>		<b>FY 2014 Total</b>		<b>FY 2015</b>		<b>FY 2016</b>		<b>FY 2017</b>		<b>FY 2018</b>		<b>To Complete</b>		<b>Total</b>							
		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)							
All Prior Years		0 / 0.000		0 / 0.000		0 / 0.000		0 / 0.000		- / -		0 / 0.000		0 / 0.000		0 / 0.000		0 / 0.000		0 / 0.000		0 / 0.000		0 / 0.000		0 / 0.000					
FY 2012		0 / 0.000		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -			
FY 2013		0 / 0.000		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -			
FY 2014		0 / 0.000		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -			
FY 2015		0 / 0.000		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -			
FY 2016		0 / 0.000		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -			
FY 2017		0 / 0.000		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -			
FY 2018		0 / 0.000		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -			
To Complete		0 / 0.000		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -			
Total		0 / 0.000		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -			
<b>Installation Schedule</b>																															
	<b>APY</b>	<b>FY 2012</b>				<b>FY 2013</b>				<b>FY 2014</b>				<b>FY 2015</b>				<b>FY 2016</b>				<b>FY 2017</b>				<b>FY 2018</b>					
		<b>1</b>	<b>2</b>	<b>3</b>	<b>4</b>	<b>1</b>	<b>2</b>	<b>3</b>	<b>4</b>	<b>1</b>	<b>2</b>	<b>3</b>	<b>4</b>	<b>1</b>	<b>2</b>	<b>3</b>	<b>4</b>	<b>1</b>	<b>2</b>	<b>3</b>	<b>4</b>	<b>1</b>	<b>2</b>	<b>3</b>	<b>4</b>	<b>1</b>	<b>2</b>	<b>3</b>	<b>4</b>	<b>TC</b>	<b>Tot</b>
In	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Out	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-



**UNCLASSIFIED**

<b>Exhibit P-40, Budget Item Justification Sheet:</b> PB 2014 Army										<b>Date:</b> April 2013				
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 2033A: Procurement of W&TCV, Army / BA 01: Tracked Combat Vehicles / BSA 20: Modification Of Tracked Combat Vehicles										<b>P-1 Line Item Nomenclature:</b> GA0750 - Abrams Upgrade Program				
<b>ID Code</b> (A=Service Ready, B=Not Service Ready) : A					<b>Program Elements for Code B Items:</b>					<b>Other Related Program Elements:</b> 0203735A				
<b>MDAP/MAIS Code(s):</b>														

  

Resource Summary	Prior Years	FY 2012	FY 2013 <sup>#</sup>	FY 2014 Base	FY 2014 OCO <sup>##</sup>	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total
Procurement Quantity <i>(Units in Each)</i>	-	67	-	-	-	-	-	-	-	-	-	67
Gross/Weapon System Cost <i>(\$ in Millions)</i>	8,172.238	436.329	74.433	-	-	-	-	-	-	-	-	8,683.000
Less PY Advance Procurement <i>(\$ in Millions)</i>	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) <i>(\$ in Millions)</i>	8,172.238	436.329	74.433	-	-	-	-	-	-	-	-	8,683.000
Plus CY Advance Procurement <i>(\$ in Millions)</i>	-	-	-	-	-	-	-	-	-	-	-	-
<b>Total Obligation Authority</b> <i>(\$ in Millions)</i>	<b>8,172.238</b>	<b>436.329</b>	<b>74.433</b>	-	-	-	-	-	-	-	-	<b>8,683.000</b>
<i>(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)</i>												
Initial Spares <i>(\$ in Millions)</i>	-	7.219	-	-	-	-	-	-	-	-	-	7.219
Flyaway Unit Cost <i>(Units in Thousands)</i>	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost <i>(Units in Thousands)</i>	-	-	-	-	-	-	-	-	-	-	-	-

<sup>#</sup> FY 2013 Program is from the FY 2013 President's Budget, submitted February 2012

<sup>##</sup> The FY 2014 OCO Request will be submitted at a later date

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

  

Item Schedule		ID CD	Prior Years			FY 2012			FY 2013			FY 2014 Base			FY 2014 OCO			FY 2014 Total		
Item Nomenclature*	Exhibits		Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)
GA0750 - Abrams Upgrade Program	P5, P5A, P21	A	-	-	8,172.238	-	67	436.329	-	-	74.433	-	-	-	-	-	-	-	-	-
<b>Total Gross/Weapon System Cost</b>					<b>8,172.238</b>			<b>436.329</b>			<b>74.433</b>			-			-			-

\*Item Nomenclature represents Item Number, DODIC, and Item Name for the P40A and P5; Name for the P18 and P23; Modification Number and Modification Title for the P3A; Item Number and Item Name for the P10.

Note: Totals in this Exhibit P-40 set may not be exact or add due to rounding.

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<b>Exhibit P-40, Budget Item Justification Sheet:</b> PB 2014 Army		<b>Date:</b> April 2013
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 2033A: Procurement of W&TCV, Army / BA 01: Tracked Combat Vehicles / BSA 20: Modification Of Tracked Combat Vehicles		<b>P-1 Line Item Nomenclature:</b> GA0750 - Abrams Upgrade Program
<b>ID Code</b> (A=Service Ready, B=Not Service Ready) : A	<b>Program Elements for Code B Items:</b>	<b>Other Related Program Elements:</b> 0203735A
<b>MDAP/MAIS Code(s):</b>		
<b>Justification:</b> No FY 2014 funding.  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**

<b>Exhibit P-5, Cost Analysis: PB 2014 Army</b>				<b>Date:</b> April 2013			
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 2033A: Procurement of W&TCV, Army / BA 01: Tracked Combat Vehicles / BSA 20: Modification Of Tracked Combat Vehicles		<b>P-1 Line Item Nomenclature:</b> GA0750 - Abrams Upgrade Program			<b>Item Nomenclature (Item Number - Item Name, DODIC):</b> GA0750 - Abrams Upgrade Program		

<b>Resource Summary</b>	<b>Prior Years</b>	<b>FY 2012</b>	<b>FY 2013<sup>#</sup></b>	<b>FY 2014 Base</b>	<b>FY 2014 OCO<sup>##</sup></b>	<b>FY 2014 Total</b>
Procurement Quantity ( <i>Units in Each</i> )	-	67	-	-	-	-
Gross/Weapon System Cost ( <i>\$ in Millions</i> )	8,172.238	436.329	74.433	-	-	-
Less PY Advance Procurement ( <i>\$ in Millions</i> )	-	-	-	-	-	-
Net Procurement (P1) ( <i>\$ in Millions</i> )	8,172.238	436.329	74.433	-	-	-
Plus CY Advance Procurement ( <i>\$ in Millions</i> )	-	-	-	-	-	-
<b>Total Obligation Authority (<i>\$ in Millions</i>)</b>	<b>8,172.238</b>	<b>436.329</b>	<b>74.433</b>	-	-	-

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

Initial Spares ( <i>\$ in Millions</i> )	-	7.219	-	-	-	-
Gross/Weapon System Unit Cost ( <i>Units in Thousands</i> )	-	-	-	-	-	-

<sup>#</sup> FY 2013 Program is from the FY 2013 President's Budget, submitted February 2012

<sup>##</sup> The FY 2014 OCO Request will be submitted at a later date

<b>Cost Elements</b> († indicates the presence of a P-5A)	<b>ID CD</b>	<b>All Prior Years</b>			<b>FY 2012</b>			<b>FY 2013</b>			<b>FY 2014 Base</b>			<b>FY 2014 OCO</b>			<b>FY 2014 Total</b>		
		<b>Unit Cost (\$ K)</b>	<b>Quantity (Each)</b>	<b>Total Cost (\$ M)</b>	<b>Unit Cost (\$ K)</b>	<b>Quantity (Each)</b>	<b>Total Cost (\$ M)</b>	<b>Unit Cost (\$ K)</b>	<b>Quantity (Each)</b>	<b>Total Cost (\$ M)</b>	<b>Unit Cost (\$ K)</b>	<b>Quantity (Each)</b>	<b>Total Cost (\$ M)</b>	<b>Unit Cost (\$ K)</b>	<b>Quantity (Each)</b>	<b>Total Cost (\$ M)</b>	<b>Unit Cost (\$ K)</b>	<b>Quantity (Each)</b>	<b>Total Cost (\$ M)</b>
Flyaway Cost																			
Recurring Cost																			
† Basic Vehicle		3,703.000	1,038	3,844.103	3,237.000	67	216.899	-	-	-	-	-	-	-	-	-	-	-	-
Government Furnished Equipment (GFE)		-	-	882.289	-	-	85.358	-	-	-	-	-	-	-	-	-	-	-	-
Armor		1,420.000	547	776.817	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Pre-Modification Vehicle Teardown/ Refurb		-	-	494.815	-	-	35.243	-	-	-	-	-	-	-	-	-	-	-	-
System Technical Support (STS)		-	-	1,629.980	-	-	53.200	-	-	54.433	-	-	-	-	-	-	-	-	-
TPF/New Equipment Training		-	-	254.126	-	-	21.001	-	-	20.000	-	-	-	-	-	-	-	-	-
Special Tools and Test Set		-	-	0.743	-	-	0.135	-	-	-	-	-	-	-	-	-	-	-	-
Government Support		-	-	278.265	-	-	24.493	-	-	-	-	-	-	-	-	-	-	-	-
Initial Spares/ Authorized Stock List		-	-	11.100	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
<b>Total Recurring Cost</b>				<b>8,172.238</b>			<b>436.329</b>			<b>74.433</b>			-			-			-
<b>Total Flyaway Cost</b>				<b>8,172.238</b>			<b>436.329</b>			<b>74.433</b>			-			-			-
<b>Gross Weapon System Cost</b>				<b>8,172.238</b>			<b>436.329</b>			<b>74.433</b>			-			-			-

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<b>Exhibit P-5, Cost Analysis:</b> PB 2014 Army		<b>Date:</b> April 2013
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 2033A: Procurement of W&TCV, Army / BA 01: Tracked Combat Vehicles / BSA 20: Modification Of Tracked Combat Vehicles	<b>P-1 Line Item Nomenclature:</b> GA0750 - Abrams Upgrade Program	<b>Item Nomenclature</b> ( <i>Item Number - Item Name, DODIC</i> ): GA0750 - Abrams Upgrade Program
<b>P-5 Remarks:</b>		

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Exhibit P-5A, Budget Procurement History and Planning: PB 2014 Army										Date: April 2013		
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 Nomenclature: GA0750 - Abrams Upgrade Program					Item Nomenclature: GA0750 - Abrams Upgrade Program			
Cost Elements († indicates the presence of a P-21)	OCO	FY	Contractor and Location	Method/Type, or Funding Vehicle	Location of PCO	Award Date	Date of First Delivery	Qty (Each)	Unit Cost (\$ K )	Specs Avail Now?	Date Revsn Avail	RFP Issue Date
†Basic Vehicle		2012	GDLS / Sterling Heights, MI	C / FFP	TACOM- Warren	Feb 2012	Jan 2013	67	3,237.000	N		
Remarks: No 2014 funding.  FY12 (67 Qty) Have 2 different Award Dates and 2 different First Delivery Dates 1. 21 qty: Award Date: Feb 2012 and First Delivery Date: Jan 2013 2. 46 Qty: Award Date: Mar 2013 and First Delivery Date: Jul 2013  GDLS-Prime Contractor, Sterling Heights, MI Manufactured at JSMC, Lima, OH												

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Exhibit P-21, Budget Production Schedule: PB 2014 Army																							Date: April 2013											
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 Nomenclature: GA0750 - Abrams Upgrade Program													Item Nomenclature: GA0750 - Abrams Upgrade Program											
Cost Elements <i>(Units in Each)</i>							Fiscal Year 2012													Fiscal Year 2013														
O C C O	M F R #	FY	SERVICE <sup>±</sup>	PROC QTY	ACCEP PRIOR TO 1 OCT 2011	BAL DUE AS OF 1 OCT	Calendar Year 2012													Calendar Year 2013													B A L	
							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				
Basic Vehicle																																		
	1	2012	ARMY	67	-	67	-	-	-	-	A -	-	-	-	-	-	-	-	-	-	-	1	4	4	4	4	4	3	4	4	35			
							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	B A L			

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Exhibit P-21, Budget Production Schedule: PB 2014 Army																							Date: April 2013									
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 Nomenclature: GA0750 - Abrams Upgrade Program													Item Nomenclature: GA0750 - Abrams Upgrade Program									
Cost Elements (Units in Each)							Fiscal Year 2014												Fiscal Year 2015													
O C C O	M F R #	FY	SERVICE‡	PROC QTY	ACCEP PRIOR TO 1 OCT 2013	BAL DUE AS OF 1 OCT	Calendar Year 2014												Calendar Year 2015												B A L	
							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		
Basic Vehicle																																
	1	2012	ARMY	67	32	35	4	4	3	2	2	2	2	2	2	2	2	2	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	B A L	

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<b>Exhibit P-21, Budget Production Schedule:</b> PB 2014 Army		<b>Date:</b> April 2013
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 2033A: Procurement of W&TCV, Army / BA 01: Tracked Combat Vehicles / BSA 20: Modification Of Tracked Combat Vehicles	<b>P-1 Line Item Nomenclature:</b> GA0750 - Abrams Upgrade Program	<b>Item Nomenclature:</b> GA0750 - Abrams Upgrade Program

		Production Rates (Each / Month)			Procurement Leadtime (Months)							
MFR #	MFR Name - Location	MSR	1-8-5	MAX	Initial				Reorder			
					ALT Prior to Oct 1	ALT After Oct 1	Mfg PLT	Total After Oct 1	ALT Prior to Oct 1	ALT After Oct 1	Mfg PLT	Total After Oct 1
1	GDLS - Sterling Heights, MI	70.00	120.00	336.00	-	5	11	16	-	6	4	10

**Remarks:**

FY12 (67 Qty) Have 2 different Award Dates and 2 different First Delivery Dates1. 21 qty: Award Date: Feb 2012 and First Delivery Date: Jan 20132. 46 Qty: Award Date: Mar 2013 and First Delivery Date: Jul 2013GDLS-Prime Contractor, Sterling Heights, MIManufactured at JSMC, Lima, OH  
"A" in the Delivery Schedule indicated the Contract Award Date.

Due to space limitations, quantities in the Exhibit P-21 delivery calendar are truncated and rounded based on the maximum quantity in the calendar as follows. If the maximum quantity is less than or equal to than 99,999, all quantities are shown as each. If the maximum quantity is between 100,000 and 99,999,499 all quantities are shown in thousands (rounded to the nearest thousand). If the maximum quantity is greater than 99,999,499 all quantities are shown in millions (rounded to the nearest million).



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<b>Exhibit P-40, Budget Item Justification Sheet:</b> PB 2014 Army										<b>Date:</b> April 2013		
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 2033A: Procurement of W&TCV, Army / BA 01: Tracked Combat Vehicles / BSA 30: Support Equipment & Facilities							<b>P-1 Line Item Nomenclature:</b> GA0050 - Production Base Support (TCV-WTCV)					
<b>ID Code</b> (A=Service Ready, B=Not Service Ready) :				<b>Program Elements for Code B Items:</b>				<b>Other Related Program Elements:</b>				
<b>MDAP/MAIS Code(s):</b>												
<b>Resource Summary</b>	<b>Prior Years</b>	<b>FY 2012</b>	<b>FY 2013<sup>#</sup></b>	<b>FY 2014 Base</b>	<b>FY 2014 OCO<sup>##</sup></b>	<b>FY 2014 Total</b>	<b>FY 2015</b>	<b>FY 2016</b>	<b>FY 2017</b>	<b>FY 2018</b>	<b>To Complete</b>	<b>Total</b>
Procurement Quantity ( <i>Units in Each</i> )	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost ( <i>\$ in Millions</i> )	369.315	1.073	1.145	1.544	-	1.544	1.848	1.881	1.913	1.946	-	380.665
Less PY Advance Procurement ( <i>\$ in Millions</i> )	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) ( <i>\$ in Millions</i> )	369.315	1.073	1.145	1.544	-	1.544	1.848	1.881	1.913	1.946	-	380.665
Plus CY Advance Procurement ( <i>\$ in Millions</i> )	-	-	-	-	-	-	-	-	-	-	-	-
<b>Total Obligation Authority</b> ( <i>\$ in Millions</i> )	<b>369.315</b>	<b>1.073</b>	<b>1.145</b>	<b>1.544</b>	<b>-</b>	<b>1.544</b>	<b>1.848</b>	<b>1.881</b>	<b>1.913</b>	<b>1.946</b>	<b>-</b>	<b>380.665</b>
<i>(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)</i>												
Initial Spares ( <i>\$ in Millions</i> )	-	-	-	-	-	-	-	-	-	-	-	-
Flyaway Unit Cost ( <i>Units in Thousands</i> )	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost ( <i>Units in Thousands</i> )	-	-	-	-	-	-	-	-	-	-	-	-
<sup>#</sup> FY 2013 Program is from the FY 2013 President's Budget, submitted February 2012 <sup>##</sup> The FY 2014 OCO Request will be submitted at a later date <b>Description:</b> This program provides for the Provision of Industrial Facilities (PIF). Funds are used to establish, modernize, expand or replace facilities owned by the Army. It provides Production Support Equipment Replacement and Modernization to Government-owned equipment and real property used in the production of Weapons and Tracked Combat Vehicles. The program also provides funding for Layaway of Industrial Facilities (LIF) and for the redistribution of equipment no longer required for production of Army systems. This effort supports the Abrams RESET, Systems Enhancement Package (SEP) Programs and Spin-Out Framework. Funding is required for the preservation, Packing, Crating, Handling, and Transportation (PCH&T) of equipment excess to production, where such actions do not constitute substantial or complete shutdown or excessing of U.S. Army Tank-Automotive and Armaments Command (TACOM) production equipment. This program also funds projects to prevent unnecessary deterioration, perform maintenance, cover storage expenses of idle items of Government-owned equipment, and unplanned repairs to active equipment as situations arise.												
<b>Project Schedule</b>			<b>Prior Years</b>	<b>FY 2012</b>	<b>FY 2013</b>	<b>FY 2014 Base</b>	<b>FY 2014 OCO</b>	<b>FY 2014 Total</b>				
<b>Project</b>	<b>Exhibits</b>	<b>ID CD</b>	<b>Total Cost (\$ M )</b>	<b>Total Cost (\$ M )</b>	<b>Total Cost (\$ M )</b>	<b>Total Cost (\$ M )</b>	<b>Total Cost (\$ M )</b>	<b>Total Cost (\$ M )</b>				
Production Support			-	1.073	1.145	1.544	-	1.544				
Production Base Support - Lima			-	0.284	0.334	0.567	-	0.567				
Production Base Support - Lima	P25		-	0.284	0.334	0.567	-	0.567				

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<b>Exhibit P-40, Budget Item Justification Sheet:</b> PB 2014 Army							<b>Date:</b> April 2013	
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 2033A: Procurement of W&TCV, Army / BA 01: Tracked Combat Vehicles / BSA 30: Support Equipment & Facilities					<b>P-1 Line Item Nomenclature:</b> GA0050 - Production Base Support (TCV-WTCV)			
<b>ID Code</b> (A=Service Ready, B=Not Service Ready) :			<b>Program Elements for Code B Items:</b>			<b>Other Related Program Elements:</b>		
<b>MDAP/MAIS Code(s):</b>								
<b>Project Schedule</b>		<b>ID CD</b>	<b>Prior Years</b>	<b>FY 2012</b>	<b>FY 2013</b>	<b>FY 2014 Base</b>	<b>FY 2014 OCO</b>	<b>FY 2014 Total</b>
<b>Project</b>	<b>Exhibits</b>		<b>Total Cost (\$ M )</b>	<b>Total Cost (\$ M )</b>	<b>Total Cost (\$ M )</b>	<b>Total Cost (\$ M )</b>	<b>Total Cost (\$ M )</b>	<b>Total Cost (\$ M )</b>
Production Base Support - Scranton			-	0.189	0.222	0.377	-	0.377
Production Base Support - Scranton	P25		-	0.189	0.222	0.377	-	0.377
TACOM LCMC Production Base Spt Program			-	0.600	0.589	0.600	-	0.600
TACOM LCMC Production Base Spt Program	P25		-	0.600	0.589	0.600	-	0.600
<b>Total Gross/Weapon System Cost</b>			<b>369.315</b>	<b>1.073</b>	<b>1.145</b>	<b>1.544</b>	<b>-</b>	<b>1.544</b>
<p>*For the P17 and P25, the Project column displays a three-level indentation: Project Category (e.g., Environmental), followed by the Facility, followed by the Project Name. Exhibits with no Project Category are included under the "Uncategorized" category. For the P26, the Project column displays a two-level indentation: Project Type (e.g., Inactive Plants, Inactive Lines at Contractor Plants and Inactive Lines at Active Plants), followed by the Facility. Note also that although all P17, P25 and P26 projects are shown in the project schedule, not all projects will have a corresponding exhibit. A P17 or P25 exhibit is only included if data beyond the Project Number, Project Title and Cost are included (for example: for the P17, Description, Manufacturer, etc.; for the P25, Narrative Explanation, Cost Elements, Principle Milestones, etc.). A P26 exhibit is only included if data beyond Project Type and Total Cost are included (for example, Description, Contractor, Maintenance/Recurring/Environmental/Other costs, etc.).</p>								
<p><b>Justification:</b>  FY 2014 Base procurement dollars in the amount of \$1.544 million supports the procurement, repair, or replacement of Government-owned Industrial Plant Equipment (IPE) and Government-owned Real Property at the Joint System Manufacturing Center at Lima (JSMCL), formerly the Lima Army Tank Plant (LATP). In addition, this program procures repair or replacement of Government-owned IPE at contractor-owned manufacturing facilities in Scranton, PA, Indianapolis, IN, and other locations. This request also supports emergency repairs to prevent production interruptions or loss of resources, as well as addressing threats to security, worker safety, and environmental issues. At JSMCL, projects include repair and rehab of machining centers, rehab of underground utilities and sewers, repair and upgrade of building electrical controls and resurfacing of deteriorating asphalt and concrete surfaces. Partial layaway of manufacturing facilities at JSMCL, pertaining to Abrams and Stryker production lines, is also included. With platform production cessation, occurring in the POM, there will be increased demands to facilitate, equip and enhance current manufacturing operations with new suppliers, as many current DoD contractors exit military production and divest to other commercial sector work. At the other locations, most projects address planned rehab or emergency repair of Government-owned machining centers and other Government IPE. These projects help prevent increased costs due to obsolete or nonoperational equipment, and also address environmental and safety deficiencies. In addition, this project covers unplanned repairs to Government-owned equipment, as situations arise. Funds are used to establish, modernize or replace Army-owned industrial facilities and equipment used in direct support of increased WTCV production requirements, resulting from ongoing heightened tensions/surge requirements in direct support of Overseas Contingency Operations (OCO). In the present OCO environment, TACOM's Industrial Base needs use funds to establish, modernize and/or replace Army owned industrial facilities and equipment used in direct support of increased WTCV production requirements (PIF Projects, Parts obsolescence, supplier non-availability, Foreign Dependency, and Single Source Failure issues) throughout the Industrial Base, and direct manufacturing support of the Organic Base. Funding supports Active Component.</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>								

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<b>Exhibit P-25, Production Support and Industrial Facilities Cost Analysis:</b> PB 2014 Army						<b>Date:</b> April 2013															
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 2033A: Procurement of W&TCV, Army / BA 01: Tracked Combat Vehicles / BSA 30: Support Equipment & Facilities						<b>P-1 Line Item Nomenclature:</b> GA0050 - Production Base Support (TCV-WTCV)															
<b>Project Title:</b> Production Base Support - Lima						<b>Project Number:</b> U6037	<b>Project Category:</b> Production Support														
<b>End Item Supported Model:</b>						<b>Annual Capacity Before / After (1-8-5):</b> /															
<b>Cost Elements</b> <i>(\$ in Millions)</i>	<b>FY 2012</b>	<b>FY 2013</b>	<b>FY 2014 Base</b>	<b>FY 2014 OCO</b>	<b>FY 2014 Total</b>	<b>Facility Name:</b> Production Base Support - Lima <b>Facility Location:</b> TACOM <b>Facility Type (GOGO, GOCO, COCO):</b> GOCO															
A. Construction Cost	0.284	0.334	0.567	-	0.567	<b>Principal Milestones</b> <span style="float:right"><b>Month &amp; Year</b></span> Concept Design Complete: Final Design Complete: Initial/Final Project Award: Construction Complete: Equipment Installation Complete: Prove Out Begins: Prove Out Complete:															
B. Equipment Cost	-	-	-	-	-																
C. Equipment Installation Cost	-	-	-	-	-																
D. Contractor Support Cost	-	-	-	-	-																
E. Corps of Engineers Support Cost	-	-	-	-	-																
F. Other In-House Support Cost	-	-	-	-	-																
F. Total Facility Project Cost	-	-	-	-	-																
G. Other Costs	-	-	-	-	-	<b>Related Projects</b> <table border="1" style="width:100%; border-collapse: collapse;"> <tr> <th align="left">Project Number</th> <th align="left">Title</th> <th align="left">FY &amp; Appn</th> <th align="left">Value (\$ M)</th> <th align="left">Facing</th> <th align="left">Start Date</th> <th align="left">Compl Date</th> </tr> <tr> <td colspan="7" style="height: 40px;"> </td> </tr> </table>		Project Number	Title	FY & Appn	Value (\$ M)	Facing	Start Date	Compl Date							
Project Number	Title	FY & Appn	Value (\$ M)	Facing	Start Date			Compl Date													
Total Project Cost	0.284	0.334	0.567	-	0.567																
<b>Narrative Explanation:</b>																					

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<b>Exhibit P-25, Production Support and Industrial Facilities Cost Analysis:</b> PB 2014 Army						<b>Date:</b> April 2013															
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 2033A: Procurement of W&TCV, Army / BA 01: Tracked Combat Vehicles / BSA 30: Support Equipment & Facilities						<b>P-1 Line Item Nomenclature:</b> GA0050 - Production Base Support (TCV-WTCV)															
<b>Project Title:</b> Production Base Support - Scranton						<b>Project Number:</b> U6040	<b>Project Category:</b> Production Support														
<b>End Item Supported Model:</b>						<b>Annual Capacity Before / After (1-8-5):</b> /															
<b>Cost Elements</b> <i>(\$ in Millions)</i>	<b>FY 2012</b>	<b>FY 2013</b>	<b>FY 2014 Base</b>	<b>FY 2014 OCO</b>	<b>FY 2014 Total</b>	<b>Facility Name:</b> Production Base Support - Scranton <b>Facility Location:</b> TACOM <b>Facility Type (GOGO, GOCO, COCO):</b> COCO															
A. Construction Cost	0.189	0.222	0.377	-	0.377	<b>Principal Milestones</b> <span style="float:right"><b>Month &amp; Year</b></span> Concept Design Complete: Final Design Complete: Initial/Final Project Award: Construction Complete: Equipment Installation Complete: Prove Out Begins: Prove Out Complete:															
B. Equipment Cost	-	-	-	-	-																
C. Equipment Installation Cost	-	-	-	-	-																
D. Contractor Support Cost	-	-	-	-	-																
E. Corps of Engineers Support Cost	-	-	-	-	-																
F. Other In-House Support Cost	-	-	-	-	-																
F. Total Facility Project Cost	-	-	-	-	-																
G. Other Costs	-	-	-	-	-	<b>Related Projects</b> <table border="1" style="width:100%; border-collapse: collapse;"> <tr> <th align="left">Project Number</th> <th align="left">Title</th> <th align="left">FY &amp; Appn</th> <th align="left">Value (\$ M)</th> <th align="left">Facing</th> <th align="left">Start Date</th> <th align="left">Compl Date</th> </tr> <tr> <td colspan="7" style="height: 100px;"> </td> </tr> </table>		Project Number	Title	FY & Appn	Value (\$ M)	Facing	Start Date	Compl Date							
Project Number	Title	FY & Appn	Value (\$ M)	Facing	Start Date			Compl Date													
Total Project Cost	0.189	0.222	0.377	-	0.377																
<b>Narrative Explanation:</b>																					

**UNCLASSIFIED**

<b>Exhibit P-25, Production Support and Industrial Facilities Cost Analysis:</b> PB 2014 Army						<b>Date:</b> April 2013															
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 2033A: Procurement of W&TCV, Army / BA 01: Tracked Combat Vehicles / BSA 30: Support Equipment & Facilities						<b>P-1 Line Item Nomenclature:</b> GA0050 - Production Base Support (TCV-WTCV)															
<b>Project Title:</b> TACOM LCMC Production Base Spt Program						<b>Project Number:</b> U4282	<b>Project Category:</b> Production Support														
<b>End Item Supported Model:</b>						<b>Annual Capacity Before / After (1-8-5):</b> /															
<b>Cost Elements</b> <i>(\$ in Millions)</i>	<b>FY 2012</b>	<b>FY 2013</b>	<b>FY 2014 Base</b>	<b>FY 2014 OCO</b>	<b>FY 2014 Total</b>	<b>Facility Name:</b> TACOM LCMC Production Base Spt Program <b>Facility Location:</b> TACOM <b>Facility Type (GOGO, GOCO, COCO):</b>															
A. Construction Cost	0.600	0.589	0.600	-	0.600	<b>Principal Milestones</b> <span style="float:right"><b>Month &amp; Year</b></span> Concept Design Complete: Final Design Complete: Initial/Final Project Award: Construction Complete: Equipment Installation Complete: Prove Out Begins: Prove Out Complete:															
B. Equipment Cost	-	-	-	-	-																
C. Equipment Installation Cost	-	-	-	-	-																
D. Contractor Support Cost	-	-	-	-	-																
E. Corps of Engineers Support Cost	-	-	-	-	-																
F. Other In-House Support Cost	-	-	-	-	-																
F. Total Facility Project Cost	-	-	-	-	-																
G. Other Costs	-	-	-	-	-	<b>Related Projects</b> <table border="1" style="width:100%; border-collapse: collapse;"> <tr> <th align="left">Project Number</th> <th align="left">Title</th> <th align="left">FY &amp; Appn</th> <th align="left">Value (\$ M)</th> <th align="left">Facing</th> <th align="left">Start Date</th> <th align="left">Compl Date</th> </tr> <tr> <td colspan="7" style="height: 40px;"> </td> </tr> </table>		Project Number	Title	FY & Appn	Value (\$ M)	Facing	Start Date	Compl Date							
Project Number	Title	FY & Appn	Value (\$ M)	Facing	Start Date			Compl Date													
Total Project Cost	0.600	0.589	0.600	-	0.600																
<b>Narrative Explanation:</b>																					

# UNCLASSIFIED

**Exhibit P-40, Budget Item Justification Sheet:** PB 2014 Army **Date:** April 2013

<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 2033A: Procurement of W&TCV, Army / BA 02: Weapons and Other Combat Vehicles / BSA 10: Weapons & Other Combat Vehicles	<b>P-1 Line Item Nomenclature:</b> G16101 - Integrated Air Burst Weapon System Family
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<b>ID Code</b> (A=Service Ready, B=Not Service Ready) : B	<b>Program Elements for Code B Items:</b> 0604601A	<b>Other Related Program Elements:</b>
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**MDAP/MAIS Code(s):**

Resource Summary	Prior Years	FY 2012	FY 2013 <sup>#</sup>	FY 2014 Base	FY 2014 OCO <sup>##</sup>	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total
Procurement Quantity ( <i>Units in Each</i> )	-	-	-	1,424	-	1,424	1,863	2,140	2,293	2,781	Continuing	Continuing
Gross/Weapon System Cost ( <i>\$ in Millions</i> )	0.400	-	0.506	69.147	-	69.147	71.208	71.196	72.387	87.784	Continuing	Continuing
Less PY Advance Procurement ( <i>\$ in Millions</i> )	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) ( <i>\$ in Millions</i> )	0.400	-	0.506	69.147	-	69.147	71.208	71.196	72.387	87.784	Continuing	Continuing
Plus CY Advance Procurement ( <i>\$ in Millions</i> )	-	-	-	-	-	-	-	-	-	-	-	-
<b>Total Obligation Authority</b> ( <i>\$ in Millions</i> )	<b>0.400</b>	<b>-</b>	<b>0.506</b>	<b>69.147</b>	<b>-</b>	<b>69.147</b>	<b>71.208</b>	<b>71.196</b>	<b>72.387</b>	<b>87.784</b>	<b>Continuing</b>	<b>Continuing</b>

*(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>Units in Thousands</i> )	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost ( <i>Units in Thousands</i> )	-	-	-	48.558	-	48.558	38.222	33.269	31.569	31.566	Continuing	Continuing

<sup>#</sup> FY 2013 Program is from the FY 2013 President's Budget, submitted February 2012

<sup>##</sup> The FY 2014 OCO Request will be submitted at a later date

## Description:

The Maneuver Center of Excellence (MCoE), Ft Benning, GA (User Representative) identifies the XM25 as their number one materiel solution to mitigate a critical capability gap Counter Defilade Target Engagement (CDTE) for our Soldiers in combat (defeating defilade targets from 15-500m). The XM25 fires 25mm munitions including high-explosive airburst (HEAB) and training with future munitions that may include armor-piercing, breaching rounds, and less-than-lethal. The XM25 comes with a target acquisition/fire control that integrates thermal capability with direct-view optics, laser rangefinder, compass (cant, bearing, tilt) fuze setter, ballistic computer, and internal display. The XM25 has a 500-meter point target range and a 700-meter area target range capable of defeating defilade (hidden) targets.

Secondary Distribution		FY 2012	FY 2013	FY 2014 Base	FY 2014 OCO	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018
Army	Quantity	-	-	1,058	-	1,058	1,403	1,612	1,735	2,350
	Total Obligation Authority	-	0.506	51.543	-	51.543	53.616	53.630	59.067	74.184
ANG	Quantity	-	-	366	-	366	460	528	543	431
	Total Obligation Authority	-	-	17.604	-	17.604	17.592	17.566	12.533	13.600
AR	Quantity	-	-	-	-	-	-	-	15	-
	Total Obligation Authority	-	-	-	-	-	-	-	0.787	-

# UNCLASSIFIED

**Exhibit P-40, Budget Item Justification Sheet:** PB 2014 Army **Date:** April 2013

**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 Nomenclature:**  
G16101 - Integrated Air Burst Weapon System Family

**ID Code** (A=Service Ready, B=Not Service Ready) : B **Program Elements for Code B Items:** 0604601A **Other Related Program Elements:**

**MDAP/MAIS Code(s):**

Item Schedule		ID CD	Prior Years			FY 2012			FY 2013			FY 2014 Base			FY 2014 OCO			FY 2014 Total		
Item Nomenclature*	Exhibits		Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)
G16101 - Integrated Air Burst Weapon System Family	P5, P5A, P21	B	-	-	0.400	-	-	-	-	-	0.506	48.558	1,424	69.147	-	-	-	48.558	1,424	69.147
<b>Total Gross/Weapon System Cost</b>					<b>0.400</b>			<b>-</b>			<b>0.506</b>			<b>69.147</b>			<b>-</b>			<b>69.147</b>

Item Schedule		ID CD	FY 2015			FY 2016			FY 2017			FY 2018			To Complete			Total		
Item Nomenclature*	Exhibits		Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)
G16101 - Integrated Air Burst Weapon System Family	P5, P5A, P21	B	-	-	-	-	-	-	-	-	-	-	-	-	Continuing			Continuing		
<b>Total Gross/Weapon System Cost</b>					<b>71.208</b>			<b>71.196</b>			<b>72.387</b>			<b>87.784</b>	<b>Continuing</b>			<b>Continuing</b>		

\*Item Nomenclature represents Item Number, DODIC, and Item Name for the P40A and P5; Name for the P18 and P23; Modification Number and Modification Title for the P3A; Item Number and Item Name for the P10.

Note: Totals in this Exhibit P-40 set may not be exact or add due to rounding.

## Justification:

FY 2014 Base procurement dollars in the amount of \$69.147 million supports the Active Army and National Guard by procuring 1,424 Low Rate Initial Production (LRIP) quantities under Type Classification Limited Procurement (TC-LP) to provide the Soldier a leap-ahead technology to engage defilade targets with lethal precision. The XM25 provides the Infantry Soldier with a leap-ahead overmatch capability to defeat targets protected from observation and direct fire by natural and/or man made cover such as terrain depressions, rock formations, foxholes, vehicles, walls, buildings and battlefield rubble. The XM25 dramatically increases lethality, range, and capability through the use of a family of low-velocity cartridge 25mm ammunition.

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.

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<b>Exhibit P-5, Cost Analysis: PB 2014 Army</b>								<b>Date:</b> April 2013			
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 2033A: Procurement of W&TCV, Army / BA 02: Weapons and Other Combat Vehicles / BSA 10: Weapons & Other Combat Vehicles				<b>P-1 Line Item Nomenclature:</b> G16101 - Integrated Air Burst Weapon System Family				<b>Item Nomenclature (Item Number - Item Name, DODIC):</b> G16101 - Integrated Air Burst Weapon System Family			

Resource Summary	Prior Years	FY 2012	FY 2013 <sup>#</sup>	FY 2014 Base	FY 2014 OCO <sup>##</sup>	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total
Procurement Quantity ( <i>Units in Each</i> )	-	-	-	1,424	-	1,424	-	-	-	-	Continuing	Continuing
Gross/Weapon System Cost ( <i>\$ in Millions</i> )	0.400	-	0.506	69.147	-	69.147	-	-	-	-	Continuing	Continuing
Less PY Advance Procurement ( <i>\$ in Millions</i> )	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) ( <i>\$ in Millions</i> )	0.400	-	0.506	69.147	-	69.147	-	-	-	-	Continuing	Continuing
Plus CY Advance Procurement ( <i>\$ in Millions</i> )	-	-	-	-	-	-	-	-	-	-	-	-
<b>Total Obligation Authority (<i>\$ in Millions</i>)</b>	<b>0.400</b>	<b>-</b>	<b>0.506</b>	<b>69.147</b>	<b>-</b>	<b>69.147</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>Continuing</b>	<b>Continuing</b>

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

Initial Spares ( <i>\$ in Millions</i> )	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost ( <i>Units in Thousands</i> )	-	-	-	48.558	-	48.558	-	-	-	-	Continuing	Continuing

<sup>#</sup> FY 2013 Program is from the FY 2013 President's Budget, submitted February 2012

<sup>##</sup> The FY 2014 OCO Request will be submitted at a later date

Cost Elements († indicates the presence of a P-5A)	ID CD	All Prior Years			FY 2012			FY 2013			FY 2014 Base			FY 2014 OCO			FY 2014 Total		
		Unit Cost (\$ K)	Quantity (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Quantity (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Quantity (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Quantity (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Quantity (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Quantity (Each)	Total Cost (\$ M)
Flyaway Cost																			
Recurring Cost																			
† XM25 Manufacturing and Sys Integration		-	-	-	-	-	-	-	-	-	42.190	1,424	60.078	-	-	-	42.190	1,424	60.078
Engineering, Test and Evaluation		-	-	-	-	-	-	-	-	0.506	-	-	7.974	-	-	-	-	-	7.974
Integrated Logistics Support (ILS)		-	-	-	-	-	-	-	-	-	-	-	0.365	-	-	-	-	-	0.365
Total Package Fielding (TPF)		-	-	0.400	-	-	-	-	-	-	-	-	0.365	-	-	-	-	-	0.365
New Equipment Training (NET)		-	-	-	-	-	-	-	-	-	-	-	0.365	-	-	-	-	-	0.365
<b>Total Recurring Cost</b>				<b>0.400</b>			<b>-</b>			<b>0.506</b>			<b>69.147</b>			<b>-</b>			<b>69.147</b>
<b>Total Flyaway Cost</b>				<b>0.400</b>			<b>-</b>			<b>0.506</b>			<b>69.147</b>			<b>-</b>			<b>69.147</b>
<b>Gross Weapon System Cost</b>				<b>0.400</b>			<b>-</b>			<b>0.506</b>			<b>69.147</b>			<b>-</b>			<b>69.147</b>



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Exhibit P-5, Cost Analysis: PB 2014 Army														Date: April 2013					
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 Nomenclature: G16101 - Integrated Air Burst Weapon System Family							Item Nomenclature (Item Number - Item Name, DODIC): G16101 - Integrated Air Burst Weapon System Family					
Cost Elements († indicates the presence of a P-5A)	ID CD	FY 2015			FY 2016			FY 2017			FY 2018			To Complete			Total Cost		
		Unit Cost (\$ K )	Quantity (Each)	Total Cost (\$ M )	Unit Cost (\$ K )	Quantity (Each)	Total Cost (\$ M )	Unit Cost (\$ K )	Quantity (Each)	Total Cost (\$ M )	Unit Cost (\$ K )	Quantity (Each)	Total Cost (\$ M )	Unit Cost (\$ K )	Quantity (Each)	Total Cost (\$ M )	Unit Cost (\$ K )	Quantity (Each)	Total Cost (\$ M )
Flyaway Cost																			
Recurring Cost																			
† XM25 Manufacturing and Sys Integration		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Engineering, Test and Evaluation		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Integrated Logistics Support (ILS)		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Total Package Fielding (TPF)		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
New Equipment Training (NET)		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Total Recurring Cost				-			-			-			-			-			-
Total Flyaway Cost				-			-			-			-			-			-
Gross Weapon System Cost				-			-			-			-	Continuing			Continuing		
P-5 Remarks:																			
Secondary Distribution		FY 2012		FY 2013		FY 2014 Base		FY 2014 OCO		FY 2014 Total		FY 2015		FY 2016		FY 2017		FY 2018	
Army	Quantity	-		-		1,058		-		1,058		-		-		-		-	
	Total Obligation Authority	-		0.506		51.543		-		51.543		-		-		-		-	
ANG	Quantity	-		-		366		-		366		-		-		-		-	
	Total Obligation Authority	-		-		17.604		-		17.604		-		-		-		-	

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Exhibit P-5A, Budget Procurement History and Planning: PB 2014 Army										Date: April 2013			
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 Nomenclature: G16101 - Integrated Air Burst Weapon System Family						Item Nomenclature: G16101 - Integrated Air Burst Weapon System Family			
Cost Elements († indicates the presence of a P-21)	OCO	FY	Contractor and Location	Method/Type, or Funding Vehicle	Location of PCO	Award Date	Date of First Delivery	Qty (Each)	Unit Cost (\$ K )	Specs Avail Now?	Date Revsn Avail	RFP Issue Date	
†XM25 Manufacturing and Sys Integration		2014	Alliant Techsystems (ATK) / Plymouth	SS / FFP	ACC-APG, Aberdeen, MD	Dec 2013	Mar 2015	1,424	42.190	N			

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Exhibit P-21, Budget Production Schedule: PB 2014 Army																							Date: April 2013														
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 Nomenclature: G16101 - Integrated Air Burst Weapon System Family													Item Nomenclature: G16101 - Integrated Air Burst Weapon System Family														
Cost Elements <i>(Units in Each)</i>							Fiscal Year 2014												Fiscal Year 2015																		
O C C O	M F R #	FY	SERVICE±	PROC QTY	ACCEP PRIOR TO 1 OCT 2013	BAL DUE AS OF 1 OCT	Calendar Year 2014																		Calendar Year 2015												
							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	B A L						
XM25 Manufacturing and Sys Integration																																					
	1	2014	ARMY	1,424	-	1,424	-	-	A -	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	50	120	125	125	125	125	125	629					
							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	B A L						

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Exhibit P-21, Budget Production Schedule: PB 2014 Army																				Date: April 2013											
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 Nomenclature: G16101 - Integrated Air Burst Weapon System Family										Item Nomenclature: G16101 - Integrated Air Burst Weapon System Family											
Cost Elements <i>(Units in Each)</i>							Fiscal Year 2016										Fiscal Year 2017														
O C C O	M F R #	FY	SERVICE <sup>±</sup>	PROC QTY	ACCEP PRIOR TO 1 OCT 2015	BAL DUE AS OF 1 OCT	Calendar Year 2016										Calendar Year 2017														
							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	B A L
XM25 Manufacturing and Sys Integration																															
	1	2014	ARMY	1,424	795	629	125	125	125	125	129																				-
							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	B A L

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<b>Exhibit P-21, Budget Production Schedule:</b> PB 2014 Army		<b>Date:</b> April 2013
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 2033A: Procurement of W&TCV, Army / BA 02: Weapons and Other Combat Vehicles / BSA 10: Weapons & Other Combat Vehicles	<b>P-1 Line Item Nomenclature:</b> G16101 - Integrated Air Burst Weapon System Family	<b>Item Nomenclature:</b> G16101 - Integrated Air Burst Weapon System Family

		Production Rates (Each / Month)			Procurement Leadtime (Months)							
MFR #	MFR Name - Location	MSR	1-8-5	MAX	Initial				Reorder			
					ALT Prior to Oct 1	ALT After Oct 1	Mfg PLT	Total After Oct 1	ALT Prior to Oct 1	ALT After Oct 1	Mfg PLT	Total After Oct 1
1	Alliant Techsystems (ATK) - Plymouth	1,200.00	1,548.00	4,800.00	6	3	15	18	6	3	15	18

"A" in the Delivery Schedule indicated the Contract Award Date.

Due to space limitations, quantities in the Exhibit P-21 delivery calendar are truncated and rounded based on the maximum quantity in the calendar as follows. If the maximum quantity is less than or equal to than 99,999, all quantities are shown as each. If the maximum quantity is between 100,000 and 99,999,499 all quantities are shown in thousands (rounded to the nearest thousand). If the maximum quantity is greater than 99,999,499 all quantities are shown in millions (rounded to the nearest million).

**UNCLASSIFIED**

<b>Exhibit P-40, Budget Item Justification Sheet:</b> PB 2014 Army	<b>Date:</b> April 2013
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<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 2033A: Procurement of W&TCV, Army / BA 02: Weapons and Other Combat Vehicles / BSA 10: Weapons & Other Combat Vehicles	<b>P-1 Line Item Nomenclature:</b> GB2000 - Machine Gun, Cal .50 M2 Roll
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<b>ID Code</b> (A=Service Ready, B=Not Service Ready) : A	<b>Program Elements for Code B Items:</b>	<b>Other Related Program Elements:</b>
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**MDAP/MAIS Code(s):**

Resource Summary	Prior Years	FY 2012	FY 2013 <sup>#</sup>	FY 2014 Base	FY 2014 OCO <sup>##</sup>	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total
Procurement Quantity ( <i>Units in Each</i> )	21,580	-	-	-	-	-	-	-	-	-	-	21,580
Gross/Weapon System Cost ( <i>\$ in Millions</i> )	380.982	31.102	-	-	-	-	-	-	-	-	-	412.084
Less PY Advance Procurement ( <i>\$ in Millions</i> )	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) ( <i>\$ in Millions</i> )	380.982	31.102	-	-	-	-	-	-	-	-	-	412.084
Plus CY Advance Procurement ( <i>\$ in Millions</i> )	-	-	-	-	-	-	-	-	-	-	-	-
<b>Total Obligation Authority</b> ( <i>\$ in Millions</i> )	<b>380.982</b>	<b>31.102</b>	-	-	-	-	-	-	-	-	-	<b>412.084</b>

*(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>Units in Thousands</i> )	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost ( <i>Units in Thousands</i> )	-	-	-	-	-	-	-	-	-	-	-	-

<sup>#</sup> FY 2013 Program is from the FY 2013 President's Budget, submitted February 2012

<sup>##</sup> The FY 2014 OCO Request will be submitted at a later date

**Description:**

M2 .50 Caliber Machine Gun is an automatic, belt-fed, recoil-operated, and air-cooled crew-served weapon. It mounts on the M3 and M205 tripods and on most vehicles, and serves as an anti-personnel and anti-aircraft weapon. It is highly effective against light armored vehicles, low-and slow-flying aircraft, and small boats. The M2 provides automatic weapon suppressive fire for offensive and defensive purposes. It is capable of single-shot and automatic fire.

Secondary Distribution		FY 2012	FY 2013	FY 2014 Base	FY 2014 OCO	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018
Army	Quantity	-	-	-	-	-	-	-	-	-
	Total Obligation Authority	15.532	-	-	-	-	-	-	-	-
ANG	Quantity	-	-	-	-	-	-	-	-	-
	Total Obligation Authority	10.390	-	-	-	-	-	-	-	-
AR	Quantity	-	-	-	-	-	-	-	-	-
	Total Obligation Authority	5.180	-	-	-	-	-	-	-	-

**UNCLASSIFIED**

<b>Exhibit P-40, Budget Item Justification Sheet:</b> PB 2014 Army	<b>Date:</b> April 2013
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<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 2033A: Procurement of W&TCV, Army / BA 02: Weapons and Other Combat Vehicles / BSA 10: Weapons & Other Combat Vehicles	<b>P-1 Line Item Nomenclature:</b> GB2000 - Machine Gun, Cal .50 M2 Roll
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<b>ID Code</b> (A=Service Ready, B=Not Service Ready) : A	<b>Program Elements for Code B Items:</b>	<b>Other Related Program Elements:</b>
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**MDAP/MAIS Code(s):**

Item Schedule		ID CD	Prior Years			FY 2012			FY 2013			FY 2014 Base			FY 2014 OCO			FY 2014 Total		
Item Nomenclature*	Exhibits		Unit Cost (\$ K )	Qty (Each)	Total Cost (\$ M )	Unit Cost (\$ K )	Qty (Each)	Total Cost (\$ M )	Unit Cost (\$ K )	Qty (Each)	Total Cost (\$ M )	Unit Cost (\$ K )	Qty (Each)	Total Cost (\$ M )	Unit Cost (\$ K )	Qty (Each)	Total Cost (\$ M )	Unit Cost (\$ K )	Qty (Each)	Total Cost (\$ M )
GB2000 - Machine Gun, Cal .50 M2 Roll	P5	A	-	-	380.982	-	-	31.102	-	-	-	-	-	-	-	-	-	-	-	-
<b>Total Gross/Weapon System Cost</b>					<b>380.982</b>			<b>31.102</b>			-			-			-			-

\*Item Nomenclature represents Item Number, DODIC, and Item Name for the P40A and P5; Name for the P18 and P23; Modification Number and Modification Title for the P3A; Item Number and Item Name for the P10.

Note: Totals in this Exhibit P-40 set may not be exact or add due to rounding.

**Justification:**

No FY 2014 funding.

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-5, Cost Analysis: PB 2014 Army														Date: April 2013								
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 Nomenclature: GB2000 - Machine Gun, Cal .50 M2 Roll							Item Nomenclature (Item Number - Item Name, DODIC): GB2000 - Machine Gun, Cal .50 M2 Roll								
Resource Summary					Prior Years			FY 2012			FY 2013 <sup>#</sup>			FY 2014 Base			FY 2014 OCO <sup>##</sup>			FY 2014 Total		
Procurement Quantity (Units in Each)					-			-			-			-			-			-		
Gross/Weapon System Cost (\$ in Millions)					380.982			31.102			-			-			-			-		
Less PY Advance Procurement (\$ in Millions)					-			-			-			-			-			-		
Net Procurement (P1) (\$ in Millions)					380.982			31.102			-			-			-			-		
Plus CY Advance Procurement (\$ in Millions)					-			-			-			-			-			-		
Total Obligation Authority (\$ in Millions)					380.982			31.102			-			-			-			-		
(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)																						
Initial Spares (\$ in Millions)					-			-			-			-			-			-		
Gross/Weapon System Unit Cost (Units in Thousands)					-			-			-			-			-			-		
# FY 2013 Program is from the FY 2013 President's Budget, submitted February 2012																						
## The FY 2014 OCO Request will be submitted at a later date																						
Cost Elements († indicates the presence of a P-5A)		ID CD	All Prior Years			FY 2012			FY 2013			FY 2014 Base			FY 2014 OCO			FY 2014 Total				
			Unit Cost (\$ K)	Quantity (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Quantity (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Quantity (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Quantity (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Quantity (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Quantity (Each)	Total Cost (\$ M)		
Flyaway Cost																						
Recurring Cost																						
1. Hardware			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
M205 Lightweight Tripod			-	-	-	3.800	7,750	29.452	-	-	-	-	-	-	-	-	-	-	-			
2. Production Engineering			-	-	4.241	-	-	0.800	-	-	-	-	-	-	-	-	-	-	-			
3. Integrated Logistics Support			-	-	0.375	-	-	0.100	-	-	-	-	-	-	-	-	-	-	-			
4. Fielding			-	-	1.059	-	-	0.300	-	-	-	-	-	-	-	-	-	-	-			
5. First Destination Transportation			-	-	1.125	-	-	0.150	-	-	-	-	-	-	-	-	-	-	-			
6. Engineering Studies			-	-	1.027	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
7. New Equipment Training			-	-	-	-	-	0.300	-	-	-	-	-	-	-	-	-	-	-			
Total Recurring Cost					7.827			31.102			-			-			-		-			
Total Flyaway Cost					7.827			31.102			-			-			-		-			
Gross Weapon System Cost					380.982			31.102			-			-			-		-			
P-5 Remarks:																						



**UNCLASSIFIED**

<b>Exhibit P-5, Cost Analysis:</b> PB 2014 Army					<b>Date:</b> April 2013	
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 2033A: Procurement of W&TCV, Army / BA 02: Weapons and Other Combat Vehicles / BSA 10: Weapons & Other Combat Vehicles		<b>P-1 Line Item Nomenclature:</b> GB2000 - Machine Gun, Cal .50 M2 Roll			<b>Item Nomenclature</b> ( <i>Item Number - Item Name, DODIC</i> ): GB2000 - Machine Gun, Cal .50 M2 Roll	
<b>Secondary Distribution</b>		<b>FY 2012</b>	<b>FY 2013</b>	<b>FY 2014 Base</b>	<b>FY 2014 OCO</b>	<b>FY 2014 Total</b>
Army	Quantity	-	-	-	-	-
	Total Obligation Authority	15.532	-	-	-	-
ANG	Quantity	-	-	-	-	-
	Total Obligation Authority	10.390	-	-	-	-
AR	Quantity	-	-	-	-	-
	Total Obligation Authority	5.180	-	-	-	-

**UNCLASSIFIED**

<b>Exhibit P-40, Budget Item Justification Sheet:</b> PB 2014 Army										<b>Date:</b> April 2013		
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 2033A: Procurement of W&TCV, Army / BA 02: Weapons and Other Combat Vehicles / BSA 10: Weapons & Other Combat Vehicles							<b>P-1 Line Item Nomenclature:</b> G12800 - Lightweight .50 Caliber Machine Gun					
<b>ID Code</b> (A=Service Ready, B=Not Service Ready) : B				<b>Program Elements for Code B Items:</b> 0604601A				<b>Other Related Program Elements:</b>				
<b>MDAP/MAIS Code(s):</b>												
<b>Resource Summary</b>	<b>Prior Years</b>	<b>FY 2012</b>	<b>FY 2013<sup>#</sup></b>	<b>FY 2014 Base</b>	<b>FY 2014 OCO<sup>##</sup></b>	<b>FY 2014 Total</b>	<b>FY 2015</b>	<b>FY 2016</b>	<b>FY 2017</b>	<b>FY 2018</b>	<b>To Complete</b>	<b>Total</b>
Procurement Quantity <i>(Units in Each)</i>	-	-	610	-	-	-	-	-	-	-	-	610
Gross/Weapon System Cost <i>(\$ in Millions)</i>	-	-	25.183	-	-	-	-	-	-	-	-	25.183
Less PY Advance Procurement <i>(\$ in Millions)</i>	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) <i>(\$ in Millions)</i>	-	-	25.183	-	-	-	-	-	-	-	-	25.183
Plus CY Advance Procurement <i>(\$ in Millions)</i>	-	-	-	-	-	-	-	-	-	-	-	-
<b>Total Obligation Authority</b> <i>(\$ in Millions)</i>	-	-	<b>25.183</b>	-	-	-	-	-	-	-	-	<b>25.183</b>
<i>(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)</i>												
Initial Spares <i>(\$ in Millions)</i>	-	-	-	-	-	-	-	-	-	-	-	-
Flyaway Unit Cost <i>(Units in Thousands)</i>	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost <i>(Units in Thousands)</i>	-	-	-	-	-	-	-	-	-	-	-	-
<sup>#</sup> FY 2013 Program is from the FY 2013 President's Budget, submitted February 2012 <sup>##</sup> The FY 2014 OCO Request will be submitted at a later date <b>Description:</b> The Lightweight .50 Caliber (Cal) Machine Gun (MG) system (to include the M205 Tripod) meets the U.S. Army requirement for a Lightweight Enhanced .50 Caliber MG. This weapon enables the Soldier to effectively suppress and incapacitate exposed personnel targets out to 2,000 meters and provide the capability to defeat lightly armored vehicles out to 1,500 meters. The weapon system increases the warfighter's lethality while significantly reducing tactical load and supportability costs. By augmenting the 75-year-old M2 Machine Gun Fleet, the Army achieves significant reductions in weight and recoil force. The new Lightweight .50 Cal MG is 40% lighter than the M2 with a recoil reduction of 60% over the M2 Machine Gun. Safety will be improved by eliminating manual adjustment of headspace and timing. This line also funds other accessories such as the Multiple Integrated Laser Engagement System (MILES), Engagement Skills Trainer 2000 (EST 2000), blank ammunition firing adapter, and weapon cradle. Type Classification - Limited Production and Milestone C were achieved June 2012. The termination plan was approved by the Army Acquisition Executive on 27 September 2012. Termination activities are on going.												
<b>Secondary Distribution</b>		<b>FY 2012</b>	<b>FY 2013</b>	<b>FY 2014 Base</b>	<b>FY 2014 OCO</b>	<b>FY 2014 Total</b>	<b>FY 2015</b>	<b>FY 2016</b>	<b>FY 2017</b>	<b>FY 2018</b>		
Army	Quantity	-	395	-	-	-	-	-	-	-	-	
	Total Obligation Authority	-	16.621	-	-	-	-	-	-	-		
ANG	Quantity	-	215	-	-	-	-	-	-	-	-	
	Total Obligation Authority	-	8.562	-	-	-	-	-	-	-		

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**Exhibit P-40, Budget Item Justification Sheet:** PB 2014 Army **Date:** April 2013

<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 2033A: Procurement of W&TCV, Army / BA 02: Weapons and Other Combat Vehicles / BSA 10: Weapons & Other Combat Vehicles	<b>P-1 Line Item Nomenclature:</b> G12800 - Lightweight .50 Caliber Machine Gun
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<b>ID Code</b> (A=Service Ready, B=Not Service Ready) : B	<b>Program Elements for Code B Items:</b> 0604601A	<b>Other Related Program Elements:</b>
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**MDAP/MAIS Code(s):**

Item Schedule		ID CD	Prior Years			FY 2012			FY 2013			FY 2014 Base			FY 2014 OCO			FY 2014 Total		
Item Nomenclature*	Exhibits		Unit Cost (\$ K )	Qty (Each)	Total Cost (\$ M )	Unit Cost (\$ K )	Qty (Each)	Total Cost (\$ M )	Unit Cost (\$ K )	Qty (Each)	Total Cost (\$ M )	Unit Cost (\$ K )	Qty (Each)	Total Cost (\$ M )	Unit Cost (\$ K )	Qty (Each)	Total Cost (\$ M )	Unit Cost (\$ K )	Qty (Each)	Total Cost (\$ M )
G12800 - Lightweight .50 Caliber Machine Gun	P5, P5A, P21	B	-	-	-	-	-	-	-	610	25.183	-	-	-	-	-	-	-	-	-
<b>Total Gross/Weapon System Cost</b>					-			-			25.183			-			-			-

\*Item Nomenclature represents Item Number, DODIC, and Item Name for the P40A and P5; Name for the P18 and P23; Modification Number and Modification Title for the P3A; Item Number and Item Name for the P10.

Note: Totals in this Exhibit P-40 set may not be exact or add due to rounding.

**Justification:**

No FY 2014 funding.

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**

<b>Exhibit P-5, Cost Analysis: PB 2014 Army</b>					<b>Date:</b> April 2013	
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 2033A: Procurement of W&TCV, Army / BA 02: Weapons and Other Combat Vehicles / BSA 10: Weapons & Other Combat Vehicles			<b>P-1 Line Item Nomenclature:</b> G12800 - Lightweight .50 Caliber Machine Gun			<b>Item Nomenclature (Item Number - Item Name, DODIC):</b> G12800 - Lightweight .50 Caliber Machine Gun

Resource Summary	Prior Years	FY 2012	FY 2013 <sup>#</sup>	FY 2014 Base	FY 2014 OCO <sup>##</sup>	FY 2014 Total
Procurement Quantity (Units in Each)	-	-	610	-	-	-
Gross/Weapon System Cost (\$ in Millions)	-	-	25.183	-	-	-
Less PY Advance Procurement (\$ in Millions)	-	-	-	-	-	-
Net Procurement (P1) (\$ in Millions)	-	-	25.183	-	-	-
Plus CY Advance Procurement (\$ in Millions)	-	-	-	-	-	-
<b>Total Obligation Authority (\$ in Millions)</b>	-	-	<b>25.183</b>	-	-	-

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

Initial Spares (\$ in Millions)	-	-	-	-	-	-
Gross/Weapon System Unit Cost (Units in Thousands)	-	-	-	-	-	-

<sup>#</sup> FY 2013 Program is from the FY 2013 President's Budget, submitted February 2012

<sup>##</sup> The FY 2014 OCO Request will be submitted at a later date

Cost Elements († indicates the presence of a P-5A)	ID CD	All Prior Years			FY 2012			FY 2013			FY 2014 Base			FY 2014 OCO			FY 2014 Total		
		Unit Cost (\$ K)	Quantity (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Quantity (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Quantity (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Quantity (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Quantity (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Quantity (Each)	Total Cost (\$ M)
Flyaway Cost																			
Recurring Cost																			
† 1. Lightweight .50 Cal Machine Gun Sys		-	-	-	-	-	-	37.200	610	22.683	-	-	-	-	-	-	-	-	-
2. Training Device		-	-	-	-	-	-	7.500	40	0.300	-	-	-	-	-	-	-	-	-
3. Engagement Skills Trainer 2000		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
4. Engineering Support		-	-	-	-	-	-	-	-	1.800	-	-	-	-	-	-	-	-	-
5. Integrated Logistics Support		-	-	-	-	-	-	-	-	0.050	-	-	-	-	-	-	-	-	-
6. New Equipment Training		-	-	-	-	-	-	-	-	0.100	-	-	-	-	-	-	-	-	-
7. Total Package Fielding		-	-	-	-	-	-	-	-	0.200	-	-	-	-	-	-	-	-	-
8. First Destination Transportation		-	-	-	-	-	-	-	-	0.050	-	-	-	-	-	-	-	-	-
Total Recurring Cost				-			-			25.183			-			-			-
Total Flyaway Cost				-			-			25.183			-			-			-
<b>Gross Weapon System Cost</b>				-			-			<b>25.183</b>			-			-			-

**P-5 Remarks:**

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<b>Exhibit P-5, Cost Analysis:</b> PB 2014 Army			<b>Date:</b> April 2013		
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 2033A: Procurement of W&TCV, Army / BA 02: Weapons and Other Combat Vehicles / BSA 10: Weapons & Other Combat Vehicles		<b>P-1 Line Item Nomenclature:</b> G12800 - Lightweight .50 Caliber Machine Gun		<b>Item Nomenclature</b> ( <i>Item Number - Item Name, DODIC</i> ): G12800 - Lightweight .50 Caliber Machine Gun	

Secondary Distribution		FY 2012	FY 2013	FY 2014 Base	FY 2014 OCO	FY 2014 Total
Army	Quantity	-	395	-	-	-
	Total Obligation Authority	-	16.621	-	-	-
ANG	Quantity	-	215	-	-	-
	Total Obligation Authority	-	8.562	-	-	-

**UNCLASSIFIED**

Exhibit P-5A, Budget Procurement History and Planning: PB 2014 Army									Date: April 2013			
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 Nomenclature: G12800 - Lightweight .50 Caliber Machine Gun					Item Nomenclature: G12800 - Lightweight .50 Caliber Machine Gun			
Cost Elements († indicates the presence of a P-21)	O C O	FY	Contractor and Location	Method/Type, or Funding Vehicle	Location of PCO	Award Date	Date of First Delivery	Qty (Each)	Unit Cost (\$ K )	Specs Avail Now?	Date Revsn Avail	RFP Issue Date
†1. Lightweight .50 Cal Machine Gun Sys		2013	Gen Dyn Arm Tech Prod (GDATP) / Williston VT	SS / FFP	ACC-Picatinny, Picatinny, NJ	Mar 2013	May 2014	610	37.200	N	Apr 2012	
Remarks: The termination plan was approved by the Army Acquisition Executive on 27 September 2012. Termination activities are on going.												

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Exhibit P-21, Budget Production Schedule: PB 2014 Army																						Date: April 2013											
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 Nomenclature: G12800 - Lightweight .50 Caliber Machine Gun												Item Nomenclature: G12800 - Lightweight .50 Caliber Machine Gun											
Cost Elements (Units in Each)							Fiscal Year 2013												Fiscal Year 2014														
O C C O	M F R #	FY	SERVICE±	PROC QTY	ACCEP PRIOR TO 1 OCT 2012	BAL DUE AS OF 1 OCT	Calendar Year 2013												Calendar Year 2014														
							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	B A L		
1. Lightweight .50 Cal Machine Gun Sys																																	
	1	2013	ARMY	610	-	610	-	-	-	-	-	A -	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	50	50	50	50	50	360
							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	B A L		

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Exhibit P-21, Budget Production Schedule: PB 2014 Army																				Date: April 2013											
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 Nomenclature: G12800 - Lightweight .50 Caliber Machine Gun										Item Nomenclature: G12800 - Lightweight .50 Caliber Machine Gun											
Cost Elements (Units in Each)							Fiscal Year 2015										Fiscal Year 2016														
O C C O	M F R #	FY	SERVICE±	PROC QTY	ACCEP PRIOR TO 1 OCT 2014	BAL DUE AS OF 1 OCT	Calendar Year 2015										Calendar Year 2016										B A L				
							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. Lightweight .50 Cal Machine Gun Sys																															
	1	2013	ARMY	610	250	360	50	50	50	50	50	50	60																	-	
							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	B A L



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<b>Exhibit P-21, Budget Production Schedule:</b> PB 2014 Army		<b>Date:</b> April 2013
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 2033A: Procurement of W&TCV, Army / BA 02: Weapons and Other Combat Vehicles / BSA 10: Weapons & Other Combat Vehicles	<b>P-1 Line Item Nomenclature:</b> G12800 - Lightweight .50 Caliber Machine Gun	<b>Item Nomenclature:</b> G12800 - Lightweight .50 Caliber Machine Gun

		Production Rates (Each / Month)			Procurement Leadtime (Months)							
MFR #	MFR Name - Location	MSR	1-8-5	MAX	Initial				Reorder			
					ALT Prior to Oct 1	ALT After Oct 1	Mfg PLT	Total After Oct 1	ALT Prior to Oct 1	ALT After Oct 1	Mfg PLT	Total After Oct 1
1	Gen Dyn Arm Tech Prod (GDATP) - Williston VT	300.00	2,400.00	4,800.00	5	6	14	20	3	5	15	20

"A" in the Delivery Schedule indicated the Contract Award Date.

Due to space limitations, quantities in the Exhibit P-21 delivery calendar are truncated and rounded based on the maximum quantity in the calendar as follows. If the maximum quantity is less than or equal to than 99,999, all quantities are shown as each. If the maximum quantity is between 100,000 and 99,999,499 all quantities are shown in thousands (rounded to the nearest thousand). If the maximum quantity is greater than 99,999,499 all quantities are shown in millions (rounded to the nearest million).

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<b>Exhibit P-40, Budget Item Justification Sheet:</b> PB 2014 Army										<b>Date:</b> April 2013										
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 2033A: Procurement of W&TCV, Army / BA 02: Weapons and Other Combat Vehicles / BSA 10: Weapons & Other Combat Vehicles							<b>P-1 Line Item Nomenclature:</b> G02200 - Mortar Systems													
<b>ID Code</b> (A=Service Ready, B=Not Service Ready) :				<b>Program Elements for Code B Items:</b>					<b>Other Related Program Elements:</b>											
<b>MDAP/MAIS Code(s):</b>																				
<b>Resource Summary</b>	<b>Prior Years</b>	<b>FY 2012</b>	<b>FY 2013<sup>#</sup></b>	<b>FY 2014 Base</b>	<b>FY 2014 OCO<sup>##</sup></b>	<b>FY 2014 Total</b>	<b>FY 2015</b>	<b>FY 2016</b>	<b>FY 2017</b>	<b>FY 2018</b>	<b>To Complete</b>	<b>Total</b>								
Procurement Quantity <i>(Units in Each)</i>	-	70	-	-	-	-	-	-	-	-	-	70								
Gross/Weapon System Cost <i>(\$ in Millions)</i>	313.454	10.177	8.104	5.310	-	5.310	5.066	5.070	-	-	-	347.181								
Less PY Advance Procurement <i>(\$ in Millions)</i>	-	-	-	-	-	-	-	-	-	-	-	-								
Net Procurement (P1) <i>(\$ in Millions)</i>	313.454	10.177	8.104	5.310	-	5.310	5.066	5.070	-	-	-	347.181								
Plus CY Advance Procurement <i>(\$ in Millions)</i>	-	-	-	-	-	-	-	-	-	-	-	-								
<b>Total Obligation Authority</b> <i>(\$ in Millions)</i>	<b>313.454</b>	<b>10.177</b>	<b>8.104</b>	<b>5.310</b>	<b>-</b>	<b>5.310</b>	<b>5.066</b>	<b>5.070</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>347.181</b>								
<i>(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)</i>																				
Initial Spares <i>(\$ in Millions)</i>	-	-	-	-	-	-	-	-	-	-	-	-								
Flyaway Unit Cost <i>(Units in Thousands)</i>	-	-	-	-	-	-	-	-	-	-	-	-								
Gross/Weapon System Unit Cost <i>(Units in Thousands)</i>	-	145.386	-	-	-	-	-	-	-	-	-	4.960								
<sup>#</sup> FY 2013 Program is from the FY 2013 President's Budget, submitted February 2012 <sup>##</sup> The FY 2014 OCO Request will be submitted at a later date <b>Description:</b> Mortar Systems includes the production of 60mm Light Weight M224/A1; 81mm Light Weight M252/A1; and 120mm M120A1/M121 Mortar Weapon Systems and includes production of associated equipment 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.																				
<b>Secondary Distribution</b>		<b>FY 2012</b>	<b>FY 2013</b>	<b>FY 2014 Base</b>	<b>FY 2014 OCO</b>	<b>FY 2014 Total</b>	<b>FY 2015</b>	<b>FY 2016</b>	<b>FY 2017</b>	<b>FY 2018</b>										
Army	Quantity	70	-	-	-	-	-	-	-	-										
	Total Obligation Authority	6.537	6.104	3.810	-	3.810	3.566	3.570	-	-										
ANG	Quantity	-	-	-	-	-	-	-	-	-										
	Total Obligation Authority	3.640	2.000	1.500	-	1.500	1.500	1.500	-	-										
<b>Item Schedule</b>		<b>Prior Years</b>			<b>FY 2012</b>			<b>FY 2013</b>			<b>FY 2014 Base</b>			<b>FY 2014 OCO</b>			<b>FY 2014 Total</b>			
<b>Item Nomenclature*</b>	<b>Exhibits</b>	<b>ID CD</b>	<b>Unit Cost (\$ K)</b>	<b>Qty (Each)</b>	<b>Total Cost (\$ M)</b>	<b>Unit Cost (\$ K)</b>	<b>Qty (Each)</b>	<b>Total Cost (\$ M)</b>	<b>Unit Cost (\$ K)</b>	<b>Qty (Each)</b>	<b>Total Cost (\$ M)</b>	<b>Unit Cost (\$ K)</b>	<b>Qty (Each)</b>	<b>Total Cost (\$ M)</b>	<b>Unit Cost (\$ K)</b>	<b>Qty (Each)</b>	<b>Total Cost (\$ M)</b>	<b>Unit Cost (\$ K)</b>	<b>Qty (Each)</b>	<b>Total Cost (\$ M)</b>
G02200 - Mortar Systems	P5, P5A, P21		-	-	313.454	-	70	10.177	-	-	8.104	-	-	5.310	-	-	-	-	-	5.310

## UNCLASSIFIED

<b>Exhibit P-40, Budget Item Justification Sheet:</b> PB 2014 Army																<b>Date:</b> April 2013					
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 2033A: Procurement of W&TCV, Army / BA 02: Weapons and Other Combat Vehicles / BSA 10: Weapons & Other Combat Vehicles											<b>P-1 Line Item Nomenclature:</b> G02200 - Mortar Systems										
<b>ID Code</b> (A=Service Ready, B=Not Service Ready) :						<b>Program Elements for Code B Items:</b>						<b>Other Related Program Elements:</b>									
<b>MDAP/MAIS Code(s):</b>																					
<b>Item Schedule</b>		<b>ID CD</b>	<b>Prior Years</b>			<b>FY 2012</b>			<b>FY 2013</b>			<b>FY 2014 Base</b>			<b>FY 2014 OCO</b>			<b>FY 2014 Total</b>			
<b>Item Nomenclature*</b>	<b>Exhibits</b>		<b>Unit Cost (\$ K )</b>	<b>Qty (Each)</b>	<b>Total Cost (\$ M )</b>	<b>Unit Cost (\$ K )</b>	<b>Qty (Each)</b>	<b>Total Cost (\$ M )</b>	<b>Unit Cost (\$ K )</b>	<b>Qty (Each)</b>	<b>Total Cost (\$ M )</b>	<b>Unit Cost (\$ K )</b>	<b>Qty (Each)</b>	<b>Total Cost (\$ M )</b>	<b>Unit Cost (\$ K )</b>	<b>Qty (Each)</b>	<b>Total Cost (\$ M )</b>	<b>Unit Cost (\$ K )</b>	<b>Qty (Each)</b>	<b>Total Cost (\$ M )</b>	
<b>Total Gross/Weapon System Cost</b>				313.454			10.177			8.104			5.310			-			5.310		
<p>*Item Nomenclature represents Item Number, DODIC, and Item Name for the P40A and P5; Name for the P18 and P23; Modification Number and Modification Title for the P3A; Item Number and Item Name for the P10.</p> <p>Note: Totals in this Exhibit P-40 set may not be exact or add due to rounding.</p> <p><b>Justification:</b> FY 2014 Base procurement dollars in the amount of \$5.310 million supports the procurement of 132 60mm Direct Lay Sights (DLS), 20 M1101 Trailers and 650 Round Counters and production support costs for production, staging, and new equipment training. These systems support requirements for lightweight 60mm and 81mm mortars for Infantry and Stryker Brigade Combat team and Special Forces.</p>																					

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<b>Exhibit P-5, Cost Analysis: PB 2014 Army</b>					<b>Date:</b> April 2013	
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 2033A: Procurement of W&TCV, Army / BA 02: Weapons and Other Combat Vehicles / BSA 10: Weapons & Other Combat Vehicles			<b>P-1 Line Item Nomenclature:</b> G02200 - Mortar Systems		<b>Item Nomenclature (Item Number - Item Name, DODIC):</b> G02200 - Mortar Systems	

<b>Resource Summary</b>	<b>Prior Years</b>	<b>FY 2012</b>	<b>FY 2013<sup>#</sup></b>	<b>FY 2014 Base</b>	<b>FY 2014 OCO<sup>##</sup></b>	<b>FY 2014 Total</b>
Procurement Quantity (Units in Each)	-	70	-	-	-	-
Gross/Weapon System Cost (\$ in Millions)	313.454	10.177	8.104	5.310	-	5.310
Less PY Advance Procurement (\$ in Millions)	-	-	-	-	-	-
Net Procurement (P1) (\$ in Millions)	313.454	10.177	8.104	5.310	-	5.310
Plus CY Advance Procurement (\$ in Millions)	-	-	-	-	-	-
<b>Total Obligation Authority (\$ in Millions)</b>	<b>313.454</b>	<b>10.177</b>	<b>8.104</b>	<b>5.310</b>	<b>-</b>	<b>5.310</b>

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

Initial Spares (\$ in Millions)	-	-	-	-	-	-
Gross/Weapon System Unit Cost (Units in Thousands)	-	145.386	-	-	-	-

<sup>#</sup> FY 2013 Program is from the FY 2013 President's Budget, submitted February 2012

<sup>##</sup> The FY 2014 OCO Request will be submitted at a later date

<b>Cost Elements</b> († indicates the presence of a P-5A)	<b>ID CD</b>	<b>All Prior Years</b>			<b>FY 2012</b>			<b>FY 2013</b>			<b>FY 2014 Base</b>			<b>FY 2014 OCO</b>			<b>FY 2014 Total</b>		
		<b>Unit Cost (\$ K)</b>	<b>Quantity (Each)</b>	<b>Total Cost (\$ M)</b>	<b>Unit Cost (\$ K)</b>	<b>Quantity (Each)</b>	<b>Total Cost (\$ M)</b>	<b>Unit Cost (\$ K)</b>	<b>Quantity (Each)</b>	<b>Total Cost (\$ M)</b>	<b>Unit Cost (\$ K)</b>	<b>Quantity (Each)</b>	<b>Total Cost (\$ M)</b>	<b>Unit Cost (\$ K)</b>	<b>Quantity (Each)</b>	<b>Total Cost (\$ M)</b>	<b>Unit Cost (\$ K)</b>	<b>Quantity (Each)</b>	<b>Total Cost (\$ M)</b>
Flyaway Cost																			
Recurring Cost																			
† 60mm Cannon Tubes		-	-	-	25.000	70	1.750	-	-	-	-	-	-	-	-	-	-	-	-
† 60mm Baseplates		-	-	-	5.000	70	0.350	-	-	-	-	-	-	-	-	-	-	-	-
† 60mm M8A1 Baseplate		-	-	-	5.000	571	2.855	-	-	-	-	-	-	-	-	-	-	-	-
† 60mm Bipods		-	-	-	5.000	70	0.350	-	-	-	-	-	-	-	-	-	-	-	-
† 60mm Basic Issue / Direct Support Tools		-	-	-	1.000	88	0.088	-	-	-	-	-	-	-	-	-	-	-	-
† 60mm Direct Lay Sight		-	-	-	-	-	-	7.000	410	2.870	7.000	132	0.924	-	-	-	7.000	132	0.924
† M67 Sight Units		-	-	-	4.000	70	0.280	-	-	-	-	-	-	-	-	-	-	-	-
† M1101 Trailers		-	-	-	-	-	-	10.000	48	0.480	10.000	20	0.200	-	-	-	10.000	20	0.200
† Round Counter		-	-	-	-	-	-	1.000	650	0.650	1.000	650	0.650	-	-	-	1.000	650	0.650
Production Engineering		-	-	-	-	-	2.023	-	-	2.160	-	-	2.000	-	-	-	-	-	2.000
Proof and Acceptance		-	-	-	-	-	0.250	-	-	0.234	-	-	0.200	-	-	-	-	-	0.200
Government ILS		-	-	-	-	-	0.500	-	-	0.350	-	-	0.325	-	-	-	-	-	0.325
Staging		-	-	-	-	-	0.500	-	-	0.500	-	-	0.450	-	-	-	-	-	0.450
Shipping		-	-	-	-	-	0.356	-	-	-	-	-	-	-	-	-	-	-	-
Operations and New Equipment Training		-	-	-	-	-	0.665	-	-	0.860	-	-	0.561	-	-	-	-	-	0.561

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<b>Exhibit P-5, Cost Analysis:</b> PB 2014 Army														<b>Date:</b> April 2013					
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 2033A: Procurement of W&TCV, Army / BA 02: Weapons and Other Combat Vehicles / BSA 10: Weapons & Other Combat Vehicles							<b>P-1 Line Item Nomenclature:</b> G02200 - Mortar Systems							<b>Item Nomenclature (Item Number - Item Name, DODIC):</b> G02200 - Mortar Systems					

Cost Elements († indicates the presence of a P-5A)	ID CD	All Prior Years			FY 2012			FY 2013			FY 2014 Base			FY 2014 OCO			FY 2014 Total		
		Unit Cost (\$ K )	Quantity (Each)	Total Cost (\$ M )	Unit Cost (\$ K )	Quantity (Each)	Total Cost (\$ M )	Unit Cost (\$ K )	Quantity (Each)	Total Cost (\$ M )	Unit Cost (\$ K )	Quantity (Each)	Total Cost (\$ M )	Unit Cost (\$ K )	Quantity (Each)	Total Cost (\$ M )	Unit Cost (\$ K )	Quantity (Each)	Total Cost (\$ M )
First Article Test (BII and Baseplates)		-	-	-	-	-	0.210	-	-	-	-	-	-	-	-	-	-	-	-
Total Recurring Cost				-			10.177			8.104			5.310			-			5.310
Total Flyaway Cost				-			10.177			8.104			5.310			-			5.310
Gross Weapon System Cost				313.454			10.177			8.104			5.310			-			5.310

**P-5 Remarks:**

Secondary Distribution		FY 2012	FY 2013	FY 2014 Base	FY 2014 OCO	FY 2014 Total
Army	Quantity	70	-	-	-	-
	Total Obligation Authority	6.537	6.104	3.810	-	3.810
ANG	Quantity	-	-	-	-	-
	Total Obligation Authority	3.640	2.000	1.500	-	1.500

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<b>Exhibit P-5A, Budget Procurement History and Planning:</b> PB 2014 Army									<b>Date:</b> April 2013		
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 2033A: Procurement of W&TCV, Army / BA 02: Weapons and Other Combat Vehicles / BSA 10: Weapons & Other Combat Vehicles				<b>P-1 Line Item Nomenclature:</b> G02200 - Mortar Systems					<b>Item Nomenclature:</b> G02200 - Mortar Systems		

<b>Cost Elements</b> († indicates the presence of a P-21)	<b>O C O</b>	<b>FY</b>	<b>Contractor and Location</b>	<b>Method/Type, or Funding Vehicle</b>	<b>Location of PCO</b>	<b>Award Date</b>	<b>Date of First Delivery</b>	<b>Qty (Each)</b>	<b>Unit Cost (\$ K.)</b>	<b>Specs Avail Now?</b>	<b>Date Revsn Avail</b>	<b>RFP Issue Date</b>
†60mm Cannon Tubes		2012	Watervliet Arsenal / Watervliet, NY	PO	Watervliet Arsenal, NY	Mar 2012	Mar 2013	70	25.000	Y		
60mm Baseplates		2012	Arlington Machine Tool / Fairfield, NJ	C / FP	Picatinny Arsenal, NJ	Mar 2012	Mar 2013	70	5.000	Y		
60mm M8A1 Baseplate		2012	Watervliet Arsenal / Watervliet, NY	PO	Watervliet Arsenal, NY	Sep 2012	Jul 2014	571	5.000	Y		
60mm Bipods		2012	MaTech / Salisbury, MD	C / FP	Picatinny Arsenal, NJ	Mar 2012	Mar 2013	70	5.000	Y		
60mm Basic Issue / Direct Support Tools		2012	Savit / Connect Corp / Parsippany, NJ / Irvine, CA	C / FP	Picatinny Arsenal, NJ	Jan 2012	Jan 2013	88	1.000	Y		
60mm Direct Lay Sight		2013	TBS / TBS	C / FP	Picatinny Arsenal, NJ	Jun 2013	Jul 2014	410	7.000	Y		
60mm Direct Lay Sight		2014	TBS / TBS	C / FP	Picatinny Arsenal, NJ	Dec 2013	Dec 2014	132	7.000	Y		
M67 Sight Units		2012	Savit / Connect Corp / Parsippany, NJ / Irvine, CA	C / FP	Picatinny Arsenal, NJ	Mar 2012	Feb 2013	70	4.000	Y		
M1101 Trailers		2013	PM LT TV / Warren, MI	C / FP	Warren, MI	Feb 2013	Feb 2014	48	10.000	Y		
M1101 Trailers		2014	PM LT TV / Warren, MI	C / FP	Warren, MI	Feb 2014	Feb 2015	20	10.000	Y		
Round Counter		2013	TBS / TBS	C / FP	Picatinny Arsenal, NJ	Jun 2013	Feb 2014	650	1.000	Y		
Round Counter		2014	TBS / TBS	C / FP	Picatinny Arsenal, NJ	Mar 2014	Feb 2015	650	1.000	Y		

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Exhibit P-21, Budget Production Schedule: PB 2014 Army																								Date: April 2013									
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 Nomenclature: G02200 - Mortar Systems														Item Nomenclature: G02200 - Mortar Systems									
Cost Elements (Units in Each)							Fiscal Year 2012														Fiscal Year 2013												
O C C O	M F R #	FY	SERVICE‡	PROC QTY	ACCEP PRIOR TO 1 OCT 2011	BAL DUE AS OF 1 OCT	Calendar Year 2012														Calendar Year 2013												
							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	B A L		
60mm Cannon Tubes																																	
	1	2012	ARMY	70	-	70	-	-	-	-	-	A -	-	-	-	-	-	-	-	-	-	-	-	-	-	30	30	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	B A L		

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<b>Exhibit P-21, Budget Production Schedule:</b> PB 2014 Army		<b>Date:</b> April 2013
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 2033A: Procurement of W&TCV, Army / BA 02: Weapons and Other Combat Vehicles / BSA 10: Weapons & Other Combat Vehicles	<b>P-1 Line Item Nomenclature:</b> G02200 - Mortar Systems	<b>Item Nomenclature:</b> G02200 - Mortar Systems

		Production Rates (Each / Month)			Procurement Leadtime (Months)							
MFR #	MFR Name - Location	MSR	1-8-5	MAX	Initial				Reorder			
					ALT Prior to Oct 1	ALT After Oct 1	Mfg PLT	Total After Oct 1	ALT Prior to Oct 1	ALT After Oct 1	Mfg PLT	Total After Oct 1
1	Watervliet Arsenal - Watervliet, NY	10.00	50.00	110.00	6	8	12	20	3	6	12	18

"A" in the Delivery Schedule indicated the Contract Award Date.

Due to space limitations, quantities in the Exhibit P-21 delivery calendar are truncated and rounded based on the maximum quantity in the calendar as follows. If the maximum quantity is less than or equal to than 99,999, all quantities are shown as each. If the maximum quantity is between 100,000 and 99,999,499 all quantities are shown in thousands (rounded to the nearest thousand). If the maximum quantity is greater than 99,999,499 all quantities are shown in millions (rounded to the nearest million).



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<b>Exhibit P-40, Budget Item Justification Sheet:</b> PB 2014 Army										<b>Date:</b> April 2013		
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 2033A: Procurement of W&TCV, Army / BA 02: Weapons and Other Combat Vehicles / BSA 10: Weapons & Other Combat Vehicles							<b>P-1 Line Item Nomenclature:</b> G01501 - XM320 Grenade Launcher Module (GLM)					
<b>ID Code</b> (A=Service Ready, B=Not Service Ready) : A				<b>Program Elements for Code B Items:</b>				<b>Other Related Program Elements:</b>				
<b>MDAP/MAIS Code(s):</b>												
<b>Resource Summary</b>	<b>Prior Years</b>	<b>FY 2012</b>	<b>FY 2013<sup>#</sup></b>	<b>FY 2014 Base</b>	<b>FY 2014 OCO<sup>##</sup></b>	<b>FY 2014 Total</b>	<b>FY 2015</b>	<b>FY 2016</b>	<b>FY 2017</b>	<b>FY 2018</b>	<b>To Complete</b>	<b>Total</b>
Procurement Quantity ( <i>Units in Each</i> )	44,014	2,954	2,280	5,061	-	5,061	7,615	5,855	5,444	12,818	Continuing	Continuing
Gross/Weapon System Cost ( <i>\$ in Millions</i> )	135.137	12.055	14.096	24.049	-	24.049	35.796	29.873	27.939	23.941	Continuing	Continuing
Less PY Advance Procurement ( <i>\$ in Millions</i> )	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) ( <i>\$ in Millions</i> )	135.137	12.055	14.096	24.049	-	24.049	35.796	29.873	27.939	23.941	Continuing	Continuing
Plus CY Advance Procurement ( <i>\$ in Millions</i> )	-	-	-	-	-	-	-	-	-	-	-	-
<b>Total Obligation Authority</b> ( <i>\$ in Millions</i> )	<b>135.137</b>	<b>12.055</b>	<b>14.096</b>	<b>24.049</b>	<b>-</b>	<b>24.049</b>	<b>35.796</b>	<b>29.873</b>	<b>27.939</b>	<b>23.941</b>	<b>Continuing</b>	<b>Continuing</b>
<i>(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)</i>												
Initial Spares ( <i>\$ in Millions</i> )	-	-	-	-	-	-	-	-	-	-	-	-
Flyaway Unit Cost ( <i>Units in Thousands</i> )	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost ( <i>Units in Thousands</i> )	-	-	-	4.752	-	4.752	-	-	-	-	Continuing	Continuing
<sup>#</sup> FY 2013 Program is from the FY 2013 President's Budget, submitted February 2012 <sup>##</sup> The FY 2014 OCO Request will be submitted at a later date <b>Description:</b> The M320 Grenade Launcher Module (GLM) is a 40mm low-velocity grenade launching weapon that attaches underneath the barrel of both the M4 carbine series and M16 rifle series and improves on the current system with an open architecture that permits mounting on M16/M4 rifles and carbines. Conversion to a standalone system enables an increase in modularity and use of handheld laser rangefinder. The weapon replaces the M203 low-velocity grenade launcher. The M320 has side-loading unrestricted breech that permits the system to fire longer 40mm low-velocity NATO standard projectiles and other non-standard rounds. The weapon is more reliable and safer using a modern double-action trigger/firing system. Procurement of the Laser Range Finder (LRF) and the Grenadier Sight System (GSS) are New Starts in FY14.												
<b>Secondary Distribution</b>	<b>FY 2012</b>	<b>FY 2013</b>	<b>FY 2014 Base</b>	<b>FY 2014 OCO</b>	<b>FY 2014 Total</b>	<b>FY 2015</b>	<b>FY 2016</b>	<b>FY 2017</b>	<b>FY 2018</b>			
Army	Quantity	1,743	1,345	4,048	-	4,048	6,093	4,684	4,355			
	Total Obligation Authority	7.110	8.383	19.234	-	19.234	28.642	23.898	22.350			
ANG	Quantity	975	752	759	-	759	1,142	878	817			
	Total Obligation Authority	3.980	4.599	3.606	-	3.606	5.368	4.480	4.193			
AR	Quantity	236	183	254	-	254	380	293	272			
	Total Obligation Authority	0.965	1.114	1.209	-	1.209	1.786	1.495	1.396			

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**Exhibit P-40, Budget Item Justification Sheet:** PB 2014 Army **Date:** April 2013

**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 Nomenclature:**  
G01501 - XM320 Grenade Launcher Module (GLM)

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

**MDAP/MAIS Code(s):**

Item Schedule		ID CD	Prior Years			FY 2012			FY 2013			FY 2014 Base			FY 2014 OCO			FY 2014 Total		
Item Nomenclature*	Exhibits		Unit Cost (\$ K )	Qty (Each)	Total Cost (\$ M )	Unit Cost (\$ K )	Qty (Each)	Total Cost (\$ M )	Unit Cost (\$ K )	Qty (Each)	Total Cost (\$ M )	Unit Cost (\$ K )	Qty (Each)	Total Cost (\$ M )	Unit Cost (\$ K )	Qty (Each)	Total Cost (\$ M )	Unit Cost (\$ K )	Qty (Each)	Total Cost (\$ M )
G01501 - XM320 Grenade Launcher Module (GLM)	P5, P5A, P21	A	-	-	135.137	-	2,954	12.055	-	2,280	14.096	4.752	5,061	24.049	-	-	-	4.752	5,061	24.049
<b>Total Gross/Weapon System Cost</b>					135.137			12.055			14.096			24.049			-			24.049

Item Schedule		ID CD	FY 2015			FY 2016			FY 2017			FY 2018			To Complete			Total		
Item Nomenclature*	Exhibits		Unit Cost (\$ K )	Qty (Each)	Total Cost (\$ M )	Unit Cost (\$ K )	Qty (Each)	Total Cost (\$ M )	Unit Cost (\$ K )	Qty (Each)	Total Cost (\$ M )	Unit Cost (\$ K )	Qty (Each)	Total Cost (\$ M )	Unit Cost (\$ K )	Qty (Each)	Total Cost (\$ M )	Unit Cost (\$ K )	Qty (Each)	Total Cost (\$ M )
G01501 - XM320 Grenade Launcher Module (GLM)	P5, P5A, P21	A	-	-	-	-	-	-	-	-	-	-	-	-	Continuing			Continuing		
<b>Total Gross/Weapon System Cost</b>					35.796			29.873			27.939			23.941	Continuing			Continuing		

\*Item Nomenclature represents Item Number, DODIC, and Item Name for the P40A and P5; Name for the P18 and P23; Modification Number and Modification Title for the P3A; Item Number and Item Name for the P10.

Note: Totals in this Exhibit P-40 set may not be exact or add due to rounding.

## Justification:

FY 2014 Base procurement dollars in the amount of \$24.049 million supports the Active Army, National Guard (NG) and Army Reserve (AR) by procuring 5,061 M320 Grenade Launcher Modules (GLMs) to replace the outdated M203 grenade launcher. Two major components integrated to the grenade launching system are the Laser Range Finder (LRF), which enhances preparation for combat and combat employment of grenadiers concerning range-to-target determination and first round hit probability, and the Grenadier Sight System (GSS), which enhance the grenadier's lethality by providing day and night targeting capability. The GLM system provides deploying units an improved capability over the M203 grenade launcher and enables the Warfighter to more accurately engage the enemy in both daylight and darkness. The M320 is a safer, more reliable grenade launcher that reduces aiming error and increases first-round hit probability. The M320 GLM 40mm ammunition is loaded from the side thus providing easier access and permitting use of a wider range of ammunition as compared to the M203, originally fielded beginning in the mid 1970s.

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.

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<b>Exhibit P-5, Cost Analysis: PB 2014 Army</b>										<b>Date:</b> April 2013		
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 2033A: Procurement of W&TCV, Army / BA 02: Weapons and Other Combat Vehicles / BSA 10: Weapons & Other Combat Vehicles				<b>P-1 Line Item Nomenclature:</b> G01501 - XM320 Grenade Launcher Module (GLM)						<b>Item Nomenclature (Item Number - Item Name, DODIC):</b> G01501 - XM320 Grenade Launcher Module (GLM)		

Resource Summary	Prior Years	FY 2012	FY 2013 <sup>#</sup>	FY 2014 Base	FY 2014 OCO <sup>##</sup>	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total
Procurement Quantity ( <i>Units in Each</i> )	-	2,954	2,280	5,061	-	5,061	-	-	-	-	Continuing	Continuing
Gross/Weapon System Cost ( <i>\$ in Millions</i> )	135.137	12.055	14.096	24.049	-	24.049	-	-	-	-	Continuing	Continuing
Less PY Advance Procurement ( <i>\$ in Millions</i> )	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) ( <i>\$ in Millions</i> )	135.137	12.055	14.096	24.049	-	24.049	-	-	-	-	Continuing	Continuing
Plus CY Advance Procurement ( <i>\$ in Millions</i> )	-	-	-	-	-	-	-	-	-	-	-	-
<b>Total Obligation Authority (<i>\$ in Millions</i>)</b>	<b>135.137</b>	<b>12.055</b>	<b>14.096</b>	<b>24.049</b>	<b>-</b>	<b>24.049</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>Continuing</b>	<b>Continuing</b>

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

Initial Spares ( <i>\$ in Millions</i> )	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost ( <i>Units in Thousands</i> )	-	-	-	4.752	-	4.752	-	-	-	-	Continuing	Continuing

<sup>#</sup> FY 2013 Program is from the FY 2013 President's Budget, submitted February 2012

<sup>##</sup> The FY 2014 OCO Request will be submitted at a later date

Cost Elements († indicates the presence of a P-5A)	ID CD	All Prior Years			FY 2012			FY 2013			FY 2014 Base			FY 2014 OCO			FY 2014 Total		
		Unit Cost (\$ K)	Quantity (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Quantity (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Quantity (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Quantity (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Quantity (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Quantity (Each)	Total Cost (\$ M)
Flyaway Cost																			
Recurring Cost																			
† 1. M320 Grenade Launcher		2.563	44,014	112.794	2.144	2,954	6.334	2.235	2,280	5.096	2.138	5,061	10.818	-	-	-	2.138	5,061	10.818
† 2. Laser Range Finder (LRF)		0.714	11,269	8.041	-	-	-	-	-	-	0.560	5,061	2.833	-	-	-	0.560	5,061	2.833
3. New Day Night Sight (DNS)/LRF Combo		-	-	-	-	-	-	2.700	2,280	6.156	-	-	-	-	-	-	-	-	-
† 4. Grenadier Sight System(GSS)		-	-	-	-	-	-	-	-	-	1.559	5,061	7.892	-	-	-	1.559	5,061	7.892
5. Tool Set/ASL		0.535	1,541	0.825	0.211	147	0.031	0.456	68	0.031	0.461	254	0.117	-	-	-	0.461	254	0.117
6. Arms Racks		0.977	1,904	1.860	0.791	148	0.117	0.842	114	0.096	1.177	254	0.299	-	-	-	1.177	254	0.299
7. Engineering, Test, and Evaluation Spt		-	-	3.531	-	-	1.155	-	-	1.142	-	-	0.786	-	-	-	-	-	0.786
8. Integrated Logistics Support (ILS)		-	-	1.096	-	-	0.131	-	-	0.345	-	-	0.144	-	-	-	-	-	0.144
9. Total Package Fielding (TPF)		-	-	1.729	-	-	0.370	-	-	0.390	-	-	0.287	-	-	-	-	-	0.287
10. New Equipment Training (NET)		0.468	3,761	1.761	-	-	0.385	-	-	0.840	-	-	0.873	-	-	-	-	-	0.873

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<b>Exhibit P-5, Cost Analysis: PB 2014 Army</b>												<b>Date:</b> April 2013							
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 2033A: Procurement of W&TCV, Army / BA 02: Weapons and Other Combat Vehicles / BSA 10: Weapons & Other Combat Vehicles						<b>P-1 Line Item Nomenclature:</b> G01501 - XM320 Grenade Launcher Module (GLM)						<b>Item Nomenclature (Item Number - Item Name, DODIC):</b> G01501 - XM320 Grenade Launcher Module (GLM)							

Cost Elements († indicates the presence of a P-5A)	ID CD	All Prior Years			FY 2012			FY 2013			FY 2014 Base			FY 2014 OCO			FY 2014 Total		
		Unit Cost (\$ K)	Quantity (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Quantity (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Quantity (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Quantity (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Quantity (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Quantity (Each)	Total Cost (\$ M)
11. Tech Data Package/Data Rights		-	-	3.500	-	-	0.800	-	-	-	-	-	-	-	-	-	-	-	-
12. Training Device		-	-	-	-	-	2.732	-	-	-	-	-	-	-	-	-	-	-	-
Total Recurring Cost				135.137			12.055			14.096			24.049			-			24.049
Total Flyaway Cost				135.137			12.055			14.096			24.049			-			24.049
Gross Weapon System Cost				135.137			12.055			14.096			24.049			-			24.049

Cost Elements († indicates the presence of a P-5A)	ID CD	FY 2015			FY 2016			FY 2017			FY 2018			To Complete			Total Cost		
		Unit Cost (\$ K)	Quantity (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Quantity (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Quantity (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Quantity (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Quantity (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Quantity (Each)	Total Cost (\$ M)
Flyaway Cost																			
Recurring Cost																			
† 1. M320 Grenade Launcher		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
† 2. Laser Range Finder (LRF)		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3. New Day Night Sight (DNS)/LRF Combo		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
† 4. Grenadier Sight System(GSS)		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
5. Tool Set/ASL		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
6. Arms Racks		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
7. Engineering, Test, and Evaluation Spt		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
8. Integrated Logistics Support (ILS)		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
9. Total Package Fielding (TPF)		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
10. New Equipment Training (NET)		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
11. Tech Data Package/Data Rights		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
12. Training Device		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Total Recurring Cost				-			-			-			-			-			-
Total Flyaway Cost				-			-			-			-			-			-

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<b>Exhibit P-5, Cost Analysis:</b> PB 2014 Army														<b>Date:</b> April 2013					
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 2033A: Procurement of W&TCV, Army / BA 02: Weapons and Other Combat Vehicles / BSA 10: Weapons & Other Combat Vehicles								<b>P-1 Line Item Nomenclature:</b> G01501 - XM320 Grenade Launcher Module (GLM)						<b>Item Nomenclature (Item Number - Item Name, DODIC):</b> G01501 - XM320 Grenade Launcher Module (GLM)					

  

Cost Elements († indicates the presence of a P-5A)	ID CD	FY 2015			FY 2016			FY 2017			FY 2018			To Complete			Total Cost		
		Unit Cost (\$ K )	Quantity (Each)	Total Cost (\$ M )	Unit Cost (\$ K )	Quantity (Each)	Total Cost (\$ M )	Unit Cost (\$ K )	Quantity (Each)	Total Cost (\$ M )	Unit Cost (\$ K )	Quantity (Each)	Total Cost (\$ M )	Unit Cost (\$ K )	Quantity (Each)	Total Cost (\$ M )	Unit Cost (\$ K )	Quantity (Each)	Total Cost (\$ M )
Gross Weapon System Cost				-			-			-			-	Continuing			Continuing		

  

**P-5 Remarks:**

  

Secondary Distribution		FY 2012	FY 2013	FY 2014 Base	FY 2014 OCO	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018
Army	Quantity	1,743	1,345	4,048	-	4,048	-	-	-	-
	Total Obligation Authority	7.110	8.383	19.234	-	19.234	-	-	-	-
ANG	Quantity	975	752	759	-	759	-	-	-	-
	Total Obligation Authority	3.980	4.599	3.606	-	3.606	-	-	-	-
AR	Quantity	236	183	254	-	254	-	-	-	-
	Total Obligation Authority	0.965	1.114	1.209	-	1.209	-	-	-	-

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Exhibit P-5A, Budget Procurement History and Planning: PB 2014 Army									Date: April 2013			
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 Nomenclature: G01501 - XM320 Grenade Launcher Module (GLM)					Item Nomenclature: G01501 - XM320 Grenade Launcher Module (GLM)			
Cost Elements († indicates the presence of a P-21)	O C O	FY	Contractor and Location	Method/Type, or Funding Vehicle	Location of PCO	Award Date	Date of First Delivery	Qty (Each)	Unit Cost (\$ K )	Specs Avail Now?	Date Revsn Avail	RFP Issue Date
†1. M320 Grenade Launcher		2012	Heckler & Koch Defense, Inc / Ashburn, VA	SS / FFP	ACC- Picatinny, Picatinny, NJ	Apr 2013	Jul 2013	2,954	2.144	N		
†1. M320 Grenade Launcher		2013	Heckler & Koch Defense, Inc / Ashburn, VA	SS / FFP	ACC Picatinny, Picatinny, NJ	Apr 2013	Oct 2013	2,280	2.235	N		
†1. M320 Grenade Launcher		2014	TBD / TBD	C / FFP	ACC- Picatinny, Picatinny, NJ	Jan 2014	Jul 2014	5,061	2.138	N		
2. Laser Range Finder (LRF)		2014	TBD2 / TBD2	C / FFP	ACC- Picatinny, Picatinny, NJ	Jan 2014	Apr 2014	5,061	0.560	N		
4. Grenadier Sight System(GSS)		2014	TBD3 / TBD3	C / FFP	ACC- Picatinny, Picatinny, NJ	Apr 2014	Aug 2014	5,061	1.559	N		

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Exhibit P-21, Budget Production Schedule: PB 2014 Army																							Date: April 2013									
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 Nomenclature: G01501 - XM320 Grenade Launcher Module (GLM)													Item Nomenclature: G01501 - XM320 Grenade Launcher Module (GLM)									
Cost Elements (Units in Each)							Fiscal Year 2013													Fiscal Year 2014												
O C C O	M F R #	FY	SERVICE±	PROC QTY	ACCEP PRIOR TO 1 OCT 2012	BAL DUE AS OF 1 OCT	Calendar Year 2013													Calendar Year 2014										B A L		
							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. M320 Grenade Launcher																																
	1	2012	ARMY	2,954	-	2,954	-	-	-	-	-	-	-	A -	-	-	329	400	400	400	200	200	200	200	300	325						-
	1	2013	ARMY (VII)	2,280	-	2,280	-	-	-	-	-	-	-	A -	-	-	-	-	-	250	250	250	280	300	200	250	250	250	300	400	500	-
	2	2014	ARMY	5,061	-	5,061	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	A -	-	-	-	-	-	300	400	500	3,861
							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	B A L	

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Exhibit P-21, Budget Production Schedule: PB 2014 Army																				Date: April 2013												
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 Nomenclature: G01501 - XM320 Grenade Launcher Module (GLM)										Item Nomenclature: G01501 - XM320 Grenade Launcher Module (GLM)												
Cost Elements (Units in Each)							Fiscal Year 2015										Fiscal Year 2016															
O C C O	M F R #	FY	SERVICE <sup>‡</sup>	PROC QTY	ACCEP PRIOR TO 1 OCT 2014	BAL DUE AS OF 1 OCT	Calendar Year 2015										Calendar Year 2016															
							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	B A L
1. M320 Grenade Launcher																																
	1	2012	ARMY	2,954	2,954	-																										-
	1	2013	ARMY <sup>(VII)</sup>	2,280	2,280	-																										-
	2	2014	ARMY	5,061	1,200	3,861	600	675	750	875	961																					-
							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	B A L	



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<b>Exhibit P-21, Budget Production Schedule:</b> PB 2014 Army		<b>Date:</b> April 2013
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 2033A: Procurement of W&TCV, Army / BA 02: Weapons and Other Combat Vehicles / BSA 10: Weapons & Other Combat Vehicles	<b>P-1 Line Item Nomenclature:</b> G01501 - XM320 Grenade Launcher Module (GLM)	<b>Item Nomenclature:</b> G01501 - XM320 Grenade Launcher Module (GLM)

		Production Rates (Each / Month)			Procurement Leadtime (Months)							
MFR #	MFR Name - Location	MSR	1-8-5	MAX	Initial				Reorder			
					ALT Prior to Oct 1	ALT After Oct 1	Mfg PLT	Total After Oct 1	ALT Prior to Oct 1	ALT After Oct 1	Mfg PLT	Total After Oct 1
1	Heckler & Koch Defense, Inc - Ashburn, VA	3,600.00	9,000.00	18,000.00	3	8	6	14	3	8	6	14
2	TBD - TBD	3,600.00	9,000.00	18,000.00	6	4	6	10	6	4	6	10

**Remarks:**

M320 shows break in production after final buy was met with H&K. Competitive process initiated in FY12. Delayed Grenade Launcher Tech Data Package (TDP) approval issues with H&K.

"A" in the Delivery Schedule indicated the Contract Award Date.

Due to space limitations, quantities in the Exhibit P-21 delivery calendar are truncated and rounded based on the maximum quantity in the calendar as follows. If the maximum quantity is less than or equal to than 99,999, all quantities are shown as each. If the maximum quantity is between 100,000 and 99,999,499 all quantities are shown in thousands (rounded to the nearest thousand). If the maximum quantity is greater than 99,999,499 all quantities are shown in millions (rounded to the nearest million).

**Service/Agency Suffixes:**

(VII) BASE

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<b>Exhibit P-40, Budget Item Justification Sheet:</b> PB 2014 Army	<b>Date:</b> April 2013
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<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 2033A: Procurement of W&TCV, Army / BA 02: Weapons and Other Combat Vehicles / BSA 10: Weapons & Other Combat Vehicles	<b>P-1 Line Item Nomenclature:</b> G14904 - M4 Carbine
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<b>ID Code</b> (A=Service Ready, B=Not Service Ready) : A	<b>Program Elements for Code B Items:</b>	<b>Other Related Program Elements:</b>
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**MDAP/MAIS Code(s):**

Resource Summary	Prior Years	FY 2012	FY 2013 <sup>#</sup>	FY 2014 Base	FY 2014 OCO <sup>##</sup>	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total
Procurement Quantity <i>(Units in Each)</i>	498,778	2,264	-	-	-	-	-	-	-	-	-	501,042
Gross/Weapon System Cost <i>(\$ in Millions)</i>	590.371	4.700	-	-	-	-	-	-	-	-	-	595.071
Less PY Advance Procurement <i>(\$ in Millions)</i>	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) <i>(\$ in Millions)</i>	590.371	4.700	-	-	-	-	-	-	-	-	-	595.071
Plus CY Advance Procurement <i>(\$ in Millions)</i>	-	-	-	-	-	-	-	-	-	-	-	-
<b>Total Obligation Authority</b> <i>(\$ in Millions)</i>	<b>590.371</b>	<b>4.700</b>	-	-	-	-	-	-	-	-	-	<b>595.071</b>

*(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>(Units in Thousands)</i>	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost <i>(Units in Thousands)</i>	-	-	-	-	-	-	-	-	-	-	-	-

<sup>#</sup> FY 2013 Program is from the FY 2013 President's Budget, submitted February 2012

<sup>##</sup> The FY 2014 OCO Request will be submitted at a later date

**Description:**

The M4 and M4A1 Carbine series are 5.56mm, gas-operated, air-cooled, magazine-fed, selective-rate, shoulder-fired weapon. The M4A1 has a heavier barrel to sustain automatic fire. The series is fed by a 30-round magazine and has continued to replace select M16 series rifles and select M9 pistols. It provides the individual Soldier operating in close quarters the capability to engage targets at extended ranges with accurate lethal fire. More compact than the M16 series rifle and featuring a collapsible stock, it achieves over 85% commonality with the M16A4 Rifle. The M4/M4A1 carbine also includes a combat optic and the Modular Weapon System (MWS) which provides six (6) additional magazines, the M4 Rail Assembly System and the back-up iron sight.

Secondary Distribution		FY 2012	FY 2013	FY 2014 Base	FY 2014 OCO	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018
ANG	Quantity	128	-	-	-	-	-	-	-	-
	Total Obligation Authority	0.265	-	-	-	-	-	-	-	-
AR	Quantity	2,136	-	-	-	-	-	-	-	-
	Total Obligation Authority	4.435	-	-	-	-	-	-	-	-

Item Schedule		ID CD	Prior Years			FY 2012			FY 2013			FY 2014 Base			FY 2014 OCO			FY 2014 Total		
Item Nomenclature*	Exhibits		Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)
G14904 - M4 Carbine	P5, P5A, P21	A	-	-	590.371	-	2,264	4.700	-	-	-	-	-	-	-	-	-	-	-	-

# UNCLASSIFIED

<b>Exhibit P-40, Budget Item Justification Sheet:</b> PB 2014 Army																<b>Date:</b> April 2013					
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 2033A: Procurement of W&TCV, Army / BA 02: Weapons and Other Combat Vehicles / BSA 10: Weapons & Other Combat Vehicles											<b>P-1 Line Item Nomenclature:</b> G14904 - M4 Carbine										
<b>ID Code</b> (A=Service Ready, B=Not Service Ready) : A						<b>Program Elements for Code B Items:</b>						<b>Other Related Program Elements:</b>									
<b>MDAP/MAIS Code(s):</b>																					
<b>Item Schedule</b>			<b>Prior Years</b>			<b>FY 2012</b>			<b>FY 2013</b>			<b>FY 2014 Base</b>			<b>FY 2014 OCO</b>			<b>FY 2014 Total</b>			
<b>Item Nomenclature*</b>	<b>Exhibits</b>	<b>ID CD</b>	<b>Unit Cost (\$ K)</b>	<b>Qty (Each)</b>	<b>Total Cost (\$ M)</b>	<b>Unit Cost (\$ K)</b>	<b>Qty (Each)</b>	<b>Total Cost (\$ M)</b>	<b>Unit Cost (\$ K)</b>	<b>Qty (Each)</b>	<b>Total Cost (\$ M)</b>	<b>Unit Cost (\$ K)</b>	<b>Qty (Each)</b>	<b>Total Cost (\$ M)</b>	<b>Unit Cost (\$ K)</b>	<b>Qty (Each)</b>	<b>Total Cost (\$ M)</b>	<b>Unit Cost (\$ K)</b>	<b>Qty (Each)</b>	<b>Total Cost (\$ M)</b>	
<b>Total Gross/Weapon System Cost</b>					590.371			4.700			-			-			-			-	
<p>*Item Nomenclature represents Item Number, DODIC, and Item Name for the P40A and P5; Name for the P18 and P23; Modification Number and Modification Title for the P3A; Item Number and Item Name for the P10.</p> <p>Note: Totals in this Exhibit P-40 set may not be exact or add due to rounding.</p> <p><b>Justification:</b>            No FY 2014 funding. Transitioned to M4A1 Carbine G13503 starting in FY 2013.</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>																					

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<b>Exhibit P-5, Cost Analysis: PB 2014 Army</b>					<b>Date:</b> April 2013	
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 2033A: Procurement of W&TCV, Army / BA 02: Weapons and Other Combat Vehicles / BSA 10: Weapons & Other Combat Vehicles			<b>P-1 Line Item Nomenclature:</b> G14904 - M4 Carbine		<b>Item Nomenclature (Item Number - Item Name, DODIC):</b> G14904 - M4 Carbine	

Resource Summary	Prior Years	FY 2012	FY 2013 <sup>#</sup>	FY 2014 Base	FY 2014 OCO <sup>##</sup>	FY 2014 Total
Procurement Quantity (Units in Each)	-	2,264	-	-	-	-
Gross/Weapon System Cost (\$ in Millions)	590.371	4.700	-	-	-	-
Less PY Advance Procurement (\$ in Millions)	-	-	-	-	-	-
Net Procurement (P1) (\$ in Millions)	590.371	4.700	-	-	-	-
Plus CY Advance Procurement (\$ in Millions)	-	-	-	-	-	-
<b>Total Obligation Authority (\$ in Millions)</b>	<b>590.371</b>	<b>4.700</b>	-	-	-	-

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

Initial Spares (\$ in Millions)	-	-	-	-	-	-
Gross/Weapon System Unit Cost (Units in Thousands)	-	-	-	-	-	-

<sup>#</sup> FY 2013 Program is from the FY 2013 President's Budget, submitted February 2012

<sup>##</sup> The FY 2014 OCO Request will be submitted at a later date

Cost Elements († indicates the presence of a P-5A)	ID CD	All Prior Years			FY 2012			FY 2013			FY 2014 Base			FY 2014 OCO			FY 2014 Total		
		Unit Cost (\$ K)	Quantity (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Quantity (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Quantity (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Quantity (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Quantity (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Quantity (Each)	Total Cost (\$ M)
Flyaway Cost																			
Recurring Cost																			
† 1. M4 Carbine Series		1.301	367,627	478.197	1.309	2,264	2.964	-	-	-	-	-	-	-	-	-	-	-	-
2. Combat Optics		0.563	153,713	86.583	0.332	2,264	0.752	-	-	-	-	-	-	-	-	-	-	-	-
3. Engineering, Test and Evaluation Spt		-	-	19.910	-	-	0.484	-	-	-	-	-	-	-	-	-	-	-	-
4. Integrated Logistics Support		-	-	2.546	-	-	0.200	-	-	-	-	-	-	-	-	-	-	-	-
4. Total Package Fielding (TPF)		-	-	3.135	-	-	0.300	-	-	-	-	-	-	-	-	-	-	-	-
<b>Total Recurring Cost</b>				<b>590.371</b>			<b>4.700</b>			-			-			-			-
<b>Total Flyaway Cost</b>				<b>590.371</b>			<b>4.700</b>			-			-			-			-
<b>Gross Weapon System Cost</b>				<b>590.371</b>			<b>4.700</b>			-			-			-			-

**P-5 Remarks:**

Secondary Distribution		FY 2012	FY 2013	FY 2014 Base	FY 2014 OCO	FY 2014 Total
ANG	Quantity	128	-	-	-	-
	Total Obligation Authority	0.265	-	-	-	-
AR	Quantity	2,136	-	-	-	-
	Total Obligation Authority	4.435	-	-	-	-

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<b>Exhibit P-5, Cost Analysis:</b> PB 2014 Army		<b>Date:</b> April 2013
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 2033A: Procurement of W&TCV, Army / BA 02: Weapons and Other Combat Vehicles / BSA 10: Weapons & Other Combat Vehicles	<b>P-1 Line Item Nomenclature:</b> G14904 - M4 Carbine	<b>Item Nomenclature</b> ( <i>Item Number - Item Name, DODIC</i> ): G14904 - M4 Carbine

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**UNCLASSIFIED**

<b>Exhibit P-5A, Budget Procurement History and Planning:</b> PB 2014 Army										<b>Date:</b> April 2013		
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 2033A: Procurement of W&TCV, Army / BA 02: Weapons and Other Combat Vehicles / BSA 10: Weapons & Other Combat Vehicles				<b>P-1 Line Item Nomenclature:</b> G14904 - M4 Carbine				<b>Item Nomenclature:</b> G14904 - M4 Carbine				
<b>Cost Elements</b> <small>(† indicates the presence of a P-21)</small>	<b>O C O</b>	<b>FY</b>	<b>Contractor and Location</b>	<b>Method/Type, or Funding Vehicle</b>	<b>Location of PCO</b>	<b>Award Date</b>	<b>Date of First Delivery</b>	<b>Qty</b> <small>(Each)</small>	<b>Unit Cost</b> <small>(\$ K.)</small>	<b>Specs Avail Now?</b>	<b>Date Revsn Avail</b>	<b>RFP Issue Date</b>
†1. M4 Carbine Series		2012	Remington Arms Co. / Ilion, NY	C / FFP	ACC- TACOM, Warren,MI	Apr 2012	Feb 2014	2,264	1.309	N		
<b>Remarks:</b> Contract was previously under protest. New contract awarded to FN Manufacturing on February 21, 2013 instead of Remington Arms Co. for Air Force and Navy requirements.												

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Exhibit P-21, Budget Production Schedule: PB 2014 Army																								Date: April 2013											
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 Nomenclature: G14904 - M4 Carbine														Item Nomenclature: G14904 - M4 Carbine											
Cost Elements <i>(Units in Each)</i>							Fiscal Year 2012														Fiscal Year 2013														
O C C O	M F R #	FY	SERVICE‡	PROC QTY	ACCEP PRIOR TO 1 OCT 2011	BAL DUE AS OF 1 OCT	Calendar Year 2012														Calendar Year 2013														B A L
							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. M4 Carbine Series																																			
	1	2012	ARMY	2,264	-	2,264	-	-	-	-	-	-	A -	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2,264				
							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	B A L				

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Exhibit P-21, Budget Production Schedule: PB 2014 Army																								Date: April 2013							
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 Nomenclature: G14904 - M4 Carbine														Item Nomenclature: G14904 - M4 Carbine							
Cost Elements <i>(Units in Each)</i>							Fiscal Year 2014												Fiscal Year 2015												
O C C O	M F R #	FY	SERVICE <sup>‡</sup>	PROC QTY	ACCEP PRIOR TO 1 OCT 2013	BAL DUE AS OF 1 OCT	Calendar Year 2014												Calendar Year 2015												B A L
							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. M4 Carbine Series																															
	1	2012	ARMY	2,264	-	2,264	-	-	-	-	205	250	1,000	809															-		
							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	B A L



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<b>Exhibit P-21, Budget Production Schedule:</b> PB 2014 Army		<b>Date:</b> April 2013
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 2033A: Procurement of W&TCV, Army / BA 02: Weapons and Other Combat Vehicles / BSA 10: Weapons & Other Combat Vehicles	<b>P-1 Line Item Nomenclature:</b> G14904 - M4 Carbine	<b>Item Nomenclature:</b> G14904 - M4 Carbine

		Production Rates (Each / Month)			Procurement Leadtime (Months)							
MFR #	MFR Name - Location	MSR	1-8-5	MAX	Initial				Reorder			
					ALT Prior to Oct 1	ALT After Oct 1	Mfg PLT	Total After Oct 1	ALT Prior to Oct 1	ALT After Oct 1	Mfg PLT	Total After Oct 1
1	Remington Arms Co. - Ilion, NY	12,000.00	36,000.00	144,000.00	3	7	12	19	3	9	22	31

**Remarks:**

Break in production due to full and open competition required for new contract.

"A" in the Delivery Schedule indicated the Contract Award Date.

Due to space limitations, quantities in the Exhibit P-21 delivery calendar are truncated and rounded based on the maximum quantity in the calendar as follows. If the maximum quantity is less than or equal to than 99,999, all quantities are shown as each. If the maximum quantity is between 100,000 and 99,999,499 all quantities are shown in thousands (rounded to the nearest thousand). If the maximum quantity is greater than 99,999,499 all quantities are shown in millions (rounded to the nearest million).

## UNCLASSIFIED

<b>Exhibit P-40, Budget Item Justification Sheet:</b> PB 2014 Army										<b>Date:</b> April 2013		
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 2033A: Procurement of W&TCV, Army / BA 02: Weapons and Other Combat Vehicles / BSA 10: Weapons & Other Combat Vehicles							<b>P-1 Line Item Nomenclature:</b> G13501 - Carbine					
<b>ID Code</b> (A=Service Ready, B=Not Service Ready) : B				<b>Program Elements for Code B Items:</b> 0604601A				<b>Other Related Program Elements:</b>				
<b>MDAP/MAIS Code(s):</b>												
<b>Resource Summary</b>	<b>Prior Years</b>	<b>FY 2012</b>	<b>FY 2013<sup>#</sup></b>	<b>FY 2014 Base</b>	<b>FY 2014 OCO<sup>##</sup></b>	<b>FY 2014 Total</b>	<b>FY 2015</b>	<b>FY 2016</b>	<b>FY 2017</b>	<b>FY 2018</b>	<b>To Complete</b>	<b>Total</b>
Procurement Quantity ( <i>Units in Each</i> )	-	-	12,000	41,897	-	41,897	42,736	42,796	42,781	42,194	Continuing	Continuing
Gross/Weapon System Cost ( <i>\$ in Millions</i> )	-	-	21.272	70.846	-	70.846	70.920	70.976	70.863	70.000	Continuing	Continuing
Less PY Advance Procurement ( <i>\$ in Millions</i> )	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) ( <i>\$ in Millions</i> )	-	-	21.272	70.846	-	70.846	70.920	70.976	70.863	70.000	Continuing	Continuing
Plus CY Advance Procurement ( <i>\$ in Millions</i> )	-	-	-	-	-	-	-	-	-	-	-	-
<b>Total Obligation Authority</b> ( <i>\$ in Millions</i> )	-	-	<b>21.272</b>	<b>70.846</b>	-	<b>70.846</b>	<b>70.920</b>	<b>70.976</b>	<b>70.863</b>	<b>70.000</b>	<b>Continuing</b>	<b>Continuing</b>
<i>(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)</i>												
Initial Spares ( <i>\$ in Millions</i> )	-	-	-	-	-	-	-	-	-	-	-	-
Flyaway Unit Cost ( <i>Units in Thousands</i> )	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost ( <i>Units in Thousands</i> )	-	-	-	1.691	-	1.691	-	-	-	-	Continuing	Continuing
<sup>#</sup> FY 2013 Program is from the FY 2013 President's Budget, submitted February 2012 <sup>##</sup> The FY 2014 OCO Request will be submitted at a later date <b>Description:</b> This funding is used to procure carbine weapons for the Army. The carbine is more compact than the M16 rifle series since it uses a shorter barrel and collapsible stock. Currently the Army uses the M4 and M4A1 Carbines. These carbines are 5.56mm, gas operated, air-cooled, selective-rate, shoulder fired small arms weapons. The M4 mode of fire is safe/semi-automatic/3-round burst and the M4A1 mode of fire is the same as the M4 but provides full automatic capability instead of the 3-round burst (safe/semi-automatic/full automatic). The M4A1 Carbine is produced with a heavier barrel to accommodate and sustain a higher rate of fire using the full automatic mode of fire, and an ambidextrous selector. The M4/M4A1 Carbine also includes a combat optic, back-up iron sight, and the adapter rail system to attach accessories and components.  The Individual Carbine (IC) enhances the warfighters ability to maneuver into and through urban areas by providing a mission flexible, precise and lethal weapon capable of five (5) inch mean radius spread pattern at three-hundred (300) meters. The IC shall have rail accessory attachment capabilities with numbered attachment points and removable mounting surfaces below the barrel. This improved system will increase reliability, provide ambidextrous control, increase barrel life, improve zero retention and repeatability, and reduce maintenance and life cycle cost. The procurement of IC in FY14 is a New Start.												
<b>Secondary Distribution</b>		<b>FY 2012</b>	<b>FY 2013</b>	<b>FY 2014 Base</b>	<b>FY 2014 OCO</b>	<b>FY 2014 Total</b>	<b>FY 2015</b>	<b>FY 2016</b>	<b>FY 2017</b>	<b>FY 2018</b>		
Army	Quantity	-	12,000	41,897	-	41,897	42,736	42,796	42,781	42,194		
	Total Obligation Authority	-	21.272	70.846	-	70.846	70.920	70.976	70.863	70.000		

**UNCLASSIFIED**

<b>Exhibit P-40, Budget Item Justification Sheet:</b> PB 2014 Army																<b>Date:</b> April 2013					
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 2033A: Procurement of W&TCV, Army / BA 02: Weapons and Other Combat Vehicles / BSA 10: Weapons & Other Combat Vehicles												<b>P-1 Line Item Nomenclature:</b> G13501 - Carbine									
<b>ID Code</b> (A=Service Ready, B=Not Service Ready) : B						<b>Program Elements for Code B Items:</b> 0604601A						<b>Other Related Program Elements:</b>									
<b>MDAP/MAIS Code(s):</b>																					

Item Schedule		ID CD	Prior Years			FY 2012			FY 2013			FY 2014 Base			FY 2014 OCO			FY 2014 Total		
Item Nomenclature*	Exhibits		Unit Cost (\$ K )	Qty (Each)	Total Cost (\$ M )	Unit Cost (\$ K )	Qty (Each)	Total Cost (\$ M )	Unit Cost (\$ K )	Qty (Each)	Total Cost (\$ M )	Unit Cost (\$ K )	Qty (Each)	Total Cost (\$ M )	Unit Cost (\$ K )	Qty (Each)	Total Cost (\$ M )	Unit Cost (\$ K )	Qty (Each)	Total Cost (\$ M )
G13502 - INDIVIDUAL CARBINE	P5, P5A, P21	B	-	-	-	-	-	-	-	-	-	1.659	29,897	49.592	-	-	-	1.659	29,897	49.592
G13503 - M4A1 CARBINE	P5, P5A, P21	A	-	-	-	-	-	-	-	12,000	21.272	1.771	12,000	21.254	-	-	-	1.771	12,000	21.254
<b>Total Gross/Weapon System Cost</b>					-			-			21.272			70.846			-			70.846

Item Schedule		ID CD	FY 2015			FY 2016			FY 2017			FY 2018			To Complete			Total		
Item Nomenclature*	Exhibits		Unit Cost (\$ K )	Qty (Each)	Total Cost (\$ M )	Unit Cost (\$ K )	Qty (Each)	Total Cost (\$ M )	Unit Cost (\$ K )	Qty (Each)	Total Cost (\$ M )	Unit Cost (\$ K )	Qty (Each)	Total Cost (\$ M )	Unit Cost (\$ K )	Qty (Each)	Total Cost (\$ M )	Unit Cost (\$ K )	Qty (Each)	Total Cost (\$ M )
G13502 - INDIVIDUAL CARBINE	P5, P5A, P21	B	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
G13503 - M4A1 CARBINE	P5, P5A, P21	A	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
<b>Total Gross/Weapon System Cost</b>					70.920			70.976			70.863			70.000	Continuing		Continuing		Continuing	

\*Item Nomenclature represents Item Number, DODIC, and Item Name for the P40A and P5; Name for the P18 and P23; Modification Number and Modification Title for the P3A; Item Number and Item Name for the P10.

Note: Totals in this Exhibit P-40 set may not be exact or add due to rounding.

**Justification:**

FY 2014 Base procurement dollars in the amount of \$70.846 million supports the Active Army by purchasing carbines. \$21.254 million supports the Active Army by purchasing 12,000 M4A1 Carbines. \$49.592 million supports the Active Army by purchasing 29,897 Individual Carbines. The purchase of the carbines enhances current capability.

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.

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<b>Exhibit P-5, Cost Analysis: PB 2014 Army</b>								<b>Date:</b> April 2013			
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 2033A: Procurement of W&TCV, Army / BA 02: Weapons and Other Combat Vehicles / BSA 10: Weapons & Other Combat Vehicles				<b>P-1 Line Item Nomenclature:</b> G13501 - Carbine				<b>Item Nomenclature (Item Number - Item Name, DODIC):</b> G13502 - INDIVIDUAL CARBINE			

<b>Resource Summary</b>	<b>Prior Years</b>	<b>FY 2012</b>	<b>FY 2013<sup>#</sup></b>	<b>FY 2014 Base</b>	<b>FY 2014 OCO<sup>##</sup></b>	<b>FY 2014 Total</b>	<b>FY 2015</b>	<b>FY 2016</b>	<b>FY 2017</b>	<b>FY 2018</b>	<b>To Complete</b>	<b>Total</b>
Procurement Quantity ( <i>Units in Each</i> )	-	-	-	29,897	-	29,897	-	-	-	-	Continuing	Continuing
Gross/Weapon System Cost ( <i>\$ in Millions</i> )	-	-	-	49.592	-	49.592	-	-	-	-	Continuing	Continuing
Less PY Advance Procurement ( <i>\$ in Millions</i> )	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) ( <i>\$ in Millions</i> )	-	-	-	49.592	-	49.592	-	-	-	-	Continuing	Continuing
Plus CY Advance Procurement ( <i>\$ in Millions</i> )	-	-	-	-	-	-	-	-	-	-	-	-
<b>Total Obligation Authority</b> ( <i>\$ in Millions</i> )	-	-	-	<b>49.592</b>	-	<b>49.592</b>	-	-	-	-	<b>Continuing</b>	<b>Continuing</b>

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

Initial Spares ( <i>\$ in Millions</i> )	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost ( <i>Units in Thousands</i> )	-	-	-	1.659	-	1.659	-	-	-	-	Continuing	Continuing

<sup>#</sup> FY 2013 Program is from the FY 2013 President's Budget, submitted February 2012

<sup>##</sup> The FY 2014 OCO Request will be submitted at a later date

<b>Cost Elements</b> († indicates the presence of a P-5A)	<b>ID CD</b>	<b>All Prior Years</b>			<b>FY 2012</b>			<b>FY 2013</b>			<b>FY 2014 Base</b>			<b>FY 2014 OCO</b>			<b>FY 2014 Total</b>		
		<b>Unit Cost (\$ K)</b>	<b>Quantity (Each)</b>	<b>Total Cost (\$ M)</b>	<b>Unit Cost (\$ K)</b>	<b>Quantity (Each)</b>	<b>Total Cost (\$ M)</b>	<b>Unit Cost (\$ K)</b>	<b>Quantity (Each)</b>	<b>Total Cost (\$ M)</b>	<b>Unit Cost (\$ K)</b>	<b>Quantity (Each)</b>	<b>Total Cost (\$ M)</b>	<b>Unit Cost (\$ K)</b>	<b>Quantity (Each)</b>	<b>Total Cost (\$ M)</b>	<b>Unit Cost (\$ K)</b>	<b>Quantity (Each)</b>	<b>Total Cost (\$ M)</b>
Flyaway Cost																			
Recurring Cost																			
† Individual Carbine (IC)		-	-	-	-	-	-	-	-	-	1.625	29,897	48.583	-	-	-	1.625	29,897	48.583
Engineering, Test & Evaluation		-	-	-	-	-	-	-	-	-	-	-	0.549	-	-	-	-	-	0.549
Integrated Logistics Support (ILS)		-	-	-	-	-	-	-	-	-	-	-	0.110	-	-	-	-	-	0.110
Total Package Fielding (TPF)		-	-	-	-	-	-	-	-	-	-	-	0.110	-	-	-	-	-	0.110
New Equipment Training (NET)		-	-	-	-	-	-	-	-	-	-	-	0.240	-	-	-	-	-	0.240
<i>Total Recurring Cost</i>				-			-			-			49.592			-			49.592
<i>Total Flyaway Cost</i>				-			-			-			49.592			-			49.592
<b>Gross Weapon System Cost</b>				-			-			-			<b>49.592</b>			-			<b>49.592</b>

**UNCLASSIFIED**

<b>Exhibit P-5, Cost Analysis:</b> PB 2014 Army														<b>Date:</b> April 2013				
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 2033A: Procurement of W&TCV, Army / BA 02: Weapons and Other Combat Vehicles / BSA 10: Weapons & Other Combat Vehicles							<b>P-1 Line Item Nomenclature:</b> G13501 - Carbine							<b>Item Nomenclature (Item Number - Item Name, DODIC):</b> G13502 - INDIVIDUAL CARBINE				

Cost Elements († indicates the presence of a P-5A)	ID CD	FY 2015			FY 2016			FY 2017			FY 2018			To Complete			Total Cost		
		Unit Cost (\$ K )	Quantity (Each)	Total Cost (\$ M )	Unit Cost (\$ K )	Quantity (Each)	Total Cost (\$ M )	Unit Cost (\$ K )	Quantity (Each)	Total Cost (\$ M )	Unit Cost (\$ K )	Quantity (Each)	Total Cost (\$ M )	Unit Cost (\$ K )	Quantity (Each)	Total Cost (\$ M )	Unit Cost (\$ K )	Quantity (Each)	Total Cost (\$ M )
Flyaway Cost																			
Recurring Cost																			
† Individual Carbine (IC)		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Engineering, Test & Evaluation		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Integrated Logistics Support (ILS)		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Total Package Fielding (TPF)		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
New Equipment Training (NET)		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Total Recurring Cost				-			-			-			-			-			-
Total Flyaway Cost				-			-			-			-			-			-
Gross Weapon System Cost				-			-			-			-	Continuing			Continuing		

**P-5 Remarks:**

Secondary Distribution		FY 2012	FY 2013	FY 2014 Base	FY 2014 OCO	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018
Army	Quantity	-	-	29,897	-	29,897	-	-	-	-
	Total Obligation Authority	-	-	49.592	-	49.592	-	-	-	-

UNCLASSIFIED

Exhibit P-5A, Budget Procurement History and Planning: PB 2014 Army									Date: April 2013			
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 Nomenclature: G13501 - Carbine					Item Nomenclature: G13502 - INDIVIDUAL CARBINE			
Cost Elements († indicates the presence of a P-21)	O C O	FY	Contractor and Location	Method/Type, or Funding Vehicle	Location of PCO	Award Date	Date of First Delivery	Qty (Each)	Unit Cost (\$ K.)	Specs Avail Now?	Date Revsn Avail	RFP Issue Date
†Individual Carbine (IC)		2014	TBD / TBD	C / FFP	ACC- Picatinny, NJ	Mar 2014	May 2014	29,897	1.625	N		

UNCLASSIFIED

Exhibit P-21, Budget Production Schedule: PB 2014 Army																								Date: April 2013									
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 Nomenclature: G13501 - Carbine														Item Nomenclature: G13502 - INDIVIDUAL CARBINE									
Cost Elements <i>(Units in Each)</i>							Fiscal Year 2014												Fiscal Year 2015														
O C C O	M F R #	FY	SERVICE±	PROC QTY	ACCEP PRIOR TO 1 OCT 2013	BAL DUE AS OF 1 OCT	Calendar Year 2014												Calendar Year 2015												B A L		
							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			
Individual Carbine (IC)																																	
	1	2014	ARMY	29,897	-	29,897	-	-	-	-	-	A -	-	480	480	480	480	480	3,928	3,928	3,928	3,928	3,928	3,928	3,928	3,929							-
							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	B A L		

**UNCLASSIFIED**

<b>Exhibit P-21, Budget Production Schedule:</b> PB 2014 Army		<b>Date:</b> April 2013
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 2033A: Procurement of W&TCV, Army / BA 02: Weapons and Other Combat Vehicles / BSA 10: Weapons & Other Combat Vehicles	<b>P-1 Line Item Nomenclature:</b> G13501 - Carbine	<b>Item Nomenclature:</b> G13502 - INDIVIDUAL CARBINE

		Production Rates (Each / Month)			Procurement Leadtime (Months)							
MFR #	MFR Name - Location	MSR	1-8-5	MAX	Initial				Reorder			
					ALT Prior to Oct 1	ALT After Oct 1	Mfg PLT	Total After Oct 1	ALT Prior to Oct 1	ALT After Oct 1	Mfg PLT	Total After Oct 1
1	TBD - TBD	12,000.00	36,000.00	144,000.00	3	6	2	8	3	6	2	8

"A" in the Delivery Schedule indicated the Contract Award Date.

Due to space limitations, quantities in the Exhibit P-21 delivery calendar are truncated and rounded based on the maximum quantity in the calendar as follows. If the maximum quantity is less than or equal to than 99,999, all quantities are shown as each. If the maximum quantity is between 100,000 and 99,999,499 all quantities are shown in thousands (rounded to the nearest thousand). If the maximum quantity is greater than 99,999,499 all quantities are shown in millions (rounded to the nearest million).



**UNCLASSIFIED**

<b>Exhibit P-5, Cost Analysis:</b> PB 2014 Army		<b>Date:</b> April 2013
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 2033A: Procurement of W&TCV, Army / BA 02: Weapons and Other Combat Vehicles / BSA 10: Weapons & Other Combat Vehicles	<b>P-1 Line Item Nomenclature:</b> G13501 - Carbine	<b>Item Nomenclature</b> ( <i>Item Number - Item Name, DODIC</i> ): G13503 - M4A1 CARBINE

Resource Summary	Prior Years	FY 2012	FY 2013 <sup>#</sup>	FY 2014 Base	FY 2014 OCO <sup>##</sup>	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total
Procurement Quantity ( <i>Units in Each</i> )	-	-	12,000	12,000	-	12,000	-	-	-	-	Continuing	Continuing
Gross/Weapon System Cost ( <i>\$ in Millions</i> )	-	-	21.272	21.254	-	21.254	-	-	-	-	Continuing	Continuing
Less PY Advance Procurement ( <i>\$ in Millions</i> )	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) ( <i>\$ in Millions</i> )	-	-	21.272	21.254	-	21.254	-	-	-	-	Continuing	Continuing
Plus CY Advance Procurement ( <i>\$ in Millions</i> )	-	-	-	-	-	-	-	-	-	-	-	-
<b>Total Obligation Authority</b> ( <i>\$ in Millions</i> )	-	-	<b>21.272</b>	<b>21.254</b>	-	<b>21.254</b>	-	-	-	-	<b>Continuing</b>	<b>Continuing</b>

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

Initial Spares ( <i>\$ in Millions</i> )	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost ( <i>Units in Thousands</i> )	-	-	-	1.771	-	1.771	-	-	-	-	Continuing	Continuing

<sup>#</sup> FY 2013 Program is from the FY 2013 President's Budget, submitted February 2012

<sup>##</sup> The FY 2014 OCO Request will be submitted at a later date

Cost Elements († indicates the presence of a P-5A)	ID CD	All Prior Years			FY 2012			FY 2013			FY 2014 Base			FY 2014 OCO			FY 2014 Total		
		Unit Cost (\$ K)	Quantity (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Quantity (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Quantity (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Quantity (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Quantity (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Quantity (Each)	Total Cost (\$ M)
Flyaway Cost																			
Recurring Cost																			
† 1. M4A1 Carbine		-	-	-	-	-	-	1.308	12,000	15.696	1.308	12,000	15.696	-	-	-	1.308	12,000	15.696
2. Combat Optics		-	-	-	-	-	-	0.269	12,000	3.228	0.269	12,000	3.228	-	-	-	0.269	12,000	3.228
3. Engineering, Test, & Evaluation Spt		-	-	-	-	-	-	-	-	1.548	-	-	1.530	-	-	-	-	-	1.530
4. Integrated Logistics Support (ILS)		-	-	-	-	-	-	-	-	0.300	-	-	0.300	-	-	-	-	-	0.300
5. Total Package Fielding (TPF)		-	-	-	-	-	-	-	-	0.500	-	-	0.500	-	-	-	-	-	0.500
6. New Equipment Training (NET)		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
<b>Total Recurring Cost</b>				-			-			21.272			21.254			-			21.254
<b>Total Flyaway Cost</b>				-			-			21.272			21.254			-			21.254
<b>Gross Weapon System Cost</b>				-			-			<b>21.272</b>			<b>21.254</b>			-			<b>21.254</b>

**UNCLASSIFIED**

<b>Exhibit P-5, Cost Analysis:</b> PB 2014 Army															<b>Date:</b> April 2013				
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 2033A: Procurement of W&TCV, Army / BA 02: Weapons and Other Combat Vehicles / BSA 10: Weapons & Other Combat Vehicles								<b>P-1 Line Item Nomenclature:</b> G13501 - Carbine							<b>Item Nomenclature (Item Number - Item Name, DODIC):</b> G13503 - M4A1 CARBINE				

  

Cost Elements († indicates the presence of a P-5A)	ID CD	FY 2015			FY 2016			FY 2017			FY 2018			To Complete			Total Cost		
		Unit Cost (\$ K )	Quantity (Each)	Total Cost (\$ M )	Unit Cost (\$ K )	Quantity (Each)	Total Cost (\$ M )	Unit Cost (\$ K )	Quantity (Each)	Total Cost (\$ M )	Unit Cost (\$ K )	Quantity (Each)	Total Cost (\$ M )	Unit Cost (\$ K )	Quantity (Each)	Total Cost (\$ M )	Unit Cost (\$ K )	Quantity (Each)	Total Cost (\$ M )
Flyaway Cost																			
Recurring Cost																			
† 1. M4A1 Carbine		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2. Combat Optics		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3. Engineering, Test, & Evaluation Spt		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
4. Integrated Logistics Support (ILS)		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
5. Total Package Fielding (TPF)		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
6. New Equipment Training (NET)		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Total Recurring Cost				-			-			-			-			-			-
Total Flyaway Cost				-			-			-			-			-			-
Gross Weapon System Cost				-			-			-			-	Continuing			Continuing		

  

**P-5 Remarks:**

  

Secondary Distribution		FY 2012	FY 2013	FY 2014 Base	FY 2014 OCO	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018
Army	Quantity	-	12,000	12,000	-	12,000	-	-	-	-
	Total Obligation Authority	-	21.272	21.254	-	21.254	-	-	-	-

**UNCLASSIFIED**

Exhibit P-5A, Budget Procurement History and Planning: PB 2014 Army									Date: April 2013			
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 Nomenclature: G13501 - Carbine					Item Nomenclature: G13503 - M4A1 CARBINE			
Cost Elements († indicates the presence of a P-21)	O C O	FY	Contractor and Location	Method/Type, or Funding Vehicle	Location of PCO	Award Date	Date of First Delivery	Qty (Each)	Unit Cost (\$ K )	Specs Avail Now?	Date Revsn Avail	RFP Issue Date
†1. M4A1 Carbine		2013	TBD / TBD	C / FFP	ACC- TACOM, Warren, MI	Feb 2013	Jul 2013	12,000	1.308	N		
†1. M4A1 Carbine		2014	TBD / TBD	C / FFP	ACC- TACOM, Warren, MI	Feb 2014	Jul 2014	12,000	1.308	N		

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Exhibit P-21, Budget Production Schedule: PB 2014 Army																								Date: April 2013									
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 Nomenclature: G13501 - Carbine										Item Nomenclature: G13503 - M4A1 CARBINE													
Cost Elements <i>(Units in Each)</i>							Fiscal Year 2013												Fiscal Year 2014														
O C C O	M F R #	FY	SERVICE±	PROC QTY	ACCEP PRIOR TO 1 OCT 2012	BAL DUE AS OF 1 OCT	Calendar Year 2013												Calendar Year 2014														
							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	B A L		
1. M4A1 Carbine																																	
	1	2013	ARMY	12,000	-	12,000	-	-	-	-	A -	-	-	-	-	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	-			-	
	1	2013	♦ MC	400	-	400	-	-	-	-	-	-	-	-	-	-	-	-	-	50	50	50	50	100	100	-	-	-			-		
	1	2013	♦ NAVY	1,000	-	1,000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	100	100	100	100	200	200	200			-		
	1	2013	♦ AF	150	-	150	-	-	-	-	-	-	-	-	-	-	-	50	50	50	-	-	-	-	-	-	-	-			-		
	1	2013	TOTAL	13,550	-	13,550	-	-	-	-	-	-	-	-	-	1,000	1,000	1,050	1,050	1,100	1,050	1,150	1,150	1,200	1,200	1,200	1,200	200			-		
	1	2014	ARMY	12,000	-	12,000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	A -	-	-	-	-	-	1,000	1,000	1,000	9,000	
							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	B A L		

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Exhibit P-21, Budget Production Schedule: PB 2014 Army																				Date: April 2013												
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 Nomenclature: G13501 - Carbine										Item Nomenclature: G13503 - M4A1 CARBINE												
Cost Elements <i>(Units in Each)</i>							Fiscal Year 2015										Fiscal Year 2016															
O C C O	M F R #	FY	SERVICE‡	PROC QTY	ACCEP PRIOR TO 1 OCT 2014	BAL DUE AS OF 1 OCT	Calendar Year 2015										Calendar Year 2016															
							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	B A L	
1. M4A1 Carbine																																
	1	2013	ARMY	12,000	12,000	-																										-
	1	2013	♦ MC	400	400	-																										-
	1	2013	♦ NAVY	1,000	1,000	-																										-
	1	2013	♦ AF	150	150	-																										-
	1	2013	TOTAL	13,550	13,550	-																										-
	1	2014	ARMY	12,000	3,000	9,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000																		
							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	B A L	

**UNCLASSIFIED**

<b>Exhibit P-21, Budget Production Schedule:</b> PB 2014 Army		<b>Date:</b> April 2013
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 2033A: Procurement of W&TCV, Army / BA 02: Weapons and Other Combat Vehicles / BSA 10: Weapons & Other Combat Vehicles	<b>P-1 Line Item Nomenclature:</b> G13501 - Carbine	<b>Item Nomenclature:</b> G13503 - M4A1 CARBINE

		Production Rates (Each / Month)			Procurement Leadtime (Months)							
MFR #	MFR Name - Location	MSR	1-8-5	MAX	Initial				Reorder			
					ALT Prior to Oct 1	ALT After Oct 1	Mfg PLT	Total After Oct 1	ALT Prior to Oct 1	ALT After Oct 1	Mfg PLT	Total After Oct 1
1	TBD - TBD	12,000.00	36,000.00	144,000.00	3	5	5	10	3	5	5	10

**Remarks:**  
 Production Rates are based on current Industry Standards.  
 ‡ Delivery rows marked with the ♦ symbol indicate that they are funded through a separate Line Item. See the respective components' exhibits for details, including the full delivery schedule.  
 "A" in the Delivery Schedule indicated the Contract Award Date.  
 Due to space limitations, quantities in the Exhibit P-21 delivery calendar are truncated and rounded based on the maximum quantity in the calendar as follows. If the maximum quantity is less than or equal to than 99,999, all quantities are shown as each. If the maximum quantity is between 100,000 and 99,999,499 all quantities are shown in thousands (rounded to the nearest thousand). If the maximum quantity is greater than 99,999,499 all quantities are shown in millions (rounded to the nearest million).

# UNCLASSIFIED

**Exhibit P-40, Budget Item Justification Sheet:** PB 2014 Army **Date:** April 2013

<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 2033A: Procurement of W&TCV, Army / BA 02: Weapons and Other Combat Vehicles / BSA 10: Weapons & Other Combat Vehicles	<b>P-1 Line Item Nomenclature:</b> G18300 - Shotgun, Modular Accessory System (MASS)
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<b>ID Code</b> (A=Service Ready, B=Not Service Ready) : A	<b>Program Elements for Code B Items:</b>	<b>Other Related Program Elements:</b>
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**MDAP/MAIS Code(s):**

Resource Summary	Prior Years	FY 2012	FY 2013 <sup>#</sup>	FY 2014 Base	FY 2014 OCO <sup>##</sup>	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total
Procurement Quantity ( <i>Units in Each</i> )	8,960	1,891	2,107	-	-	-	-	-	-	-	-	12,958
Gross/Weapon System Cost ( <i>\$ in Millions</i> )	28.725	6.707	6.598	-	-	-	-	-	-	-	-	42.030
Less PY Advance Procurement ( <i>\$ in Millions</i> )	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) ( <i>\$ in Millions</i> )	28.725	6.707	6.598	-	-	-	-	-	-	-	-	42.030
Plus CY Advance Procurement ( <i>\$ in Millions</i> )	-	-	-	-	-	-	-	-	-	-	-	-
<b>Total Obligation Authority</b> ( <i>\$ in Millions</i> )	<b>28.725</b>	<b>6.707</b>	<b>6.598</b>	-	-	-	-	-	-	-	-	<b>42.030</b>

*(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>Units in Thousands</i> )	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost ( <i>Units in Thousands</i> )	-	-	-	-	-	-	-	-	-	-	-	-

<sup>#</sup> FY 2013 Program is from the FY 2013 President's Budget, submitted February 2012

<sup>##</sup> The FY 2014 OCO Request will be submitted at a later date

## Description:

The M26 Modular Accessory Shotgun System (MASS) is a 12 gauge shotgun that attaches underneath the barrel of the M4 and M4A1 Carbine. The MASS can also be fired in a standalone mode. The MASS provides the capability to fire lethal, non-lethal, and door breaching 12 gauge rounds. The MASS enables Soldiers to transition between their primary lethal weapons to a less-than-lethal capability without carrying a separate shotgun. Features include a recoil-absorbing buttstock, box magazine, flip-up sights and an extendable standoff device for door breaching. The weapon system can be zeroed to the sighting system of the host weapon for improved accuracy.

Secondary Distribution		FY 2012	FY 2013	FY 2014 Base	FY 2014 OCO	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018
Army	Quantity	1,244	1,390	-	-	-	-	-	-	-
	Total Obligation Authority	4.411	4.381	-	-	-	-	-	-	-
ANG	Quantity	647	717	-	-	-	-	-	-	-
	Total Obligation Authority	2.296	2.217	-	-	-	-	-	-	-

**UNCLASSIFIED**

<b>Exhibit P-40, Budget Item Justification Sheet:</b> PB 2014 Army	<b>Date:</b> April 2013
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<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 2033A: Procurement of W&TCV, Army / BA 02: Weapons and Other Combat Vehicles / BSA 10: Weapons & Other Combat Vehicles	<b>P-1 Line Item Nomenclature:</b> G18300 - Shotgun, Modular Accessory System (MASS)
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<b>ID Code</b> (A=Service Ready, B=Not Service Ready) : A	<b>Program Elements for Code B Items:</b>	<b>Other Related Program Elements:</b>
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**MDAP/MAIS Code(s):**

Item Schedule		ID CD	Prior Years			FY 2012			FY 2013			FY 2014 Base			FY 2014 OCO			FY 2014 Total		
Item Nomenclature*	Exhibits		Unit Cost (\$ K )	Qty (Each)	Total Cost (\$ M )	Unit Cost (\$ K )	Qty (Each)	Total Cost (\$ M )	Unit Cost (\$ K )	Qty (Each)	Total Cost (\$ M )	Unit Cost (\$ K )	Qty (Each)	Total Cost (\$ M )	Unit Cost (\$ K )	Qty (Each)	Total Cost (\$ M )	Unit Cost (\$ K )	Qty (Each)	Total Cost (\$ M )
G18300 - Shotgun, Modular Accessory System (MASS)	P5, P5A, P21	A	-	-	28.725	-	1,891	6.707	-	2,107	6.598	-	-	-	-	-	-	-	-	-
<b>Total Gross/Weapon System Cost</b>					<b>28.725</b>			<b>6.707</b>			<b>6.598</b>			-			-			-

\*Item Nomenclature represents Item Number, DODIC, and Item Name for the P40A and P5; Name for the P18 and P23; Modification Number and Modification Title for the P3A; Item Number and Item Name for the P10.

Note: Totals in this Exhibit P-40 set may not be exact or add due to rounding.

**Justification:**

NO FY 2014 funding.

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**

<b>Exhibit P-5, Cost Analysis: PB 2014 Army</b>					<b>Date:</b> April 2013	
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 2033A: Procurement of W&TCV, Army / BA 02: Weapons and Other Combat Vehicles / BSA 10: Weapons & Other Combat Vehicles			<b>P-1 Line Item Nomenclature:</b> G18300 - Shotgun, Modular Accessory System (MASS)		<b>Item Nomenclature (Item Number - Item Name, DODIC):</b> G18300 - Shotgun, Modular Accessory System (MASS)	

<b>Resource Summary</b>	<b>Prior Years</b>	<b>FY 2012</b>	<b>FY 2013<sup>#</sup></b>	<b>FY 2014 Base</b>	<b>FY 2014 OCO<sup>##</sup></b>	<b>FY 2014 Total</b>
Procurement Quantity ( <i>Units in Each</i> )	-	1,891	2,107	-	-	-
Gross/Weapon System Cost ( <i>\$ in Millions</i> )	28.725	6.707	6.598	-	-	-
Less PY Advance Procurement ( <i>\$ in Millions</i> )	-	-	-	-	-	-
Net Procurement (P1) ( <i>\$ in Millions</i> )	28.725	6.707	6.598	-	-	-
Plus CY Advance Procurement ( <i>\$ in Millions</i> )	-	-	-	-	-	-
<b>Total Obligation Authority (<i>\$ in Millions</i>)</b>	<b>28.725</b>	<b>6.707</b>	<b>6.598</b>	-	-	-

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

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

<sup>#</sup> FY 2013 Program is from the FY 2013 President's Budget, submitted February 2012

<sup>##</sup> The FY 2014 OCO Request will be submitted at a later date

<b>Cost Elements</b> († indicates the presence of a P-5A)	<b>ID CD</b>	<b>All Prior Years</b>			<b>FY 2012</b>			<b>FY 2013</b>			<b>FY 2014 Base</b>			<b>FY 2014 OCO</b>			<b>FY 2014 Total</b>		
		<b>Unit Cost (\$ K)</b>	<b>Quantity (Each)</b>	<b>Total Cost (\$ M)</b>	<b>Unit Cost (\$ K)</b>	<b>Quantity (Each)</b>	<b>Total Cost (\$ M)</b>	<b>Unit Cost (\$ K)</b>	<b>Quantity (Each)</b>	<b>Total Cost (\$ M)</b>	<b>Unit Cost (\$ K)</b>	<b>Quantity (Each)</b>	<b>Total Cost (\$ M)</b>	<b>Unit Cost (\$ K)</b>	<b>Quantity (Each)</b>	<b>Total Cost (\$ M)</b>	<b>Unit Cost (\$ K)</b>	<b>Quantity (Each)</b>	<b>Total Cost (\$ M)</b>
Flyaway Cost																			
Recurring Cost																			
† 1. Shotguns		2.017	8,960	18.071	2.870	1,891	5.427	2.504	2,107	5.275	-	-	-	-	-	-	-	-	-
2. Arms Racks		0.748	488	0.365	0.819	138	0.113	0.810	84	0.068	-	-	-	-	-	-	-	-	-
3. Engineering Support		-	-	1.634	-	-	0.587	-	-	0.573	-	-	-	-	-	-	-	-	-
4. Integrated Logistics Support		-	-	0.176	-	-	0.053	-	-	0.053	-	-	-	-	-	-	-	-	-
5. Total Package Fielding (TPF)		-	-	0.175	-	-	0.156	-	-	0.160	-	-	-	-	-	-	-	-	-
6. New Equipment Training (NET)		-	-	0.174	-	-	0.371	-	-	0.469	-	-	-	-	-	-	-	-	-
<b>Total Recurring Cost</b>				<b>20.595</b>			<b>6.707</b>			<b>6.598</b>			-			-			-
<b>Total Flyaway Cost</b>				<b>20.595</b>			<b>6.707</b>			<b>6.598</b>			-			-			-
<b>Gross Weapon System Cost</b>				<b>28.725</b>			<b>6.707</b>			<b>6.598</b>			-			-			-

**P-5 Remarks:**

<b>Secondary Distribution</b>		<b>FY 2012</b>	<b>FY 2013</b>	<b>FY 2014 Base</b>	<b>FY 2014 OCO</b>	<b>FY 2014 Total</b>
Army	Quantity	1,244	1,390	-	-	-
	Total Obligation Authority	4.411	4.381	-	-	-
ANG	Quantity	647	717	-	-	-

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<b>Exhibit P-5, Cost Analysis:</b> PB 2014 Army				<b>Date:</b> April 2013	
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 2033A: Procurement of W&TCV, Army / BA 02: Weapons and Other Combat Vehicles / BSA 10: Weapons & Other Combat Vehicles		<b>P-1 Line Item Nomenclature:</b> G18300 - Shotgun, Modular Accessory System (MASS)		<b>Item Nomenclature</b> ( <i>Item Number - Item Name, DODIC</i> ): G18300 - Shotgun, Modular Accessory System (MASS)	

Secondary Distribution		FY 2012	FY 2013	FY 2014 Base	FY 2014 OCO	FY 2014 Total
Total Obligation Authority		2.296	2.217	-	-	-

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Exhibit P-5A, Budget Procurement History and Planning: PB 2014 Army									Date: April 2013			
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 Nomenclature: G18300 - Shotgun, Modular Accessory System (MASS)					Item Nomenclature: G18300 - Shotgun, Modular Accessory System (MASS)			
Cost Elements († indicates the presence of a P-21)	O C O	FY	Contractor and Location	Method/Type, or Funding Vehicle	Location of PCO	Award Date	Date of First Delivery	Qty (Each)	Unit Cost (\$ K )	Specs Avail Now?	Date Revsn Avail	RFP Issue Date
†1. Shotguns		2012	C-More / Warrenton VA	SS / FFP	ACC- Picatinny, Picatinny, NJ	Mar 2012	Apr 2013	1,891	2.870	N		
†1. Shotguns		2013	C-More / Warrenton VA	SS / FFP	ACC- Picatinny, Picatinny, NJ	Mar 2013	Nov 2013	2,107	2.504	N		
Remarks: Full Rate Production (FRP) contract awarded March 2012.												

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Exhibit P-21, Budget Production Schedule: PB 2014 Army																							Date: April 2013									
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 Nomenclature: G18300 - Shotgun, Modular Accessory System (MASS)													Item Nomenclature: G18300 - Shotgun, Modular Accessory System (MASS)									
Cost Elements (Units in Each)							Fiscal Year 2012												Fiscal Year 2013													
O C C O	M F R #	FY	SERVICE±	PROC QTY	ACCEP PRIOR TO 1 OCT 2011	BAL DUE AS OF 1 OCT	Calendar Year 2012												Calendar Year 2013												BAL	
							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. Shotguns																																
	1	2012	ARMY	1,891	-	1,891	-	-	-	-	-	A -	-	-	-	-	-	-	-	-	-	-	-	-	-	49	350	350	350	350	350	92
	1	2013	ARMY (VIII)	2,107	-	2,107	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	A -	-	-	-	-	-	-	-	2,107
							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	B A L	

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Exhibit P-21, Budget Production Schedule: PB 2014 Army																								Date: April 2013											
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 Nomenclature: G18300 - Shotgun, Modular Accessory System (MASS)																Item Nomenclature: G18300 - Shotgun, Modular Accessory System (MASS)											
Cost Elements <i>(Units in Each)</i>							Fiscal Year 2014												Fiscal Year 2015																
O C C O	M F R #	FY	SERVICE <sup>‡</sup>	PROC QTY	ACCEP PRIOR TO 1 OCT 2013	BAL DUE AS OF 1 OCT	Calendar Year 2014																Calendar Year 2015												
							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	B A L				
1. Shotguns																																			
	1	2012	ARMY	1,891	1,799	92	92																									-			
	1	2013	ARMY <sup>(VIII)</sup>	2,107	-	2,107	-	255	350	350	350	350	350	102																		-			
							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	B A L				

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<b>Exhibit P-21, Budget Production Schedule:</b> PB 2014 Army		<b>Date:</b> April 2013
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 2033A: Procurement of W&TCV, Army / BA 02: Weapons and Other Combat Vehicles / BSA 10: Weapons & Other Combat Vehicles	<b>P-1 Line Item Nomenclature:</b> G18300 - Shotgun, Modular Accessory System (MASS)	<b>Item Nomenclature:</b> G18300 - Shotgun, Modular Accessory System (MASS)

		Production Rates (Each / Month)			Procurement Leadtime (Months)							
MFR #	MFR Name - Location	MSR	1-8-5	MAX	Initial				Reorder			
					ALT Prior to Oct 1	ALT After Oct 1	Mfg PLT	Total After Oct 1	ALT Prior to Oct 1	ALT After Oct 1	Mfg PLT	Total After Oct 1
1	C-More - Warrenton VA	700.00	4,200.00	5,345.00	3	6	13	19	3	6	8	14

"A" in the Delivery Schedule indicated the Contract Award Date.

Due to space limitations, quantities in the Exhibit P-21 delivery calendar are truncated and rounded based on the maximum quantity in the calendar as follows. If the maximum quantity is less than or equal to than 99,999, all quantities are shown as each. If the maximum quantity is between 100,000 and 99,999,499 all quantities are shown in thousands (rounded to the nearest thousand). If the maximum quantity is greater than 99,999,499 all quantities are shown in millions (rounded to the nearest million).

**Service/Agency Suffixes:**

(VIII) BASE

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**Exhibit P-40, Budget Item Justification Sheet:** PB 2014 Army **Date:** April 2013

<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 2033A: Procurement of W&TCV, Army / BA 02: Weapons and Other Combat Vehicles / BSA 10: Weapons & Other Combat Vehicles	<b>P-1 Line Item Nomenclature:</b> G04700 - Common Remotely Operated Weapons Station
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<b>ID Code</b> (A=Service Ready, B=Not Service Ready) : A	<b>Program Elements for Code B Items:</b>	<b>Other Related Program Elements:</b> 0604601A
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**MDAP/MAIS Code(s):**

Resource Summary	Prior Years	FY 2012	FY 2013 <sup>#</sup>	FY 2014 Base	FY 2014 OCO <sup>##</sup>	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total
Procurement Quantity ( <i>Units in Each</i> )	8,425	-	240	242	-	242	242	242	246	252	Continuing	Continuing
Gross/Weapon System Cost ( <i>\$ in Millions</i> )	2,053.343	14.890	56.725	56.580	-	56.580	56.911	56.945	57.898	59.250	Continuing	Continuing
Less PY Advance Procurement ( <i>\$ in Millions</i> )	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) ( <i>\$ in Millions</i> )	2,053.343	14.890	56.725	56.580	-	56.580	56.911	56.945	57.898	59.250	Continuing	Continuing
Plus CY Advance Procurement ( <i>\$ in Millions</i> )	-	-	-	-	-	-	-	-	-	-	-	-
<b>Total Obligation Authority</b> ( <i>\$ in Millions</i> )	<b>2,053.343</b>	<b>14.890</b>	<b>56.725</b>	<b>56.580</b>	<b>-</b>	<b>56.580</b>	<b>56.911</b>	<b>56.945</b>	<b>57.898</b>	<b>59.250</b>	<b>Continuing</b>	<b>Continuing</b>

*(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>Units in Thousands</i> )	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost ( <i>Units in Thousands</i> )	-	-	-	233.802	-	233.802	-	-	-	-	Continuing	Continuing

<sup>#</sup> FY 2013 Program is from the FY 2013 President's Budget, submitted February 2012

<sup>##</sup> The FY 2014 OCO Request will be submitted at a later date

**Description:**

The M153 Common Remotely Operated Weapon Station (CROWS) is an integrated system that provides the capability to remotely operate all standard U.S. Army machine guns (i.e., M2 Heavy Barrel Machine Guns, MK-19 Grenade Machine Guns, M240B/L Medium Machine Guns and M249 Squad Automatic Weapons) on a variety of vehicles from an Up-Armored High Mobility Multi-Purpose Wheeled Vehicle (HMMWV) to a M1A2 Main Battle Tank. The CROWS system includes a three axis stabilized mount, a sensor suite with fire control software, and a vehicle integration kit. CROWS permits the gunner to manipulate the sight and weapon from under armor using a hand controller and a flat panel display. Missions can be carried out under conditions of varying visibility via the day camera or thermal camera. The laser range finder and three-axis stabilization allows for accurate fire on the move.

Secondary Distribution		FY 2012	FY 2013	FY 2014 Base	FY 2014 OCO	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018
Army	Quantity	-	117	118	-	118	118	118	122	128
	Total Obligation Authority	14.890	27.545	27.400	-	27.400	27.731	27.765	28.718	30.070
ANG	Quantity	-	97	98	-	98	98	98	98	98
	Total Obligation Authority	-	23.000	23.000	-	23.000	23.000	23.000	23.000	23.000
AR	Quantity	-	26	26	-	26	26	26	26	26
	Total Obligation Authority	-	6.180	6.180	-	6.180	6.180	6.180	6.180	6.180

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<b>Exhibit P-40, Budget Item Justification Sheet:</b> PB 2014 Army																<b>Date:</b> April 2013					
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 2033A: Procurement of W&TCV, Army / BA 02: Weapons and Other Combat Vehicles / BSA 10: Weapons & Other Combat Vehicles												<b>P-1 Line Item Nomenclature:</b> G04700 - Common Remotely Operated Weapons Station									
<b>ID Code</b> (A=Service Ready, B=Not Service Ready) : A						<b>Program Elements for Code B Items:</b>						<b>Other Related Program Elements:</b> 0604601A									
<b>MDAP/MAIS Code(s):</b>																					

  

Item Schedule		ID CD	Prior Years			FY 2012			FY 2013			FY 2014 Base			FY 2014 OCO			FY 2014 Total		
Item Nomenclature*	Exhibits		Unit Cost (\$ K )	Qty (Each)	Total Cost (\$ M )	Unit Cost (\$ K )	Qty (Each)	Total Cost (\$ M )	Unit Cost (\$ K )	Qty (Each)	Total Cost (\$ M )	Unit Cost (\$ K )	Qty (Each)	Total Cost (\$ M )	Unit Cost (\$ K )	Qty (Each)	Total Cost (\$ M )	Unit Cost (\$ K )	Qty (Each)	Total Cost (\$ M )
G04700 - Common Remotely Operated Weapons Station	P5, P5A, P21	A	-	-	2,053.343	-	-	14.890	-	240	56.725	233.802	242	56.580	-	-	-	233.802	242	56.580
<b>Total Gross/Weapon System Cost</b>					<b>2,053.343</b>			<b>14.890</b>			<b>56.725</b>			<b>56.580</b>			<b>-</b>			<b>56.580</b>

  

Item Schedule		ID CD	FY 2015			FY 2016			FY 2017			FY 2018			To Complete			Total		
Item Nomenclature*	Exhibits		Unit Cost (\$ K )	Qty (Each)	Total Cost (\$ M )	Unit Cost (\$ K )	Qty (Each)	Total Cost (\$ M )	Unit Cost (\$ K )	Qty (Each)	Total Cost (\$ M )	Unit Cost (\$ K )	Qty (Each)	Total Cost (\$ M )	Unit Cost (\$ K )	Qty (Each)	Total Cost (\$ M )	Unit Cost (\$ K )	Qty (Each)	Total Cost (\$ M )
G04700 - Common Remotely Operated Weapons Station	P5, P5A, P21	A	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
<b>Total Gross/Weapon System Cost</b>					<b>56.911</b>			<b>56.945</b>			<b>57.898</b>			<b>59.250</b>	<b>Continuing</b>		<b>Continuing</b>	<b>Continuing</b>	<b>Continuing</b>	

\*Item Nomenclature represents Item Number, DODIC, and Item Name for the P40A and P5; Name for the P18 and P23; Modification Number and Modification Title for the P3A; Item Number and Item Name for the P10.

Note: Totals in this Exhibit P-40 set may not be exact or add due to rounding.

**Justification:**  
FY 2014 Base procurement dollars in the amount of \$56.580 million supports the Active Army, Army Reserve and National Guard by purchasing 242 M153 Common Remotely Operated Weapon Stations (CROWS). The CROWS system enhances Soldier survivability while increasing lethality and situational awareness.

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.



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<b>Exhibit P-5, Cost Analysis: PB 2014 Army</b>		<b>Date:</b> April 2013
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 2033A: Procurement of W&TCV, Army / BA 02: Weapons and Other Combat Vehicles / BSA 10: Weapons & Other Combat Vehicles	<b>P-1 Line Item Nomenclature:</b> G04700 - Common Remotely Operated Weapons Station	<b>Item Nomenclature (Item Number - Item Name, DODIC):</b> G04700 - Common Remotely Operated Weapons Station

Resource Summary	Prior Years	FY 2012	FY 2013 <sup>#</sup>	FY 2014 Base	FY 2014 OCO <sup>##</sup>	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total
Procurement Quantity ( <i>Units in Each</i> )	-	-	240	242	-	242	-	-	-	-	Continuing	Continuing
Gross/Weapon System Cost ( <i>\$ in Millions</i> )	2,053.343	14.890	56.725	56.580	-	56.580	-	-	-	-	Continuing	Continuing
Less PY Advance Procurement ( <i>\$ in Millions</i> )	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) ( <i>\$ in Millions</i> )	2,053.343	14.890	56.725	56.580	-	56.580	-	-	-	-	Continuing	Continuing
Plus CY Advance Procurement ( <i>\$ in Millions</i> )	-	-	-	-	-	-	-	-	-	-	-	-
<b>Total Obligation Authority (<i>\$ in Millions</i>)</b>	<b>2,053.343</b>	<b>14.890</b>	<b>56.725</b>	<b>56.580</b>	<b>-</b>	<b>56.580</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>Continuing</b>	<b>Continuing</b>

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

Initial Spares ( <i>\$ in Millions</i> )	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost ( <i>Units in Thousands</i> )	-	-	-	233.802	-	233.802	-	-	-	-	Continuing	Continuing

<sup>#</sup> FY 2013 Program is from the FY 2013 President's Budget, submitted February 2012

<sup>##</sup> The FY 2014 OCO Request will be submitted at a later date

Cost Elements († indicates the presence of a P-5A)	ID CD	All Prior Years			FY 2012			FY 2013			FY 2014 Base			FY 2014 OCO			FY 2014 Total		
		Unit Cost (\$ K)	Quantity (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Quantity (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Quantity (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Quantity (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Quantity (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Quantity (Each)	Total Cost (\$ M)
Flyaway Cost																			
Recurring Cost																			
† CROWS system		198.200	8,425	1,669.831	-	-	-	200.000	240	48.000	200.000	242	48.400	-	-	-	200.000	242	48.400
First Article Test (Items/Hardware)		-	-	-	-	-	10.206	-	-	-	-	-	-	-	-	-	-	-	-
Vehicle Integration Kit		-	-	44.746	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Trainers		-	-	19.816	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Engineering Support		-	-	83.334	-	-	2.106	-	-	1.878	-	-	1.723	-	-	-	-	-	1.723
Integrated Logistics Support		-	-	31.449	-	-	0.182	-	-	0.685	-	-	0.695	-	-	-	-	-	0.695
Total Package Fielding		-	-	33.551	-	-	0.252	-	-	1.040	-	-	0.818	-	-	-	-	-	0.818
Contractor Field Service Representatives		-	-	11.245	-	-	0.219	-	-	0.918	-	-	0.974	-	-	-	-	-	0.974
Production Verification Test		-	-	22.529	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
First Destination Transportation		-	-	3.883	-	-	0.030	-	-	0.024	-	-	0.024	-	-	-	-	-	0.024
Spares/Repair Parts		-	-	99.061	-	-	1.746	-	-	3.620	-	-	3.382	-	-	-	-	-	3.382
New Equipment Training		-	-	33.898	-	-	0.149	-	-	0.560	-	-	0.564	-	-	-	-	-	0.564

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<b>Exhibit P-5, Cost Analysis:</b> PB 2014 Army															<b>Date:</b> April 2013				
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 2033A: Procurement of W&TCV, Army / BA 02: Weapons and Other Combat Vehicles / BSA 10: Weapons & Other Combat Vehicles								<b>P-1 Line Item Nomenclature:</b> G04700 - Common Remotely Operated Weapons Station							<b>Item Nomenclature (Item Number - Item Name, DODIC):</b> G04700 - Common Remotely Operated Weapons Station				

  

Cost Elements († indicates the presence of a P-5A)	ID CD	All Prior Years			FY 2012			FY 2013			FY 2014 Base			FY 2014 OCO			FY 2014 Total		
		Unit Cost (\$ K )	Quantity (Each)	Total Cost (\$ M )	Unit Cost (\$ K )	Quantity (Each)	Total Cost (\$ M )	Unit Cost (\$ K )	Quantity (Each)	Total Cost (\$ M )	Unit Cost (\$ K )	Quantity (Each)	Total Cost (\$ M )	Unit Cost (\$ K )	Quantity (Each)	Total Cost (\$ M )	Unit Cost (\$ K )	Quantity (Each)	Total Cost (\$ M )
Total Recurring Cost				2,053.343			14.890			56.725			56.580			-			56.580
Total Flyaway Cost				2,053.343			14.890			56.725			56.580			-			56.580
Gross Weapon System Cost				2,053.343			14.890			56.725			56.580			-			56.580

  

Cost Elements († indicates the presence of a P-5A)	ID CD	FY 2015			FY 2016			FY 2017			FY 2018			To Complete			Total Cost		
		Unit Cost (\$ K )	Quantity (Each)	Total Cost (\$ M )	Unit Cost (\$ K )	Quantity (Each)	Total Cost (\$ M )	Unit Cost (\$ K )	Quantity (Each)	Total Cost (\$ M )	Unit Cost (\$ K )	Quantity (Each)	Total Cost (\$ M )	Unit Cost (\$ K )	Quantity (Each)	Total Cost (\$ M )	Unit Cost (\$ K )	Quantity (Each)	Total Cost (\$ M )
Flyaway Cost																			
Recurring Cost																			
† CROWS system		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
First Article Test (Items/Hardware)		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Vehicle Integration Kit		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Trainers		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Engineering Support		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Integrated Logistics Support		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Total Package Fielding		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Contractor Field Service Representatives		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Production Verification Test		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
First Destination Transportation		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Spares/Repair Parts		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
New Equipment Training		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Total Recurring Cost				-			-			-			-			-			-
Total Flyaway Cost				-			-			-			-			-			-
Gross Weapon System Cost				-			-			-			-	Continuing			Continuing		

  

**P-5 Remarks:**

**UNCLASSIFIED**

<b>Exhibit P-5, Cost Analysis:</b> PB 2014 Army						<b>Date:</b> April 2013			
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 2033A: Procurement of W&TCV, Army / BA 02: Weapons and Other Combat Vehicles / BSA 10: Weapons & Other Combat Vehicles			<b>P-1 Line Item Nomenclature:</b> G04700 - Common Remotely Operated Weapons Station			<b>Item Nomenclature</b> ( <i>Item Number - Item Name, DODIC</i> ): G04700 - Common Remotely Operated Weapons Station			

Secondary Distribution		FY 2012	FY 2013	FY 2014 Base	FY 2014 OCO	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018
Army	Quantity	-	117	118	-	118	-	-	-	-
	Total Obligation Authority	14.890	27.545	27.400	-	27.400	-	-	-	-
ANG	Quantity	-	97	98	-	98	-	-	-	-
	Total Obligation Authority	-	23.000	23.000	-	23.000	-	-	-	-
AR	Quantity	-	26	26	-	26	-	-	-	-
	Total Obligation Authority	-	6.180	6.180	-	6.180	-	-	-	-

# UNCLASSIFIED

Exhibit P-5A, Budget Procurement History and Planning: PB 2014 Army									Date: April 2013			
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 Nomenclature: G04700 - Common Remotely Operated Weapons Station					Item Nomenclature: G04700 - Common Remotely Operated Weapons Station			
Cost Elements († indicates the presence of a P-21)	O C O	FY	Contractor and Location	Method/Type, or Funding Vehicle	Location of PCO	Award Date	Date of First Delivery	Qty (Each)	Unit Cost (\$ K )	Specs Avail Now?	Date Revsn Avail	RFP Issue Date
†CROWS system		2013	TBS / TBS	SS / FFP	ACC- Picatinny, Picatinny,NJ	Mar 2013	Aug 2013	240	200.000	N		
†CROWS system		2014	Kongsberg Protech Systems USA / Johnstown, PA	C / FFP	ACC- Picatinny, Picatinny,NJ	Mar 2014	Aug 2014	242	200.000	N		
Remarks: Special license agreement for the Technical Data Package (TDP) is required to conduct a full and open competition.  Award of competitive contract in September 2012 will procure First Article Test items, hardware to support First Article Testing and engineering support.												

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Exhibit P-21, Budget Production Schedule: PB 2014 Army																								Date: April 2013											
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 Nomenclature: G04700 - Common Remotely Operated Weapons Station												Item Nomenclature: G04700 - Common Remotely Operated Weapons Station											
Cost Elements (Units in Each)							Fiscal Year 2013												Fiscal Year 2014																
O C O	M F R #	FY	SERVICE <sup>‡</sup>	PROC QTY	ACCEP PRIOR TO 1 OCT 2012	BAL DUE AS OF 1 OCT	Calendar Year 2013																Calendar Year 2014												B A L
							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					
CROWS system																																			
	1	2013	ARMY <sup>(IX)</sup>	240	-	240	-	-	-	-	-	-	A -	-	-	-	-	24	40	40	40	40	40	16									-		
	2	2014	ARMY <sup>(X)</sup>	242	-	242	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	A -	-	-	-	-	40	40	162				
							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	B A L				

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Exhibit P-21, Budget Production Schedule: PB 2014 Army																		Date: April 2013																							
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 Nomenclature: G04700 - Common Remotely Operated Weapons Station																		Item Nomenclature: G04700 - Common Remotely Operated Weapons Station													
Cost Elements <i>(Units in Each)</i>							Fiscal Year 2015														Fiscal Year 2016																				
O C C O	M F R #	FY	SERVICE <sup>‡</sup>	PROC QTY	ACCEP PRIOR TO 1 OCT 2014	BAL DUE AS OF 1 OCT	Calendar Year 2015														Calendar Year 2016																				
							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	B A L										
CROWS system																																									
	1	2013	ARMY <sup>(IX)</sup>	240	240	-																									-										
	2	2014	ARMY <sup>(X)</sup>	242	80	162	40	40	40	40	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	B A L										

# UNCLASSIFIED

<b>Exhibit P-21, Budget Production Schedule:</b> PB 2014 Army		<b>Date:</b> April 2013
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 2033A: Procurement of W&TCV, Army / BA 02: Weapons and Other Combat Vehicles / BSA 10: Weapons & Other Combat Vehicles	<b>P-1 Line Item Nomenclature:</b> G04700 - Common Remotely Operated Weapons Station	<b>Item Nomenclature:</b> G04700 - Common Remotely Operated Weapons Station

		Production Rates (Each / Month)			Procurement Leadtime (Months)							
MFR #	MFR Name - Location	MSR	1-8-5	MAX	Initial				Reorder			
					ALT Prior to Oct 1	ALT After Oct 1	Mfg PLT	Total After Oct 1	ALT Prior to Oct 1	ALT After Oct 1	Mfg PLT	Total After Oct 1
1	TBS - TBS	40.00	4,800.00	6,000.00	6	6	5	11	6	6	5	11
2	Kongsberg Protech Systems USA - Johnstown, PA	40.00	4,800.00	6,000.00	6	6	5	11	6	6	5	11

**Remarks:**

Other service buys on P-21 do not include other Army requirements, such as the Vanguard, M1A2 Abrams Main Battle Tank, Joint Lightweight Tactical Vehicles (JLTV) and M93 Fox programs. Monthly production rates on the P-21 do not reflect those other buys, which offset apparent gaps in production and rates below the minimum.

"A" in the Delivery Schedule indicated the Contract Award Date.

Due to space limitations, quantities in the Exhibit P-21 delivery calendar are truncated and rounded based on the maximum quantity in the calendar as follows. If the maximum quantity is less than or equal to than 99,999, all quantities are shown as each. If the maximum quantity is between 100,000 and 99,999,499 all quantities are shown in thousands (rounded to the nearest thousand). If the maximum quantity is greater than 99,999,499 all quantities are shown in millions (rounded to the nearest million).

**Service/Agency Suffixes:**

(IX) BASE

(X) BASE

# UNCLASSIFIED

<b>Exhibit P-40, Budget Item Justification Sheet:</b> PB 2014 Army										<b>Date:</b> April 2013		
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 2033A: Procurement of W&TCV, Army / BA 02: Weapons and Other Combat Vehicles / BSA 10: Weapons & Other Combat Vehicles							<b>P-1 Line Item Nomenclature:</b> G15325 - Handgun					
<b>ID Code</b> (A=Service Ready, B=Not Service Ready) : B				<b>Program Elements for Code B Items:</b> 0604601A				<b>Other Related Program Elements:</b>				
<b>MDAP/MAIS Code(s):</b>												
<b>Resource Summary</b>	<b>Prior Years</b>	<b>FY 2012</b>	<b>FY 2013<sup>#</sup></b>	<b>FY 2014 Base</b>	<b>FY 2014 OCO<sup>##</sup></b>	<b>FY 2014 Total</b>	<b>FY 2015</b>	<b>FY 2016</b>	<b>FY 2017</b>	<b>FY 2018</b>	<b>To Complete</b>	<b>Total</b>
Procurement Quantity ( <i>Units in Each</i> )	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost ( <i>\$ in Millions</i> )	-	-	-	0.300	-	0.300	-	-	-	-	-	0.300
Less PY Advance Procurement ( <i>\$ in Millions</i> )	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) ( <i>\$ in Millions</i> )	-	-	-	0.300	-	0.300	-	-	-	-	-	0.300
Plus CY Advance Procurement ( <i>\$ in Millions</i> )	-	-	-	-	-	-	-	-	-	-	-	-
<b>Total Obligation Authority</b> ( <i>\$ in Millions</i> )	-	-	-	<b>0.300</b>	-	<b>0.300</b>	-	-	-	-	-	<b>0.300</b>
<i>(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)</i>												
Initial Spares ( <i>\$ in Millions</i> )	-	-	-	-	-	-	-	-	-	-	-	-
Flyaway Unit Cost ( <i>Units in Thousands</i> )	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost ( <i>Units in Thousands</i> )	-	-	-	-	-	-	-	-	-	-	-	-
<p><sup>#</sup> FY 2013 Program is from the FY 2013 President's Budget, submitted February 2012</p> <p><sup>##</sup> The FY 2014 OCO Request will be submitted at a later date</p> <p><b>Description:</b> Currently the M9 Pistol is utilized as the personal defense weapon provided in the field. In FY 2014, the new Modular Handgun System (MHS) will be a New Start replacing both the M9 and M11 handguns. The full and open competition for a Commercial Off the Shelf/ Non-Developmental Item (COTS/NDI) MHS solution, will be an open caliber competition. Requirements for competition are increased lethality, modularity, system accuracy, reliability and maintainability. Handgun is a New Start in FY 2014.</p>												
<p><b>Justification:</b> FY 2014 Base procurement dollars in the amount of \$0.300 million supports engineering and contracting activities necessary short of award and bid sample testing scheduled for first quarter FY 2014 immediately followed by source selection and contract award. The MHS will provide the Soldier with a more lethal, modular, ergonomic, accurate and reliable sidearm than the current M9 and M11 personal defense weapons.</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>												



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<b>Exhibit P-40, Budget Item Justification Sheet:</b> PB 2014 Army										<b>Date:</b> April 2013		
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> G033A: Procurement of W&TCV, Army / BA 02: Weapons and Other Combat Vehicles / BSA 10: Weapons & Other Combat Vehicles							<b>P-1 Line Item Nomenclature:</b> G01700 - Howitzer Lt Wt 155mm (T)					
<b>ID Code</b> (A=Service Ready, B=Not Service Ready) : A				<b>Program Elements for Code B Items:</b>				<b>Other Related Program Elements:</b>				
<b>MDAP/MAIS Code(s):</b>												
<b>Resource Summary</b>	<b>Prior Years</b>	<b>FY 2012</b>	<b>FY 2013<sup>#</sup></b>	<b>FY 2014 Base</b>	<b>FY 2014 OCO<sup>##</sup></b>	<b>FY 2014 Total</b>	<b>FY 2015</b>	<b>FY 2016</b>	<b>FY 2017</b>	<b>FY 2018</b>	<b>To Complete</b>	<b>Total</b>
Procurement Quantity <i>(Units in Each)</i>	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost <i>(\$ in Millions)</i>	1,224.395	13.066	13.827	-	-	-	-	-	-	-	Continuing	Continuing
Less PY Advance Procurement <i>(\$ in Millions)</i>	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) <i>(\$ in Millions)</i>	1,224.395	13.066	13.827	-	-	-	-	-	-	-	Continuing	Continuing
Plus CY Advance Procurement <i>(\$ in Millions)</i>	-	-	-	-	-	-	-	-	-	-	-	-
<b>Total Obligation Authority</b> <i>(\$ in Millions)</i>	<b>1,224.395</b>	<b>13.066</b>	<b>13.827</b>	-	-	-	-	-	-	-	<b>Continuing</b>	<b>Continuing</b>
<i>(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)</i>												
Initial Spares <i>(\$ in Millions)</i>	-	-	-	-	-	-	-	-	-	-	-	-
Flyaway Unit Cost <i>(Units in Thousands)</i>	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost <i>(Units in Thousands)</i>	-	-	-	-	-	-	-	-	-	-	-	-
<sup>#</sup> FY 2013 Program is from the FY 2013 President's Budget, submitted February 2012 <sup>##</sup> The FY 2014 OCO Request will be submitted at a later date <b>Description:</b> The Lightweight 155mm Howitzer (LW155), also known as the M777A2, provides direct, reinforcing, and general support fires to maneuver forces. It replaces all howitzers in all missions in the USMC and replaces the M198 howitzer as the general support artillery for light forces in the Army. The LW155 fires unassisted projectiles to a range of 15 miles and assisted projectiles to 19 miles. The addition of the digital fire control system enables the weapon to program and fire the improved Excalibur precision-guided munition to ranges in excess of 25 miles with better than 10-meter Circular Error Probable (CEP) accuracy. The LW155 is the first ground combat system whose major structures are made of high strength titanium alloy and the system makes extensive use of hydraulics to operate the breech, load tray, recoil and wheel arms. The combination of titanium structures and the use of hydraulic systems resulted in a significant weight savings over the M198 system (>7000 lbs.). Compared to the M198, the LW155 emplaces three-times faster and displaces four-times faster. It traverses 32 percent more terrain worldwide and is 70 percent more survivable than the M198. The LW155 is the cannon fire support for the Army's Stryker Brigade Combat Teams (SBCT) and is capable of firing the 155mm Excalibur Precision Munition and the Precision Guidance Kit when available.												
<b>Secondary Distribution</b>		<b>FY 2012</b>	<b>FY 2013</b>	<b>FY 2014 Base</b>	<b>FY 2014 OCO</b>	<b>FY 2014 Total</b>	<b>FY 2015</b>	<b>FY 2016</b>	<b>FY 2017</b>	<b>FY 2018</b>		
Army	Quantity	-	-	-	-	-	-	-	-	-	-	
	Total Obligation Authority	7.705	8.221	-	-	-	-	-	-	-	-	
ANG	Quantity	-	-	-	-	-	-	-	-	-	-	
	Total Obligation Authority	5.361	5.606	-	-	-	-	-	-	-	-	

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<b>Exhibit P-40, Budget Item Justification Sheet:</b> PB 2014 Army																<b>Date:</b> April 2013					
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 2033A: Procurement of W&TCV, Army / BA 02: Weapons and Other Combat Vehicles / BSA 10: Weapons & Other Combat Vehicles												<b>P-1 Line Item Nomenclature:</b> G01700 - Howitzer Lt Wt 155mm (T)									
<b>ID Code</b> (A=Service Ready, B=Not Service Ready) : A						<b>Program Elements for Code B Items:</b>						<b>Other Related Program Elements:</b>									
<b>MDAP/MAIS Code(s):</b>																					

Item Schedule			Prior Years			FY 2012			FY 2013			FY 2014 Base			FY 2014 OCO			FY 2014 Total		
Item Nomenclature*	Exhibits	ID CD	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)
G01700 - Howitzer Lt Wt 155mm (T)	P5, P5A, P21	A	-	-	1,224.395	-	-	13.066	-	-	13.827	-	-	-	-	-	-	-	-	-
<b>Total Gross/Weapon System Cost</b>					<b>1,224.395</b>			<b>13.066</b>			<b>13.827</b>			-			-			-

Item Schedule			FY 2015			FY 2016			FY 2017			FY 2018			To Complete			Total		
Item Nomenclature*	Exhibits	ID CD	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)
G01700 - Howitzer Lt Wt 155mm (T)	P5, P5A, P21	A	-	-	-	-	-	-	-	-	-	-	-	-	Continuing			Continuing		
<b>Total Gross/Weapon System Cost</b>					-			-			-			-	<b>Continuing</b>			<b>Continuing</b>		

\*Item Nomenclature represents Item Number, DODIC, and Item Name for the P40A and P5; Name for the P18 and P23; Modification Number and Modification Title for the P3A; Item Number and Item Name for the P10.

Note: Totals in this Exhibit P-40 set may not be exact or add due to rounding.

**Justification:**  
No FY 2014 funding.

**UNCLASSIFIED**

<b>Exhibit P-5, Cost Analysis: PB 2014 Army</b>										<b>Date:</b> April 2013		
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 2033A: Procurement of W&TCV, Army / BA 02: Weapons and Other Combat Vehicles / BSA 10: Weapons & Other Combat Vehicles					<b>P-1 Line Item Nomenclature:</b> G01700 - Howitzer Lt Wt 155mm (T)					<b>Item Nomenclature (Item Number - Item Name, DODIC):</b> G01700 - Howitzer Lt Wt 155mm (T)		

Resource Summary	Prior Years	FY 2012	FY 2013 <sup>#</sup>	FY 2014 Base	FY 2014 OCO <sup>##</sup>	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total
Procurement Quantity ( <i>Units in Each</i> )	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost ( <i>\$ in Millions</i> )	1,224.395	13.066	13.827	-	-	-	-	-	-	-	Continuing	Continuing
Less PY Advance Procurement ( <i>\$ in Millions</i> )	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) ( <i>\$ in Millions</i> )	1,224.395	13.066	13.827	-	-	-	-	-	-	-	Continuing	Continuing
Plus CY Advance Procurement ( <i>\$ in Millions</i> )	-	-	-	-	-	-	-	-	-	-	-	-
<b>Total Obligation Authority (<i>\$ in Millions</i>)</b>	<b>1,224.395</b>	<b>13.066</b>	<b>13.827</b>	-	-	-	-	-	-	-	<b>Continuing</b>	<b>Continuing</b>

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

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

<sup>#</sup> FY 2013 Program is from the FY 2013 President's Budget, submitted February 2012

<sup>##</sup> The FY 2014 OCO Request will be submitted at a later date

Cost Elements († indicates the presence of a P-5A)	ID CD	All Prior Years			FY 2012			FY 2013			FY 2014 Base			FY 2014 OCO			FY 2014 Total		
		Unit Cost (\$ K)	Quantity (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Quantity (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Quantity (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Quantity (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Quantity (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Quantity (Each)	Total Cost (\$ M)
Flyaway Cost																			
Recurring Cost																			
System Engineering / Program Management		-	-	24.453	-	-	3.066	-	-	3.360	-	-	-	-	-	-	-	-	-
Interim Contractor Support (ICS)/FSR/NET		-	-	12.000	-	-	10.000	-	-	10.467	-	-	-	-	-	-	-	-	-
† BAE Lightweight 155mm Howitzer		1,900.000	531	1,008.937	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Total Recurring Cost				1,045.390			13.066			13.827			-			-			-
Total Flyaway Cost				1,045.390			13.066			13.827			-			-			-
Gross Weapon System Cost				1,224.395			13.066			13.827			-			-			-

Cost Elements († indicates the presence of a P-5A)	ID CD	FY 2015			FY 2016			FY 2017			FY 2018			To Complete			Total Cost		
		Unit Cost (\$ K)	Quantity (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Quantity (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Quantity (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Quantity (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Quantity (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Quantity (Each)	Total Cost (\$ M)
Flyaway Cost																			
Recurring Cost																			

**UNCLASSIFIED**

<b>Exhibit P-5, Cost Analysis:</b> PB 2014 Army														<b>Date:</b> April 2013					
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 2033A: Procurement of W&TCV, Army / BA 02: Weapons and Other Combat Vehicles / BSA 10: Weapons & Other Combat Vehicles							<b>P-1 Line Item Nomenclature:</b> G01700 - Howitzer Lt Wt 155mm (T)							<b>Item Nomenclature (Item Number - Item Name, DODIC):</b> G01700 - Howitzer Lt Wt 155mm (T)					

Cost Elements († indicates the presence of a P-5A)	ID CD	FY 2015			FY 2016			FY 2017			FY 2018			To Complete			Total Cost		
		Unit Cost (\$ K )	Quantity (Each)	Total Cost (\$ M )	Unit Cost (\$ K )	Quantity (Each)	Total Cost (\$ M )	Unit Cost (\$ K )	Quantity (Each)	Total Cost (\$ M )	Unit Cost (\$ K )	Quantity (Each)	Total Cost (\$ M )	Unit Cost (\$ K )	Quantity (Each)	Total Cost (\$ M )	Unit Cost (\$ K )	Quantity (Each)	Total Cost (\$ M )
System Engineering / Program Management		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Interim Contractor Support (ICS)/FSR/NET		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
† BAE Lightweight 155mm Howitzer		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Total Recurring Cost				-			-			-			-			-			-
Total Flyaway Cost				-			-			-			-			-			-
Gross Weapon System Cost				-			-			-			-	Continuing			Continuing		

**P-5 Remarks:**

Secondary Distribution		FY 2012	FY 2013	FY 2014 Base	FY 2014 OCO	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018
Army	Quantity	-	-	-	-	-	-	-	-	-
	Total Obligation Authority	7.705	8.221	-	-	-	-	-	-	-
ANG	Quantity	-	-	-	-	-	-	-	-	-
	Total Obligation Authority	5.361	5.606	-	-	-	-	-	-	-

**UNCLASSIFIED**

Exhibit P-5A, Budget Procurement History and Planning: PB 2014 Army									Date: April 2013			
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 Nomenclature: G01700 - Howitzer Lt Wt 155mm (T)					Item Nomenclature: G01700 - Howitzer Lt Wt 155mm (T)			
Cost Elements († indicates the presence of a P-21)	OCO	FY	Contractor and Location	Method/Type, or Funding Vehicle	Location of PCO	Award Date	Date of First Delivery	Qty (Each)	Unit Cost (\$ K )	Specs Avail Now?	Date Revsn Avail	RFP Issue Date
†BAE Lightweight 155mm Howitzer		2011	BAE SYSTEMS / Barrow-in-Furness	SS / FFP	Picatinny Arsenal, NJ	Dec 2010	Dec 2012	14	2,350.000			

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Exhibit P-21, Budget Production Schedule: PB 2014 Army																								Date: April 2013							
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 Nomenclature: G01700 - Howitzer Lt Wt 155mm (T)												Item Nomenclature: G01700 - Howitzer Lt Wt 155mm (T)							
Cost Elements (Units in Each)							Fiscal Year 2011												Fiscal Year 2012												
O C C O	M F R #	FY	SERVICE‡	PROC QTY	ACCEP PRIOR TO 1 OCT 2010	BAL DUE AS OF 1 OCT	Calendar Year 2011												Calendar Year 2012												B A L
							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	
BAE Lightweight 155mm Howitzer																															
	1	2011	ARMY	14	-	14	-	-	A -	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	14
	1	2011	♦ MC	22	-	22	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	22
	1	2011	TOTAL	36	-	36	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	36
							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	B A L

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Exhibit P-21, Budget Production Schedule: PB 2014 Army																				Date: April 2013												
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 Nomenclature: G01700 - Howitzer Lt Wt 155mm (T)										Item Nomenclature: G01700 - Howitzer Lt Wt 155mm (T)												
Cost Elements <i>(Units in Each)</i>							Fiscal Year 2013										Fiscal Year 2014															
O C C O	M F R #	FY	SERVICE <sup>‡</sup>	PROC QTY	ACCEP PRIOR TO 1 OCT 2012	BAL DUE AS OF 1 OCT	Calendar Year 2013										Calendar Year 2014										B A L					
							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	
BAE Lightweight 155mm Howitzer																																
	1	2011	ARMY	14	-	14	-	-	2	5	5	2	-																			-
	1	2011	♦ MC	22	-	22	-	-	2	5	5	8	2																			-
	1	2011	TOTAL	36	-	36	-	-	4	10	10	10	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	B A L	

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<b>Exhibit P-21, Budget Production Schedule:</b> PB 2014 Army		<b>Date:</b> April 2013
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 2033A: Procurement of W&TCV, Army / BA 02: Weapons and Other Combat Vehicles / BSA 10: Weapons & Other Combat Vehicles	<b>P-1 Line Item Nomenclature:</b> G01700 - Howitzer Lt Wt 155mm (T)	<b>Item Nomenclature:</b> G01700 - Howitzer Lt Wt 155mm (T)

		Production Rates (Each / Month)			Procurement Leadtime (Months)							
MFR #	MFR Name - Location	MSR	1-8-5	MAX	Initial				Reorder			
					ALT Prior to Oct 1	ALT After Oct 1	Mfg PLT	Total After Oct 1	ALT Prior to Oct 1	ALT After Oct 1	Mfg PLT	Total After Oct 1
1	BAE SYSTEMS - Barrow-in-Furness	8.00	10.00	14.00	-	1	11	12	-	3	24	27

**Remarks:**  
 Current Authorized Allowance: effective 31 May 2011 the Army Acquisition Objective was increased to 542.  
 ‡ Delivery rows marked with the ♦ symbol indicate that they are funded through a separate Line Item. See the respective components' exhibits for details, including the full delivery schedule.  
 "A" in the Delivery Schedule indicated the Contract Award Date.  
 Due to space limitations, quantities in the Exhibit P-21 delivery calendar are truncated and rounded based on the maximum quantity in the calendar as follows. If the maximum quantity is less than or equal to than 99,999, all quantities are shown as each. If the maximum quantity is between 100,000 and 99,999,499 all quantities are shown in thousands (rounded to the nearest thousand). If the maximum quantity is greater than 99,999,499 all quantities are shown in millions (rounded to the nearest million).



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<b>Exhibit P-40, Budget Item Justification Sheet:</b> PB 2014 Army	<b>Date:</b> April 2013
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**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 Nomenclature:**

GZ1700 - M777 Mods

**ID Code** (A=Service Ready, B=Not Service Ready) : A

**Program Elements for Code B Items:**

**Other Related Program Elements:**

**MDAP/MAIS Code(s):**

Resource Summary	Prior Years	FY 2012	FY 2013 <sup>#</sup>	FY 2014 Base	FY 2014 OCO <sup>##</sup>	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total
Procurement Quantity ( <i>Units in Each</i> )	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost ( <i>\$ in Millions</i> )	-	-	26.843	39.300	-	39.300	8.612	-	-	-	-	74.755
Less PY Advance Procurement ( <i>\$ in Millions</i> )	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) ( <i>\$ in Millions</i> )	-	-	26.843	39.300	-	39.300	8.612	-	-	-	-	74.755
Plus CY Advance Procurement ( <i>\$ in Millions</i> )	-	-	-	-	-	-	-	-	-	-	-	-
<b>Total Obligation Authority</b> ( <i>\$ in Millions</i> )	-	-	<b>26.843</b>	<b>39.300</b>	-	<b>39.300</b>	<b>8.612</b>	-	-	-	-	<b>74.755</b>

(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>Units in Thousands</i> )	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost ( <i>Units in Thousands</i> )	-	-	-	-	-	-	-	-	-	-	-	-

<sup>#</sup> FY 2013 Program is from the FY 2013 President's Budget, submitted February 2012

<sup>##</sup> The FY 2014 OCO Request will be submitted at a later date

**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 will begin fielding Infantry Brigade Combat Teams starting in FY14. The Marine Corp has fielded to all active and reserve units. The M777A2 is capable of firing the 155MM Excalibur Precision-Guided munitions now, and will be capable of firing the Precision Guidance Kit when available. 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 will enter into the Sustainment Phase of its life cycle.

Secondary Distribution		FY 2012	FY 2013	FY 2014 Base	FY 2014 OCO	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018
Army	Quantity	-	-	-	-	-	-	-	-	-
	Total Obligation Authority	-	23.610	32.475	-	32.475	6.375	-	-	-
ANG	Quantity	-	-	-	-	-	-	-	-	-
	Total Obligation Authority	-	3.233	6.825	-	6.825	2.237	-	-	-

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<b>Exhibit P-40, Budget Item Justification Sheet:</b> PB 2014 Army																<b>Date:</b> April 2013					
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 2033A: Procurement of W&TCV, Army / BA 02: Weapons and Other Combat Vehicles / BSA 20: Mod Of Weapons And Other Combat Veh												<b>P-1 Line Item Nomenclature:</b> GZ1700 - M777 Mods									
<b>ID Code</b> (A=Service Ready, B=Not Service Ready) : A						<b>Program Elements for Code B Items:</b>						<b>Other Related Program Elements:</b>									
<b>MDAP/MAIS Code(s):</b>																					

  

Item Schedule		ID CD	Prior Years			FY 2012			FY 2013			FY 2014 Base			FY 2014 OCO			FY 2014 Total		
Item Nomenclature*	Exhibits		Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)
0000 - Digital Fire Control Obsolescence	P3A		-	-	-	-	-	-	-	-	26.843	-	-	39.300	-	-	-	-	-	39.300
<b>Total Gross/Weapon System Cost</b>					-			-			26.843			39.300			-			39.300

  

Item Schedule		ID CD	FY 2015			FY 2016			FY 2017			FY 2018			To Complete			Total		
Item Nomenclature*	Exhibits		Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)
0000 - Digital Fire Control Obsolescence	P3A		-	-	8.612	-	-	-	-	-	-	-	-	-	-	-	-	-	-	74.755
<b>Total Gross/Weapon System Cost</b>					8.612			-			-			-			-			74.755

\*Item Nomenclature represents Item Number, DODIC, and Item Name for the P40A and P5; Name for the P18 and P23; Modification Number and Modification Title for the P3A; Item Number and Item Name for the P10.

Note: Totals in this Exhibit P-40 set may not be exact or add due to rounding.

**Justification:**

FY 2014 Base Appropriations in the amount of \$39.300 million supports refresh and modernization activities for the Digital Fire Control System (DFCS). Digital Fire Control provides each M777A2 Howitzer with onboard navigation, pointing, ballistic computations and digital communication with Fire Direction Center. This provides each howitzer equipped with Digital Fire Control greater autonomy and survivability through significantly reduced time for gun emplacement and increased speed and efficiency in mission execution. The Digital Fire Control System is comprised of numerous electronic components and associated hardware which requires periodic hardware and software upgrades to preclude obsolescence issues. The technologies in these components are over twelve years old and contain parts that are no longer supported. Funding will replace hardware components with state-of-the-art replacements providing long-term continued operations for the M777A2 fleet.

Funding will also support field retrofits of previously contracted Engineering Change Proposals for the Improved Power Conditioning Control Module (I-PCCM), Electronic Thermal Warning 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. Priority will be to the units deploying then to those first fielded, utilizing reset and overhaul opportunities as appropriate. Funding will also provide approved performance based life cycle sustainment strategy as well as field service representatives for all howitzers.

Funding will continue to support fielding of Computer Based Training (CBT) and Computer Aided Instruction (CAI) products. System complexity increases significantly during FY 2014 as a result of planned increased software capability. CBT and CAI products will greatly increase proficiency, safety and mission fire accuracy and are supported by Army and USMC.

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<b>Exhibit P-3A, Individual Modification:</b> PB 2014 Army								<b>Date:</b> April 2013				
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 2033A: Procurement of W&TCV, Army / BA 02: Weapons and Other Combat Vehicles / BSA 20: Mod Of Weapons And Other Combat Veh				<b>P-1 Line Item Nomenclature:</b> GZ1700 - M777 Mods				<b>Modification Nomenclature</b> (Modification Number - Modification Title): 0000 - Digital Fire Control Obsolescence				
<b>Models of Systems Affected:</b> 0000			<b>Type Modification:</b> 0000					<b>Related RDT&amp;E PEs:</b>				
<b>Resource Summary</b>	<b>Prior Years</b>	<b>FY 2012</b>	<b>FY 2013<sup>#</sup></b>	<b>FY 2014 Base</b>	<b>FY 2014 OCO<sup>##</sup></b>	<b>FY 2014 Total</b>	<b>FY 2015</b>	<b>FY 2016</b>	<b>FY 2017</b>	<b>FY 2018</b>	<b>To Complete</b>	<b>Total</b>
Procurement Quantity (Units in Each)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost (\$ in Millions)	-	-	26.843	39.300	-	39.300	8.612	-	-	-	-	74.755
Less PY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (\$ in Millions)	-	-	26.843	39.300	-	39.300	8.612	-	-	-	-	74.755
Plus CY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
<b>Total Obligation Authority (\$ in Millions)</b>	-	-	<b>26.843</b>	<b>39.300</b>	-	<b>39.300</b>	<b>8.612</b>	-	-	-	-	<b>74.755</b>
(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)												
Initial Spares (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost (Units in Thousands)	-	-	-	-	-	-	-	-	-	-	-	-
<p><sup>#</sup> FY 2013 Program is from the FY 2013 President's Budget, submitted February 2012</p> <p><sup>##</sup> The FY 2014 OCO Request will be submitted at a later date</p> <p><b>Description:</b> Funding supports the refresh of the Digital Fire Control System (DFCS) components for 488 M777A2 Howitzers, to address obsolescence issues. The technology used to develop the Digital Fire Control System is now over 12 years old with numerous electronic components in production since 2002 experiencing sub-component obsolescence events over the past several years. It is critical to identify, qualify and procure various DFCS components prior to the current system becoming unsupportable. Funding will address capability enhancements required by the user community to ensure continued interoperability using a combination of engineering change proposals and the acquisition of hardware.</p>												

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Exhibit P-3A, Individual Modification: PB 2014 Army								Date: April 2013				
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 Nomenclature: GZ1700 - M777 Mods				Modification Nomenclature (Modification Number - Modification Title): 0000 - Digital Fire Control Obsolescence				
Models of Systems Affected: 0000			Type Modification: 0000					Related RDT&E PEs:				
Financial Plan	Prior Years	FY 2012	FY 2013	FY 2014 Base	FY 2014 OCO	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)
Procurement												
Hardware Obsolescence												
A Kits												
Non-Recurring												
DFCS Components	0 / 0.000	- / -	418 / 17.100	70 / 2.863	- / -	70 / 2.863	- / -	- / -	- / -	- / -	- / -	488 / 19.963
Engineering Change Proposal	0 / 0.000	- / -	- / -	- / 0.678	- / -	- / 0.678	- / -	- / -	- / -	- / -	- / -	- / 0.678
Subtotal Non-Recurring	0 / 0.000	- / -	418 / 17.100	70 / 3.541	- / -	70 / 3.541	- / -	- / -	- / -	- / -	- / -	488 / 20.641
Total, Hardware Obsolescence	0 / 0.000	- / -	418 / 17.100	70 / 3.541	- / -	70 / 3.541	- / -	- / -	- / -	- / -	- / -	488 / 20.641
Modernization in Service												
A Kits												
Non-Recurring												
Enhanced Power Pack	0 / 0.000	- / -	418 / 8.400	70 / 1.406	- / -	70 / 1.406	- / -	- / -	- / -	- / -	- / -	488 / 9.806
Engineering Change Proposal	0 / 0.000	- / -	- / -	- / 0.777	- / -	- / 0.777	- / -	- / -	- / -	- / -	- / -	- / 0.777
Subtotal Non-Recurring	0 / 0.000	- / -	418 / 8.400	70 / 2.183	- / -	70 / 2.183	- / -	- / -	- / -	- / -	- / -	488 / 10.583
Total, Modernization in Service	0 / 0.000	- / -	418 / 8.400	70 / 2.183	- / -	70 / 2.183	- / -	- / -	- / -	- / -	- / -	488 / 10.583
Interoperability - Communication												
A Kits												
Non-Recurring												
Engineering Change Proposal	0 / 0.000	- / -	418 / 1.343	70 / 0.225	- / -	70 / 0.225	- / -	- / -	- / -	- / -	- / -	488 / 1.568
Electronic Communication Components	0 / 0.000	- / -	- / -	488 / 11.487	- / -	488 / 11.487	- / -	- / -	- / -	- / -	- / -	488 / 11.487
Subtotal Non-Recurring	0 / 0.000	- / -	418 / 1.343	558 / 11.712	- / -	558 / 11.712	- / -	- / -	- / -	- / -	- / -	976 / 13.055
Total, Interoperability - Communication	0 / 0.000	- / -	418 / 1.343	558 / 11.712	- / -	558 / 11.712	- / -	- / -	- / -	- / -	- / -	976 / 13.055
Performance Based Life Cycle												
A Kits												
Recurring												
Interim Contractor Support	0 / 0.000	- / -	- / -	- / 9.014	- / -	- / 9.014	- / -	- / -	- / -	- / -	- / -	- / 9.014
Systems Engineering	0 / 0.000	- / -	- / -	- / 2.656	- / -	- / 2.656	- / -	- / -	- / -	- / -	- / -	- / 2.656
Subtotal Recurring	0 / 0.000	- / -	- / -	- / 11.670	- / -	- / 11.670	- / -	- / -	- / -	- / -	- / -	- / 11.670
Total, Performance Based Life Cycle	0 / 0.000	- / -	- / -	- / 11.670	- / -	- / 11.670	- / -	- / -	- / -	- / -	- / -	- / 11.670
Field Retrofit Activities												
A Kits												

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Exhibit P-3A, Individual Modification: PB 2014 Army								Date: April 2013				
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 Nomenclature: GZ1700 - M777 Mods				Modification Nomenclature (Modification Number - Modification Title): 0000 - Digital Fire Control Obsolescence				
Models of Systems Affected: 0000				Type Modification: 0000				Related RDT&E PEs:				
Financial Plan	Prior Years	FY 2012	FY 2013	FY 2014 Base	FY 2014 OCO	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)
Recurring												
Retrofit Activities	0 / 0.000	- / -	- / -	- / 5.909	- / -	- / 5.909	- / 6.713	- / -	- / -	- / -	- / -	- / 12.622
Engineering Change Orders	0 / 0.000	- / -	- / -	- / 2.443	- / -	- / 2.443	- / -	- / -	- / -	- / -	- / -	- / 2.443
Subtotal Recurring	0 / 0.000	- / -	- / -	- / 8.352	- / -	- / 8.352	- / 6.713	- / -	- / -	- / -	- / -	- / 15.065
Total, Field Retrofit Activities	0 / 0.000	- / -	- / -	- / 8.352	- / -	- / 8.352	- / 6.713	- / -	- / -	- / -	- / -	- / 15.065
Training Aides, Devices, Simulators												
A Kits												
Recurring												
Software Engineering	0 / 0.000	- / -	- / -	- / 1.842	- / -	- / 1.842	- / 1.899	- / -	- / -	- / -	- / -	- / 3.741
Subtotal Recurring	0 / 0.000	- / -	- / -	- / 1.842	- / -	- / 1.842	- / 1.899	- / -	- / -	- / -	- / -	- / 3.741
Total, Training Aides, Devices, Simulators	0 / 0.000	- / -	- / -	- / 1.842	- / -	- / 1.842	- / 1.899	- / -	- / -	- / -	- / -	- / 3.741
Total Procurement, All Modifications	0 / 0.000	- / -	1,254 / 26.843	698 / 39.300	- / -	698 / 39.300	- / 8.612	- / -	- / -	- / -	- / -	1,952 / 74.755
Total Procurement and Support	0.000	-	26.843	39.300	-	39.300	8.612	-	-	-	-	74.755
Hardware Obsolescence Installation Cost	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
Modernization in Service Installation Cost	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
Interoperability - Communication Installation Cost	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
Performance Based Life Cycle Installation Cost	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
Field Retrofit Activities Installation Cost	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
Training Aides, Devices, Simulators Installation Cost	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
Total Installation Cost	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
Total Cost (Procurement + Support + Installation)	0.000	-	26.843	39.300	-	39.300	8.612	-	-	-	-	74.755

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<b>Exhibit P-3A, Individual Modification:</b> PB 2014 Army										<b>Date:</b> April 2013																					
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 2033A: Procurement of W&TCV, Army / BA 02: Weapons and Other Combat Vehicles / BSA 20: Mod Of Weapons And Other Combat Veh										<b>P-1 Line Item Nomenclature:</b> GZ1700 - M777 Mods										<b>Modification Nomenclature</b> ( <i>Modification Number - Modification Title</i> ): 0000 - Digital Fire Control Obsolescence											
<b>Models of Systems Affected:</b> 0000										<b>Type Modification:</b> 0000										<b>Related RDT&amp;E PEs:</b>											
<b>Manufacturer Information: Hardware Obsolescence</b>																															
Manufacturer Name: Various														Manufacturer Location: Various																	
Administrative Leadtime ( <i>in Months</i> ):														Production Leadtime ( <i>in Months</i> ):																	
<b>Dates</b>		<b>FY 2012</b>				<b>FY 2013</b>				<b>FY 2014</b>				<b>FY 2015</b>				<b>FY 2016</b>				<b>FY 2017</b>				<b>FY 2018</b>					
Contract Dates																															
Delivery Dates																															
<b>Installation:</b> Hardware Obsolescence										<b>Method of Implementation:</b> Digital Fire Control Component Hardware procurement and Engineering Change Proposals										<b>Installation Name:</b>											
<b>Installation Cost</b>		<b>Prior Years</b>	<b>FY 2012</b>		<b>FY 2013</b>		<b>FY 2014 Base</b>		<b>FY 2014 OCO</b>		<b>FY 2014 Total</b>		<b>FY 2015</b>		<b>FY 2016</b>		<b>FY 2017</b>		<b>FY 2018</b>		<b>To Complete</b>		<b>Total</b>								
		Qty (Each) / Total Cost (\$ M )	Qty (Each) / Total Cost (\$ M )		Qty (Each) / Total Cost (\$ M )		Qty (Each) / Total Cost (\$ M )		Qty (Each) / Total Cost (\$ M )		Qty (Each) / Total Cost (\$ M )		Qty (Each) / Total Cost (\$ M )		Qty (Each) / Total Cost (\$ M )		Qty (Each) / Total Cost (\$ M )		Qty (Each) / Total Cost (\$ M )		Qty (Each) / Total Cost (\$ M )		Qty (Each) / Total Cost (\$ M )								
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To Complete		- / -	- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -								
Total		0 / 0.000	- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -								
<b>Installation Schedule</b>																															
	<b>APY</b>	<b>FY 2012</b>				<b>FY 2013</b>				<b>FY 2014</b>				<b>FY 2015</b>				<b>FY 2016</b>				<b>FY 2017</b>				<b>FY 2018</b>				<b>TC</b>	<b>Tot</b>
		<b>1</b>	<b>2</b>	<b>3</b>	<b>4</b>	<b>1</b>	<b>2</b>	<b>3</b>	<b>4</b>	<b>1</b>	<b>2</b>	<b>3</b>	<b>4</b>	<b>1</b>	<b>2</b>	<b>3</b>	<b>4</b>	<b>1</b>	<b>2</b>	<b>3</b>	<b>4</b>	<b>1</b>	<b>2</b>	<b>3</b>	<b>4</b>						
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**UNCLASSIFIED**

<b>Exhibit P-3A, Individual Modification:</b> PB 2014 Army										<b>Date:</b> April 2013																					
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 2033A: Procurement of W&TCV, Army / BA 02: Weapons and Other Combat Vehicles / BSA 20: Mod Of Weapons And Other Combat Veh										<b>P-1 Line Item Nomenclature:</b> GZ1700 - M777 Mods										<b>Modification Nomenclature</b> (Modification Number - Modification Title): 0000 - Digital Fire Control Obsolescence											
<b>Models of Systems Affected:</b> 0000										<b>Type Modification:</b> 0000										<b>Related RDT&amp;E PEs:</b>											
<b>Manufacturer Information: Modernization in Service</b>																															
Manufacturer Name: Various														Manufacturer Location: Various																	
Administrative Leadtime (in Months):														Production Leadtime (in Months):																	
<b>Dates</b>		<b>FY 2012</b>				<b>FY 2013</b>				<b>FY 2014</b>				<b>FY 2015</b>				<b>FY 2016</b>				<b>FY 2017</b>				<b>FY 2018</b>					
Contract Dates																															
Delivery Dates																															
<b>Installation:</b> Modernization in Service										<b>Method of Implementation:</b> Enhanced Power Packs and subsequent Engineering Change Proposals										<b>Installation Name:</b>											
<b>Installation Cost</b>		<b>Prior Years</b>	<b>FY 2012</b>		<b>FY 2013</b>		<b>FY 2014 Base</b>		<b>FY 2014 OCO</b>		<b>FY 2014 Total</b>		<b>FY 2015</b>		<b>FY 2016</b>		<b>FY 2017</b>		<b>FY 2018</b>		<b>To Complete</b>		<b>Total</b>								
		Qty (Each) / Total Cost (\$ M )	Qty (Each) / Total Cost (\$ M )		Qty (Each) / Total Cost (\$ M )		Qty (Each) / Total Cost (\$ M )		Qty (Each) / Total Cost (\$ M )		Qty (Each) / Total Cost (\$ M )		Qty (Each) / Total Cost (\$ M )		Qty (Each) / Total Cost (\$ M )		Qty (Each) / Total Cost (\$ M )		Qty (Each) / Total Cost (\$ M )		Qty (Each) / Total Cost (\$ M )										
All Prior Years		0 / 0.000		0 / 0.000		0 / 0.000		0 / 0.000		- / -		0 / 0.000		0 / 0.000		0 / 0.000		0 / 0.000		0 / 0.000		0 / 0.000		0 / 0.000							
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FY 2014		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -							
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FY 2016		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -							
FY 2017		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -							
FY 2018		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -							
To Complete		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -							
Total		0 / 0.000		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -							
<b>Installation Schedule</b>																															
	<b>APY</b>	<b>FY 2012</b>				<b>FY 2013</b>				<b>FY 2014</b>				<b>FY 2015</b>				<b>FY 2016</b>				<b>FY 2017</b>				<b>FY 2018</b>				<b>TC</b>	<b>Tot</b>
		<b>1</b>	<b>2</b>	<b>3</b>	<b>4</b>	<b>1</b>	<b>2</b>	<b>3</b>	<b>4</b>	<b>1</b>	<b>2</b>	<b>3</b>	<b>4</b>	<b>1</b>	<b>2</b>	<b>3</b>	<b>4</b>	<b>1</b>	<b>2</b>	<b>3</b>	<b>4</b>	<b>1</b>	<b>2</b>	<b>3</b>	<b>4</b>						
In	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-				
Out	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-				

**UNCLASSIFIED**

<b>Exhibit P-3A, Individual Modification:</b> PB 2014 Army										<b>Date:</b> April 2013																					
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 2033A: Procurement of W&TCV, Army / BA 02: Weapons and Other Combat Vehicles / BSA 20: Mod Of Weapons And Other Combat Veh										<b>P-1 Line Item Nomenclature:</b> GZ1700 - M777 Mods										<b>Modification Nomenclature</b> (Modification Number - Modification Title): 0000 - Digital Fire Control Obsolescence											
<b>Models of Systems Affected:</b> 0000										<b>Type Modification:</b> 0000										<b>Related RDT&amp;E PEs:</b>											
<b>Manufacturer Information: Interoperability - Communication</b>																															
Manufacturer Name: Various													Manufacturer Location: Various																		
Administrative Leadtime (in Months):													Production Leadtime (in Months):																		
<b>Dates</b>		<b>FY 2012</b>				<b>FY 2013</b>				<b>FY 2014</b>				<b>FY 2015</b>				<b>FY 2016</b>				<b>FY 2017</b>				<b>FY 2018</b>					
Contract Dates																															
Delivery Dates																															
<b>Installation:</b> Interoperability - Communication										<b>Method of Implementation:</b> Software Engineering and Engineering Change Proposals and procurement of hardware										<b>Installation Name:</b>											
<b>Installation Cost</b>		<b>Prior Years</b>	<b>FY 2012</b>		<b>FY 2013</b>		<b>FY 2014 Base</b>		<b>FY 2014 OCO</b>		<b>FY 2014 Total</b>		<b>FY 2015</b>		<b>FY 2016</b>		<b>FY 2017</b>		<b>FY 2018</b>		<b>To Complete</b>		<b>Total</b>								
		Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)								
All Prior Years		0 / 0.000		0 / 0.000		0 / 0.000		0 / 0.000		- / -		0 / 0.000		0 / 0.000		0 / 0.000		0 / 0.000		0 / 0.000		0 / 0.000		0 / 0.000							
FY 2012		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -							
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FY 2016		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -							
FY 2017		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -							
FY 2018		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -							
To Complete		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -							
Total		0 / 0.000		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -							
<b>Installation Schedule</b>																															
	<b>APY</b>	<b>FY 2012</b>				<b>FY 2013</b>				<b>FY 2014</b>				<b>FY 2015</b>				<b>FY 2016</b>				<b>FY 2017</b>				<b>FY 2018</b>				<b>TC</b>	<b>Tot</b>
		<b>1</b>	<b>2</b>	<b>3</b>	<b>4</b>	<b>1</b>	<b>2</b>	<b>3</b>	<b>4</b>	<b>1</b>	<b>2</b>	<b>3</b>	<b>4</b>	<b>1</b>	<b>2</b>	<b>3</b>	<b>4</b>	<b>1</b>	<b>2</b>	<b>3</b>	<b>4</b>	<b>1</b>	<b>2</b>	<b>3</b>	<b>4</b>						
In	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-				
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**UNCLASSIFIED**

<b>Exhibit P-3A, Individual Modification:</b> PB 2014 Army										<b>Date:</b> April 2013																					
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 2033A: Procurement of W&TCV, Army / BA 02: Weapons and Other Combat Vehicles / BSA 20: Mod Of Weapons And Other Combat Veh										<b>P-1 Line Item Nomenclature:</b> GZ1700 - M777 Mods										<b>Modification Nomenclature</b> ( <i>Modification Number - Modification Title</i> ): 0000 - Digital Fire Control Obsolescence											
<b>Models of Systems Affected:</b> 0000										<b>Type Modification:</b> 0000										<b>Related RDT&amp;E PEs:</b>											
<b>Manufacturer Information: Performance Based Life Cycle</b>																															
Manufacturer Name: N/A														Manufacturer Location: N/A																	
Administrative Leadtime ( <i>in Months</i> ):														Production Leadtime ( <i>in Months</i> ):																	
<b>Dates</b>		<b>FY 2012</b>				<b>FY 2013</b>				<b>FY 2014</b>				<b>FY 2015</b>				<b>FY 2016</b>				<b>FY 2017</b>				<b>FY 2018</b>					
Contract Dates																															
Delivery Dates																															
<b>Installation:</b> Performance Based Life Cycle														<b>Method of Implementation:</b> MIPR to ARDEC and Exercising Contract Options										<b>Installation Name:</b>							
<b>Installation Cost</b>		<b>Prior Years</b>	<b>FY 2012</b>		<b>FY 2013</b>		<b>FY 2014 Base</b>		<b>FY 2014 OCO</b>		<b>FY 2014 Total</b>		<b>FY 2015</b>		<b>FY 2016</b>		<b>FY 2017</b>		<b>FY 2018</b>		<b>To Complete</b>		<b>Total</b>								
		Qty (Each) / Total Cost (\$ M )	Qty (Each) / Total Cost (\$ M )		Qty (Each) / Total Cost (\$ M )		Qty (Each) / Total Cost (\$ M )		Qty (Each) / Total Cost (\$ M )		Qty (Each) / Total Cost (\$ M )		Qty (Each) / Total Cost (\$ M )		Qty (Each) / Total Cost (\$ M )		Qty (Each) / Total Cost (\$ M )		Qty (Each) / Total Cost (\$ M )		Qty (Each) / Total Cost (\$ M )		Qty (Each) / Total Cost (\$ M )								
All Prior Years		0 / 0.000	0 / 0.000		0 / 0.000		0 / 0.000		- / -		0 / 0.000		0 / 0.000		0 / 0.000		0 / 0.000		0 / 0.000		0 / 0.000		0 / 0.000		0 / 0.000						
FY 2012		- / -	- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -						
FY 2013		- / -	- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -						
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Total		0 / 0.000	- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -						
<b>Installation Schedule</b>																															
	<b>APY</b>	<b>FY 2012</b>				<b>FY 2013</b>				<b>FY 2014</b>				<b>FY 2015</b>				<b>FY 2016</b>				<b>FY 2017</b>				<b>FY 2018</b>				<b>TC</b>	<b>Tot</b>
		<b>1</b>	<b>2</b>	<b>3</b>	<b>4</b>	<b>1</b>	<b>2</b>	<b>3</b>	<b>4</b>	<b>1</b>	<b>2</b>	<b>3</b>	<b>4</b>	<b>1</b>	<b>2</b>	<b>3</b>	<b>4</b>	<b>1</b>	<b>2</b>	<b>3</b>	<b>4</b>	<b>1</b>	<b>2</b>	<b>3</b>	<b>4</b>						
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**UNCLASSIFIED**

<b>Exhibit P-3A, Individual Modification:</b> PB 2014 Army										<b>Date:</b> April 2013																					
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 2033A: Procurement of W&TCV, Army / BA 02: Weapons and Other Combat Vehicles / BSA 20: Mod Of Weapons And Other Combat Veh										<b>P-1 Line Item Nomenclature:</b> GZ1700 - M777 Mods										<b>Modification Nomenclature</b> ( <i>Modification Number - Modification Title</i> ): 0000 - Digital Fire Control Obsolescence											
<b>Models of Systems Affected:</b> 0000										<b>Type Modification:</b> 0000										<b>Related RDT&amp;E PEs:</b>											
<b>Manufacturer Information: Field Retrofit Activities</b>																															
Manufacturer Name: N/A														Manufacturer Location: N/A																	
Administrative Leadtime ( <i>in Months</i> ):														Production Leadtime ( <i>in Months</i> ):																	
<b>Dates</b>		<b>FY 2012</b>				<b>FY 2013</b>				<b>FY 2014</b>				<b>FY 2015</b>				<b>FY 2016</b>				<b>FY 2017</b>				<b>FY 2018</b>					
Contract Dates																															
Delivery Dates																															
<b>Installation:</b> Field Retrofit Activities										<b>Method of Implementation:</b> MIPR to ARDEC and Contract Options										<b>Installation Name:</b>											
<b>Installation Cost</b>		<b>Prior Years</b>		<b>FY 2012</b>		<b>FY 2013</b>		<b>FY 2014 Base</b>		<b>FY 2014 OCO</b>		<b>FY 2014 Total</b>		<b>FY 2015</b>		<b>FY 2016</b>		<b>FY 2017</b>		<b>FY 2018</b>		<b>To Complete</b>		<b>Total</b>							
		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)							
All Prior Years		0 / 0.000		0 / 0.000		0 / 0.000		0 / 0.000		- / -		0 / 0.000		0 / 0.000		0 / 0.000		0 / 0.000		0 / 0.000		0 / 0.000		0 / 0.000		0 / 0.000					
FY 2012		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -					
FY 2013		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -					
FY 2014		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -					
FY 2015		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -					
FY 2016		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -					
FY 2017		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -					
FY 2018		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -					
To Complete		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -					
Total		0 / 0.000		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -					
<b>Installation Schedule</b>																															
	<b>APY</b>	<b>FY 2012</b>				<b>FY 2013</b>				<b>FY 2014</b>				<b>FY 2015</b>				<b>FY 2016</b>				<b>FY 2017</b>				<b>FY 2018</b>				<b>TC</b>	<b>Tot</b>
		<b>1</b>	<b>2</b>	<b>3</b>	<b>4</b>	<b>1</b>	<b>2</b>	<b>3</b>	<b>4</b>	<b>1</b>	<b>2</b>	<b>3</b>	<b>4</b>	<b>1</b>	<b>2</b>	<b>3</b>	<b>4</b>	<b>1</b>	<b>2</b>	<b>3</b>	<b>4</b>	<b>1</b>	<b>2</b>	<b>3</b>	<b>4</b>	<b>1</b>	<b>2</b>	<b>3</b>	<b>4</b>		
In	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Out	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

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<b>Exhibit P-3A, Individual Modification:</b> PB 2014 Army										<b>Date:</b> April 2013																					
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 2033A: Procurement of W&TCV, Army / BA 02: Weapons and Other Combat Vehicles / BSA 20: Mod Of Weapons And Other Combat Veh										<b>P-1 Line Item Nomenclature:</b> GZ1700 - M777 Mods										<b>Modification Nomenclature</b> ( <i>Modification Number - Modification Title</i> ): 0000 - Digital Fire Control Obsolescence											
<b>Models of Systems Affected:</b> 0000										<b>Type Modification:</b> 0000										<b>Related RDT&amp;E PEs:</b>											
<b>Manufacturer Information: Training Aides, Devices, Simulators</b>																															
Manufacturer Name: N/A													Manufacturer Location: N/A																		
Administrative Leadtime ( <i>in Months</i> ):													Production Leadtime ( <i>in Months</i> ):																		
<b>Dates</b>		<b>FY 2012</b>				<b>FY 2013</b>				<b>FY 2014</b>				<b>FY 2015</b>				<b>FY 2016</b>				<b>FY 2017</b>				<b>FY 2018</b>					
Contract Dates																															
Delivery Dates																															
<b>Installation:</b> Training Aides, Devices, Simulators										<b>Method of Implementation:</b> MIPR to ARDEC, Software Engineering										<b>Installation Name:</b>											
<b>Installation Cost</b>		<b>Prior Years</b>		<b>FY 2012</b>		<b>FY 2013</b>		<b>FY 2014 Base</b>		<b>FY 2014 OCO</b>		<b>FY 2014 Total</b>		<b>FY 2015</b>		<b>FY 2016</b>		<b>FY 2017</b>		<b>FY 2018</b>		<b>To Complete</b>		<b>Total</b>							
		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)							
All Prior Years		0 / 0.000		0 / 0.000		0 / 0.000		0 / 0.000		- / -		0 / 0.000		0 / 0.000		0 / 0.000		0 / 0.000		0 / 0.000		0 / 0.000		0 / 0.000							
FY 2012		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -							
FY 2013		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -							
FY 2014		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -							
FY 2015		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -							
FY 2016		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -							
FY 2017		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -							
FY 2018		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -							
To Complete		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -							
Total		0 / 0.000		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -							
<b>Installation Schedule</b>																															
	<b>APY</b>	<b>FY 2012</b>				<b>FY 2013</b>				<b>FY 2014</b>				<b>FY 2015</b>				<b>FY 2016</b>				<b>FY 2017</b>				<b>FY 2018</b>				<b>TC</b>	<b>Tot</b>
		<b>1</b>	<b>2</b>	<b>3</b>	<b>4</b>	<b>1</b>	<b>2</b>	<b>3</b>	<b>4</b>	<b>1</b>	<b>2</b>	<b>3</b>	<b>4</b>	<b>1</b>	<b>2</b>	<b>3</b>	<b>4</b>	<b>1</b>	<b>2</b>	<b>3</b>	<b>4</b>	<b>1</b>	<b>2</b>	<b>3</b>	<b>4</b>	<b>1</b>	<b>2</b>	<b>3</b>	<b>4</b>		
In	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Out	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

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<b>Exhibit P-40, Budget Item Justification Sheet:</b> PB 2014 Army	<b>Date:</b> April 2013
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<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 2033A: Procurement of W&TCV, Army / BA 02: Weapons and Other Combat Vehicles / BSA 20: Mod Of Weapons And Other Combat Veh	<b>P-1 Line Item Nomenclature:</b> GB3007 - M4 Carbine Mods
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<b>ID Code</b> (A=Service Ready, B=Not Service Ready) : B	<b>Program Elements for Code B Items:</b> 0604601A	<b>Other Related Program Elements:</b>
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**MDAP/MAIS Code(s):**

Resource Summary	Prior Years	FY 2012	FY 2013 <sup>#</sup>	FY 2014 Base	FY 2014 OCO <sup>##</sup>	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total
Procurement Quantity <i>(Units in Each)</i>	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost <i>(\$ in Millions)</i>	499.764	41.892	27.243	10.300	-	10.300	16.128	16.152	8.800	18.491	Continuing	Continuing
Less PY Advance Procurement <i>(\$ in Millions)</i>	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) <i>(\$ in Millions)</i>	499.764	41.892	27.243	10.300	-	10.300	16.128	16.152	8.800	18.491	Continuing	Continuing
Plus CY Advance Procurement <i>(\$ in Millions)</i>	-	-	-	-	-	-	-	-	-	-	-	-
<b>Total Obligation Authority</b> <i>(\$ in Millions)</i>	<b>499.764</b>	<b>41.892</b>	<b>27.243</b>	<b>10.300</b>	<b>-</b>	<b>10.300</b>	<b>16.128</b>	<b>16.152</b>	<b>8.800</b>	<b>18.491</b>	<b>Continuing</b>	<b>Continuing</b>
<i>(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)</i>												
Initial Spares <i>(\$ in Millions)</i>	-	-	-	-	-	-	-	-	-	-	-	-
Flyaway Unit Cost <i>(Units in Thousands)</i>	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost <i>(Units in Thousands)</i>	-	-	-	-	-	-	-	-	-	-	-	-

<sup>#</sup> FY 2013 Program is from the FY 2013 President's Budget, submitted February 2012

<sup>##</sup> The FY 2014 OCO Request will be submitted at a later date

**Description:**

The M4 Carbine Modification Program provides combat optics, a Close Quarters Battle Kit (CQBK), an improved buttstock, a modular weapon system and a product improvement kit. The Modular Weapon System includes an adapter rail system, back-up iron sight, and M203 Grenade Launcher Kit. The M4 Product Improvement Program converts all fielded M4 to M4A1 carbines by adding a heavy barrel assembly, a full auto trigger mechanism and new ambidextrous controls under Phase 1. The Squad Common Optic (SCO) provides a variable magnification day optic for weapons issued to a dismounted Infantry Squad.

Item Schedule		ID CD	Prior Years			FY 2012			FY 2013			FY 2014 Base			FY 2014 OCO			FY 2014 Total		
Item Nomenclature*	Exhibits		Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)
TBD - M4 PIP	P3A		-	-	499.764	-	-	41.892	-	-	27.243	-	-	10.300	-	-	-	-	-	10.300
<b>Total Gross/Weapon System Cost</b>					<b>499.764</b>			<b>41.892</b>			<b>27.243</b>			<b>10.300</b>			<b>-</b>			<b>10.300</b>

Item Schedule		ID CD	FY 2015			FY 2016			FY 2017			FY 2018			To Complete			Total		
Item Nomenclature*	Exhibits		Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)
TBD - M4 PIP	P3A		-	-	16.128	-	-	16.152	-	-	8.800	-	-	18.491	Continuing			Continuing		

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<b>Exhibit P-40, Budget Item Justification Sheet:</b> PB 2014 Army															<b>Date:</b> April 2013					
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 2033A: Procurement of W&TCV, Army / BA 02: Weapons and Other Combat Vehicles / BSA 20: Mod Of Weapons And Other Combat Veh										<b>P-1 Line Item Nomenclature:</b> GB3007 - M4 Carbine Mods										
<b>ID Code</b> (A=Service Ready, B=Not Service Ready) : B					<b>Program Elements for Code B Items:</b> 0604601A							<b>Other Related Program Elements:</b>								
<b>MDAP/MAIS Code(s):</b>																				
<b>Item Schedule</b>		<b>ID CD</b>	<b>FY 2015</b>			<b>FY 2016</b>			<b>FY 2017</b>			<b>FY 2018</b>			<b>To Complete</b>			<b>Total</b>		
<b>Item Nomenclature*</b>	<b>Exhibits</b>		<b>Unit Cost (\$ K )</b>	<b>Qty (Each)</b>	<b>Total Cost (\$ M )</b>	<b>Unit Cost (\$ K )</b>	<b>Qty (Each)</b>	<b>Total Cost (\$ M )</b>	<b>Unit Cost (\$ K )</b>	<b>Qty (Each)</b>	<b>Total Cost (\$ M )</b>	<b>Unit Cost (\$ K )</b>	<b>Qty (Each)</b>	<b>Total Cost (\$ M )</b>	<b>Unit Cost (\$ K )</b>	<b>Qty (Each)</b>	<b>Total Cost (\$ M )</b>	<b>Unit Cost (\$ K )</b>	<b>Qty (Each)</b>	<b>Total Cost (\$ M )</b>
<b>Total Gross/Weapon System Cost</b>				16.128			16.152			8.800			18.491	Continuing			Continuing			
<p><small>*Item Nomenclature represents Item Number, DODIC, and Item Name for the P40A and P5; Name for the P18 and P23; Modification Number and Modification Title for the P3A; Item Number and Item Name for the P10.</small></p> <p><small>Note: Totals in this Exhibit P-40 set may not be exact or add due to rounding.</small></p> <p><b>Justification:</b>  FY 2014 Base procurement dollars in the amount of \$10.300 million supports the Active Army by procuring Close Quarters Battle Kits, combat optics, and product improvement kit components to upgrade the M4 Carbine. The M4 carbine upgrade converts the M4 to the M4A1. The Close Quarters Battle Kit can be used with the Soldier's primary weapons, the M4 Carbine, M4A1 Carbine and the M16A4 Rifle. The CQBK provides the Soldier with multiple low cost items to increase lethality and survivability. Improved combat optics enhance the capability to identify and engage targets at all ranges.</p> <p>In accordance with Section 1815 of the FY 2008 National Defense 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>																				

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<b>Exhibit P-3A, Individual Modification:</b> PB 2014 Army									<b>Date:</b> April 2013			
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 2033A: Procurement of W&TCV, Army / BA 02: Weapons and Other Combat Vehicles / BSA 20: Mod Of Weapons And Other Combat Veh				<b>P-1 Line Item Nomenclature:</b> GB3007 - M4 Carbine Mods					<b>Modification Nomenclature</b> ( <i>Modification Number - Modification Title</i> ): TBD - M4 PIP			
<b>Models of Systems Affected:</b> M4/M4A1 CARBINE			<b>Type Modification:</b> Increased Performance					<b>Related RDT&amp;E PEs:</b>				
<b>Resource Summary</b>	<b>Prior Years</b>	<b>FY 2012</b>	<b>FY 2013<sup>#</sup></b>	<b>FY 2014 Base</b>	<b>FY 2014 OCO<sup>##</sup></b>	<b>FY 2014 Total</b>	<b>FY 2015</b>	<b>FY 2016</b>	<b>FY 2017</b>	<b>FY 2018</b>	<b>To Complete</b>	<b>Total</b>
Procurement Quantity ( <i>Units in Each</i> )	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost (\$ <i>in Millions</i> )	499.764	41.892	27.243	10.300	-	10.300	16.128	16.152	8.800	18.491	Continuing	Continuing
Less PY Advance Procurement (\$ <i>in Millions</i> )	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (\$ <i>in Millions</i> )	499.764	41.892	27.243	10.300	-	10.300	16.128	16.152	8.800	18.491	Continuing	Continuing
Plus CY Advance Procurement (\$ <i>in Millions</i> )	-	-	-	-	-	-	-	-	-	-	-	-
<b>Total Obligation Authority (\$ <i>in Millions</i>)</b>	<b>499.764</b>	<b>41.892</b>	<b>27.243</b>	<b>10.300</b>	<b>-</b>	<b>10.300</b>	<b>16.128</b>	<b>16.152</b>	<b>8.800</b>	<b>18.491</b>	<b>Continuing</b>	<b>Continuing</b>
<i>(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)</i>												
Initial Spares (\$ <i>in Millions</i> )	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost ( <i>Units in Thousands</i> )	-	-	-	-	-	-	-	-	-	-	-	-
<sup>#</sup> FY 2013 Program is from the FY 2013 President's Budget, submitted February 2012 <sup>##</sup> The FY 2014 OCO Request will be submitted at a later date  <b>Description:</b> The M4 Carbine Modification Program provides combat optics, a Close Quarters Battle Kit, an improved buttstock, a modular weapon system and a product improvement kit. The modular weapon system includes an adapter rail system, back-up iron sight, and M203 Grenade Launcher Kit. The product improvement kit includes a new bolt, adapter rail system, barrel, full auto trigger mechanism, and new ambidextrous controls.												
<b>Development Status/Major Development Milestones</b>												
<b>Date</b>	<b>Title</b>					<b>Description</b>						
Jan 2012	Multiple RFPs Release (5)					M4 PIP Phase 1						
Aug 2012	Evaluation & Down Select					M4 PIP Phase 1						
Dec 2014	Contract Awards					M4 PIP Phase 1. Based on Heavy Barrel procurement from ACC-Warren, MI. Barrel protest filed 1/18/2013. Next award scheduled for 4/30/2013.						
Jan 2014	Initial Prod. Delivery					M4 PIP Phase 1. Based on Heavy Barrel procurement from ACC-Warren, MI.						
Feb 2014	First Unit Equip					M4 PIP Phase 1. Based on Heavy Barrel procurement from ACC-Warren, MI.						

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Exhibit P-3A, Individual Modification: PB 2014 Army									Date: April 2013			
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 Nomenclature: GB3007 - M4 Carbine Mods					Modification Nomenclature (Modification Number - Modification Title): TBD - M4 PIP			
Models of Systems Affected: M4/M4A1 CARBINE			Type Modification: Increased Performance					Related RDT&E PEs:				
Financial Plan	Prior Years	FY 2012	FY 2013	FY 2014 Base	FY 2014 OCO	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)
Procurement												
Combat Optics												
B Kits												
Recurring												
Combat Optics	454,475 / 135.400	4,638 / 4.100	18,500 / 3.700	- / -	- / -	- / -	- / -	4,275 / 4.152	1,006 / 1.000	8,255 / 8.445	- / -	491,149 / 156.797
Engineering Support	0 / 11.500	- / 0.050	- / 0.145	- / -	- / -	- / -	- / -	- / 0.200	- / 0.100	- / 0.200	- / -	- / 12.195
Test	0 / 0.400	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 0.400
Integrated Logistical Support	0 / 2.820	- / 0.050	- / 0.050	- / -	- / -	- / -	- / -	- / 0.100	- / 0.100	- / 0.200	- / -	- / 3.320
Total Package Fielding	0 / 2.050	- / 0.050	- / 0.050	- / -	- / -	- / -	- / -	- / 0.200	- / 0.100	- / 0.200	- / -	- / 2.650
New Equipment Training	0 / 0.050	- / 0.050	- / 0.050	- / -	- / -	- / -	- / -	- / 0.100	- / 0.100	- / 0.200	- / -	- / 0.550
Subtotal Recurring	454,475 / 152.220	4,638 / 4.300	18,500 / 3.995	- / -	- / -	- / -	- / -	4,275 / 4.752	1,006 / 1.400	8,255 / 9.245	- / -	491,149 / 175.912
Total, Combat Optics	454,475 / 152.220	4,638 / 4.300	18,500 / 3.995	- / -	- / -	- / -	- / -	4,275 / 4.752	1,006 / 1.400	8,255 / 9.245	- / -	491,149 / 175.912
Close Quarters Battle Kit												
B Kits												
Recurring												
Close Quarters Battle Kit	133,746 / 298.000	15,436 / 4.600	16,010 / 5.000	14,260 / 4.700	- / -	14,260 / 4.700	25,280 / 8.748	11,063 / 4.020	2,965 / 1.100	16,106 / 6.330	- / -	234,866 / 332.498
Improved Magazines	0 / 0.000	119,760 / 1.000	255,813 / 2.200	84,111 / 0.700	- / -	84,111 / 0.700	93,893 / 0.780	93,893 / 0.780	- / -	- / -	- / -	647,470 / 5.460
Engineering Support	0 / 12.400	- / 0.300	- / 0.300	- / 0.300	- / -	- / 0.300	- / 0.300	- / 0.300	- / 0.100	- / 0.350	- / -	- / 14.350
Integrated Logistic Support	0 / 4.500	- / 0.200	- / 0.100	- / 0.100	- / -	- / 0.100	- / 0.100	- / 0.100	- / 0.100	- / 0.250	- / -	- / 5.450
Total Package Fielding	0 / 2.644	- / 0.100	- / 0.200	- / 0.200	- / -	- / 0.200	- / 0.200	- / 0.200	- / 0.100	- / 0.300	- / -	- / 3.944
Subtotal Recurring	133,746 / 317.544	135,196 / 6.200	271,823 / 7.800	98,371 / 6.000	- / -	98,371 / 6.000	119,173 / 10.128	104,956 / 5.400	2,965 / 1.400	16,106 / 7.230	- / -	882,336 / 361.702
Total, Close Quarters Battle Kit	133,746 / 317.544	135,196 / 6.200	271,823 / 7.800	98,371 / 6.000	- / -	98,371 / 6.000	119,173 / 10.128	104,956 / 5.400	2,965 / 1.400	16,106 / 7.230	- / -	882,336 / 361.702
M4 Product Improvement Program (PIP) Phase I												
B Kits												
Recurring												
Hardware M4 PIP Phase 1	150,000 / 29.678	192,000 / 30.724	23,000 / 10.400	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	365,000 / 70.802
System Support and Conversion	0 / 0.000	- / 0.110	- / 4.400	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 4.510
Engineering Support	0 / 0.278	- / 0.508	- / 0.600	- / 0.710	- / -	- / 0.710	- / 0.860	- / 0.860	- / 0.860	- / 0.860	- / -	- / 5.536

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LI GB3007 - M4 Carbine Mods  
 Army

**UNCLASSIFIED**  
 Page 5 of 8

P-1 Line #27

225



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<b>Exhibit P-3A, Individual Modification:</b> PB 2014 Army										<b>Date:</b> April 2013																			
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 2033A: Procurement of W&TCV, Army / BA 02: Weapons and Other Combat Vehicles / BSA 20: Mod Of Weapons And Other Combat Veh										<b>P-1 Line Item Nomenclature:</b> GB3007 - M4 Carbine Mods										<b>Modification Nomenclature</b> ( <i>Modification Number - Modification Title</i> ): TBD - M4 PIP									
<b>Models of Systems Affected:</b> M4/M4A1 CARBINE					<b>Type Modification:</b> Increased Performance										<b>Related RDT&amp;E PEs:</b>														
<b>Manufacturer Information: Combat Optics</b>																													
Manufacturer Name: TBD													Manufacturer Location: TBD																
Administrative Leadtime ( <i>in Months</i> ): 7													Production Leadtime ( <i>in Months</i> ): 2																
<b>Dates</b>		<b>FY 2012</b>			<b>FY 2013</b>			<b>FY 2014</b>			<b>FY 2015</b>			<b>FY 2016</b>			<b>FY 2017</b>			<b>FY 2018</b>									
Contract Dates		Jun 2012			Apr 2013									Feb 2016			Feb 2017			Feb 2018									
Delivery Dates		Sep 2012			Jun 2013									Apr 2016			Apr 2017			Apr 2018									

  

<b>Installation:</b> Combat Optics										<b>Method of Implementation:</b> Installed by Soldiers										<b>Installation Name:</b>									
<b>Installation Cost</b>		<b>Prior Years</b>	<b>FY 2012</b>	<b>FY 2013</b>	<b>FY 2014 Base</b>	<b>FY 2014 OCO</b>	<b>FY 2014 Total</b>	<b>FY 2015</b>	<b>FY 2016</b>	<b>FY 2017</b>	<b>FY 2018</b>	<b>To Complete</b>	<b>Total</b>																
		<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>															
All Prior Years		0 / 0.000	0 / 0.000	0 / 0.000	0 / 0.000	- / -	0 / 0.000	0 / 0.000	0 / 0.000	0 / 0.000	0 / 0.000	0 / 0.000	0 / 0.000																
FY 2012		0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -																
FY 2013		0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -																
FY 2014		0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -																
FY 2015		0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -																
FY 2016		0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -																
FY 2017		0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -																
FY 2018		0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -																
To Complete		0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -																
Total		0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -																

  

<b>Installation Schedule</b>																															
	<b>APY</b>	<b>FY 2012</b>				<b>FY 2013</b>				<b>FY 2014</b>				<b>FY 2015</b>				<b>FY 2016</b>				<b>FY 2017</b>				<b>FY 2018</b>				<b>TC</b>	<b>Tot</b>
		<b>1</b>	<b>2</b>	<b>3</b>	<b>4</b>	<b>1</b>	<b>2</b>	<b>3</b>	<b>4</b>	<b>1</b>	<b>2</b>	<b>3</b>	<b>4</b>	<b>1</b>	<b>2</b>	<b>3</b>	<b>4</b>	<b>1</b>	<b>2</b>	<b>3</b>	<b>4</b>	<b>1</b>	<b>2</b>	<b>3</b>	<b>4</b>						
In	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-				
Out	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-				

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<b>Exhibit P-3A, Individual Modification:</b> PB 2014 Army										<b>Date:</b> April 2013																			
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 2033A: Procurement of W&TCV, Army / BA 02: Weapons and Other Combat Vehicles / BSA 20: Mod Of Weapons And Other Combat Veh										<b>P-1 Line Item Nomenclature:</b> GB3007 - M4 Carbine Mods										<b>Modification Nomenclature</b> ( <i>Modification Number - Modification Title</i> ): TBD - M4 PIP									
<b>Models of Systems Affected:</b> M4/M4A1 CARBINE					<b>Type Modification:</b> Increased Performance										<b>Related RDT&amp;E PEs:</b>														
<b>Manufacturer Information: Close Quarters Battle Kit</b>																													
Manufacturer Name: Otis Products Inc.													Manufacturer Location: Lyons Falls, NY																
Administrative Leadtime ( <i>in Months</i> ): 4													Production Leadtime ( <i>in Months</i> ): 4																
<b>Dates</b>		<b>FY 2012</b>			<b>FY 2013</b>			<b>FY 2014</b>			<b>FY 2015</b>			<b>FY 2016</b>			<b>FY 2017</b>			<b>FY 2018</b>									
Contract Dates		Jan 2012			Jan 2013			Jan 2014			Jan 2015			Jan 2016			Jan 2017			Jan 2018									
Delivery Dates		Mar 2012			Mar 2013			May 2014			Apr 2015			Apr 2016			Apr 2017			Apr 2018									

  

<b>Installation:</b> Close Quarters Battle Kit										<b>Method of Implementation:</b> Installed by Soldiers										<b>Installation Name:</b>									
<b>Installation Cost</b>	<b>Prior Years</b>	<b>FY 2012</b>	<b>FY 2013</b>	<b>FY 2014 Base</b>	<b>FY 2014 OCO</b>	<b>FY 2014 Total</b>	<b>FY 2015</b>	<b>FY 2016</b>	<b>FY 2017</b>	<b>FY 2018</b>	<b>To Complete</b>	<b>Total</b>																	
	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>																	
All Prior Years	0 / 0.000	0 / 0.000	0 / 0.000	0 / 0.000	- / -	0 / 0.000	0 / 0.000	0 / 0.000	0 / 0.000	0 / 0.000	0 / 0.000	0 / 0.000																	
FY 2012	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -																	
FY 2013	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -																	
FY 2014	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -																	
FY 2015	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -																	
FY 2016	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -																	
FY 2017	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -																	
FY 2018	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -																	
To Complete	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -																	
Total	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -																	

  

<b>Installation Schedule</b>																															
	<b>APY</b>	<b>FY 2012</b>				<b>FY 2013</b>				<b>FY 2014</b>				<b>FY 2015</b>				<b>FY 2016</b>				<b>FY 2017</b>				<b>FY 2018</b>				<b>TC</b>	<b>Tot</b>
		<b>1</b>	<b>2</b>	<b>3</b>	<b>4</b>	<b>1</b>	<b>2</b>	<b>3</b>	<b>4</b>	<b>1</b>	<b>2</b>	<b>3</b>	<b>4</b>	<b>1</b>	<b>2</b>	<b>3</b>	<b>4</b>	<b>1</b>	<b>2</b>	<b>3</b>	<b>4</b>	<b>1</b>	<b>2</b>	<b>3</b>	<b>4</b>						
In	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
Out	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			

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<b>Exhibit P-3A, Individual Modification:</b> PB 2014 Army										<b>Date:</b> April 2013																					
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 2033A: Procurement of W&TCV, Army / BA 02: Weapons and Other Combat Vehicles / BSA 20: Mod Of Weapons And Other Combat Veh										<b>P-1 Line Item Nomenclature:</b> GB3007 - M4 Carbine Mods										<b>Modification Nomenclature</b> ( <i>Modification Number - Modification Title</i> ): TBD - M4 PIP											
<b>Models of Systems Affected:</b> M4/M4A1 CARBINE					<b>Type Modification:</b> Increased Performance										<b>Related RDT&amp;E PEs:</b>																
<b>Manufacturer Information: M4 Product Improvement Program (PIP) Phase I</b>																															
Manufacturer Name: various vendors													Manufacturer Location: various locations																		
Administrative Leadtime ( <i>in Months</i> ): 5													Production Leadtime ( <i>in Months</i> ): 15																		
<b>Dates</b>		<b>FY 2012</b>				<b>FY 2013</b>				<b>FY 2014</b>				<b>FY 2015</b>				<b>FY 2016</b>				<b>FY 2017</b>				<b>FY 2018</b>					
Contract Dates		May 2012				Feb 2013																									
Delivery Dates		Aug 2013				May 2014																									
<b>Installation:</b> M4 Product Improvement Program (PIP) Phase I										<b>Method of Implementation:</b> Installed by SARET										<b>Installation Name:</b>											
<b>Installation Cost</b>		<b>Prior Years</b>		<b>FY 2012</b>		<b>FY 2013</b>		<b>FY 2014 Base</b>		<b>FY 2014 OCO</b>		<b>FY 2014 Total</b>		<b>FY 2015</b>		<b>FY 2016</b>		<b>FY 2017</b>		<b>FY 2018</b>		<b>To Complete</b>		<b>Total</b>							
		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)							
All Prior Years		0 / 0.000		0 / 0.000		0 / 0.000		56,000 / 3.550		- / -		56,000 / 3.550		94,000 / 4.994		0 / 0.000		0 / 0.000		0 / 0.000		0 / 0.000		150,000 / 8.544							
FY 2012		0 / 0.000		- / -		- / -		- / -		- / -		- / -		2,000 / 0.106		96,000 / 5.100		94,000 / 4.994		- / -		- / -		192,000 / 10.200							
FY 2013		0 / 0.000		- / -		- / -		- / -		- / -		- / -		- / -		- / -		2,000 / 0.106		21,000 / 1.116		- / -		23,000 / 1.222							
FY 2014		0 / 0.000		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -							
FY 2015		0 / 0.000		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -							
FY 2016		0 / 0.000		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -							
FY 2017		0 / 0.000		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -							
FY 2018		0 / 0.000		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -							
To Complete		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -							
Total		0 / 0.000		- / -		- / -		56,000 / 3.550		- / -		56,000 / 3.550		96,000 / 5.100		96,000 / 5.100		96,000 / 5.100		21,000 / 1.116		- / -		365,000 / 19.966							
<b>Installation Schedule</b>																															
	<b>APY</b>	<b>FY 2012</b>				<b>FY 2013</b>				<b>FY 2014</b>				<b>FY 2015</b>				<b>FY 2016</b>				<b>FY 2017</b>				<b>FY 2018</b>					
		<b>1</b>	<b>2</b>	<b>3</b>	<b>4</b>	<b>1</b>	<b>2</b>	<b>3</b>	<b>4</b>	<b>1</b>	<b>2</b>	<b>3</b>	<b>4</b>	<b>1</b>	<b>2</b>	<b>3</b>	<b>4</b>	<b>1</b>	<b>2</b>	<b>3</b>	<b>4</b>	<b>1</b>	<b>2</b>	<b>3</b>	<b>4</b>	<b>1</b>	<b>2</b>	<b>3</b>	<b>4</b>	<b>TC</b>	<b>Tot</b>
In	-	-	-	-	-	-	-	-	-	14,000	14,000	14,000	14,000	24,000	24,000	24,000	24,000	24,000	24,000	24,000	24,000	24,000	24,000	24,000	24,000	21,000	-	-	-	-	365,000
Out	-	-	-	-	-	-	-	-	-	14,000	14,000	14,000	14,000	24,000	24,000	24,000	24,000	24,000	24,000	24,000	24,000	24,000	24,000	24,000	24,000	21,000	-	-	-	-	365,000

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<b>Exhibit P-40, Budget Item Justification Sheet:</b> PB 2014 Army	<b>Date:</b> April 2013
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**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 Nomenclature:**

GB4000 - M2 50 Cal Machine Gun MODS

**ID Code** (A=Service Ready, B=Not Service Ready) : B

**Program Elements for Code B Items:** 0604601A

**Other Related Program Elements:**

**MDAP/MAIS Code(s):**

Resource Summary	Prior Years	FY 2012	FY 2013 <sup>#</sup>	FY 2014 Base	FY 2014 OCO <sup>##</sup>	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total
Procurement Quantity <i>(Units in Each)</i>	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost <i>(\$ in Millions)</i>	121.270	48.856	39.974	33.691	-	33.691	48.553	59.199	63.570	53.961	Continuing	Continuing
Less PY Advance Procurement <i>(\$ in Millions)</i>	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) <i>(\$ in Millions)</i>	121.270	48.856	39.974	33.691	-	33.691	48.553	59.199	63.570	53.961	Continuing	Continuing
Plus CY Advance Procurement <i>(\$ in Millions)</i>	-	-	-	-	-	-	-	-	-	-	-	-
<b>Total Obligation Authority</b> <i>(\$ in Millions)</i>	<b>121.270</b>	<b>48.856</b>	<b>39.974</b>	<b>33.691</b>	<b>-</b>	<b>33.691</b>	<b>48.553</b>	<b>59.199</b>	<b>63.570</b>	<b>53.961</b>	<b>Continuing</b>	<b>Continuing</b>

*(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>(Units in Thousands)</i>	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost <i>(Units in Thousands)</i>	-	-	-	-	-	-	-	-	-	-	-	-

<sup>#</sup> FY 2013 Program is from the FY 2013 President's Budget, submitted February 2012

<sup>##</sup> The FY 2014 OCO Request will be submitted at a later date

**Description:**

The M2A1 Quick Change Barrel (QCB) Kit provides enhancements for the .50 Caliber M2 Heavy Barrel Machine Gun to provide the Soldier with the ability to quickly change the barrel without the need to reset the headspace and timing and reduce the visible muzzle flash. The quick change barrel kits are being produced allowing the Army to retrofit the current M2 fleet on a one for one basis. Also provides other ancillary equipment such as the M3 Tripod, M205 Lightweight Tripod, MK93 Mount and similar mounts, and improved sighting systems.

Secondary Distribution		FY 2012	FY 2013	FY 2014 Base	FY 2014 OCO	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018
Army	Quantity	-	-	-	-	-	-	-	-	-
	Total Obligation Authority	33.856	39.974	19.691	-	19.691	22.233	20.879	27.210	31.961
ANG	Quantity	-	-	-	-	-	-	-	-	-
	Total Obligation Authority	10.000	-	14.000	-	14.000	17.660	25.660	22.680	12.000
AR	Quantity	-	-	-	-	-	-	-	-	-
	Total Obligation Authority	5.000	-	-	-	-	8.660	12.660	13.680	10.000

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<b>Exhibit P-40, Budget Item Justification Sheet:</b> PB 2014 Army																<b>Date:</b> April 2013					
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 2033A: Procurement of W&TCV, Army / BA 02: Weapons and Other Combat Vehicles / BSA 20: Mod Of Weapons And Other Combat Veh												<b>P-1 Line Item Nomenclature:</b> GB4000 - M2 50 Cal Machine Gun MODS									
<b>ID Code</b> (A=Service Ready, B=Not Service Ready) : B						<b>Program Elements for Code B Items:</b> 0604601A						<b>Other Related Program Elements:</b>									
<b>MDAP/MAIS Code(s):</b>																					

Item Schedule		ID CD	Prior Years			FY 2012			FY 2013			FY 2014 Base			FY 2014 OCO			FY 2014 Total		
Item Nomenclature*	Exhibits		Unit Cost (\$ K )	Qty (Each)	Total Cost (\$ M )	Unit Cost (\$ K )	Qty (Each)	Total Cost (\$ M )	Unit Cost (\$ K )	Qty (Each)	Total Cost (\$ M )	Unit Cost (\$ K )	Qty (Each)	Total Cost (\$ M )	Unit Cost (\$ K )	Qty (Each)	Total Cost (\$ M )	Unit Cost (\$ K )	Qty (Each)	Total Cost (\$ M )
TBD - M2 Mods	P3A		-	-	121.270	-	-	48.856	-	-	39.974	-	-	33.691	-	-	-	-	-	33.691
<b>Total Gross/Weapon System Cost</b>					<b>121.270</b>			<b>48.856</b>			<b>39.974</b>			<b>33.691</b>			<b>-</b>			<b>33.691</b>

Item Schedule		ID CD	FY 2015			FY 2016			FY 2017			FY 2018			To Complete			Total		
Item Nomenclature*	Exhibits		Unit Cost (\$ K )	Qty (Each)	Total Cost (\$ M )	Unit Cost (\$ K )	Qty (Each)	Total Cost (\$ M )	Unit Cost (\$ K )	Qty (Each)	Total Cost (\$ M )	Unit Cost (\$ K )	Qty (Each)	Total Cost (\$ M )	Unit Cost (\$ K )	Qty (Each)	Total Cost (\$ M )	Unit Cost (\$ K )	Qty (Each)	Total Cost (\$ M )
TBD - M2 Mods	P3A		-	-	48.553	-	-	59.199	-	-	63.570	-	-	53.961	Continuing			Continuing		
<b>Total Gross/Weapon System Cost</b>					<b>48.553</b>			<b>59.199</b>			<b>63.570</b>			<b>53.961</b>	<b>Continuing</b>			<b>Continuing</b>		

\*Item Nomenclature represents Item Number, DODIC, and Item Name for the P40A and P5; Name for the P18 and P23; Modification Number and Modification Title for the P3A; Item Number and Item Name for the P10.

Note: Totals in this Exhibit P-40 set may not be exact or add due to rounding.

**Justification:**  
FY 2014 Base procurement dollars in the amount of \$33.691 million supports the Active Army by purchasing 3,238 M2A1 Quick Change Barrel Kits to modify the .50 Caliber M2 Heavy Barrel Machine Gun, into a fixed headspace and timing configuration and 4,630 M205 Lightweight Tripods. The M2A1 decreases the time required to change the barrel while improving safety and reliability of the weapon.

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-3A, Individual Modification: PB 2014 Army								Date: April 2013				
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 Nomenclature: GB4000 - M2 50 Cal Machine Gun MODS					Modification Nomenclature (Modification Number - Modification Title): TBD - M2 Mods				
Models of Systems Affected: Machine Gun, CAL .50 M2 and MK-19 Grenade Machine Gun			Type Modification: Increase performance					Related RDT&E PEs:				
Resource Summary	Prior Years	FY 2012	FY 2013 <sup>#</sup>	FY 2014 Base	FY 2014 OCO <sup>##</sup>	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total
Procurement Quantity (Units in Each)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost (\$ in Millions)	121.270	48.856	39.974	33.691	-	33.691	48.553	59.199	63.570	53.961	Continuing	Continuing
Less PY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (\$ in Millions)	121.270	48.856	39.974	33.691	-	33.691	48.553	59.199	63.570	53.961	Continuing	Continuing
Plus CY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (\$ in Millions)	121.270	48.856	39.974	33.691	-	33.691	48.553	59.199	63.570	53.961	Continuing	Continuing
(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)												
Initial Spares (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost (Units in Thousands)	-	-	-	-	-	-	-	-	-	-	-	-
<sup>#</sup> FY 2013 Program is from the FY 2013 President's Budget, submitted February 2012												
<sup>##</sup> The FY 2014 OCO Request will be submitted at a later date												
Description: The M2A1 Quick Change Barrel (QCB) Kit provides enhancements for the .50 Caliber M2 Heavy Barrel Machine Gun to provide the Soldier with the ability to quickly change the barrel without the need to reset the headspace and timing and reduce the visible muzzle flash. In a dismounted role, the M2/MK19 Machine Guns are mounted on the M3 Tripod or the M205 Lightweight Tripod. The 34 pound M205 Tripod reduces the Soldier burden by 16 pounds, as the current .50 Caliber machine gun tripod (M3) weighs 50 pounds (including traverse and elevation mechanisms and pintle). The M205 Tripod provides integral traverse and elevation mechanisms for easier, more accurate target engagement; adjustable traverse limit stop for night time missions; and a new lightweight pintle design.												
Development Status/Major Development Milestones												
Date	Title					Description						
Aug 2011	Production Verification Test					XM205 Tripod						
Aug 2011	Operational Test					XM205 Tripod						
Aug 2012	Type Classification - Standard					M205 Tripod						
Oct 2013	First Unit Equipped					M205 Tripod						

**UNCLASSIFIED**

Exhibit P-3A, Individual Modification: PB 2014 Army									Date: April 2013				
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 Nomenclature: GB4000 - M2 50 Cal Machine Gun MODS					Modification Nomenclature (Modification Number - Modification Title): TBD - M2 Mods				
Models of Systems Affected: Machine Gun, CAL .50 M2 and MK-19 Grenade Machine Gun				Type Modification: Increase performance				Related RDT&E PEs:					
Financial Plan	Prior Years	FY 2012	FY 2013	FY 2014 Base	FY 2014 OCO	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total	
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	
Procurement													
M2A1 Quick Change Barrel Kit													
B Kits													
Recurring													
Hardware Quick Change Barrel Kits	14,321 / 98.687	6,928 / 39.488	6,754 / 38.500	3,238 / 18.528	- / -	3,238 / 18.528	6,102 / 35.710	7,187 / 46.000	8,033 / 47.300	- / -	- / -	52,563 / 324.213	
Engineering Support	0 / 3.051	- / 1.500	- / 0.774	- / 0.672	- / -	- / 0.672	- / 0.700	- / 0.800	- / 1.000	- / -	- / -	- / 8.497	
Testing	0 / 0.500	- / 0.300	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 0.800	
Integrated Logistics Support	0 / 0.500	- / 0.300	- / 0.100	- / 0.100	- / -	- / 0.100	- / 0.100	- / 0.200	- / 0.200	- / -	- / -	- / 1.500	
Fielding	0 / 0.400	- / 0.100	- / 0.100	- / 0.200	- / -	- / 0.200	- / 0.100	- / 0.200	- / 0.200	- / -	- / -	- / 1.300	
New Equipment Training	0 / 0.370	- / 0.100	- / 0.100	- / 0.100	- / -	- / 0.100	- / 0.200	- / 0.200	- / 0.200	- / -	- / -	- / 1.270	
First Destination Transp	0 / 0.700	- / 0.411	- / 0.300	- / 0.300	- / -	- / 0.300	- / 0.300	- / 0.300	- / 0.300	- / -	- / -	- / 2.611	
Anniston Conversion	0 / 0.462	- / -	- / 0.100	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 0.562	
Anniston Packaging	0 / 0.500	- / 0.200	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 0.700	
Subtotal Recurring	14,321 / 105.170	6,928 / 42.399	6,754 / 39.974	3,238 / 19.900	- / -	3,238 / 19.900	6,102 / 37.110	7,187 / 47.700	8,033 / 49.200	- / -	- / -	52,563 / 341.453	
Total, M2A1 Quick Change Barrel Kit	14,321 / 105.170	6,928 / 42.399	6,754 / 39.974	3,238 / 19.900	- / -	3,238 / 19.900	6,102 / 37.110	7,187 / 47.700	8,033 / 49.200	- / -	- / -	52,563 / 341.453	
Tripods													
B Kits													
Recurring													
M3 Tripods Qty	12,109 / 8.500	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	12,109 / 8.500	
M205 Tripod Qty	2,370 / 5.924	2,042 / 5.106	- / -	4,630 / 9.538	- / -	4,630 / 9.538	3,960 / 8.402	3,840 / 8.392	4,960 / 11.165	20,685 / 47.959	- / -	42,487 / 96.486	
Engineering Support	0 / 1.011	- / 0.350	- / -	- / 0.803	- / -	- / 0.803	- / 0.776	- / 0.797	- / 0.855	- / 1.802	- / -	- / 6.394	
Testing	0 / 0.000	- / -	- / -	- / 1.200	- / -	- / 1.200	- / -	- / -	- / -	- / 1.600	- / -	- / 2.800	
Integrated Logistics Support	0 / 0.100	- / 0.100	- / -	- / 0.125	- / -	- / 0.125	- / 0.125	- / 0.150	- / 0.200	- / 0.300	- / -	- / 1.100	
New Equipment Training	0 / 0.200	- / 0.100	- / -	- / 0.300	- / -	- / 0.300	- / 0.300	- / 0.300	- / 0.200	- / 0.350	- / -	- / 1.750	
Fielding	0 / 0.165	- / 0.100	- / -	- / 0.600	- / -	- / 0.600	- / 0.600	- / 0.600	- / 0.650	- / 1.200	- / -	- / 3.915	
First Destination Transportation	0 / 0.200	- / 0.100	- / -	- / 0.225	- / -	- / 0.225	- / 0.240	- / 0.260	- / 0.300	- / 0.750	- / -	- / 2.075	
Subtotal Recurring	14,479 / 16.100	2,042 / 5.856	- / -	4,630 / 12.791	- / -	4,630 / 12.791	3,960 / 10.443	3,840 / 10.499	4,960 / 13.370	20,685 / 53.961	- / -	54,596 / 123.020	
Total, Tripods	14,479 / 16.100	2,042 / 5.856	- / -	4,630 / 12.791	- / -	4,630 / 12.791	3,960 / 10.443	3,840 / 10.499	4,960 / 13.370	20,685 / 53.961	- / -	54,596 / 123.020	

**UNCLASSIFIED**

Exhibit P-3A, Individual Modification: PB 2014 Army								Date: April 2013				
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 Nomenclature: GB4000 - M2 50 Cal Machine Gun MODS				Modification Nomenclature (Modification Number - Modification Title): TBD - M2 Mods				
Models of Systems Affected: Machine Gun, CAL .50 M2 and MK-19 Grenade Machine Gun				Type Modification: Increase performance				Related RDT&E PEs:				
Financial Plan	Prior Years	FY 2012	FY 2013	FY 2014 Base	FY 2014 OCO	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)
Total Procurement, All Modifications	28,800 / 121.270	8,970 / 48.255	6,754 / 39.974	7,868 / 32.691	- / -	7,868 / 32.691	10,062 / 47.553	11,027 / 58.199	12,993 / 62.570	20,685 / 53.961	- / -	107,159 / 464.473
Total Procurement and Support	121.270	48.255	39.974	32.691	-	32.691	47.553	58.199	62.570	53.961	-	464.473
M2A1 Quick Change Barrel Kit Installation Cost	0 / 0.000	1,725 / 0.601	7,866 / -	6,750 / 1.000	- / -	6,750 / 1.000	6,750 / 1.000	6,750 / 1.000	6,750 / 1.000	6,750 / -	9,222 / -	52,563 / 4.601
Tripods Installation Cost	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
Total Installation Cost	0 / 0.000	1,725 / 0.601	7,866 / -	6,750 / 1.000	- / -	6,750 / 1.000	6,750 / 1.000	6,750 / 1.000	6,750 / 1.000	6,750 / -	9,222 / -	52,563 / 4.601
Total Cost (Procurement + Support + Installation)	121.270	48.856	39.974	33.691	-	33.691	48.553	59.199	63.570	53.961	-	469.074



**UNCLASSIFIED**

<b>Exhibit P-3A, Individual Modification:</b> PB 2014 Army										<b>Date:</b> April 2013																					
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 2033A: Procurement of W&TCV, Army / BA 02: Weapons and Other Combat Vehicles / BSA 20: Mod Of Weapons And Other Combat Veh										<b>P-1 Line Item Nomenclature:</b> GB4000 - M2 50 Cal Machine Gun MODS										<b>Modification Nomenclature</b> ( <i>Modification Number - Modification Title</i> ): TBD - M2 Mods											
<b>Models of Systems Affected:</b> Machine Gun, CAL .50 M2 and MK-19 Grenade Machine Gun										<b>Type Modification:</b> Increase performance										<b>Related RDT&amp;E PEs:</b>											
<b>Manufacturer Information: M2A1 Quick Change Barrel Kit</b>																															
Manufacturer Name: TBD													Manufacturer Location: TBD																		
Administrative Leadtime ( <i>in Months</i> ): 4													Production Leadtime ( <i>in Months</i> ): 8																		
<b>Dates</b>		<b>FY 2012</b>				<b>FY 2013</b>				<b>FY 2014</b>				<b>FY 2015</b>				<b>FY 2016</b>				<b>FY 2017</b>				<b>FY 2018</b>					
Contract Dates		Feb 2012				Feb 2013				Feb 2014				Feb 2015				Feb 2016				Feb 2017									
Delivery Dates		Oct 2012				Oct 2013				Oct 2014				Oct 2015				Oct 2016				Oct 2017									
<b>Installation:</b> M2A1 Quick Change Barrel Kit										<b>Method of Implementation:</b> Overhaul/conversion										<b>Installation Name:</b>											
<b>Installation Cost</b>		<b>Prior Years</b>		<b>FY 2012</b>		<b>FY 2013</b>		<b>FY 2014 Base</b>		<b>FY 2014 OCO</b>		<b>FY 2014 Total</b>		<b>FY 2015</b>		<b>FY 2016</b>		<b>FY 2017</b>		<b>FY 2018</b>		<b>To Complete</b>		<b>Total</b>							
		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)							
All Prior Years		0 / 0.000		1,725 / 0.601		7,866 / 0.000		4,730 / 0.701		- / -		4,730 / 0.701		0 / 0.000		0 / 0.000		0 / 0.000		0 / 0.000		0 / 0.000		14,321 / 1.302							
FY 2012		0 / 0.000		- / -		- / -		2,020 / 0.299		- / -		2,020 / 0.299		4,908 / 0.701		- / -		- / -		- / -		- / -		6,928 / 1.000							
FY 2013		0 / 0.000		- / -		- / -		- / -		- / -		- / -		1,842 / 0.299		4,912 / 0.728		- / -		- / -		- / -		6,754 / 1.027							
FY 2014		0 / 0.000		- / -		- / -		- / -		- / -		- / -		- / -		1,838 / 0.272		1,400 / 0.207		- / -		- / -		3,238 / 0.479							
FY 2015		0 / 0.000		- / -		- / -		- / -		- / -		- / -		- / -		- / -		5,350 / 0.793		752 / -		- / -		6,102 / 0.793							
FY 2016		0 / 0.000		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		5,998 / -		1,189 / -		7,187 / -							
FY 2017		0 / 0.000		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		8,033 / -		8,033 / -							
FY 2018		0 / 0.000		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -							
To Complete		0 / 0.000		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -							
Total		0 / 0.000		1,725 / 0.601		7,866 / -		6,750 / 1.000		- / -		6,750 / 1.000		6,750 / 1.000		6,750 / 1.000		6,750 / 1.000		6,750 / -		9,222 / -		52,563 / 4.601							
<b>Installation Schedule</b>																															
	<b>APY</b>	<b>FY 2012</b>				<b>FY 2013</b>				<b>FY 2014</b>				<b>FY 2015</b>				<b>FY 2016</b>				<b>FY 2017</b>				<b>FY 2018</b>					
		<b>1</b>	<b>2</b>	<b>3</b>	<b>4</b>	<b>1</b>	<b>2</b>	<b>3</b>	<b>4</b>	<b>1</b>	<b>2</b>	<b>3</b>	<b>4</b>	<b>1</b>	<b>2</b>	<b>3</b>	<b>4</b>	<b>1</b>	<b>2</b>	<b>3</b>	<b>4</b>	<b>1</b>	<b>2</b>	<b>3</b>	<b>4</b>	<b>1</b>	<b>2</b>	<b>3</b>	<b>4</b>	<b>TC</b>	<b>Tot</b>
In	431	431	431	432	1,966	1,967	1,966	1,967	1,687	1,688	1,687	1,688	1,687	1,688	1,687	1,688	1,687	1,688	1,687	1,688	1,687	1,688	1,687	1,688	1,687	1,688	1,687	1,688	1,687	7,535	52,563
Out	-	431	431	431	432	1,966	1,967	1,966	1,967	1,687	1,688	1,687	1,688	1,687	1,688	1,687	1,688	1,687	1,688	1,687	1,688	1,687	1,688	1,687	1,688	1,687	1,688	1,687	1,688	9,222	52,563

**UNCLASSIFIED**

<b>Exhibit P-3A, Individual Modification:</b> PB 2014 Army										<b>Date:</b> April 2013																					
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 2033A: Procurement of W&TCV, Army / BA 02: Weapons and Other Combat Vehicles / BSA 20: Mod Of Weapons And Other Combat Veh										<b>P-1 Line Item Nomenclature:</b> GB4000 - M2 50 Cal Machine Gun MODS										<b>Modification Nomenclature</b> ( <i>Modification Number - Modification Title</i> ): TBD - M2 Mods											
<b>Models of Systems Affected:</b> Machine Gun, CAL .50 M2 and MK-19 Grenade Machine Gun										<b>Type Modification:</b> Increase performance										<b>Related RDT&amp;E PEs:</b>											
<b>Manufacturer Information: Tripods</b>																															
Manufacturer Name: NA													Manufacturer Location: NA																		
Administrative Leadtime ( <i>in Months</i> ): 10													Production Leadtime ( <i>in Months</i> ): 6																		
<b>Dates</b>		<b>FY 2012</b>				<b>FY 2013</b>				<b>FY 2014</b>				<b>FY 2015</b>				<b>FY 2016</b>				<b>FY 2017</b>				<b>FY 2018</b>					
Contract Dates		Aug 2012								Aug 2014				Aug 2015				Aug 2016				Aug 2017				Aug 2018					
Delivery Dates		Jan 2013								Jan 2015				Jan 2016				Jan 2017				Jan 2018				Jan 2019					
<b>Installation:</b> Tripods													<b>Method of Implementation:</b> Installed by Troops										<b>Installation Name:</b>								
<b>Installation Cost</b>		<b>Prior Years</b>		<b>FY 2012</b>		<b>FY 2013</b>		<b>FY 2014 Base</b>		<b>FY 2014 OCO</b>		<b>FY 2014 Total</b>		<b>FY 2015</b>		<b>FY 2016</b>		<b>FY 2017</b>		<b>FY 2018</b>		<b>To Complete</b>		<b>Total</b>							
		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)							
All Prior Years		0 / 0.000		0 / 0.000		0 / 0.000		0 / 0.000		- / -		0 / 0.000		0 / 0.000		0 / 0.000		0 / 0.000		0 / 0.000		0 / 0.000		0 / 0.000		0 / 0.000					
FY 2012		0 / 0.000		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -			
FY 2013		0 / 0.000		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -			
FY 2014		0 / 0.000		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -			
FY 2015		0 / 0.000		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -			
FY 2016		0 / 0.000		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -			
FY 2017		0 / 0.000		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -			
FY 2018		0 / 0.000		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -			
To Complete		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -			
Total		0 / 0.000		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -			
<b>Installation Schedule</b>																															
	<b>APY</b>	<b>FY 2012</b>				<b>FY 2013</b>				<b>FY 2014</b>				<b>FY 2015</b>				<b>FY 2016</b>				<b>FY 2017</b>				<b>FY 2018</b>					
		<b>1</b>	<b>2</b>	<b>3</b>	<b>4</b>	<b>1</b>	<b>2</b>	<b>3</b>	<b>4</b>	<b>1</b>	<b>2</b>	<b>3</b>	<b>4</b>	<b>1</b>	<b>2</b>	<b>3</b>	<b>4</b>	<b>1</b>	<b>2</b>	<b>3</b>	<b>4</b>	<b>1</b>	<b>2</b>	<b>3</b>	<b>4</b>	<b>1</b>	<b>2</b>	<b>3</b>	<b>4</b>	<b>TC</b>	<b>Tot</b>
In	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Out	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

**UNCLASSIFIED**

<b>Exhibit P-40, Budget Item Justification Sheet:</b> PB 2014 Army	<b>Date:</b> April 2013
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<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 2033A: Procurement of W&TCV, Army / BA 02: Weapons and Other Combat Vehicles / BSA 20: Mod Of Weapons And Other Combat Veh	<b>P-1 Line Item Nomenclature:</b> GZ1290 - M249 SAW Machine Gun MODS
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<b>ID Code</b> (A=Service Ready, B=Not Service Ready) : A	<b>Program Elements for Code B Items:</b>	<b>Other Related Program Elements:</b>
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**MDAP/MAIS Code(s):**

Resource Summary	Prior Years	FY 2012	FY 2013 <sup>#</sup>	FY 2014 Base	FY 2014 OCO <sup>##</sup>	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total
Procurement Quantity <i>(Units in Each)</i>	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost <i>(\$ in Millions)</i>	130.688	8.480	4.996	7.608	-	7.608	7.607	6.201	6.368	5.800	Continuing	Continuing
Less PY Advance Procurement <i>(\$ in Millions)</i>	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) <i>(\$ in Millions)</i>	130.688	8.480	4.996	7.608	-	7.608	7.607	6.201	6.368	5.800	Continuing	Continuing
Plus CY Advance Procurement <i>(\$ in Millions)</i>	-	-	-	-	-	-	-	-	-	-	-	-
<b>Total Obligation Authority <i>(\$ in Millions)</i></b>	<b>130.688</b>	<b>8.480</b>	<b>4.996</b>	<b>7.608</b>	<b>-</b>	<b>7.608</b>	<b>7.607</b>	<b>6.201</b>	<b>6.368</b>	<b>5.800</b>	<b>Continuing</b>	<b>Continuing</b>
<i>(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)</i>												
Initial Spares <i>(\$ in Millions)</i>	-	-	-	-	-	-	-	-	-	-	-	-
Flyaway Unit Cost <i>(Units in Thousands)</i>	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost <i>(Units in Thousands)</i>	-	-	-	-	-	-	-	-	-	-	-	-

<sup>#</sup> FY 2013 Program is from the FY 2013 President's Budget, submitted February 2012

<sup>##</sup> The FY 2014 OCO Request will be submitted at a later date

**Description:**

The M249 Squad Automatic Weapon (SAW) is a 5.56mm, lightweight machine gun that can be utilized in either the automatic rifle role or light machine gun role. Various system enhancements have been identified that improve the use of this weapon system. These include the addition of a feedtray cover rail and forward rail assemblies. The addition of these rails provides a Military-Standard-1913 interface allowing the mounting of standard military optics and other target designation devices directly to the machine gun. Improved components include a collapsible buttstock, bipod, drop-in mount cradle and 200-round ammunition pack. Other items being procured to enhance Soldier performance include a light weight ground mount, short barrel, short barrel blank firing adapter and improved sling assembly.

Item Schedule		ID CD	Prior Years			FY 2012			FY 2013			FY 2014 Base			FY 2014 OCO			FY 2014 Total		
Item Nomenclature*	Exhibits		Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)
TBD - M249 SAW Machine Gun MODS	P3A		-	-	130.688	-	-	8.480	-	-	4.996	-	-	7.608	-	-	-	-	-	7.608
<b>Total Gross/Weapon System Cost</b>					<b>130.688</b>			<b>8.480</b>			<b>4.996</b>			<b>7.608</b>			<b>-</b>			<b>7.608</b>

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<b>Exhibit P-40, Budget Item Justification Sheet:</b> PB 2014 Army															<b>Date:</b> April 2013					
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 2033A: Procurement of W&TCV, Army / BA 02: Weapons and Other Combat Vehicles / BSA 20: Mod Of Weapons And Other Combat Veh												<b>P-1 Line Item Nomenclature:</b> GZ1290 - M249 SAW Machine Gun MODS								
<b>ID Code</b> (A=Service Ready, B=Not Service Ready) : A						<b>Program Elements for Code B Items:</b>						<b>Other Related Program Elements:</b>								
<b>MDAP/MAIS Code(s):</b>																				
<b>Item Schedule</b>		<b>ID CD</b>	<b>FY 2015</b>			<b>FY 2016</b>			<b>FY 2017</b>			<b>FY 2018</b>			<b>To Complete</b>			<b>Total</b>		
<b>Item Nomenclature*</b>	<b>Exhibits</b>		<b>Unit Cost (\$ K )</b>	<b>Qty (Each)</b>	<b>Total Cost (\$ M )</b>	<b>Unit Cost (\$ K )</b>	<b>Qty (Each)</b>	<b>Total Cost (\$ M )</b>	<b>Unit Cost (\$ K )</b>	<b>Qty (Each)</b>	<b>Total Cost (\$ M )</b>	<b>Unit Cost (\$ K )</b>	<b>Qty (Each)</b>	<b>Total Cost (\$ M )</b>	<b>Unit Cost (\$ K )</b>	<b>Qty (Each)</b>	<b>Total Cost (\$ M )</b>	<b>Unit Cost (\$ K )</b>	<b>Qty (Each)</b>	<b>Total Cost (\$ M )</b>
TBD - M249 SAW Machine Gun MODS	P3A		-	-	7.607	-	-	6.201	-	-	6.368	-	-	5.800	Continuing			Continuing		
<b>Total Gross/Weapon System Cost</b>				<b>7.607</b>			<b>6.201</b>			<b>6.368</b>			<b>5.800</b>	<b>Continuing</b>			<b>Continuing</b>			
*Item Nomenclature represents Item Number, DODIC, and Item Name for the P40A and P5; Name for the P18 and P23; Modification Number and Modification Title for the P3A; Item Number and Item Name for the P10.																				
Note: Totals in this Exhibit P-40 set may not be exact or add due to rounding.																				
<p><b>Justification:</b>  FY 2014 Base procurement dollars in the amount of \$7.608 million supports the Active Army by purchasing short barrels, short barrel blank firing adapters (BFA), improved collapsible buttstocks, light weight ground mounts, 200 round soft pack magazine, feedbox support improvement kit (FSIK) for the M249 SAW Machine Gun weapon system. The improved collapsible buttstock provides the Soldier improved ergonomics resulting in better target acquisition. The M249 when deployed with a collapsible buttstock and short barrel it reduces the overall weapon length by 10 inches, when compared to the standard issue M249 SAW. The shorter length improves Military Operation in Urban Terrain (MOUT), and Airborne/Air Assault Operations. It allows for easier egress and entrance into vehicles and confined areas, also facilitates clearing operation in current urban combat environments. The shortened M249 improves survivability in extended missions and close combat situations encountered in current war-time deployments. The M192 Light Weight Ground Mount, which weighs 11 lbs., reduces the Soldier's combat load weight by 7.2 lbs. It incorporates a modern traverse and elevating mechanism that maintains a predetermined elevation throughout the full range of weapon traverse, as well as contains a series of index marks that enables gunners to construct a range data card. As a new start FY 2014, a drop-in mount cradle to interface with existing vehicle mounts will be procured.</p> <p>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.</p>																				

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<b>Exhibit P-3A, Individual Modification:</b> PB 2014 Army									<b>Date:</b> April 2013			
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 2033A: Procurement of W&TCV, Army / BA 02: Weapons and Other Combat Vehicles / BSA 20: Mod Of Weapons And Other Combat Veh				<b>P-1 Line Item Nomenclature:</b> GZ1290 - M249 SAW Machine Gun MODS					<b>Modification Nomenclature</b> ( <i>Modification Number - Modification Title</i> ): TBD - M249 SAW Machine Gun MODS			
<b>Models of Systems Affected:</b> M249 SAW Machine Gun			<b>Type Modification:</b> Increased Performance					<b>Related RDT&amp;E PEs:</b>				
<b>Resource Summary</b>	<b>Prior Years</b>	<b>FY 2012</b>	<b>FY 2013<sup>#</sup></b>	<b>FY 2014 Base</b>	<b>FY 2014 OCO<sup>##</sup></b>	<b>FY 2014 Total</b>	<b>FY 2015</b>	<b>FY 2016</b>	<b>FY 2017</b>	<b>FY 2018</b>	<b>To Complete</b>	<b>Total</b>
Procurement Quantity ( <i>Units in Each</i> )	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost ( <i>\$ in Millions</i> )	130.688	8.480	4.996	7.608	-	7.608	7.607	6.201	6.368	5.800	Continuing	Continuing
Less PY Advance Procurement ( <i>\$ in Millions</i> )	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) ( <i>\$ in Millions</i> )	130.688	8.480	4.996	7.608	-	7.608	7.607	6.201	6.368	5.800	Continuing	Continuing
Plus CY Advance Procurement ( <i>\$ in Millions</i> )	-	-	-	-	-	-	-	-	-	-	-	-
<b>Total Obligation Authority</b> ( <i>\$ in Millions</i> )	<b>130.688</b>	<b>8.480</b>	<b>4.996</b>	<b>7.608</b>	<b>-</b>	<b>7.608</b>	<b>7.607</b>	<b>6.201</b>	<b>6.368</b>	<b>5.800</b>	<b>Continuing</b>	<b>Continuing</b>
<i>(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)</i>												
Initial Spares ( <i>\$ in Millions</i> )	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost ( <i>Units in Thousands</i> )	-	-	-	-	-	-	-	-	-	-	-	-
<p><sup>#</sup> FY 2013 Program is from the FY 2013 President's Budget, submitted February 2012</p> <p><sup>##</sup> The FY 2014 OCO Request will be submitted at a later date</p> <p><b>Description:</b>            Various system enhancements have been identified that improve the use of this weapon system. Improved components include a collapsible buttstock, bipod, drop-in mount cradle and 200-round ammunition pack and Feedbox Support Improvement Kit (FSIK). Other items being procured to enhance Soldier performance include a light weight ground mount, short barrel, short barrel blank firing adapter and improved sling assembly.</p>												

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Exhibit P-3A, Individual Modification: PB 2014 Army									Date: April 2013			
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 Nomenclature: GZ1290 - M249 SAW Machine Gun MODS					Modification Nomenclature (Modification Number - Modification Title): TBD - M249 SAW Machine Gun MODS			
Models of Systems Affected: M249 SAW Machine Gun			Type Modification: Increased Performance					Related RDT&E PEs:				
Financial Plan	Prior Years	FY 2012	FY 2013	FY 2014 Base	FY 2014 OCO	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)
Procurement												
M249 SAW Bipod												
B Kits												
Recurring												
Hardware	1,617 / 16.073	1,458 / 0.135	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	3,075 / 16.208
Engineering Support	0 / 2.858	- / 0.135	- / 0.050	- / 0.200	- / -	- / 0.200	- / 0.200	- / 0.200	- / 0.100	- / -	- / -	- / 3.743
Integrated Logistical Support	0 / 0.730	- / -	- / -	- / 0.050	- / -	- / 0.050	- / 0.050	- / 0.050	- / 0.035	- / -	- / -	- / 0.915
Fielding	0 / 0.376	- / 0.074	- / 0.074	- / 0.074	- / -	- / 0.074	- / 0.072	- / 0.072	- / 0.072	- / -	- / -	- / 0.814
Program Management Support	0 / 0.146	- / 0.050	- / 0.050	- / 0.200	- / -	- / 0.200	- / 0.200	- / 0.200	- / 0.100	- / -	- / -	- / 0.946
Subtotal Recurring	1,617 / 20.183	1,458 / 0.394	- / 0.174	- / 0.524	- / -	- / 0.524	- / 0.522	- / 0.522	- / 0.307	- / -	- / -	3,075 / 22.626
Total, M249 SAW Bipod	1,617 / 20.183	1,458 / 0.394	- / 0.174	- / 0.524	- / -	- / 0.524	- / 0.522	- / 0.522	- / 0.307	- / -	- / -	3,075 / 22.626
M249 Short Barrel/Short Barrel BFA/Coll Buttstock												
B Kits												
Recurring												
Hardware	0 / 60.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 60.000
Short Barrel	4,740 / 1.554	- / -	3,297 / 1.174	3,189 / 1.161	- / -	3,189 / 1.161	4,723 / 1.738	4,253 / 1.614	6,113 / 2.343	- / -	- / -	26,315 / 9.584
Short Barrel Improved	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 0.100	1,737 / 3.475	- / -	1,737 / 3.575
Blank Firing Adapter	2,818 / 0.248	4,505 / 0.417	- / -	17,170 / 1.628	- / -	17,170 / 1.628	12,852 / 1.240	12,182 / 1.267	9,576 / 1.025	- / -	- / -	59,103 / 5.825
Collapsible Buttstock	2,000 / 0.464	2,761 / 0.679	2,288 / 0.572	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	7,049 / 1.715
Engineering Support	0 / 4.087	- / 0.270	- / 0.254	- / 0.442	- / -	- / 0.442	- / 0.428	- / 0.316	- / 0.304	- / 0.450	- / -	- / 6.551
Integrated Logistical Support	0 / 0.620	- / -	- / -	- / 0.050	- / -	- / 0.050	- / 0.050	- / 0.050	- / 0.050	- / 0.050	- / -	- / 0.870
Fielding	0 / 0.349	- / 0.146	- / 0.148	- / 0.246	- / -	- / 0.246	- / 0.188	- / 0.197	- / 0.197	- / 0.200	- / -	- / 1.671
Program Management Support	0 / 0.246	- / 0.492	- / 0.255	- / 0.400	- / -	- / 0.400	- / 0.486	- / 0.355	- / 0.320	- / 0.400	- / -	- / 2.954
Subtotal Recurring	9,558 / 67.568	7,266 / 2.004	5,585 / 2.403	20,359 / 3.927	- / -	20,359 / 3.927	17,575 / 4.130	16,435 / 3.799	15,689 / 4.339	1,737 / 4.575	- / -	94,204 / 92.745
Total, M249 Short Barrel/Short Barrel BFA/Coll Buttstock	9,558 / 67.568	7,266 / 2.004	5,585 / 2.403	20,359 / 3.927	- / -	20,359 / 3.927	17,575 / 4.130	16,435 / 3.799	15,689 / 4.339	1,737 / 4.575	- / -	94,204 / 92.745
Light Weight Ground Mount/Drop-in Mount Cradle												
B Kits												
Recurring												
Hardware- Lightweight Ground Mount	880 / 27.333	2,529 / 2.521	1,029 / 1.056	1,171 / 1.227	- / -	1,171 / 1.227	1,371 / 1.437	595 / 0.661	357 / 0.410	- / -	- / -	7,932 / 34.645
Hardware-Drop-in Mount Cradle	0 / 0.000	- / -	- / -	230 / 0.150	- / -	230 / 0.150	230 / 0.150	230 / 0.150	230 / 0.150	230 / 0.150	- / -	1,150 / 0.750
Engineering Support	0 / 2.578	- / 0.171	- / 0.172	- / 0.366	- / -	- / 0.366	- / 0.358	- / 0.154	- / 0.346	- / 0.300	- / -	- / 4.445

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Exhibit P-3A, Individual Modification: PB 2014 Army								Date: April 2013				
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 Nomenclature: GZ1290 - M249 SAW Machine Gun MODS					Modification Nomenclature (Modification Number - Modification Title): TBD - M249 SAW Machine Gun MODS				
Models of Systems Affected: M249 SAW Machine Gun			Type Modification: Increased Performance					Related RDT&E PEs:				
Financial Plan	Prior Years	FY 2012	FY 2013	FY 2014 Base	FY 2014 OCO	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)
Program Management Support	0 / 0.161	- / 0.110	- / 0.110	- / 0.310	- / -	- / 0.310	- / 0.310	- / 0.275	- / 0.205	- / 0.150	- / -	- / 1.631
Integrated Logistical Support	0 / 0.330	- / 0.025	- / 0.030	- / 0.050	- / -	- / 0.050	- / 0.050	- / 0.050	- / 0.050	- / 0.050	- / -	- / 0.635
Fielding	0 / 0.275	- / 0.074	- / 0.074	- / 0.150	- / -	- / 0.150	- / 0.150	- / 0.150	- / 0.121	- / 0.075	- / -	- / 1.069
Subtotal Recurring	880 / 30.677	2,529 / 2.901	1,029 / 1.442	1,401 / 2.253	- / -	1,401 / 2.253	1,601 / 2.455	825 / 1.440	587 / 1.282	230 / 0.725	- / -	9,082 / 43.175
Total, Light Weight Ground Mount/Drop-in Mount Cradle	880 / 30.677	2,529 / 2.901	1,029 / 1.442	1,401 / 2.253	- / -	1,401 / 2.253	1,601 / 2.455	825 / 1.440	587 / 1.282	230 / 0.725	- / -	9,082 / 43.175
200rd/Feedbox Spt Improvement Kit												
B Kits												
Recurring												
Hardware	0 / 9.800	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 9.800
200 Rd Magazine	0 / 0.000	26,793 / 1.661	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	26,793 / 1.661
Slings	6,000 / 0.231	1,230 / 0.303	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	7,230 / 0.534
Feedbox Support Improvement Kit	17,784 / 0.635	15,829 / 0.931	6,645 / 0.698	10,360 / 0.555	- / -	10,360 / 0.555	- / -	- / -	- / -	- / -	- / -	50,618 / 2.819
Engineering Support	0 / 1.333	- / 0.122	- / 0.114	- / 0.173	- / -	- / 0.173	- / 0.200	- / 0.240	- / 0.180	- / 0.200	- / -	- / 2.562
Fielding	0 / 0.175	- / 0.074	- / 0.075	- / 0.076	- / -	- / 0.076	- / 0.100	- / 0.100	- / 0.090	- / 0.100	- / -	- / 0.790
Program Management Support	0 / 0.086	- / 0.090	- / 0.090	- / 0.100	- / -	- / 0.100	- / 0.200	- / 0.100	- / 0.170	- / 0.200	- / -	- / 1.036
Subtotal Recurring	23,784 / 12.260	43,852 / 3.181	6,645 / 0.977	10,360 / 0.904	- / -	10,360 / 0.904	- / 0.500	- / 0.440	- / 0.440	- / 0.500	- / -	84,641 / 19.202
Total, 200rd/Feedbox Spt Improvement Kit	23,784 / 12.260	43,852 / 3.181	6,645 / 0.977	10,360 / 0.904	- / -	10,360 / 0.904	- / 0.500	- / 0.440	- / 0.440	- / 0.500	- / -	84,641 / 19.202
Total Procurement, All Modifications	35,839 / 130.688	55,105 / 8.480	13,259 / 4.996	32,120 / 7.608	- / -	32,120 / 7.608	19,176 / 7.607	17,260 / 6.201	16,276 / 6.368	1,967 / 5.800	- / -	191,002 / 177.748
Total Procurement and Support	130.688	8.480	4.996	7.608	-	7.608	7.607	6.201	6.368	5.800	-	177.748
M249 SAW Bipod Installation Cost	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
M249 Short Barrel/Short Barrel BFA/Coll Buttstock Installation Cost	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
Light Weight Ground Mount/Drop-in Mount Cradle Installation Cost	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
200rd/Feedbox Spt Improvement Kit Installation Cost	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
Total Installation Cost	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
Total Cost (Procurement + Support + Installation)	130.688	8.480	4.996	7.608	-	7.608	7.607	6.201	6.368	5.800	-	177.748

**UNCLASSIFIED**

<b>Exhibit P-3A, Individual Modification:</b> PB 2014 Army										<b>Date:</b> April 2013																					
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 2033A: Procurement of W&TCV, Army / BA 02: Weapons and Other Combat Vehicles / BSA 20: Mod Of Weapons And Other Combat Veh										<b>P-1 Line Item Nomenclature:</b> GZ1290 - M249 SAW Machine Gun MODS										<b>Modification Nomenclature</b> ( <i>Modification Number - Modification Title</i> ): TBD - M249 SAW Machine Gun MODS											
<b>Models of Systems Affected:</b> M249 SAW Machine Gun										<b>Type Modification:</b> Increased Performance										<b>Related RDT&amp;E PEs:</b>											
<b>Manufacturer Information: M249 SAW Bipod</b>																															
Manufacturer Name: TRI Technology Industries														Manufacturer Location: Mt. Vernon, NY																	
Administrative Leadtime ( <i>in Months</i> ): 6														Production Leadtime ( <i>in Months</i> ): 4																	
<b>Dates</b>		<b>FY 2012</b>				<b>FY 2013</b>				<b>FY 2014</b>				<b>FY 2015</b>				<b>FY 2016</b>				<b>FY 2017</b>				<b>FY 2018</b>					
Contract Dates		Mar 2012																													
Delivery Dates		Jul 2012																													
<b>Installation:</b> M249 SAW Bipod										<b>Method of Implementation:</b> Installed by Troops										<b>Installation Name:</b>											
<b>Installation Cost</b>		<b>Prior Years</b>		<b>FY 2012</b>		<b>FY 2013</b>		<b>FY 2014 Base</b>		<b>FY 2014 OCO</b>		<b>FY 2014 Total</b>		<b>FY 2015</b>		<b>FY 2016</b>		<b>FY 2017</b>		<b>FY 2018</b>		<b>To Complete</b>		<b>Total</b>							
		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)							
All Prior Years		0 / 0.000		0 / 0.000		0 / 0.000		0 / 0.000		- / -		0 / 0.000		0 / 0.000		0 / 0.000		0 / 0.000		0 / 0.000		0 / 0.000		0 / 0.000							
FY 2012		0 / 0.000		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -					
FY 2013		0 / 0.000		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -					
FY 2014		0 / 0.000		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -					
FY 2015		0 / 0.000		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -					
FY 2016		0 / 0.000		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -					
FY 2017		0 / 0.000		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -					
FY 2018		0 / 0.000		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -					
To Complete		0 / 0.000		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -					
Total		0 / 0.000		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -					
<b>Installation Schedule</b>																															
	<b>APY</b>	<b>FY 2012</b>				<b>FY 2013</b>				<b>FY 2014</b>				<b>FY 2015</b>				<b>FY 2016</b>				<b>FY 2017</b>				<b>FY 2018</b>					
		<b>1</b>	<b>2</b>	<b>3</b>	<b>4</b>	<b>1</b>	<b>2</b>	<b>3</b>	<b>4</b>	<b>1</b>	<b>2</b>	<b>3</b>	<b>4</b>	<b>1</b>	<b>2</b>	<b>3</b>	<b>4</b>	<b>1</b>	<b>2</b>	<b>3</b>	<b>4</b>	<b>1</b>	<b>2</b>	<b>3</b>	<b>4</b>	<b>1</b>	<b>2</b>	<b>3</b>	<b>4</b>	<b>TC</b>	<b>Tot</b>
In	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Out	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-



**UNCLASSIFIED**

<b>Exhibit P-3A, Individual Modification:</b> PB 2014 Army										<b>Date:</b> April 2013																			
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 2033A: Procurement of W&TCV, Army / BA 02: Weapons and Other Combat Vehicles / BSA 20: Mod Of Weapons And Other Combat Veh										<b>P-1 Line Item Nomenclature:</b> GZ1290 - M249 SAW Machine Gun MODS										<b>Modification Nomenclature</b> (Modification Number - Modification Title): TBD - M249 SAW Machine Gun MODS									
<b>Models of Systems Affected:</b> M249 SAW Machine Gun										<b>Type Modification:</b> Increased Performance										<b>Related RDT&amp;E PEs:</b>									
<b>Manufacturer Information: M249 Short Barrel/Short Barrel BFA/Coll Buttstock</b>																													
Manufacturer Name: N/A													Manufacturer Location: N/A																
Administrative Leadtime (in Months): 6													Production Leadtime (in Months): 9																
<b>Dates</b>		<b>FY 2012</b>				<b>FY 2013</b>				<b>FY 2014</b>				<b>FY 2015</b>				<b>FY 2016</b>				<b>FY 2017</b>				<b>FY 2018</b>			
Contract Dates		Mar 2012				Mar 2013				Mar 2014				Mar 2015				Mar 2016				Mar 2017				Mar 2018			
Delivery Dates		Dec 2012				Dec 2013				Dec 2014				Dec 2015				Dec 2016				Dec 2017				Dec 2018			

  

<b>Installation:</b> M249 Short Barrel/Short Barrel BFA/Coll Buttstock										<b>Method of Implementation:</b> Installed by Troops										<b>Installation Name:</b>									
<b>Installation Cost</b>	<b>Prior Years</b>	<b>FY 2012</b>	<b>FY 2013</b>	<b>FY 2014 Base</b>	<b>FY 2014 OCO</b>	<b>FY 2014 Total</b>	<b>FY 2015</b>	<b>FY 2016</b>	<b>FY 2017</b>	<b>FY 2018</b>	<b>To Complete</b>	<b>Total</b>																	
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)																	
All Prior Years	0 / 0.000	0 / 0.000	0 / 0.000	0 / 0.000	- / -	0 / 0.000	0 / 0.000	0 / 0.000	0 / 0.000	0 / 0.000	0 / 0.000	0 / 0.000																	
FY 2012	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -																	
FY 2013	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -																	
FY 2014	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -																	
FY 2015	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -																	
FY 2016	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -																	
FY 2017	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -																	
FY 2018	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -																	
To Complete	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -																	
Total	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -																	

  

<b>Installation Schedule</b>																															
	<b>APY</b>	<b>FY 2012</b>				<b>FY 2013</b>				<b>FY 2014</b>				<b>FY 2015</b>				<b>FY 2016</b>				<b>FY 2017</b>				<b>FY 2018</b>					
		<b>1</b>	<b>2</b>	<b>3</b>	<b>4</b>	<b>1</b>	<b>2</b>	<b>3</b>	<b>4</b>	<b>1</b>	<b>2</b>	<b>3</b>	<b>4</b>	<b>1</b>	<b>2</b>	<b>3</b>	<b>4</b>	<b>1</b>	<b>2</b>	<b>3</b>	<b>4</b>	<b>1</b>	<b>2</b>	<b>3</b>	<b>4</b>	<b>1</b>	<b>2</b>	<b>3</b>	<b>4</b>	<b>TC</b>	<b>Tot</b>
In	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Out	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

**UNCLASSIFIED**

<b>Exhibit P-3A, Individual Modification:</b> PB 2014 Army										<b>Date:</b> April 2013																					
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 2033A: Procurement of W&TCV, Army / BA 02: Weapons and Other Combat Vehicles / BSA 20: Mod Of Weapons And Other Combat Veh										<b>P-1 Line Item Nomenclature:</b> GZ1290 - M249 SAW Machine Gun MODS										<b>Modification Nomenclature</b> ( <i>Modification Number - Modification Title</i> ): TBD - M249 SAW Machine Gun MODS											
<b>Models of Systems Affected:</b> M249 SAW Machine Gun										<b>Type Modification:</b> Increased Performance										<b>Related RDT&amp;E PEs:</b>											
<b>Manufacturer Information:</b> Light Weight Ground Mount/Drop-in Mount Cradle																															
Manufacturer Name: N/A														Manufacturer Location: N/A																	
Administrative Leadtime ( <i>in Months</i> ): 6														Production Leadtime ( <i>in Months</i> ): 3																	
<b>Dates</b>		<b>FY 2012</b>				<b>FY 2013</b>				<b>FY 2014</b>				<b>FY 2015</b>				<b>FY 2016</b>				<b>FY 2017</b>				<b>FY 2018</b>					
Contract Dates		Mar 2012				Mar 2013				Mar 2014				Mar 2015				Mar 2016				Mar 2017									
Delivery Dates		Jun 2012				Jun 2013				Jun 2014				Jun 2015				Jun 2016				Jun 2017									
<b>Installation:</b> Light Weight Ground Mount/Drop-in Mount Cradle										<b>Method of Implementation:</b> Installed by Troops										<b>Installation Name:</b>											
<b>Installation Cost</b>		<b>Prior Years</b>		<b>FY 2012</b>		<b>FY 2013</b>		<b>FY 2014 Base</b>		<b>FY 2014 OCO</b>		<b>FY 2014 Total</b>		<b>FY 2015</b>		<b>FY 2016</b>		<b>FY 2017</b>		<b>FY 2018</b>		<b>To Complete</b>		<b>Total</b>							
		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)							
All Prior Years		0 / 0.000		0 / 0.000		0 / 0.000		0 / 0.000		- / -		0 / 0.000		0 / 0.000		0 / 0.000		0 / 0.000		0 / 0.000		0 / 0.000		0 / 0.000		0 / 0.000					
FY 2012		0 / 0.000		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -			
FY 2013		0 / 0.000		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -			
FY 2014		0 / 0.000		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -			
FY 2015		0 / 0.000		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -			
FY 2016		0 / 0.000		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -			
FY 2017		0 / 0.000		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -			
FY 2018		0 / 0.000		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -			
To Complete		0 / 0.000		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -			
Total		0 / 0.000		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -			
<b>Installation Schedule</b>																															
	<b>APY</b>	<b>FY 2012</b>				<b>FY 2013</b>				<b>FY 2014</b>				<b>FY 2015</b>				<b>FY 2016</b>				<b>FY 2017</b>				<b>FY 2018</b>					
		<b>1</b>	<b>2</b>	<b>3</b>	<b>4</b>	<b>1</b>	<b>2</b>	<b>3</b>	<b>4</b>	<b>1</b>	<b>2</b>	<b>3</b>	<b>4</b>	<b>1</b>	<b>2</b>	<b>3</b>	<b>4</b>	<b>1</b>	<b>2</b>	<b>3</b>	<b>4</b>	<b>1</b>	<b>2</b>	<b>3</b>	<b>4</b>	<b>1</b>	<b>2</b>	<b>3</b>	<b>4</b>	<b>TC</b>	<b>Tot</b>
In	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Out	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

**UNCLASSIFIED**

<b>Exhibit P-3A, Individual Modification:</b> PB 2014 Army										<b>Date:</b> April 2013																					
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 2033A: Procurement of W&TCV, Army / BA 02: Weapons and Other Combat Vehicles / BSA 20: Mod Of Weapons And Other Combat Veh										<b>P-1 Line Item Nomenclature:</b> GZ1290 - M249 SAW Machine Gun MODS										<b>Modification Nomenclature</b> ( <i>Modification Number - Modification Title</i> ): TBD - M249 SAW Machine Gun MODS											
<b>Models of Systems Affected:</b> M249 SAW Machine Gun										<b>Type Modification:</b> Increased Performance										<b>Related RDT&amp;E PEs:</b>											
<b>Manufacturer Information: 200rd/Feedbox Spt Improvement Kit</b>																															
Manufacturer Name: N/A													Manufacturer Location: N/A																		
Administrative Leadtime ( <i>in Months</i> ): 6													Production Leadtime ( <i>in Months</i> ): 9																		
<b>Dates</b>		<b>FY 2012</b>				<b>FY 2013</b>				<b>FY 2014</b>				<b>FY 2015</b>				<b>FY 2016</b>				<b>FY 2017</b>				<b>FY 2018</b>					
Contract Dates		Mar 2012				Mar 2013				Mar 2014																					
Delivery Dates		Dec 2012				Dec 2013				Dec 2014																					
<b>Installation:</b> 200rd/Feedbox Spt Improvement Kit													<b>Method of Implementation:</b> Installed by Troops										<b>Installation Name:</b>								
<b>Installation Cost</b>		<b>Prior Years</b>		<b>FY 2012</b>		<b>FY 2013</b>		<b>FY 2014 Base</b>		<b>FY 2014 OCO</b>		<b>FY 2014 Total</b>		<b>FY 2015</b>		<b>FY 2016</b>		<b>FY 2017</b>		<b>FY 2018</b>		<b>To Complete</b>		<b>Total</b>							
		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)							
All Prior Years		0 / 0.000		0 / 0.000		0 / 0.000		0 / 0.000		- / -		0 / 0.000		0 / 0.000		0 / 0.000		0 / 0.000		0 / 0.000		0 / 0.000		0 / 0.000		0 / 0.000					
FY 2012		0 / 0.000		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -					
FY 2013		0 / 0.000		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -					
FY 2014		0 / 0.000		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -					
FY 2015		0 / 0.000		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -					
FY 2016		0 / 0.000		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -					
FY 2017		0 / 0.000		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -					
FY 2018		0 / 0.000		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -					
To Complete		0 / 0.000		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -					
Total		0 / 0.000		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -					
<b>Installation Schedule</b>																															
	<b>APY</b>	<b>FY 2012</b>				<b>FY 2013</b>				<b>FY 2014</b>				<b>FY 2015</b>				<b>FY 2016</b>				<b>FY 2017</b>				<b>FY 2018</b>					
		<b>1</b>	<b>2</b>	<b>3</b>	<b>4</b>	<b>1</b>	<b>2</b>	<b>3</b>	<b>4</b>	<b>1</b>	<b>2</b>	<b>3</b>	<b>4</b>	<b>1</b>	<b>2</b>	<b>3</b>	<b>4</b>	<b>1</b>	<b>2</b>	<b>3</b>	<b>4</b>	<b>1</b>	<b>2</b>	<b>3</b>	<b>4</b>	<b>1</b>	<b>2</b>	<b>3</b>	<b>4</b>	<b>TC</b>	<b>Tot</b>
In	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Out	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

# UNCLASSIFIED

**Exhibit P-40, Budget Item Justification Sheet:** PB 2014 Army **Date:** April 2013

<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 2033A: Procurement of W&TCV, Army / BA 02: Weapons and Other Combat Vehicles / BSA 20: Mod Of Weapons And Other Combat Veh	<b>P-1 Line Item Nomenclature:</b> GZ1300 - M240 Medium Machine Gun MODS
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<b>ID Code</b> (A=Service Ready, B=Not Service Ready) : A	<b>Program Elements for Code B Items:</b>	<b>Other Related Program Elements:</b>
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**MDAP/MAIS Code(s):**

Resource Summary	Prior Years	FY 2012	FY 2013 <sup>#</sup>	FY 2014 Base	FY 2014 OCO <sup>##</sup>	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total
Procurement Quantity <i>(Units in Each)</i>	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost <i>(\$ in Millions)</i>	71.762	15.718	6.806	2.719	-	2.719	5.885	5.568	4.847	5.000	Continuing	Continuing
Less PY Advance Procurement <i>(\$ in Millions)</i>	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) <i>(\$ in Millions)</i>	71.762	15.718	6.806	2.719	-	2.719	5.885	5.568	4.847	5.000	Continuing	Continuing
Plus CY Advance Procurement <i>(\$ in Millions)</i>	-	-	-	-	-	-	-	-	-	-	-	-
<b>Total Obligation Authority <i>(\$ in Millions)</i></b>	<b>71.762</b>	<b>15.718</b>	<b>6.806</b>	<b>2.719</b>	<b>-</b>	<b>2.719</b>	<b>5.885</b>	<b>5.568</b>	<b>4.847</b>	<b>5.000</b>	<b>Continuing</b>	<b>Continuing</b>
<i>(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)</i>												
Initial Spares <i>(\$ in Millions)</i>	-	-	-	-	-	-	-	-	-	-	-	-
Flyaway Unit Cost <i>(Units in Thousands)</i>	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost <i>(Units in Thousands)</i>	-	-	-	-	-	-	-	-	-	-	-	-

<sup>#</sup> FY 2013 Program is from the FY 2013 President's Budget, submitted February 2012

<sup>##</sup> The FY 2014 OCO Request will be submitted at a later date

## Description:

The M240B/L Medium Machine Gun is an infantry version of the M240 Armored Machine Gun used to replace the M60 Series Machine Gun in Light Infantry, Mechanized Infantry, Armor, Rangers, Special Forces, and select Combat Engineer units. Since the initial fielding of the M240B, various system enhancements have been identified that further improves the use of this weapon system by increasing functionality and performance capabilities, while improving training capability. These include adopting a forward rail system to mount ancillary sighting/night vision equipment, an accessory ammunition pouch, a spare barrel bag to transport and store overheated barrels, and an improved Light Weight Ground Mount. Additional enhancements include improved bipod, sling, short barrel, improved barrel, combat ammo pack, improved hydraulic buffer, drop-in mount cradle and collapsible buttstock. These enhancements are applicable to both the M240B and M240L. M240L reduces the weight of the existing M240B by approximately 5 pounds.

Item Schedule		ID CD	Prior Years			FY 2012			FY 2013			FY 2014 Base			FY 2014 OCO			FY 2014 Total		
Item Nomenclature*	Exhibits		Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)
TBD - M240 Series System Improvements	P3A		-	-	71.762	-	-	15.718	-	-	6.806	-	-	2.719	-	-	-	-	-	2.719
<b>Total Gross/Weapon System Cost</b>					<b>71.762</b>			<b>15.718</b>			<b>6.806</b>			<b>2.719</b>			<b>-</b>			<b>2.719</b>

**UNCLASSIFIED**

<b>Exhibit P-40, Budget Item Justification Sheet:</b> PB 2014 Army																<b>Date:</b> April 2013					
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 2033A: Procurement of W&TCV, Army / BA 02: Weapons and Other Combat Vehicles / BSA 20: Mod Of Weapons And Other Combat Veh												<b>P-1 Line Item Nomenclature:</b> GZ1300 - M240 Medium Machine Gun MODS									
<b>ID Code</b> (A=Service Ready, B=Not Service Ready) : A						<b>Program Elements for Code B Items:</b>						<b>Other Related Program Elements:</b>									
<b>MDAP/MAIS Code(s):</b>																					
<b>Item Schedule</b>		<b>ID CD</b>	<b>FY 2015</b>			<b>FY 2016</b>			<b>FY 2017</b>			<b>FY 2018</b>			<b>To Complete</b>			<b>Total</b>			
<b>Item Nomenclature*</b>	<b>Exhibits</b>		<b>Unit Cost (\$ K )</b>	<b>Qty (Each)</b>	<b>Total Cost (\$ M )</b>	<b>Unit Cost (\$ K )</b>	<b>Qty (Each)</b>	<b>Total Cost (\$ M )</b>	<b>Unit Cost (\$ K )</b>	<b>Qty (Each)</b>	<b>Total Cost (\$ M )</b>	<b>Unit Cost (\$ K )</b>	<b>Qty (Each)</b>	<b>Total Cost (\$ M )</b>	<b>Unit Cost (\$ K )</b>	<b>Qty (Each)</b>	<b>Total Cost (\$ M )</b>	<b>Unit Cost (\$ K )</b>	<b>Qty (Each)</b>	<b>Total Cost (\$ M )</b>	
TBD - M240 Series System Improvements	P3A		-	-	5.885	-	-	5.568	-	-	4.847	-	-	5.000	Continuing			Continuing			
<b>Total Gross/Weapon System Cost</b>					<b>5.885</b>			<b>5.568</b>			<b>4.847</b>			<b>5.000</b>	<b>Continuing</b>			<b>Continuing</b>			
<p><small>*Item Nomenclature represents Item Number, DODIC, and Item Name for the P40A and P5; Name for the P18 and P23; Modification Number and Modification Title for the P3A; Item Number and Item Name for the P10.</small></p> <p><small>Note: Totals in this Exhibit P-40 set may not be exact or add due to rounding.</small></p>																					
<p><b>Justification:</b>  FY 2014 Base procurement dollars in the amount of \$2.719 million supports the Active Army by purchasing system enhancements for the M240B/L Medium Machine Gun Weapon System. System enhancements have been identified by fielded units to further improve the reliability and functionality of this weapon system. These include improved bipods, collapsible buttstocks which complete production of these items and allow for fielding to approximately 25 Infantry Brigade Combat Teams (IBCT). Additionally, improved hydraulic buffers will be acquired that support the M240B's in service, as well provide funding for an improved rail system and improved barrels. M240L reduces the Soldier's combat load while allowing easier handling and movement of the weapon. As a new start FY 2014, a drop-in mount cradle to interface with existing vehicle mounts will be procured.</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>																					

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Exhibit P-3A, Individual Modification: PB 2014 Army								Date: April 2013				
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 Nomenclature: GZ1300 - M240 Medium Machine Gun MODS				Modification Nomenclature (Modification Number - Modification Title): TBD - M240 Series System Improvements				
Models of Systems Affected: M240 Medium Machine Gun			Type Modification: Installed by Troops					Related RDT&E PEs:				
Resource Summary	Prior Years	FY 2012	FY 2013 <sup>#</sup>	FY 2014 Base	FY 2014 OCO <sup>##</sup>	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total
Procurement Quantity (Units in Each)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost (\$ in Millions)	71.762	15.718	6.806	2.719	-	2.719	5.885	5.568	4.847	5.000	Continuing	Continuing
Less PY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (\$ in Millions)	71.762	15.718	6.806	2.719	-	2.719	5.885	5.568	4.847	5.000	Continuing	Continuing
Plus CY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (\$ in Millions)	71.762	15.718	6.806	2.719	-	2.719	5.885	5.568	4.847	5.000	Continuing	Continuing
(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)												
Initial Spares (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost (Units in Thousands)	-	-	-	-	-	-	-	-	-	-	-	-
# FY 2013 Program is from the FY 2013 President's Budget, submitted February 2012												
## The FY 2014 OCO Request will be submitted at a later date												
Description: The M240B/L Medium Machine Gun is an infantry version of the M240 Armored Machine Gun used to replace the M60 Series Machine Gun in Light Infantry, Mechanized Infantry, Armor, Rangers, Special Forces, and select Combat Engineer units. Since the initial fielding of the M240B, various system enhancements have been identified that further improves the use of this weapon system by increasing functionality and performance capabilities, while improving training capability. These include adopting a forward rail system to mount ancillary sighting/night vision equipment, an accessory ammunition pouch, a spare barrel bag to transport and store overheated barrels, and an improved Light Weight Ground Mount. Additional enhancements include improved bipod, sling, short barrel, improved barrel, combat ammo pack, improved hydraulic buffer, drop-in mount cradle and collapsible buttstock. These enhancements are applicable to both the M240B and M240L. M240L reduces the weight of the existing M240B by approximately 5 pounds.												

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Exhibit P-3A, Individual Modification: PB 2014 Army								Date: April 2013				
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 Nomenclature: GZ1300 - M240 Medium Machine Gun MODS				Modification Nomenclature (Modification Number - Modification Title): TBD - M240 Series System Improvements				
Models of Systems Affected: M240 Medium Machine Gun			Type Modification: Installed by Troops					Related RDT&E PEs:				
Financial Plan	Prior Years	FY 2012	FY 2013	FY 2014 Base	FY 2014 OCO	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)
Procurement												
M240 Series System Improvements												
B Kits												
Recurring												
Hardware	33,175 / 68.700	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	33,175 / 68.700
Bipods	0 / 0.000	4,700 / 2.600	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	4,700 / 2.600
Collapsible Buttstock	0 / 0.000	5,700 / 4.400	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	5,700 / 4.400
Improved Buffer	0 / 0.000	22,000 / 5.900	12,196 / 3.300	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	34,196 / 9.200
Improved Rails	0 / 0.000	- / -	- / -	- / -	- / -	- / -	21,000 / 3.121	13,000 / 2.000	14,196 / 2.200	- / -	- / -	48,196 / 7.321
Improved Barrel	0 / 0.000	- / -	2,000 / 1.500	2,400 / 2.020	- / -	2,400 / 2.020	1,850 / 1.650	3,300 / 2.950	2,050 / 1.950	4,550 / 4.250	- / -	16,150 / 14.320
Drop-in Mount Cradle	0 / 0.000	- / -	- / -	230 / 0.150	- / -	230 / 0.150	230 / 0.150	230 / 0.150	230 / 0.150	230 / 0.150	- / -	1,150 / 0.750
Engineering Support	0 / 1.600	- / 1.500	- / 0.900	- / 0.400	- / -	- / 0.400	- / 0.400	- / 0.268	- / 0.300	- / 0.270	- / -	- / 5.638
Integrated Logistical Support	0 / 0.500	- / 0.600	- / 0.500	- / 0.049	- / -	- / 0.049	- / 0.200	- / -	- / 0.100	- / 0.100	- / -	- / 2.049
Fielding	0 / 0.962	- / 0.718	- / 0.606	- / 0.100	- / -	- / 0.100	- / 0.364	- / 0.200	- / 0.147	- / 0.230	- / -	- / 3.327
Subtotal Recurring	33,175 / 71.762	32,400 / 15.718	14,196 / 6.806	2,630 / 2.719	- / -	2,630 / 2.719	23,080 / 5.885	16,530 / 5.568	16,476 / 4.847	4,780 / 5.000	- / -	143,267 / 118.305
Total, M240 Series System Improvements	33,175 / 71.762	32,400 / 15.718	14,196 / 6.806	2,630 / 2.719	- / -	2,630 / 2.719	23,080 / 5.885	16,530 / 5.568	16,476 / 4.847	4,780 / 5.000	- / -	143,267 / 118.305
Total Procurement, All Modifications	33,175 / 71.762	32,400 / 15.718	14,196 / 6.806	2,630 / 2.719	- / -	2,630 / 2.719	23,080 / 5.885	16,530 / 5.568	16,476 / 4.847	4,780 / 5.000	- / -	143,267 / 118.305
Total Procurement and Support	71.762	15.718	6.806	2.719	-	2.719	5.885	5.568	4.847	5.000	-	118.305
M240 Series System Improvements Installation Cost	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
Total Installation Cost	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
Total Cost (Procurement + Support + Installation)	71.762	15.718	6.806	2.719	-	2.719	5.885	5.568	4.847	5.000	-	118.305

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<b>Exhibit P-3A, Individual Modification:</b> PB 2014 Army										<b>Date:</b> April 2013																					
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 2033A: Procurement of W&TCV, Army / BA 02: Weapons and Other Combat Vehicles / BSA 20: Mod Of Weapons And Other Combat Veh										<b>P-1 Line Item Nomenclature:</b> GZ1300 - M240 Medium Machine Gun MODS										<b>Modification Nomenclature</b> ( <i>Modification Number - Modification Title</i> ): TBD - M240 Series System Improvements											
<b>Models of Systems Affected:</b> M240 Medium Machine Gun										<b>Type Modification:</b> Installed by Troops										<b>Related RDT&amp;E PEs:</b>											
<b>Manufacturer Information: M240 Series System Improvements</b>																															
Manufacturer Name: N/A													Manufacturer Location: N/A																		
Administrative Leadtime ( <i>in Months</i> ): 6													Production Leadtime ( <i>in Months</i> ): 7																		
<b>Dates</b>		<b>FY 2012</b>				<b>FY 2013</b>				<b>FY 2014</b>				<b>FY 2015</b>				<b>FY 2016</b>				<b>FY 2017</b>				<b>FY 2018</b>					
Contract Dates		Mar 2012				Mar 2013				Mar 2014				Mar 2015				Mar 2016				Mar 2017				Mar 2018					
Delivery Dates		Oct 2012				Oct 2013				Oct 2014				Oct 2015				Oct 2016				Oct 2017				Oct 2018					
<b>Installation:</b> M240 Series System Improvements													<b>Method of Implementation:</b> Installed by Troops										<b>Installation Name:</b>								
<b>Installation Cost</b>		<b>Prior Years</b>		<b>FY 2012</b>		<b>FY 2013</b>		<b>FY 2014 Base</b>		<b>FY 2014 OCO</b>		<b>FY 2014 Total</b>		<b>FY 2015</b>		<b>FY 2016</b>		<b>FY 2017</b>		<b>FY 2018</b>		<b>To Complete</b>		<b>Total</b>							
		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)							
All Prior Years		0 / 0.000		0 / 0.000		0 / 0.000		0 / 0.000		- / -		0 / 0.000		0 / 0.000		0 / 0.000		0 / 0.000		0 / 0.000		0 / 0.000		0 / 0.000		0 / 0.000					
FY 2012		0 / 0.000		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -			
FY 2013		0 / 0.000		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -			
FY 2014		0 / 0.000		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -			
FY 2015		0 / 0.000		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -			
FY 2016		0 / 0.000		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -			
FY 2017		0 / 0.000		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -			
FY 2018		0 / 0.000		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -			
To Complete		0 / 0.000		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -			
Total		0 / 0.000		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -			
<b>Installation Schedule</b>																															
	<b>APY</b>	<b>FY 2012</b>				<b>FY 2013</b>				<b>FY 2014</b>				<b>FY 2015</b>				<b>FY 2016</b>				<b>FY 2017</b>				<b>FY 2018</b>					
		<b>1</b>	<b>2</b>	<b>3</b>	<b>4</b>	<b>1</b>	<b>2</b>	<b>3</b>	<b>4</b>	<b>1</b>	<b>2</b>	<b>3</b>	<b>4</b>	<b>1</b>	<b>2</b>	<b>3</b>	<b>4</b>	<b>1</b>	<b>2</b>	<b>3</b>	<b>4</b>	<b>1</b>	<b>2</b>	<b>3</b>	<b>4</b>	<b>1</b>	<b>2</b>	<b>3</b>	<b>4</b>	<b>TC</b>	<b>Tot</b>
In	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Out	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-



**UNCLASSIFIED**

<b>Exhibit P-40, Budget Item Justification Sheet:</b> PB 2014 Army								<b>Date:</b> April 2013			
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 2033A: Procurement of W&TCV, Army / BA 02: Weapons and Other Combat Vehicles / BSA 20: Mod Of Weapons And Other Combat Veh								<b>P-1 Line Item Nomenclature:</b> GZ1500 - Sniper Rifles Modifications			

<b>ID Code</b> (A=Service Ready, B=Not Service Ready) : B				<b>Program Elements for Code B Items:</b> 0604601A				<b>Other Related Program Elements:</b>			
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**MDAP/MAIS Code(s):**

Resource Summary	Prior Years	FY 2012	FY 2013 <sup>#</sup>	FY 2014 Base	FY 2014 OCO <sup>##</sup>	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total
Procurement Quantity ( <i>Units in Each</i> )	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost ( <i>\$ in Millions</i> )	20.900	1.994	14.113	7.017	-	7.017	2.018	2.019	2.053	3.986	Continuing	Continuing
Less PY Advance Procurement ( <i>\$ in Millions</i> )	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) ( <i>\$ in Millions</i> )	20.900	1.994	14.113	7.017	-	7.017	2.018	2.019	2.053	3.986	Continuing	Continuing
Plus CY Advance Procurement ( <i>\$ in Millions</i> )	-	-	-	-	-	-	-	-	-	-	-	-
<b>Total Obligation Authority</b> ( <i>\$ in Millions</i> )	<b>20.900</b>	<b>1.994</b>	<b>14.113</b>	<b>7.017</b>	<b>-</b>	<b>7.017</b>	<b>2.018</b>	<b>2.019</b>	<b>2.053</b>	<b>3.986</b>	<b>Continuing</b>	<b>Continuing</b>

*(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>Units in Thousands</i> )	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost ( <i>Units in Thousands</i> )	-	-	-	-	-	-	-	-	-	-	-	-

<sup>#</sup> FY 2013 Program is from the FY 2013 President's Budget, submitted February 2012

<sup>##</sup> The FY 2014 OCO Request will be submitted at a later date

**Description:**

Program to procure modifications or conversions of sniper weapon and system components, Advanced Sniper Accessory Kits (ASAK), M151 Spotting Scope Tactical Tripod Kit (TTK) components, combat optics, sophisticated laser range finders and fire control systems. Initial buys of items to support or meet operational needs and lighten sniper load. It includes the procurement of Rifle Scope Optics, spotting scopes, and improved capabilities to recognize and engage targets at longer ranges and lower light levels increasing hit probability. This program also provides improved ancillary equipment such as round counters, light weight barrels, fire controls, muzzles with suppressors, other components, and support costs. The current army fleet of sniper weapons, consisting of the M14 Enhanced Battle Rifle (EBR), M110 Semi-Automatic Sniper System (SASS), M24 Sniper Weapon System (SWS) and the M107 Semi-Automatic Long Range Sniper Rifle (LRSR) requires continuous upgrades to the weapon, components, and/or ancillary equipment. Ongoing planned upgrades consist of the M110 SASS to the M110 Compact SASS and the M24 to the XM2010 Enhanced Sniper Rifle (ESR). Sniper upgrades enhance sniper capability, effectiveness, and survivability by extending the sniper's influence through emerging technologies in perfecting ballistics with exacting hardware and precise calculations, reducing sniper team burden through decreased weight and enhanced ergonomics, portability, signature, faster more precise target reconnaissance, surveillance, and target acquisition (RSTA) and aiming with automated fire control systems, networked intelligence and mission information sharing. FY 2014 continues to support the M110 Compact Semi-Automatic Sniper System (CSASS) and Sniper Collimator.

Item Schedule		ID CD	Prior Years			FY 2012			FY 2013			FY 2014 Base			FY 2014 OCO			FY 2014 Total		
Item Nomenclature*	Exhibits		Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)
TBD - SNIPER RIFLES MODIFICATIONS (GZ1500)	P3A		-	-	20.900	-	-	1.994	-	-	14.113	-	-	7.017	-	-	-	-	-	7.017
<b>Total Gross/Weapon System Cost</b>					<b>20.900</b>			<b>1.994</b>			<b>14.113</b>			<b>7.017</b>			<b>-</b>			<b>7.017</b>

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<b>Exhibit P-40, Budget Item Justification Sheet:</b> PB 2014 Army																<b>Date:</b> April 2013					
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 2033A: Procurement of W&TCV, Army / BA 02: Weapons and Other Combat Vehicles / BSA 20: Mod Of Weapons And Other Combat Veh												<b>P-1 Line Item Nomenclature:</b> GZ1500 - Sniper Rifles Modifications									
<b>ID Code</b> (A=Service Ready, B=Not Service Ready) : B						<b>Program Elements for Code B Items:</b> 0604601A						<b>Other Related Program Elements:</b>									
<b>MDAP/MAIS Code(s):</b>																					
<b>Item Schedule</b>		<b>ID CD</b>	<b>FY 2015</b>			<b>FY 2016</b>			<b>FY 2017</b>			<b>FY 2018</b>			<b>To Complete</b>			<b>Total</b>			
<b>Item Nomenclature*</b>	<b>Exhibits</b>		<b>Unit Cost (\$ K )</b>	<b>Qty (Each)</b>	<b>Total Cost (\$ M )</b>	<b>Unit Cost (\$ K )</b>	<b>Qty (Each)</b>	<b>Total Cost (\$ M )</b>	<b>Unit Cost (\$ K )</b>	<b>Qty (Each)</b>	<b>Total Cost (\$ M )</b>	<b>Unit Cost (\$ K )</b>	<b>Qty (Each)</b>	<b>Total Cost (\$ M )</b>	<b>Unit Cost (\$ K )</b>	<b>Qty (Each)</b>	<b>Total Cost (\$ M )</b>	<b>Unit Cost (\$ K )</b>	<b>Qty (Each)</b>	<b>Total Cost (\$ M )</b>	
TBD - SNIPER RIFLES MODIFICATIONS (GZ1500)	P3A		-	-	2.018	-	-	2.019	-	-	2.053	-	-	3.986	Continuing			Continuing			
<b>Total Gross/Weapon System Cost</b>					<b>2.018</b>			<b>2.019</b>			<b>2.053</b>			<b>3.986</b>	<b>Continuing</b>			<b>Continuing</b>			
<small>*Item Nomenclature represents Item Number, DODIC, and Item Name for the P40A and P5; Name for the P18 and P23; Modification Number and Modification Title for the P3A; Item Number and Item Name for the P10.            Note: Totals in this Exhibit P-40 set may not be exact or add due to rounding.</small>																					
<b>Justification:</b> FY 2014 Base procurement dollars in the amount of \$7.017 million supports the Active Army through procurement of weapon conversions using engineering change proposals (ECP's), modifications or upgrades. The conversions include M110 Semi-Automatic Sniper Systems (SASS) conversion to Compact Semi-Automatic Sniper Systems (CSASS), continued support for the XM2010 Enhanced Sniper Rifle Modifications. In addition, the Sniper Collimator and other ancillary components will be procured in FY 2014. These modifications and upgrades provide a more full-spectrum and versatile suite of sniper rifles that improves ergonomics, survivability, capability, and portability without sacrificing performance, accuracy and reliability.  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.																					

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<b>Exhibit P-3A, Individual Modification:</b> PB 2014 Army									<b>Date:</b> April 2013			
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 2033A: Procurement of W&TCV, Army / BA 02: Weapons and Other Combat Vehicles / BSA 20: Mod Of Weapons And Other Combat Veh				<b>P-1 Line Item Nomenclature:</b> GZ1500 - Sniper Rifles Modifications					<b>Modification Nomenclature</b> ( <i>Modification Number - Modification Title</i> ): TBD - SNIPER RIFLES MODIFICATIONS (GZ1500)			
<b>Models of Systems Affected:</b> M14 EBR (GZ2801), M110 SASS (G01505), M107 LRSR (G01500), M24 SWS (G04200),and XM2010 ESR (GZ1500)				<b>Type Modification:</b> Increased Performance				<b>Related RDT&amp;E PEs:</b>				
<b>Resource Summary</b>	<b>Prior Years</b>	<b>FY 2012</b>	<b>FY 2013<sup>#</sup></b>	<b>FY 2014 Base</b>	<b>FY 2014 OCO<sup>##</sup></b>	<b>FY 2014 Total</b>	<b>FY 2015</b>	<b>FY 2016</b>	<b>FY 2017</b>	<b>FY 2018</b>	<b>To Complete</b>	<b>Total</b>
Procurement Quantity ( <i>Units in Each</i> )	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost (\$ <i>in Millions</i> )	20.900	1.994	14.113	7.017	-	7.017	2.018	2.019	2.053	3.986	Continuing	Continuing
Less PY Advance Procurement (\$ <i>in Millions</i> )	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (\$ <i>in Millions</i> )	20.900	1.994	14.113	7.017	-	7.017	2.018	2.019	2.053	3.986	Continuing	Continuing
Plus CY Advance Procurement (\$ <i>in Millions</i> )	-	-	-	-	-	-	-	-	-	-	-	-
<b>Total Obligation Authority (\$ <i>in Millions</i>)</b>	<b>20.900</b>	<b>1.994</b>	<b>14.113</b>	<b>7.017</b>	<b>-</b>	<b>7.017</b>	<b>2.018</b>	<b>2.019</b>	<b>2.053</b>	<b>3.986</b>	<b>Continuing</b>	<b>Continuing</b>
<i>(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)</i>												
Initial Spares (\$ <i>in Millions</i> )	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost ( <i>Units in Thousands</i> )	-	-	-	-	-	-	-	-	-	-	-	-
<sup>#</sup> FY 2013 Program is from the FY 2013 President's Budget, submitted February 2012 <sup>##</sup> The FY 2014 OCO Request will be submitted at a later date  <b>Description:</b> This funds the conversion of M24 SWS to XM2010 ESR, the M110 SASS to CSSAS, and M107 LRS system to objective improvements. Sniper Rifle Modifications (GZ1500) consolidates Army modernization initiatives to procure enhancements to sniper mission and system performance capability with greater lethality and survivability. Through acquisition of present and future system components, ancillary, and associated items of equipment for the Advanced Sniper Accessory Kit (ASAK) and the Tactical Tripod Kit (TTK) for the M151 spotting scope.												
<b>Development Status/Major Development Milestones</b>												
<b>Date</b>	<b>Title</b>					<b>Description</b>						
Feb 2012	Urgent Material Release					XM2010 Enhanced Sniper Rifle (ESR)						
Mar 2013	Milestone C / TC Standard					XM2010 Enhanced Sniper Rifle (ESR)						
Mar 2013	Milestone C ADM					M110 Compact (CSASS)						
Feb 2015	Type Classification Standard					M110 Compact (CSASS)						

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<b>Exhibit P-3A, Individual Modification:</b> PB 2014 Army								<b>Date:</b> April 2013				
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 2033A: Procurement of W&TCV, Army / BA 02: Weapons and Other Combat Vehicles / BSA 20: Mod Of Weapons And Other Combat Veh				<b>P-1 Line Item Nomenclature:</b> GZ1500 - Sniper Rifles Modifications				<b>Modification Nomenclature</b> ( <i>Modification Number - Modification Title</i> ): TBD - SNIPER RIFLES MODIFICATIONS (GZ1500)				
<b>Models of Systems Affected:</b> M14 EBR (GZ2801), M110 SASS (G01505), M107 LRSR (G01500), M24 SWS (G04200),and XM2010 ESR (GZ1500)				<b>Type Modification:</b> Increased Performance				<b>Related RDT&amp;E PEs:</b>				
Financial Plan	Prior Years	FY 2012	FY 2013	FY 2014 Base	FY 2014 OCO	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total
	Qty (Each) / Total Cost (\$ M )	Qty (Each) / Total Cost (\$ M )	Qty (Each) / Total Cost (\$ M )	Qty (Each) / Total Cost (\$ M )	Qty (Each) / Total Cost (\$ M )	Qty (Each) / Total Cost (\$ M )	Qty (Each) / Total Cost (\$ M )	Qty (Each) / Total Cost (\$ M )	Qty (Each) / Total Cost (\$ M )	Qty (Each) / Total Cost (\$ M )	Qty (Each) / Total Cost (\$ M )	Qty (Each) / Total Cost (\$ M )
<b>Procurement</b>												
M110 Compact												
B Kits												
Recurring												
M110 Compact	0 / 0.000	- / -	800 / 6.200	736 / 5.818	- / -	736 / 5.818	167 / 1.316	166 / 1.313	161 / 1.270	360 / 2.842	- / -	2,390 / 18.759
Engineering Support	0 / 0.000	- / -	- / 0.500	- / 0.599	- / -	- / 0.599	- / 0.202	- / 0.206	- / 0.283	- / 0.644	- / -	- / 2.434
<i>Subtotal Recurring</i>	0 / 0.000	- / -	800 / 6.700	736 / 6.417	- / -	736 / 6.417	167 / 1.518	166 / 1.519	161 / 1.553	360 / 3.486	- / -	2,390 / 21.193
<i>Total, M110 Compact</i>	0 / 0.000	- / -	800 / 6.700	736 / 6.417	- / -	736 / 6.417	167 / 1.518	166 / 1.519	161 / 1.553	360 / 3.486	- / -	2,390 / 21.193
M107 to M107A1 Upgrade												
B Kits												
Recurring												
M107 to M107A1 Upgrade	0 / 0.000	- / -	600 / 5.800	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	600 / 5.800
Engineering Support	0 / 0.000	- / -	- / 0.800	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 0.800
<i>Subtotal Recurring</i>	0 / 0.000	- / -	600 / 6.600	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	600 / 6.600
<i>Total, M107 to M107A1 Upgrade</i>	0 / 0.000	- / -	600 / 6.600	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	600 / 6.600
M24 SWS to XM2010 ESR												
A Kits												
Recurring												
M24 SWS to XM2010 ESR	2,270 / 20.300	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	2,270 / 20.300
Engineering Support	0 / 0.600	- / 0.100	- / 0.100	- / 0.100	- / -	- / 0.100	- / -	- / -	- / -	- / -	- / -	- / 0.900
<i>Subtotal Recurring</i>	2,270 / 20.900	- / 0.100	- / 0.100	- / 0.100	- / -	- / 0.100	- / -	- / -	- / -	- / -	- / -	2,270 / 21.200
<i>Total, M24 SWS to XM2010 ESR</i>	2,270 / 20.900	- / 0.100	- / 0.100	- / 0.100	- / -	- / 0.100	- / -	- / -	- / -	- / -	- / -	2,270 / 21.200
Sniper Upgrades and Accessories												
A Kits												
Recurring												
Sniper Upgrades and Accessories	0 / 0.000	160 / 1.600	41 / 0.419	30 / 0.300	- / -	30 / 0.300	30 / 0.300	30 / 0.300	30 / 0.300	30 / 0.300	- / -	351 / 3.519
Engineering Support (ESIP)	0 / 0.000	- / 0.294	- / 0.294	- / 0.200	- / -	- / 0.200	- / 0.200	- / 0.200	- / 0.200	- / 0.200	- / -	- / 1.588
<i>Subtotal Recurring</i>	0 / 0.000	160 / 1.894	41 / 0.713	30 / 0.500	- / -	30 / 0.500	30 / 0.500	30 / 0.500	30 / 0.500	30 / 0.500	- / -	351 / 5.107

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<b>Exhibit P-3A, Individual Modification:</b> PB 2014 Army										<b>Date:</b> April 2013		
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 2033A: Procurement of W&TCV, Army / BA 02: Weapons and Other Combat Vehicles / BSA 20: Mod Of Weapons And Other Combat Veh				<b>P-1 Line Item Nomenclature:</b> GZ1500 - Sniper Rifles Modifications						<b>Modification Nomenclature</b> ( <i>Modification Number - Modification Title</i> ): TBD - SNIPER RIFLES MODIFICATIONS (GZ1500)		
<b>Models of Systems Affected:</b> M14 EBR (GZ2801), M110 SASS (G01505), M107 LRSR (G01500), M24 SWS (G04200),and XM2010 ESR (GZ1500)				<b>Type Modification:</b> Increased Performance				<b>Related RDT&amp;E PEs:</b>				

  

Financial Plan	Prior Years	FY 2012	FY 2013	FY 2014 Base	FY 2014 OCO	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total
	Qty (Each) / Total Cost (\$ M )	Qty (Each) / Total Cost (\$ M )	Qty (Each) / Total Cost (\$ M )	Qty (Each) / Total Cost (\$ M )	Qty (Each) / Total Cost (\$ M )	Qty (Each) / Total Cost (\$ M )	Qty (Each) / Total Cost (\$ M )	Qty (Each) / Total Cost (\$ M )	Qty (Each) / Total Cost (\$ M )	Qty (Each) / Total Cost (\$ M )	Qty (Each) / Total Cost (\$ M )	Qty (Each) / Total Cost (\$ M )
<i>Total, Sniper Upgrades and Accessories</i>	0 / 0.000	160 / 1.894	41 / 0.713	30 / 0.500	- / -	30 / 0.500	30 / 0.500	30 / 0.500	30 / 0.500	30 / 0.500	- / -	351 / 5.107
<b>Total Procurement, All Modifications</b>	2,270 / 20.900	160 / 1.994	1,441 / 14.113	766 / 7.017	- / -	766 / 7.017	197 / 2.018	196 / 2.019	191 / 2.053	390 / 3.986	- / -	5,611 / 54.100
<b>Total Procurement and Support</b>	20.900	1.994	14.113	7.017	-	7.017	2.018	2.019	2.053	3.986	-	54.100
M110 Compact Installation Cost	0 / 0.000	- / -	300 / -	868 / -	- / -	868 / -	450 / -	167 / -	164 / -	261 / -	180 / -	2,390 / -
M107 to M107A1 Upgrade Installation Cost	0 / 0.000	- / -	200 / -	400 / -	- / -	400 / -	- / -	- / -	- / -	- / -	- / -	600 / -
M24 SWS to XM2010 ESR Installation Cost	0 / 0.000	300 / -	890 / -	1,080 / -	- / -	1,080 / -	- / -	- / -	- / -	- / -	- / -	2,270 / -
Sniper Upgrades and Accessories Installation Cost	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
<b>Total Installation Cost</b>	0 / 0.000	300 / -	1,390 / -	2,348 / -	- / -	2,348 / -	450 / -	167 / -	164 / -	261 / -	180 / -	5,260 / -
<b>Total Cost (Procurement + Support + Installation)</b>	20.900	1.994	14.113	7.017	-	7.017	2.018	2.019	2.053	3.986	-	54.100

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<b>Exhibit P-3A, Individual Modification:</b> PB 2014 Army										<b>Date:</b> April 2013																					
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 2033A: Procurement of W&TCV, Army / BA 02: Weapons and Other Combat Vehicles / BSA 20: Mod Of Weapons And Other Combat Veh										<b>P-1 Line Item Nomenclature:</b> GZ1500 - Sniper Rifles Modifications										<b>Modification Nomenclature</b> ( <i>Modification Number - Modification Title</i> ): TBD - SNIPER RIFLES MODIFICATIONS (GZ1500)											
<b>Models of Systems Affected:</b> M14 EBR (GZ2801), M110 SASS (G01505), M107 LRSR (G01500), M24 SWS (G04200),and XM2010 ESR (GZ1500)										<b>Type Modification:</b> Increased Performance										<b>Related RDT&amp;E PEs:</b>											
<b>Manufacturer Information: M110 Compact</b>																															
Manufacturer Name: TBD													Manufacturer Location: TBDF																		
Administrative Leadtime ( <i>in Months</i> ): 6													Production Leadtime ( <i>in Months</i> ): 4																		
<b>Dates</b>		<b>FY 2012</b>				<b>FY 2013</b>				<b>FY 2014</b>				<b>FY 2015</b>				<b>FY 2016</b>				<b>FY 2017</b>				<b>FY 2018</b>					
Contract Dates						Mar 2013				Mar 2014				Mar 2015				Mar 2016				Mar 2017				Mar 2018					
Delivery Dates						Jul 2013				Jul 2014				Jul 2015				Jul 2016				Jul 2017				Jul 2018					
<b>Installation:</b> M110 Compact										<b>Method of Implementation:</b> Installed by Contractor										<b>Installation Name:</b>											
<b>Installation Cost</b>		<b>Prior Years</b>		<b>FY 2012</b>		<b>FY 2013</b>		<b>FY 2014 Base</b>		<b>FY 2014 OCO</b>		<b>FY 2014 Total</b>		<b>FY 2015</b>		<b>FY 2016</b>		<b>FY 2017</b>		<b>FY 2018</b>		<b>To Complete</b>		<b>Total</b>							
		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)							
All Prior Years		0 / 0.000		0 / 0.000		0 / 0.000		0 / 0.000		- / -		0 / 0.000		0 / 0.000		0 / 0.000		0 / 0.000		0 / 0.000		0 / 0.000		0 / 0.000		0 / 0.000					
FY 2012		0 / 0.000		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -			
FY 2013		0 / 0.000		- / -		300 / -		500 / -		- / -		500 / -		- / -		- / -		- / -		- / -		- / -		- / -		800 / -		800 / -			
FY 2014		0 / 0.000		- / -		- / -		368 / -		- / -		368 / -		368 / -		- / -		- / -		- / -		- / -		- / -		736 / -		736 / -			
FY 2015		0 / 0.000		- / -		- / -		- / -		- / -		- / -		82 / -		85 / -		- / -		- / -		- / -		- / -		167 / -		167 / -			
FY 2016		0 / 0.000		- / -		- / -		- / -		- / -		- / -		- / -		82 / -		84 / -		84 / -		- / -		- / -		166 / -		166 / -			
FY 2017		0 / 0.000		- / -		- / -		- / -		- / -		- / -		- / -		- / -		80 / -		81 / -		81 / -		- / -		161 / -		161 / -			
FY 2018		0 / 0.000		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		180 / -		180 / -		360 / -		360 / -			
To Complete		0 / 0.000		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -			
Total		0 / 0.000		- / -		300 / -		868 / -		- / -		868 / -		450 / -		167 / -		164 / -		261 / -		180 / -		180 / -		2,390 / -		2,390 / -			
<b>Installation Schedule</b>																															
	<b>APY</b>	<b>FY 2012</b>				<b>FY 2013</b>				<b>FY 2014</b>				<b>FY 2015</b>				<b>FY 2016</b>				<b>FY 2017</b>				<b>FY 2018</b>					
		<b>1</b>	<b>2</b>	<b>3</b>	<b>4</b>	<b>1</b>	<b>2</b>	<b>3</b>	<b>4</b>	<b>1</b>	<b>2</b>	<b>3</b>	<b>4</b>	<b>1</b>	<b>2</b>	<b>3</b>	<b>4</b>	<b>1</b>	<b>2</b>	<b>3</b>	<b>4</b>	<b>1</b>	<b>2</b>	<b>3</b>	<b>4</b>	<b>1</b>	<b>2</b>	<b>3</b>	<b>4</b>	<b>TC</b>	<b>Tot</b>
In	-	-	-	-	-	-	-	300	300	200	184	184	184	184	41	41	41	44	41	41	41	43	40	40	40	41	90	90	90	90	2,390
Out	-	-	-	-	-	-	-	-	300	300	200	184	184	184	184	41	41	41	44	41	41	41	43	40	40	40	41	90	90	180	2,390

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<b>Exhibit P-3A, Individual Modification:</b> PB 2014 Army										<b>Date:</b> April 2013																					
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 2033A: Procurement of W&TCV, Army / BA 02: Weapons and Other Combat Vehicles / BSA 20: Mod Of Weapons And Other Combat Veh										<b>P-1 Line Item Nomenclature:</b> GZ1500 - Sniper Rifles Modifications										<b>Modification Nomenclature</b> ( <i>Modification Number - Modification Title</i> ): TBD - SNIPER RIFLES MODIFICATIONS (GZ1500)											
<b>Models of Systems Affected:</b> M14 EBR (GZ2801), M110 SASS (G01505), M107 LRSR (G01500), M24 SWS (G04200),and XM2010 ESR (GZ1500)										<b>Type Modification:</b> Increased Performance										<b>Related RDT&amp;E PEs:</b>											
<b>Manufacturer Information: M107 to M107A1 Upgrade</b>																															
Manufacturer Name: N/A													Manufacturer Location: N/A																		
Administrative Leadtime ( <i>in Months</i> ): 6													Production Leadtime ( <i>in Months</i> ): 4																		
<b>Dates</b>		<b>FY 2012</b>				<b>FY 2013</b>				<b>FY 2014</b>				<b>FY 2015</b>				<b>FY 2016</b>				<b>FY 2017</b>				<b>FY 2018</b>					
Contract Dates						Mar 2013																									
Delivery Dates						Jul 2013																									
<b>Installation:</b> M107 to M107A1 Upgrade													<b>Method of Implementation:</b> Installed by Contractor										<b>Installation Name:</b>								
<b>Installation Cost</b>		<b>Prior Years</b>		<b>FY 2012</b>		<b>FY 2013</b>		<b>FY 2014 Base</b>		<b>FY 2014 OCO</b>		<b>FY 2014 Total</b>		<b>FY 2015</b>		<b>FY 2016</b>		<b>FY 2017</b>		<b>FY 2018</b>		<b>To Complete</b>		<b>Total</b>							
		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)							
All Prior Years		0 / 0.000		0 / 0.000		0 / 0.000		0 / 0.000		- / -		0 / 0.000		0 / 0.000		0 / 0.000		0 / 0.000		0 / 0.000		0 / 0.000		0 / 0.000							
FY 2012		0 / 0.000		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -							
FY 2013		0 / 0.000		- / -		200 / -		400 / -		- / -		400 / -		- / -		- / -		- / -		- / -		- / -		600 / -							
FY 2014		0 / 0.000		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -							
FY 2015		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -							
FY 2016		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -							
FY 2017		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -							
FY 2018		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -							
To Complete		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -							
Total		0 / 0.000		- / -		200 / -		400 / -		- / -		400 / -		- / -		- / -		- / -		- / -		- / -		600 / -							
<b>Installation Schedule</b>																															
	<b>APY</b>	<b>FY 2012</b>				<b>FY 2013</b>				<b>FY 2014</b>				<b>FY 2015</b>				<b>FY 2016</b>				<b>FY 2017</b>				<b>FY 2018</b>					
		<b>1</b>	<b>2</b>	<b>3</b>	<b>4</b>	<b>1</b>	<b>2</b>	<b>3</b>	<b>4</b>	<b>1</b>	<b>2</b>	<b>3</b>	<b>4</b>	<b>1</b>	<b>2</b>	<b>3</b>	<b>4</b>	<b>1</b>	<b>2</b>	<b>3</b>	<b>4</b>	<b>1</b>	<b>2</b>	<b>3</b>	<b>4</b>	<b>1</b>	<b>2</b>	<b>3</b>	<b>4</b>	<b>TC</b>	<b>Tot</b>
In	-	-	-	-	-	-	-	200	200	200	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	600
Out	-	-	-	-	-	-	-	-	200	200	200	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	600

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<b>Exhibit P-3A, Individual Modification:</b> PB 2014 Army										<b>Date:</b> April 2013																					
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 2033A: Procurement of W&TCV, Army / BA 02: Weapons and Other Combat Vehicles / BSA 20: Mod Of Weapons And Other Combat Veh										<b>P-1 Line Item Nomenclature:</b> GZ1500 - Sniper Rifles Modifications										<b>Modification Nomenclature</b> ( <i>Modification Number - Modification Title</i> ): TBD - SNIPER RIFLES MODIFICATIONS (GZ1500)											
<b>Models of Systems Affected:</b> M14 EBR (GZ2801), M110 SASS (G01505), M107 LRSR (G01500), M24 SWS (G04200),and XM2010 ESR (GZ1500)										<b>Type Modification:</b> Increased Performance										<b>Related RDT&amp;E PEs:</b>											
<b>Manufacturer Information: M24 SWS to XM2010 ESR</b>																															
Manufacturer Name: Remington													Manufacturer Location: Madison, NC																		
Administrative Leadtime ( <i>in Months</i> ): 6													Production Leadtime ( <i>in Months</i> ): 4																		
<b>Dates</b>		<b>FY 2012</b>				<b>FY 2013</b>				<b>FY 2014</b>				<b>FY 2015</b>				<b>FY 2016</b>				<b>FY 2017</b>				<b>FY 2018</b>					
Contract Dates																															
Delivery Dates																															
<b>Installation:</b> M24 SWS to XM2010 ESR													<b>Method of Implementation:</b> Installed by Contractor										<b>Installation Name:</b>								
<b>Installation Cost</b>		<b>Prior Years</b>		<b>FY 2012</b>		<b>FY 2013</b>		<b>FY 2014 Base</b>		<b>FY 2014 OCO</b>		<b>FY 2014 Total</b>		<b>FY 2015</b>		<b>FY 2016</b>		<b>FY 2017</b>		<b>FY 2018</b>		<b>To Complete</b>		<b>Total</b>							
		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)							
All Prior Years		0 / 0.000		300 / 0.000		890 / 0.000		1,080 / 0.000		- / -		1,080 / 0.000		0 / 0.000		0 / 0.000		0 / 0.000		0 / 0.000		0 / 0.000		2,270 / 0.000							
FY 2012		0 / 0.000		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -							
FY 2013		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -							
FY 2014		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -							
FY 2015		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -							
FY 2016		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -							
FY 2017		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -							
FY 2018		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -							
To Complete		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -							
Total		0 / 0.000		300 / -		890 / -		1,080 / -		- / -		1,080 / -		- / -		- / -		- / -		- / -		- / -		2,270 / -							
<b>Installation Schedule</b>																															
	<b>APY</b>	<b>FY 2012</b>				<b>FY 2013</b>				<b>FY 2014</b>				<b>FY 2015</b>				<b>FY 2016</b>				<b>FY 2017</b>				<b>FY 2018</b>				<b>TC</b>	<b>Tot</b>
		<b>1</b>	<b>2</b>	<b>3</b>	<b>4</b>	<b>1</b>	<b>2</b>	<b>3</b>	<b>4</b>	<b>1</b>	<b>2</b>	<b>3</b>	<b>4</b>	<b>1</b>	<b>2</b>	<b>3</b>	<b>4</b>	<b>1</b>	<b>2</b>	<b>3</b>	<b>4</b>	<b>1</b>	<b>2</b>	<b>3</b>	<b>4</b>	<b>1</b>	<b>2</b>	<b>3</b>	<b>4</b>		
In	-	-	-	300	170	240	240	240	240	240	300	300	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Out	-	-	-	-	300	170	240	240	240	240	240	300	300	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	



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<b>Exhibit P-3A, Individual Modification:</b> PB 2014 Army										<b>Date:</b> April 2013																			
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 2033A: Procurement of W&TCV, Army / BA 02: Weapons and Other Combat Vehicles / BSA 20: Mod Of Weapons And Other Combat Veh										<b>P-1 Line Item Nomenclature:</b> GZ1500 - Sniper Rifles Modifications										<b>Modification Nomenclature</b> ( <i>Modification Number - Modification Title</i> ): TBD - SNIPER RIFLES MODIFICATIONS (GZ1500)									
<b>Models of Systems Affected:</b> M14 EBR (GZ2801), M110 SASS (G01505), M107 LRSR (G01500), M24 SWS (G04200),and XM2010 ESR (GZ1500)										<b>Type Modification:</b> Increased Performance										<b>Related RDT&amp;E PEs:</b>									
<b>Manufacturer Information: Sniper Upgrades and Accessories</b>																													
Manufacturer Name: N/A													Manufacturer Location: N/A																
Administrative Leadtime ( <i>in Months</i> ): 6													Production Leadtime ( <i>in Months</i> ): 3																
<b>Dates</b>		<b>FY 2012</b>			<b>FY 2013</b>			<b>FY 2014</b>			<b>FY 2015</b>			<b>FY 2016</b>			<b>FY 2017</b>			<b>FY 2018</b>									
Contract Dates		Mar 2012			Mar 2013			Mar 2014			Mar 2015			Mar 2016			Mar 2017			Mar 2018									
Delivery Dates		Jun 2012			Jun 2013			Jun 2014			Jun 2015			Jun 2016			Jun 2017			Jun 2018									

  

<b>Installation: Sniper Upgrades and Accessories</b>													<b>Method of Implementation:</b> Installed by Soldiers										<b>Installation Name:</b>									
<b>Installation Cost</b>	<b>Prior Years</b>	<b>FY 2012</b>	<b>FY 2013</b>	<b>FY 2014 Base</b>	<b>FY 2014 OCO</b>	<b>FY 2014 Total</b>	<b>FY 2015</b>	<b>FY 2016</b>	<b>FY 2017</b>	<b>FY 2018</b>	<b>To Complete</b>	<b>Total</b>																				
	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>																				
All Prior Years	0 / 0.000	0 / 0.000	0 / 0.000	0 / 0.000	- / -	0 / 0.000	0 / 0.000	0 / 0.000	0 / 0.000	0 / 0.000	0 / 0.000	0 / 0.000																				
FY 2012	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -																				
FY 2013	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -																				
FY 2014	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -																				
FY 2015	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -																				
FY 2016	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -																				
FY 2017	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -																				
FY 2018	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -																				
To Complete	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -																				
Total	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -																				

  

<b>Installation Schedule</b>																															
	<b>APY</b>	<b>FY 2012</b>				<b>FY 2013</b>				<b>FY 2014</b>				<b>FY 2015</b>				<b>FY 2016</b>				<b>FY 2017</b>				<b>FY 2018</b>					
		<b>1</b>	<b>2</b>	<b>3</b>	<b>4</b>	<b>1</b>	<b>2</b>	<b>3</b>	<b>4</b>	<b>1</b>	<b>2</b>	<b>3</b>	<b>4</b>	<b>1</b>	<b>2</b>	<b>3</b>	<b>4</b>	<b>1</b>	<b>2</b>	<b>3</b>	<b>4</b>	<b>1</b>	<b>2</b>	<b>3</b>	<b>4</b>	<b>1</b>	<b>2</b>	<b>3</b>	<b>4</b>	<b>TC</b>	<b>Tot</b>
In	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Out	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

# UNCLASSIFIED

**Exhibit P-40, Budget Item Justification Sheet:** PB 2014 Army **Date:** April 2013

<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 2033A: Procurement of W&TCV, Army / BA 02: Weapons and Other Combat Vehicles / BSA 20: Mod Of Weapons And Other Combat Veh	<b>P-1 Line Item Nomenclature:</b> GC0401 - M119 Modifications
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<b>ID Code</b> (A=Service Ready, B=Not Service Ready) : A	<b>Program Elements for Code B Items:</b>	<b>Other Related Program Elements:</b>
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**MDAP/MAIS Code(s):**

Resource Summary	Prior Years	FY 2012	FY 2013 <sup>#</sup>	FY 2014 Base	FY 2014 OCO <sup>##</sup>	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total
Procurement Quantity <i>(Units in Each)</i>	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost <i>(\$ in Millions)</i>	93.872	38.701	20.727	18.707	-	18.707	67.409	65.906	-	-	-	305.322
Less PY Advance Procurement <i>(\$ in Millions)</i>	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) <i>(\$ in Millions)</i>	93.872	38.701	20.727	18.707	-	18.707	67.409	65.906	-	-	-	305.322
Plus CY Advance Procurement <i>(\$ in Millions)</i>	-	-	-	-	-	-	-	-	-	-	-	-
<b>Total Obligation Authority <i>(\$ in Millions)</i></b>	<b>93.872</b>	<b>38.701</b>	<b>20.727</b>	<b>18.707</b>	<b>-</b>	<b>18.707</b>	<b>67.409</b>	<b>65.906</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>305.322</b>

*(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>(Units in Thousands)</i>	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost <i>(Units in Thousands)</i>	-	-	-	-	-	-	-	-	-	-	-	-

<sup>#</sup> FY 2013 Program is from the FY 2013 President's Budget, submitted February 2012

<sup>##</sup> The FY 2014 OCO Request will be submitted at a later date

## Description:

The M119A2 Towed Howitzer provides direct fire support for the Infantry Brigade Combat Teams. Funding in the M119 Modifications budget supports the application of modernization system enhancements and includes the integration of digital fire control components previously type classified on other weapons. The Digital Fire Control System includes an Inertial Navigation Unit (INU), Fire Control Computer, Gunner's Display, Power Supply, and the associated cables and brackets to mount the system on the M119A2 Howitzer. The digitized M119A2 Howitzer will be able to fire any future-developed precision fuzes, which will enhance the accuracy of conventional 105mm ammunition.

Secondary Distribution		FY 2012	FY 2013	FY 2014 Base	FY 2014 OCO	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018
Army	Quantity	-	-	-	-	-	-	-	-	-
	Total Obligation Authority	24.755	12.436	11.224	-	11.224	40.445	39.544	-	-
ANG	Quantity	-	-	-	-	-	-	-	-	-
	Total Obligation Authority	13.946	8.291	7.483	-	7.483	26.964	26.362	-	-

Item Schedule		ID CD	Prior Years			FY 2012			FY 2013			FY 2014 Base			FY 2014 OCO			FY 2014 Total		
Item Nomenclature*	Exhibits		Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)
- - M119 Modifications	P3A		-	-	93.872	-	-	38.701	-	-	20.727	-	-	18.707	-	-	-	-	-	18.707

**UNCLASSIFIED**

<b>Exhibit P-40, Budget Item Justification Sheet:</b> PB 2014 Army																<b>Date:</b> April 2013					
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 2033A: Procurement of W&TCV, Army / BA 02: Weapons and Other Combat Vehicles / BSA 20: Mod Of Weapons And Other Combat Veh												<b>P-1 Line Item Nomenclature:</b> GC0401 - M119 Modifications									
<b>ID Code</b> (A=Service Ready, B=Not Service Ready) : A						<b>Program Elements for Code B Items:</b>						<b>Other Related Program Elements:</b>									
<b>MDAP/MAIS Code(s):</b>																					
<b>Item Schedule</b>			<b>Prior Years</b>			<b>FY 2012</b>			<b>FY 2013</b>			<b>FY 2014 Base</b>			<b>FY 2014 OCO</b>			<b>FY 2014 Total</b>			
<b>Item Nomenclature*</b>	<b>Exhibits</b>	<b>ID CD</b>	<b>Unit Cost (\$ K)</b>	<b>Qty (Each)</b>	<b>Total Cost (\$ M)</b>	<b>Unit Cost (\$ K)</b>	<b>Qty (Each)</b>	<b>Total Cost (\$ M)</b>	<b>Unit Cost (\$ K)</b>	<b>Qty (Each)</b>	<b>Total Cost (\$ M)</b>	<b>Unit Cost (\$ K)</b>	<b>Qty (Each)</b>	<b>Total Cost (\$ M)</b>	<b>Unit Cost (\$ K)</b>	<b>Qty (Each)</b>	<b>Total Cost (\$ M)</b>	<b>Unit Cost (\$ K)</b>	<b>Qty (Each)</b>	<b>Total Cost (\$ M)</b>	
<b>Total Gross/Weapon System Cost</b>					93.872			38.701			20.727			18.707			-			18.707	
<b>Item Schedule</b>			<b>FY 2015</b>			<b>FY 2016</b>			<b>FY 2017</b>			<b>FY 2018</b>			<b>To Complete</b>			<b>Total</b>			
<b>Item Nomenclature*</b>	<b>Exhibits</b>	<b>ID CD</b>	<b>Unit Cost (\$ K)</b>	<b>Qty (Each)</b>	<b>Total Cost (\$ M)</b>	<b>Unit Cost (\$ K)</b>	<b>Qty (Each)</b>	<b>Total Cost (\$ M)</b>	<b>Unit Cost (\$ K)</b>	<b>Qty (Each)</b>	<b>Total Cost (\$ M)</b>	<b>Unit Cost (\$ K)</b>	<b>Qty (Each)</b>	<b>Total Cost (\$ M)</b>	<b>Unit Cost (\$ K)</b>	<b>Qty (Each)</b>	<b>Total Cost (\$ M)</b>	<b>Unit Cost (\$ K)</b>	<b>Qty (Each)</b>	<b>Total Cost (\$ M)</b>	
-- M119 Modifications	P3A		-	-	67.409	-	-	65.906	-	-	-	-	-	-	-	-	-	-	-	305.322	
<b>Total Gross/Weapon System Cost</b>					67.409			65.906			-			-			-			305.322	
*Item Nomenclature represents Item Number, DODIC, and Item Name for the P40A and P5; Name for the P18 and P23; Modification Number and Modification Title for the P3A; Item Number and Item Name for the P10.																					
Note: Totals in this Exhibit P-40 set may not be exact or add due to rounding.																					
<b>Justification:</b> FY 2014 Base procurement dollars in the amount of \$18.707 million supports the procurement of 38 Digital Fire Control Systems. The Digital Fire Control System will enhance 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. In total, this modification will be applied to 603 M119A2 Howitzers.  IAW Section 1815 of the FY 2008 NDAA 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.																					

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<b>Exhibit P-3A, Individual Modification:</b> PB 2014 Army								<b>Date:</b> April 2013				
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 2033A: Procurement of W&TCV, Army / BA 02: Weapons and Other Combat Vehicles / BSA 20: Mod Of Weapons And Other Combat Veh				<b>P-1 Line Item Nomenclature:</b> GC0401 - M119 Modifications				<b>Modification Nomenclature</b> (Modification Number - Modification Title): - - M119 Modifications				
<b>Models of Systems Affected:</b> M119A2 Howitzer			<b>Type Modification:</b> -					<b>Related RDT&amp;E PEs:</b>				
<b>Resource Summary</b>	<b>Prior Years</b>	<b>FY 2012</b>	<b>FY 2013<sup>#</sup></b>	<b>FY 2014 Base</b>	<b>FY 2014 OCO<sup>##</sup></b>	<b>FY 2014 Total</b>	<b>FY 2015</b>	<b>FY 2016</b>	<b>FY 2017</b>	<b>FY 2018</b>	<b>To Complete</b>	<b>Total</b>
Procurement Quantity (Units in Each)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost (\$ in Millions)	93.872	38.701	20.727	18.707	-	18.707	67.409	65.906	-	-	-	305.322
Less PY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (\$ in Millions)	93.872	38.701	20.727	18.707	-	18.707	67.409	65.906	-	-	-	305.322
Plus CY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
<b>Total Obligation Authority (\$ in Millions)</b>	<b>93.872</b>	<b>38.701</b>	<b>20.727</b>	<b>18.707</b>	<b>-</b>	<b>18.707</b>	<b>67.409</b>	<b>65.906</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>305.322</b>
<i>(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)</i>												
Initial Spares (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost (Units in Thousands)	-	-	-	-	-	-	-	-	-	-	-	-
<p><sup>#</sup> FY 2013 Program is from the FY 2013 President's Budget, submitted February 2012</p> <p><sup>##</sup> The FY 2014 OCO Request will be submitted at a later date</p> <p><b>Description:</b>  Modifications to M119A2 Howitzer.  Recoil Capability Package is for a new recoil system which will enhance the survivability of the M119. The recoil system upgrade will consist of the recoil buffer, recuperator, and suspension modification.  The digital fire control modification includes an Inertial Navigation Unit (INU), Gunner Display, Chief of Section Display, power supply, and the associated cable and brackets to mount it on the M119A2 Howitzer.  The Digitization modification increases weapon responsiveness/lethality and survivability.</p>												

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Exhibit P-3A, Individual Modification: PB 2014 Army								Date: April 2013				
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 Nomenclature: GC0401 - M119 Modifications					Modification Nomenclature (Modification Number - Modification Title): - - M119 Modifications				
Models of Systems Affected: M119A2 Howitzer			Type Modification: -					Related RDT&E PEs:				
Financial Plan	Prior Years	FY 2012	FY 2013	FY 2014 Base	FY 2014 OCO	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)
Procurement												
M119 Modifications												
A Kits												
Recurring												
M119 Modifications	565 / 21.246	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	565 / 21.246
Subtotal Recurring	565 / 21.246	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	565 / 21.246
Total, M119 Modifications	565 / 21.246	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	565 / 21.246
Recoil Capability Package												
A Kits												
Recurring												
Recoil System Upgrade	0 / 0.000	- / -	- / -	- / -	- / -	- / -	348 / 31.358	255 / 22.653	- / -	- / -	- / -	603 / 54.011
Subtotal Recurring	0 / 0.000	- / -	- / -	- / -	- / -	- / -	348 / 31.358	255 / 22.653	- / -	- / -	- / -	603 / 54.011
Total, Recoil Capability Package	0 / 0.000	- / -	- / -	- / -	- / -	- / -	348 / 31.358	255 / 22.653	- / -	- / -	- / -	603 / 54.011
Digitization												
A Kits												
Recurring												
Integration Prod/Init Spares	200 / 63.882	150 / 36.381	43 / 12.365	38 / 10.323	- / -	38 / 10.323	81 / 21.774	91 / 27.306	- / -	- / -	- / -	603 / 172.031
Logistics & Fielding	0 / 3.644	- / 1.220	- / 1.300	- / 1.300	- / -	- / 1.300	- / 5.377	- / 6.947	- / -	- / -	- / -	- / 19.788
Program Management	0 / 5.100	- / 1.100	- / 1.602	- / 1.603	- / -	- / 1.603	- / 1.604	- / 1.605	- / -	- / -	- / -	- / 12.614
System Engineering	0 / 0.000	- / -	- / 3.360	- / 3.381	- / -	- / 3.381	- / 4.496	- / 5.095	- / -	- / -	- / -	- / 16.332
Engineering Change Orders (ECO)	0 / 0.000	- / -	- / 2.100	- / 2.100	- / -	- / 2.100	- / 2.800	- / 2.300	- / -	- / -	- / -	- / 9.300
Subtotal Recurring	200 / 72.626	150 / 38.701	43 / 20.727	38 / 18.707	- / -	38 / 18.707	81 / 36.051	91 / 43.253	- / -	- / -	- / -	603 / 230.065
Total, Digitization	200 / 72.626	150 / 38.701	43 / 20.727	38 / 18.707	- / -	38 / 18.707	81 / 36.051	91 / 43.253	- / -	- / -	- / -	603 / 230.065
Total Procurement, All Modifications	765 / 93.872	150 / 38.701	43 / 20.727	38 / 18.707	- / -	38 / 18.707	429 / 67.409	346 / 65.906	- / -	- / -	- / -	1,771 / 305.322
Total Procurement and Support	93.872	38.701	20.727	18.707	-	18.707	67.409	65.906	-	-	-	305.322
M119 Modifications Installation Cost	565 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	565 / -
Recoil Capability Package Installation Cost	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
Digitization Installation Cost	0 / 0.000	- / -	96 / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	96 / -
Total Installation Cost	565 / 0.000	- / -	96 / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	661 / -
Total Cost (Procurement + Support + Installation)	93.872	38.701	20.727	18.707	-	18.707	67.409	65.906	-	-	-	305.322

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<b>Exhibit P-3A, Individual Modification:</b> PB 2014 Army										<b>Date:</b> April 2013																					
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 2033A: Procurement of W&TCV, Army / BA 02: Weapons and Other Combat Vehicles / BSA 20: Mod Of Weapons And Other Combat Veh										<b>P-1 Line Item Nomenclature:</b> GC0401 - M119 Modifications										<b>Modification Nomenclature</b> ( <i>Modification Number - Modification Title</i> ): -- M119 Modifications											
<b>Models of Systems Affected:</b> M119A2 Howitzer										<b>Type Modification:</b> -										<b>Related RDT&amp;E PEs:</b>											
<b>Manufacturer Information: M119 Modifications</b>																															
Manufacturer Name: Seiler Instrument & Manufacturing Company, Inc.													Manufacturer Location: St. Louis, MO																		
Administrative Leadtime ( <i>in Months</i> ): 7													Production Leadtime ( <i>in Months</i> ): 3																		
<b>Dates</b>		<b>FY 2012</b>				<b>FY 2013</b>				<b>FY 2014</b>				<b>FY 2015</b>				<b>FY 2016</b>				<b>FY 2017</b>				<b>FY 2018</b>					
Contract Dates		Jun 2010																													
Delivery Dates		Oct 2011																													
<b>Installation:</b> M119 Modifications													<b>Method of Implementation:</b> -										<b>Installation Name:</b>								
<b>Installation Cost</b>		<b>Prior Years</b>		<b>FY 2012</b>		<b>FY 2013</b>		<b>FY 2014 Base</b>		<b>FY 2014 OCO</b>		<b>FY 2014 Total</b>		<b>FY 2015</b>		<b>FY 2016</b>		<b>FY 2017</b>		<b>FY 2018</b>		<b>To Complete</b>		<b>Total</b>							
		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)							
All Prior Years		565 / 0.000		0 / 0.000		0 / 0.000		0 / 0.000		- / -		0 / 0.000		0 / 0.000		0 / 0.000		0 / 0.000		0 / 0.000		0 / 0.000		565 / 0.000							
FY 2012		0 / 0.000		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -							
FY 2013		0 / 0.000		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -							
FY 2014		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -							
FY 2015		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -							
FY 2016		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -							
FY 2017		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -							
FY 2018		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -							
To Complete		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -							
Total		565 / 0.000		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		565 / -							
<b>Installation Schedule</b>																															
	<b>APY</b>	<b>FY 2012</b>				<b>FY 2013</b>				<b>FY 2014</b>				<b>FY 2015</b>				<b>FY 2016</b>				<b>FY 2017</b>				<b>FY 2018</b>				<b>TC</b>	<b>Tot</b>
		<b>1</b>	<b>2</b>	<b>3</b>	<b>4</b>	<b>1</b>	<b>2</b>	<b>3</b>	<b>4</b>	<b>1</b>	<b>2</b>	<b>3</b>	<b>4</b>	<b>1</b>	<b>2</b>	<b>3</b>	<b>4</b>	<b>1</b>	<b>2</b>	<b>3</b>	<b>4</b>	<b>1</b>	<b>2</b>	<b>3</b>	<b>4</b>	<b>1</b>	<b>2</b>	<b>3</b>	<b>4</b>		
In	565	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	565
Out	565	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	565

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<b>Exhibit P-3A, Individual Modification:</b> PB 2014 Army										<b>Date:</b> April 2013																					
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 2033A: Procurement of W&TCV, Army / BA 02: Weapons and Other Combat Vehicles / BSA 20: Mod Of Weapons And Other Combat Veh										<b>P-1 Line Item Nomenclature:</b> GC0401 - M119 Modifications										<b>Modification Nomenclature</b> ( <i>Modification Number - Modification Title</i> ): -- M119 Modifications											
<b>Models of Systems Affected:</b> M119A2 Howitzer										<b>Type Modification:</b> -										<b>Related RDT&amp;E PEs:</b>											
<b>Manufacturer Information: Recoil Capability Package</b>																															
Manufacturer Name: Various														Manufacturer Location: Various																	
Administrative Leadtime ( <i>in Months</i> ):														Production Leadtime ( <i>in Months</i> ):																	
<b>Dates</b>		<b>FY 2012</b>				<b>FY 2013</b>				<b>FY 2014</b>				<b>FY 2015</b>				<b>FY 2016</b>				<b>FY 2017</b>				<b>FY 2018</b>					
Contract Dates																															
Delivery Dates																															
<b>Installation:</b> Recoil Capability Package										<b>Method of Implementation:</b> Organic Feild Installation										<b>Installation Name:</b>											
<b>Installation Cost</b>		<b>Prior Years</b>		<b>FY 2012</b>		<b>FY 2013</b>		<b>FY 2014 Base</b>		<b>FY 2014 OCO</b>		<b>FY 2014 Total</b>		<b>FY 2015</b>		<b>FY 2016</b>		<b>FY 2017</b>		<b>FY 2018</b>		<b>To Complete</b>		<b>Total</b>							
		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)							
All Prior Years		0 / 0.000		0 / 0.000		0 / 0.000		0 / 0.000		- / -		0 / 0.000		0 / 0.000		0 / 0.000		0 / 0.000		0 / 0.000		0 / 0.000		0 / 0.000							
FY 2012		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -							
FY 2013		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -							
FY 2014		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -							
FY 2015		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -							
FY 2016		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -							
FY 2017		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -							
FY 2018		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -							
To Complete		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -							
Total		0 / 0.000		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -							
<b>Installation Schedule</b>																															
	<b>APY</b>	<b>FY 2012</b>				<b>FY 2013</b>				<b>FY 2014</b>				<b>FY 2015</b>				<b>FY 2016</b>				<b>FY 2017</b>				<b>FY 2018</b>				<b>TC</b>	<b>Tot</b>
		<b>1</b>	<b>2</b>	<b>3</b>	<b>4</b>	<b>1</b>	<b>2</b>	<b>3</b>	<b>4</b>	<b>1</b>	<b>2</b>	<b>3</b>	<b>4</b>	<b>1</b>	<b>2</b>	<b>3</b>	<b>4</b>	<b>1</b>	<b>2</b>	<b>3</b>	<b>4</b>	<b>1</b>	<b>2</b>	<b>3</b>	<b>4</b>	<b>1</b>	<b>2</b>	<b>3</b>	<b>4</b>		
In	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Out	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

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<b>Exhibit P-3A, Individual Modification:</b> PB 2014 Army										<b>Date:</b> April 2013																					
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 2033A: Procurement of W&TCV, Army / BA 02: Weapons and Other Combat Vehicles / BSA 20: Mod Of Weapons And Other Combat Veh										<b>P-1 Line Item Nomenclature:</b> GC0401 - M119 Modifications										<b>Modification Nomenclature</b> ( <i>Modification Number - Modification Title</i> ): -- M119 Modifications											
<b>Models of Systems Affected:</b> M119A2 Howitzer										<b>Type Modification:</b> -										<b>Related RDT&amp;E PEs:</b>											
<b>Manufacturer Information: Digitization</b>																															
Manufacturer Name: Various														Manufacturer Location: Various																	
Administrative Leadtime ( <i>in Months</i> ):														Production Leadtime ( <i>in Months</i> ):																	
<b>Dates</b>		<b>FY 2012</b>				<b>FY 2013</b>				<b>FY 2014</b>				<b>FY 2015</b>				<b>FY 2016</b>				<b>FY 2017</b>				<b>FY 2018</b>					
Contract Dates																															
Delivery Dates																															
<b>Installation:</b> Digitization										<b>Method of Implementation:</b> Organic Feild Installation										<b>Installation Name:</b>											
<b>Installation Cost</b>		<b>Prior Years</b>		<b>FY 2012</b>		<b>FY 2013</b>		<b>FY 2014 Base</b>		<b>FY 2014 OCO</b>		<b>FY 2014 Total</b>		<b>FY 2015</b>		<b>FY 2016</b>		<b>FY 2017</b>		<b>FY 2018</b>		<b>To Complete</b>		<b>Total</b>							
		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)							
All Prior Years		0 / 0.000		0 / 0.000		96 / 0.000		0 / 0.000		- / -		0 / 0.000		0 / 0.000		0 / 0.000		0 / 0.000		0 / 0.000		0 / 0.000		96 / 0.000							
FY 2012		0 / 0.000		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -							
FY 2013		0 / 0.000		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -							
FY 2014		0 / 0.000		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -							
FY 2015		0 / 0.000		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -							
FY 2016		0 / 0.000		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -							
FY 2017		0 / 0.000		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -							
FY 2018		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -							
To Complete		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -							
Total		0 / 0.000		- / -		96 / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		96 / -							
<b>Installation Schedule</b>																															
	<b>APY</b>	<b>FY 2012</b>				<b>FY 2013</b>				<b>FY 2014</b>				<b>FY 2015</b>				<b>FY 2016</b>				<b>FY 2017</b>				<b>FY 2018</b>				<b>TC</b>	<b>Tot</b>
		<b>1</b>	<b>2</b>	<b>3</b>	<b>4</b>	<b>1</b>	<b>2</b>	<b>3</b>	<b>4</b>	<b>1</b>	<b>2</b>	<b>3</b>	<b>4</b>	<b>1</b>	<b>2</b>	<b>3</b>	<b>4</b>	<b>1</b>	<b>2</b>	<b>3</b>	<b>4</b>	<b>1</b>	<b>2</b>	<b>3</b>	<b>4</b>	<b>1</b>	<b>2</b>	<b>3</b>	<b>4</b>		
In	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Out	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-



## UNCLASSIFIED

<b>Exhibit P-40, Budget Item Justification Sheet:</b> PB 2014 Army	<b>Date:</b> April 2013
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**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 Nomenclature:**

GZ2800 - M16 Rifle Mods

**ID Code** (A=Service Ready, B=Not Service Ready) : B

**Program Elements for Code B Items:** 0604601A

**Other Related Program Elements:**

**MDAP/MAIS Code(s):**

Resource Summary	Prior Years	FY 2012	FY 2013 <sup>#</sup>	FY 2014 Base	FY 2014 OCO <sup>##</sup>	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total
Procurement Quantity <i>(Units in Each)</i>	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost <i>(\$ in Millions)</i>	18.032	3.476	18.728	2.136	-	2.136	3.974	3.798	3.394	3.500	Continuing	Continuing
Less PY Advance Procurement <i>(\$ in Millions)</i>	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) <i>(\$ in Millions)</i>	18.032	3.476	18.728	2.136	-	2.136	3.974	3.798	3.394	3.500	Continuing	Continuing
Plus CY Advance Procurement <i>(\$ in Millions)</i>	-	-	-	-	-	-	-	-	-	-	-	-
<b>Total Obligation Authority <i>(\$ in Millions)</i></b>	<b>18.032</b>	<b>3.476</b>	<b>18.728</b>	<b>2.136</b>	<b>-</b>	<b>2.136</b>	<b>3.974</b>	<b>3.798</b>	<b>3.394</b>	<b>3.500</b>	<b>Continuing</b>	<b>Continuing</b>

*(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>(Units in Thousands)</i>	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost <i>(Units in Thousands)</i>	-	-	-	-	-	-	-	-	-	-	-	-

<sup>#</sup> FY 2013 Program is from the FY 2013 President's Budget, submitted February 2012

<sup>##</sup> The FY 2014 OCO Request will be submitted at a later date

**Description:**

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

Secondary Distribution		FY 2012	FY 2013	FY 2014 Base	FY 2014 OCO	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018
AR	Quantity	-	-	-	-	-	-	-	-	-
	Total Obligation Authority	0.100	-	-	-	-	-	-	-	-

Item Schedule			Prior Years			FY 2012			FY 2013			FY 2014 Base			FY 2014 OCO			FY 2014 Total		
Item Nomenclature*	Exhibits	ID CD	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)
TBD - M16 RIFLE MODS	P3A		-	-	18.032	-	-	3.476	-	-	18.728	-	-	2.136	-	-	-	-	-	2.136
Total Gross/Weapon System Cost					18.032			3.476			18.728			2.136			-			2.136

# UNCLASSIFIED

<b>Exhibit P-40, Budget Item Justification Sheet:</b> PB 2014 Army																<b>Date:</b> April 2013					
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 2033A: Procurement of W&TCV, Army / BA 02: Weapons and Other Combat Vehicles / BSA 20: Mod Of Weapons And Other Combat Veh												<b>P-1 Line Item Nomenclature:</b> GZ2800 - M16 Rifle Mods									
<b>ID Code</b> (A=Service Ready, B=Not Service Ready) : B						<b>Program Elements for Code B Items:</b> 0604601A						<b>Other Related Program Elements:</b>									
<b>MDAP/MAIS Code(s):</b>																					
<b>Item Schedule</b>		<b>ID CD</b>	<b>FY 2015</b>			<b>FY 2016</b>			<b>FY 2017</b>			<b>FY 2018</b>			<b>To Complete</b>			<b>Total</b>			
<b>Item Nomenclature*</b>	<b>Exhibits</b>		<b>Unit Cost (\$ K )</b>	<b>Qty (Each)</b>	<b>Total Cost (\$ M )</b>	<b>Unit Cost (\$ K )</b>	<b>Qty (Each)</b>	<b>Total Cost (\$ M )</b>	<b>Unit Cost (\$ K )</b>	<b>Qty (Each)</b>	<b>Total Cost (\$ M )</b>	<b>Unit Cost (\$ K )</b>	<b>Qty (Each)</b>	<b>Total Cost (\$ M )</b>	<b>Unit Cost (\$ K )</b>	<b>Qty (Each)</b>	<b>Total Cost (\$ M )</b>	<b>Unit Cost (\$ K )</b>	<b>Qty (Each)</b>	<b>Total Cost (\$ M )</b>	
TBD - M16 RIFLE MODS	P3A		-	-	3.974	-	-	3.798	-	-	3.394	-	-	3.500	Continuing			Continuing			
<b>Total Gross/Weapon System Cost</b>					<b>3.974</b>			<b>3.798</b>			<b>3.394</b>			<b>3.500</b>	<b>Continuing</b>			<b>Continuing</b>			
<p>*Item Nomenclature represents Item Number, DODIC, and Item Name for the P40A and P5; Name for the P18 and P23; Modification Number and Modification Title for the P3A; Item Number and Item Name for the P10.</p> <p>Note: Totals in this Exhibit P-40 set may not be exact or add due to rounding.</p>																					
<p><b>Justification:</b>  FY 2014 Base procurement dollars in the amount of \$2.136 million supports the Active Army in purchasing Close Quarters Battle Kits and collapsible buttstocks. The Close Quarters Battle Kit provides the Soldier with multiple low cost items to increase lethality and survivability with the M4/M4A1 carbine and/or M16A4 rifle. The collapsible buttstock provides combat and training units a shorter rifle for close quarter battle and vehicle egress; better eye relief and access to weapon controls for shorter reach Soldiers wearing body armor; and allows return of M16 to normal length.</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>																					

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Exhibit P-3A, Individual Modification: PB 2014 Army									Date: April 2013			
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 Nomenclature: GZ2800 - M16 Rifle Mods						Modification Nomenclature (Modification Number - Modification Title): TBD - M16 RIFLE MODS			
Models of Systems Affected: M16 RIFLE			Type Modification: Increased Performance					Related RDT&E PEs:				
Resource Summary	Prior Years	FY 2012	FY 2013 <sup>#</sup>	FY 2014 Base	FY 2014 OCO <sup>##</sup>	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total
Procurement Quantity (Units in Each)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost (\$ in Millions)	18.032	3.476	18.728	2.136	-	2.136	3.974	3.798	3.394	3.500	Continuing	Continuing
Less PY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (\$ in Millions)	18.032	3.476	18.728	2.136	-	2.136	3.974	3.798	3.394	3.500	Continuing	Continuing
Plus CY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (\$ in Millions)	18.032	3.476	18.728	2.136	-	2.136	3.974	3.798	3.394	3.500	Continuing	Continuing
(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)												
Initial Spares (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost (Units in Thousands)	-	-	-	-	-	-	-	-	-	-	-	-
# FY 2013 Program is from the FY 2013 President's Budget, submitted February 2012												
## The FY 2014 OCO Request will be submitted at a later date												
Description: The M16 Rifle Modifications Program provides combat optics, Close Quarters Battle (CQB) Kit, collapsible buttstock, and a Modular Weapon System (MWS) suite for the M16A2 and the M16A4 Rifles. The MWS includes a rail system, a flashlight mount, a quick attach bracket kit for the M203 Grenade Launcher, and back-up iron sight for the M16A4 Rifle. Based on mission requirements the MWS allows the custom configuration of M16 Rifles with accessories and smaller items, i.e., optics, night sights, and laser pointers.												

**UNCLASSIFIED**

Exhibit P-3A, Individual Modification: PB 2014 Army									Date: April 2013				
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 Nomenclature: GZ2800 - M16 Rifle Mods					Modification Nomenclature (Modification Number - Modification Title): TBD - M16 RIFLE MODS				
Models of Systems Affected: M16 RIFLE			Type Modification: Increased Performance					Related RDT&E PEs:					
Financial Plan	Prior Years	FY 2012	FY 2013	FY 2014 Base	FY 2014 OCO	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total	
	Qty (Each) / Total Cost (\$ M )	Qty (Each) / Total Cost (\$ M )	Qty (Each) / Total Cost (\$ M )	Qty (Each) / Total Cost (\$ M )	Qty (Each) / Total Cost (\$ M )	Qty (Each) / Total Cost (\$ M )	Qty (Each) / Total Cost (\$ M )	Qty (Each) / Total Cost (\$ M )	Qty (Each) / Total Cost (\$ M )	Qty (Each) / Total Cost (\$ M )	Qty (Each) / Total Cost (\$ M )	Qty (Each) / Total Cost (\$ M )	
Procurement													
Combat Optics													
B Kits													
Recurring													
Combat Optics	16,747 / 11.400	2,037 / 1.800	2,073 / 1.800	- / -	- / -	- / -	- / -	1,897 / 1.800	1,842 / 1.796	1,491 / 1.500	- / -	26,087 / 20.096	
Engineering Support	0 / 0.885	- / 0.100	- / 0.100	- / -	- / -	- / -	- / -	- / 0.050	- / 0.100	- / 0.100	- / -	- / 1.335	
Integrated Logistical Support (ILS)	0 / 0.400	- / 0.050	- / 0.050	- / -	- / -	- / -	- / -	- / 0.050	- / 0.050	- / 0.050	- / -	- / 0.650	
Total Package Fielding (TPF)	0 / 0.400	- / 0.050	- / 0.050	- / -	- / -	- / -	- / -	- / 0.050	- / 0.050	- / 0.050	- / -	- / 0.650	
New Equipment Training (NET)	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / 0.050	- / 0.050	- / 0.050	- / -	- / 0.150	
Subtotal Recurring	16,747 / 13.085	2,037 / 2.000	2,073 / 2.000	- / -	- / -	- / -	- / -	1,897 / 2.000	1,842 / 2.046	1,491 / 1.750	- / -	26,087 / 22.881	
Total, Combat Optics	16,747 / 13.085	2,037 / 2.000	2,073 / 2.000	- / -	- / -	- / -	- / -	1,897 / 2.000	1,842 / 2.046	1,491 / 1.750	- / -	26,087 / 22.881	
Close Quarters Battle Kit													
B Kits													
Recurring													
Close Quarters Battle Kit	87,338 / 3.673	2,684 / 0.776	51,355 / 16.428	4,401 / 1.536	- / -	4,401 / 1.536	9,372 / 3.374	3,050 / 1.098	3,008 / 1.148	3,721 / 1.470	- / -	164,929 / 29.503	
Engineering Support	0 / 0.990	- / 0.050	- / 0.250	- / 0.250	- / -	- / 0.250	- / 0.250	- / 0.250	- / 0.150	- / 0.200	- / -	- / 2.390	
Integrated Logistic Support	0 / 0.144	- / 0.020	- / 0.020	- / 0.020	- / -	- / 0.020	- / 0.020	- / 0.020	- / 0.020	- / 0.030	- / -	- / 0.294	
Fielding	0 / 0.140	- / 0.030	- / 0.030	- / 0.030	- / -	- / 0.030	- / 0.030	- / 0.030	- / 0.030	- / 0.050	- / -	- / 0.370	
Subtotal Recurring	87,338 / 4.947	2,684 / 0.876	51,355 / 16.728	4,401 / 1.836	- / -	4,401 / 1.836	9,372 / 3.674	3,050 / 1.398	3,008 / 1.348	3,721 / 1.750	- / -	164,929 / 32.557	
Total, Close Quarters Battle Kit	87,338 / 4.947	2,684 / 0.876	51,355 / 16.728	4,401 / 1.836	- / -	4,401 / 1.836	9,372 / 3.674	3,050 / 1.398	3,008 / 1.348	3,721 / 1.750	- / -	164,929 / 32.557	
Collapsible Buttstock													
B Kits													
Recurring													
Collapsible Buttstock	0 / 0.000	2,000 / 0.400	- / -	1,000 / 0.200	- / -	1,000 / 0.200	1,000 / 0.200	1,000 / 0.300	- / -	- / -	- / -	5,000 / 1.100	
Engineering Support	0 / 0.000	- / 0.200	- / -	- / 0.100	- / -	- / 0.100	- / 0.100	- / 0.100	- / -	- / -	- / -	- / 0.500	
Subtotal Recurring	0 / 0.000	2,000 / 0.600	- / -	1,000 / 0.300	- / -	1,000 / 0.300	1,000 / 0.300	1,000 / 0.400	- / -	- / -	- / -	5,000 / 1.600	
Total, Collapsible Buttstock	0 / 0.000	2,000 / 0.600	- / -	1,000 / 0.300	- / -	1,000 / 0.300	1,000 / 0.300	1,000 / 0.400	- / -	- / -	- / -	5,000 / 1.600	
Total Procurement, All Modifications	104,085 / 18.032	6,721 / 3.476	53,428 / 18.728	5,401 / 2.136	- / -	5,401 / 2.136	10,372 / 3.974	5,947 / 3.798	4,850 / 3.394	5,212 / 3.500	- / -	196,016 / 57.038	
Total Procurement and Support	18.032	3.476	18.728	2.136	-	2.136	3.974	3.798	3.394	3.500	-	57.038	

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<b>Exhibit P-3A, Individual Modification:</b> PB 2014 Army							<b>Date:</b> April 2013					
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 2033A: Procurement of W&TCV, Army / BA 02: Weapons and Other Combat Vehicles / BSA 20: Mod Of Weapons And Other Combat Veh				<b>P-1 Line Item Nomenclature:</b> GZ2800 - M16 Rifle Mods				<b>Modification Nomenclature</b> ( <i>Modification Number - Modification Title</i> ): TBD - M16 RIFLE MODS				

<b>Models of Systems Affected:</b> M16 RIFLE				<b>Type Modification:</b> Increased Performance				<b>Related RDT&amp;E PEs:</b>				
<b>Financial Plan</b>	<b>Prior Years</b>	<b>FY 2012</b>	<b>FY 2013</b>	<b>FY 2014 Base</b>	<b>FY 2014 OCO</b>	<b>FY 2014 Total</b>	<b>FY 2015</b>	<b>FY 2016</b>	<b>FY 2017</b>	<b>FY 2018</b>	<b>To Complete</b>	<b>Total</b>
	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>
Combat Optics Installation Cost	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
Close Quarters Battle Kit Installation Cost	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
Collapsible Buttstock Installation Cost	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
<i>Total Installation Cost</i>	<i>0 / 0.000</i>	<i>- / -</i>	<i>- / -</i>	<i>- / -</i>	<i>- / -</i>	<i>- / -</i>	<i>- / -</i>	<i>- / -</i>	<i>- / -</i>	<i>- / -</i>	<i>- / -</i>	<i>- / -</i>
<b>Total Cost (Procurement + Support + Installation)</b>	<b>18.032</b>	<b>3.476</b>	<b>18.728</b>	<b>2.136</b>	<b>-</b>	<b>2.136</b>	<b>3.974</b>	<b>3.798</b>	<b>3.394</b>	<b>3.500</b>	<b>-</b>	<b>57.038</b>

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<b>Exhibit P-3A, Individual Modification:</b> PB 2014 Army										<b>Date:</b> April 2013																			
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 2033A: Procurement of W&TCV, Army / BA 02: Weapons and Other Combat Vehicles / BSA 20: Mod Of Weapons And Other Combat Veh										<b>P-1 Line Item Nomenclature:</b> GZ2800 - M16 Rifle Mods										<b>Modification Nomenclature</b> ( <i>Modification Number - Modification Title</i> ): TBD - M16 RIFLE MODS									
<b>Models of Systems Affected:</b> M16 RIFLE										<b>Type Modification:</b> Increased Performance										<b>Related RDT&amp;E PEs:</b>									
<b>Manufacturer Information: Combat Optics</b>																													
Manufacturer Name: Trijicon, Inc. / TBD													Manufacturer Location: Wixom, MI / TBD																
Administrative Leadtime ( <i>in Months</i> ): 4													Production Leadtime ( <i>in Months</i> ): 3																
<b>Dates</b>		<b>FY 2012</b>				<b>FY 2013</b>				<b>FY 2014</b>				<b>FY 2015</b>				<b>FY 2016</b>				<b>FY 2017</b>				<b>FY 2018</b>			
Contract Dates		Jan 2012				Jan 2013												Feb 2016				Feb 2017				Feb 2018			
Delivery Dates		Apr 2012				Apr 2013												May 2016				May 2017				May 2018			

  

<b>Installation:</b> Combat Optics										<b>Method of Implementation:</b> Installed by Soldiers										<b>Installation Name:</b>									
<b>Installation Cost</b>	<b>Prior Years</b>	<b>FY 2012</b>	<b>FY 2013</b>	<b>FY 2014 Base</b>	<b>FY 2014 OCO</b>	<b>FY 2014 Total</b>	<b>FY 2015</b>	<b>FY 2016</b>	<b>FY 2017</b>	<b>FY 2018</b>	<b>To Complete</b>	<b>Total</b>																	
	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>																	
All Prior Years	0 / 0.000	0 / 0.000	0 / 0.000	0 / 0.000	- / -	0 / 0.000	0 / 0.000	0 / 0.000	0 / 0.000	0 / 0.000	0 / 0.000	0 / 0.000																	
FY 2012	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -																	
FY 2013	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -																	
FY 2014	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -																	
FY 2015	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -																	
FY 2016	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -																	
FY 2017	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -																	
FY 2018	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -																	
To Complete	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -																	
Total	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -																	

  

<b>Installation Schedule</b>																															
	<b>APY</b>	<b>FY 2012</b>				<b>FY 2013</b>				<b>FY 2014</b>				<b>FY 2015</b>				<b>FY 2016</b>				<b>FY 2017</b>				<b>FY 2018</b>				<b>TC</b>	<b>Tot</b>
		<b>1</b>	<b>2</b>	<b>3</b>	<b>4</b>	<b>1</b>	<b>2</b>	<b>3</b>	<b>4</b>	<b>1</b>	<b>2</b>	<b>3</b>	<b>4</b>	<b>1</b>	<b>2</b>	<b>3</b>	<b>4</b>	<b>1</b>	<b>2</b>	<b>3</b>	<b>4</b>	<b>1</b>	<b>2</b>	<b>3</b>	<b>4</b>						
In	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
Out	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			

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<b>Exhibit P-3A, Individual Modification:</b> PB 2014 Army										<b>Date:</b> April 2013																			
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 2033A: Procurement of W&TCV, Army / BA 02: Weapons and Other Combat Vehicles / BSA 20: Mod Of Weapons And Other Combat Veh										<b>P-1 Line Item Nomenclature:</b> GZ2800 - M16 Rifle Mods										<b>Modification Nomenclature</b> ( <i>Modification Number - Modification Title</i> ): TBD - M16 RIFLE MODS									
<b>Models of Systems Affected:</b> M16 RIFLE										<b>Type Modification:</b> Increased Performance										<b>Related RDT&amp;E PEs:</b>									
<b>Manufacturer Information: Close Quarters Battle Kit</b>																													
Manufacturer Name: Various													Manufacturer Location: Various																
Administrative Leadtime ( <i>in Months</i> ): 4													Production Leadtime ( <i>in Months</i> ): 4																
<b>Dates</b>		<b>FY 2012</b>				<b>FY 2013</b>				<b>FY 2014</b>				<b>FY 2015</b>				<b>FY 2016</b>				<b>FY 2017</b>				<b>FY 2018</b>			
Contract Dates		Jan 2012				Jan 2013				Jan 2014				Jan 2015				Jan 2016				Jan 2017				Jan 2018			
Delivery Dates		Mar 2012				Mar 2013				May 2014				Apr 2015				Apr 2016				Apr 2017				Apr 2018			

  

<b>Installation:</b> Close Quarters Battle Kit										<b>Method of Implementation:</b> Installed by Soldiers										<b>Installation Name:</b>									
<b>Installation Cost</b>	<b>Prior Years</b>	<b>FY 2012</b>	<b>FY 2013</b>	<b>FY 2014 Base</b>	<b>FY 2014 OCO</b>	<b>FY 2014 Total</b>	<b>FY 2015</b>	<b>FY 2016</b>	<b>FY 2017</b>	<b>FY 2018</b>	<b>To Complete</b>	<b>Total</b>																	
	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>																	
All Prior Years	0 / 0.000	0 / 0.000	0 / 0.000	0 / 0.000	- / -	0 / 0.000	0 / 0.000	0 / 0.000	0 / 0.000	0 / 0.000	0 / 0.000	0 / 0.000																	
FY 2012	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -																	
FY 2013	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -																	
FY 2014	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -																	
FY 2015	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -																	
FY 2016	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -																	
FY 2017	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -																	
FY 2018	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -																	
To Complete	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -																	
Total	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -																	

  

<b>Installation Schedule</b>																															
	<b>APY</b>	<b>FY 2012</b>				<b>FY 2013</b>				<b>FY 2014</b>				<b>FY 2015</b>				<b>FY 2016</b>				<b>FY 2017</b>				<b>FY 2018</b>					
		<b>1</b>	<b>2</b>	<b>3</b>	<b>4</b>	<b>1</b>	<b>2</b>	<b>3</b>	<b>4</b>	<b>1</b>	<b>2</b>	<b>3</b>	<b>4</b>	<b>1</b>	<b>2</b>	<b>3</b>	<b>4</b>	<b>1</b>	<b>2</b>	<b>3</b>	<b>4</b>	<b>1</b>	<b>2</b>	<b>3</b>	<b>4</b>	<b>1</b>	<b>2</b>	<b>3</b>	<b>4</b>	<b>TC</b>	<b>Tot</b>
In	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Out	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

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<b>Exhibit P-3A, Individual Modification:</b> PB 2014 Army										<b>Date:</b> April 2013																			
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 2033A: Procurement of W&TCV, Army / BA 02: Weapons and Other Combat Vehicles / BSA 20: Mod Of Weapons And Other Combat Veh										<b>P-1 Line Item Nomenclature:</b> GZ2800 - M16 Rifle Mods										<b>Modification Nomenclature</b> ( <i>Modification Number - Modification Title</i> ): TBD - M16 RIFLE MODS									
<b>Models of Systems Affected:</b> M16 RIFLE										<b>Type Modification:</b> Increased Performance										<b>Related RDT&amp;E PEs:</b>									
<b>Manufacturer Information: Collapsible Buttstock</b>																													
Manufacturer Name: FM Manufacturing, Allied Materials, P&S Products														Manufacturer Location: Columbia, SC; Lexington, KY; Kansas City, MO															
Administrative Leadtime ( <i>in Months</i> ): 9														Production Leadtime ( <i>in Months</i> ): 2															
<b>Dates</b>		<b>FY 2012</b>				<b>FY 2013</b>				<b>FY 2014</b>				<b>FY 2015</b>				<b>FY 2016</b>				<b>FY 2017</b>				<b>FY 2018</b>			
Contract Dates		Jun 2012								Jun 2014				Jun 2015				Jun 2016											
Delivery Dates		Aug 2012								Aug 2014				Aug 2015				Aug 2016											

  

<b>Installation:</b> Collapsible Buttstock										<b>Method of Implementation:</b> Installed by Soldiers										<b>Installation Name:</b>									
<b>Installation Cost</b>	<b>Prior Years</b>	<b>FY 2012</b>	<b>FY 2013</b>	<b>FY 2014 Base</b>	<b>FY 2014 OCO</b>	<b>FY 2014 Total</b>	<b>FY 2015</b>	<b>FY 2016</b>	<b>FY 2017</b>	<b>FY 2018</b>	<b>To Complete</b>	<b>Total</b>																	
	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>																	
All Prior Years	0 / 0.000	0 / 0.000	0 / 0.000	0 / 0.000	- / -	0 / 0.000	0 / 0.000	0 / 0.000	0 / 0.000	0 / 0.000	0 / 0.000	0 / 0.000																	
FY 2012	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -																	
FY 2013	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -																	
FY 2014	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -																	
FY 2015	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -																	
FY 2016	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -																	
FY 2017	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -																	
FY 2018	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -																	
To Complete	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -																	
Total	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -																	

  

<b>Installation Schedule</b>																															
	<b>APY</b>	<b>FY 2012</b>				<b>FY 2013</b>				<b>FY 2014</b>				<b>FY 2015</b>				<b>FY 2016</b>				<b>FY 2017</b>				<b>FY 2018</b>				<b>TC</b>	<b>Tot</b>
		<b>1</b>	<b>2</b>	<b>3</b>	<b>4</b>	<b>1</b>	<b>2</b>	<b>3</b>	<b>4</b>	<b>1</b>	<b>2</b>	<b>3</b>	<b>4</b>	<b>1</b>	<b>2</b>	<b>3</b>	<b>4</b>	<b>1</b>	<b>2</b>	<b>3</b>	<b>4</b>	<b>1</b>	<b>2</b>	<b>3</b>	<b>4</b>						
In	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-				
Out	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-				



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<b>Exhibit P-40, Budget Item Justification Sheet:</b> PB 2014 Army										<b>Date:</b> April 2013		
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 2033A: Procurement of W&TCV, Army / BA 02: Weapons and Other Combat Vehicles / BSA 20: Mod Of Weapons And Other Combat Veh							<b>P-1 Line Item Nomenclature:</b> GC0925 - Modifications Less Than \$5.0m (WOCV-WTCV)					
<b>ID Code</b> (A=Service Ready, B=Not Service Ready) : B				<b>Program Elements for Code B Items:</b> 0604601A				<b>Other Related Program Elements:</b>				
<b>MDAP/MAIS Code(s):</b>												
<b>Resource Summary</b>	<b>Prior Years</b>	<b>FY 2012</b>	<b>FY 2013<sup>#</sup></b>	<b>FY 2014 Base</b>	<b>FY 2014 OCO<sup>##</sup></b>	<b>FY 2014 Total</b>	<b>FY 2015</b>	<b>FY 2016</b>	<b>FY 2017</b>	<b>FY 2018</b>	<b>To Complete</b>	<b>Total</b>
Procurement Quantity <i>(Units in Each)</i>	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost <i>(\$ in Millions)</i>	189.306	2.973	3.072	1.569	-	1.569	4.048	3.796	3.232	3.548	Continuing	Continuing
Less PY Advance Procurement <i>(\$ in Millions)</i>	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) <i>(\$ in Millions)</i>	189.306	2.973	3.072	1.569	-	1.569	4.048	3.796	3.232	3.548	Continuing	Continuing
Plus CY Advance Procurement <i>(\$ in Millions)</i>	-	-	-	-	-	-	-	-	-	-	-	-
<b>Total Obligation Authority</b> <i>(\$ in Millions)</i>	<b>189.306</b>	<b>2.973</b>	<b>3.072</b>	<b>1.569</b>	<b>-</b>	<b>1.569</b>	<b>4.048</b>	<b>3.796</b>	<b>3.232</b>	<b>3.548</b>	<b>Continuing</b>	<b>Continuing</b>
<i>(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)</i>												
Initial Spares <i>(\$ in Millions)</i>	-	-	-	-	-	-	-	-	-	-	-	-
Flyaway Unit Cost <i>(Units in Thousands)</i>	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost <i>(Units in Thousands)</i>	-	-	-	-	-	-	-	-	-	-	-	-
<sup>#</sup> FY 2013 Program is from the FY 2013 President's Budget, submitted February 2012 <sup>##</sup> The FY 2014 OCO Request will be submitted at a later date <b>Description:</b> This program procures modifications of small arms with a cost less than \$5.000 million to include the procurement of accessory components of optics, protective lens coatings, mounting systems, bipods, and tripods. Optic sights allow the Soldier to identify and engage targets at longer ranges more effectively than standard iron sights. The M150 Rifle Combat Optic is a 4 powered scope with a ranging reticule enhancing the Soldier ability to engage targets out to 600 meters. The improved optic combines the close range, rapid target acquisition capabilities of the M68 Close Combat Optic (CCO) and the magnified capabilities of the M150 Rifle Combat Optic (RCO) and M145 Machine Gun Optic (MGO). Mounting systems provides a means to mount accessory components to weapons and mount weapon systems to platforms. Bipods and tripods are used to stabilize and maneuver a weapon to target. The M205 is a lightweight tripod for dismounted machine guns.												
<b>Justification:</b> FY 2014 Base procurement dollars in the amount of \$ 1.569 million supports the Active Army by procuring 545 M205 tripods and providing protective lens coatings for optics. The M205 Tripod reduces the Soldier's burden. The M205 Tripod provides integral traverse and elevation mechanisms for easier, more accurate target engagement; adjustable traverse limit stop for night time missions; and a new lightweight pintle design. Protective Lens Coatings provide an extremely high level of water-repellency, scratch resistance, and anti-reflectivity and significantly improve the effectiveness of current optics in the field.  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.												

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<b>Exhibit P-40, Budget Item Justification Sheet:</b> PB 2014 Army										<b>Date:</b> April 2013		
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 2033A: Procurement of W&TCV, Army / BA 02: Weapons and Other Combat Vehicles / BSA 30: Support Equipment & Facilities							<b>P-1 Line Item Nomenclature:</b> GL3200 - Items Less Than \$5.0m (WOCV-WTCV)					
<b>ID Code</b> (A=Service Ready, B=Not Service Ready) : B				<b>Program Elements for Code B Items:</b>				<b>Other Related Program Elements:</b>				
<b>MDAP/MAIS Code(s):</b>												
<b>Resource Summary</b>	<b>Prior Years</b>	<b>FY 2012</b>	<b>FY 2013<sup>#</sup></b>	<b>FY 2014 Base</b>	<b>FY 2014 OCO<sup>##</sup></b>	<b>FY 2014 Total</b>	<b>FY 2015</b>	<b>FY 2016</b>	<b>FY 2017</b>	<b>FY 2018</b>	<b>To Complete</b>	<b>Total</b>
Procurement Quantity ( <i>Units in Each</i> )	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost ( <i>\$ in Millions</i> )	121.927	-	2.026	2.024	-	2.024	2.026	2.028	2.027	-	-	132.058
Less PY Advance Procurement ( <i>\$ in Millions</i> )	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) ( <i>\$ in Millions</i> )	121.927	-	2.026	2.024	-	2.024	2.026	2.028	2.027	-	-	132.058
Plus CY Advance Procurement ( <i>\$ in Millions</i> )	-	-	-	-	-	-	-	-	-	-	-	-
<b>Total Obligation Authority</b> ( <i>\$ in Millions</i> )	<b>121.927</b>	<b>-</b>	<b>2.026</b>	<b>2.024</b>	<b>-</b>	<b>2.024</b>	<b>2.026</b>	<b>2.028</b>	<b>2.027</b>	<b>-</b>	<b>-</b>	<b>132.058</b>
<i>(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)</i>												
Initial Spares ( <i>\$ in Millions</i> )	-	-	-	-	-	-	-	-	-	-	-	-
Flyaway Unit Cost ( <i>Units in Thousands</i> )	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost ( <i>Units in Thousands</i> )	-	-	-	-	-	-	-	-	-	-	-	-
<sup>#</sup> FY 2013 Program is from the FY 2013 President's Budget, submitted February 2012 <sup>##</sup> The FY 2014 OCO Request will be submitted at a later date <b>Description:</b> Program provides for the procurement of small arms and auxiliary components such as combat optics, protective lens coatings for optics, fire controls, suppressors, power rails, weapon mounts/platforms, and adaptors to meet urgent needs or initial buys. Weapons and auxiliary components procured under this budget activity in prior years consist of MK48 Machine Guns, M9 Pistols, GO Pistols, M500 Mossberg Shotguns, M203A1 Grenade Launchers, M3 Multi-Role Anti-Armor Anti-Personnel Weapon System (MAAWS) and MP5KA Submachine Guns to include magazines, clamps, holsters, lanyards and cleaning kits. Funding will also purchase world class marksmanship weapons and accessories to support the Army Marksmanship Unit (AMU) in maintaining and procuring the specialized target rifles, pistols and accessories. Essentially Air Rifles; 22 cal Pistols; Shooting glasses and scopes; Free Pistols; Shot Guns and bolt action rifles. The Funding allocated for the AMU will be approximately 0.100 million per year and is a New Start in FY 2014.												
<b>Justification:</b> FY 2014 Base procurement dollars in the amount of \$2.024 million supports the Active Army by providing the funding for standalone shotguns and enhanced capabilities for the designated marksmen found in each infantry fire team. The funding also supports the AMU. The AMU competes worldwide on a regular basis. Between competitions the AMU is firing constantly to hone their skills and the man/weapon interface so important at that competitive level. Weapons of all types are fired and the weapons exceed their stated effective life projection faster. This requires that the weapons be maintained at an extremely high level of maintenance and the weapons must be coded out and replaced regularly.  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.												

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<b>Exhibit P-40, Budget Item Justification Sheet:</b> PB 2014 Army	<b>Date:</b> April 2013
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<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 2033A: Procurement of W&TCV, Army / BA 02: Weapons and Other Combat Vehicles / BSA 30: Support Equipment & Facilities	<b>P-1 Line Item Nomenclature:</b> GC0050 - Production Base Support (WOCV-WTCV)
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<b>ID Code</b> (A=Service Ready, B=Not Service Ready) :	<b>Program Elements for Code B Items:</b>	<b>Other Related Program Elements:</b>
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**MDAP/MAIS Code(s):**

Resource Summary	Prior Years	FY 2012	FY 2013 <sup>#</sup>	FY 2014 Base	FY 2014 OCO <sup>##</sup>	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total
Procurement Quantity ( <i>Units in Each</i> )	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost ( <i>\$ in Millions</i> )	417.984	10.160	10.115	10.108	-	10.108	10.204	10.387	10.562	10.121	Continuing	Continuing
Less PY Advance Procurement ( <i>\$ in Millions</i> )	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) ( <i>\$ in Millions</i> )	417.984	10.160	10.115	10.108	-	10.108	10.204	10.387	10.562	10.121	Continuing	Continuing
Plus CY Advance Procurement ( <i>\$ in Millions</i> )	-	-	-	-	-	-	-	-	-	-	-	-
<b>Total Obligation Authority</b> ( <i>\$ in Millions</i> )	<b>417.984</b>	<b>10.160</b>	<b>10.115</b>	<b>10.108</b>	<b>-</b>	<b>10.108</b>	<b>10.204</b>	<b>10.387</b>	<b>10.562</b>	<b>10.121</b>	<b>Continuing</b>	<b>Continuing</b>

*(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>Units in Thousands</i> )	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost ( <i>Units in Thousands</i> )	-	-	-	-	-	-	-	-	-	-	-	-

<sup>#</sup> FY 2013 Program is from the FY 2013 President's Budget, submitted February 2012

<sup>##</sup> The FY 2014 OCO Request will be submitted at a later date

**Description:**

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

Project Schedule			Prior Years	FY 2012	FY 2013	FY 2014 Base	FY 2014 OCO	FY 2014 Total
Project	Exhibits	ID CD	Total Cost (\$ M )	Total Cost (\$ M )	Total Cost (\$ M )	Total Cost (\$ M )	Total Cost (\$ M )	Total Cost (\$ M )
Production Support			-	9.605	9.538	9.506	-	9.506
GD-ATP/Watervliet/ Rock Island PBS Provisioning of Industrial Facilities			-	0.012	0.029	0.023	-	0.023

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<b>Exhibit P-40, Budget Item Justification Sheet:</b> PB 2014 Army							<b>Date:</b> April 2013	
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 2033A: Procurement of W&TCV, Army / BA 02: Weapons and Other Combat Vehicles / BSA 30: Support Equipment & Facilities					<b>P-1 Line Item Nomenclature:</b> GC0050 - Production Base Support (WOCV-WTCV)			
<b>ID Code</b> (A=Service Ready, B=Not Service Ready) :			<b>Program Elements for Code B Items:</b>			<b>Other Related Program Elements:</b>		
<b>MDAP/MAIS Code(s):</b>								
<b>Project Schedule</b>		<b>ID CD</b>	<b>Prior Years</b>	<b>FY 2012</b>	<b>FY 2013</b>	<b>FY 2014 Base</b>	<b>FY 2014 OCO</b>	<b>FY 2014 Total</b>
<b>Project</b>	<b>Exhibits</b>		<b>Total Cost (\$ M )</b>	<b>Total Cost (\$ M )</b>	<b>Total Cost (\$ M )</b>	<b>Total Cost (\$ M )</b>	<b>Total Cost (\$ M )</b>	<b>Total Cost (\$ M )</b>
Hot & Cold Forge emergency repairs and maintenance.	P25		-	0.012	0.029	0.023	-	0.023
Rock Island Arsenal - JMTC			-	2.375	2.370	2.365	-	2.365
Large Capacity Mills (Small Arms) and laboratory relocation	P25		-	2.375	2.370	2.365	-	2.365
Watervliet Arsenal			-	2.455	2.370	2.365	-	2.365
Machine Equipment installation with site preparation.	P25		-	2.455	2.370	2.365	-	2.365
ATEC Test Range Instrumentation			-	4.763	4.769	4.753	-	4.753
Instrumentation for production testing of WTCV systems.	P25		-	4.763	4.769	4.753	-	4.753
<i>(Uncategorized)</i>			417.984	0.555	0.577	0.602	-	0.602
Watervliet			417.984	0.555	0.577	0.602	-	0.602
Layaway of Industrial Facilities (LIF)			417.984	0.555	0.577	0.602	-	0.602
<b>Total Gross/Weapon System Cost</b>			<b>417.984</b>	<b>10.160</b>	<b>10.115</b>	<b>10.108</b>	<b>-</b>	<b>10.108</b>
<p>*For the P17 and P25, the Project column displays a three-level indentation: Project Category (e.g., Environmental), followed by the Facility, followed by the Project Name. Exhibits with no Project Category are included under the "Uncategorized" category. For the P26, the Project column displays a two-level indentation: Project Type (e.g., Inactive Plants, Inactive Lines at Contractor Plants and Inactive Lines at Active Plants), followed by the Facility. Note also that although all P17, P25 and P26 projects are shown in the project schedule, not all projects will have a corresponding exhibit. A P17 or P25 exhibit is only included if data beyond the Project Number, Project Title and Cost are included (for example: for the P17, Description, Manufacturer, etc.; for the P25, Narrative Explanation, Cost Elements, Principle Milestones, etc.). A P26 exhibit is only included if data beyond Project Type and Total Cost are included (for example, Description, Contractor, Maintenance/Recurring/Environmental/Other costs, etc.).</p>								
<p><b>Justification:</b> FY 2014 Base procurement dollars in the amount of \$10.108 million support the PIF and LIF programs. The PIF funds support upgrade and replacement of technically or economically obsolete production test instrumentation to ensure that complete and accurate test data is collected and that safety and environmental hazards are minimized. Benefits of this effort include increased test efficiencies and decreased</p>								

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<b>Exhibit P-40, Budget Item Justification Sheet:</b> PB 2014 Army		<b>Date:</b> April 2013
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 2033A: Procurement of W&TCV, Army / BA 02: Weapons and Other Combat Vehicles / BSA 30: Support Equipment & Facilities		<b>P-1 Line Item Nomenclature:</b> GC0050 - Production Base Support (WOCV-WTCV)
<b>ID Code</b> (A=Service Ready, B=Not Service Ready) :	<b>Program Elements for Code B Items:</b>	<b>Other Related Program Elements:</b>
<b>MDAP/MAIS Code(s):</b>		
<p>costs and risks to Army program managers. The PIF funding will also support the repair, upgrade or replacement of government-owned equipment used in the production of gun barrels for small caliber weapons such as the MK19 Grenade Machine Gun, the M2 Machine Gun and the M242 Bushmaster Chain Gun. PIF projects are essential in fulfilling current and projected Army requirements. Based on a five-year plan, the upgrade and modernization of facilities and equipment at Rock Island Arsenal is critical for the Army to meet both small and medium caliber weapon requirements and gun carriage requirements supporting current and future peacetime requirements. Benefits of this effort include the ability to maintain lower unit costs for production items and the manufacture of lightweight, high-wear components. The Layaway of Industrial Facilities effort at all facilities preserves the Army's abilities to respond to increases in production capabilities while keeping active production costs down. The effort allows the Army to excess equipment that is no longer needed. Economies are derived from this effort that benefit the entire Army.</p> <p>PIF funds directly support production of small caliber weapons systems, large caliber weapons systems and combat service support equipment at Rock Island Arsenal with modernization and upgrade requests supporting current and new manufacturing capabilities such as small arms spare parts and gages (e.g. 50-caliber M2 Machine Gun, MK19 40mm Machine Gun, M249 Light Machine Gun, M240 Series Machine Gun, M14 EBR, M4/16 Rifle), larger manufacturing capabilities (Add-on Armor upgrades for HMMWV, MRAP, and Stryker series vehicles; towed artillery spares and gun carriages; Forward Repair System vehicles; and Shop Equipment Contact Maintenance vehicles) and the introduction of new technologies (Friction Stir Welding) and testing capabilities to produce and fabricate new materials and alloys such as titanium (Titanium Investment Casting) and composites (Add on Armor, Individual PPE). At Rock Island Arsenal (RIA) efforts are being made to support the Army's movement toward reducing the load placed upon the Warfighter by participating in ongoing initiatives to reduce the overall weight of major weapons systems through utilization of our Titanium Investment Casting facility to cast major components of the weapons systems. Efforts are also underway to implement new technologies at RIA such as Friction Stir Welding that will allow RIA the capability to not only support Department of the Army, as well as other services, and leverage partnership programs in support of private industry to manufacture unique products with limited suppliers worldwide. Significant advancements in the realm of composites have resulted in RIA's Composite Armor Center being capable of supporting the needs of the Warfighter in the ongoing battle to defeat rapidly evolving insurgent devices and the subsequent need for armor advancements needed to do so. RIA's capability to utilize sophisticated software for reverse engineering coupled with rapid response manufacturing offers significant savings in time and money. In an effort to constantly improve the efficiency at which RIA is able to operate, RIA is improving productivity through an increased use of robotics and automation systems, material handling equipment and materials storage and retrieval systems, and machining centers capable of seven(7)-axis articulation to significantly reduce machining time requirements. Rock Island Arsenal continues to maintain technologies such as a full service foundry, not available elsewhere throughout the Department of the Army, to support Department of the Army requirements and to complement the capabilities of local private industry corporations through partnership programs. Advantages subsequent to maintaining and upgrading this unique capability will ensure no disruptions for critical spare or repair parts by offering this capability as an organic asset, resulting in sizeable cost savings for the Department of the Army. Replacing older equipment and continually investing in new technologies will result in not only a more efficient and productive manufacturing facility but also a more profitable facility as the Department of Defense, Department of the Army, and private industry would be able to leverage the unique manufacturing capabilities available at Rock Island Arsenal.</p> <p>At Watervliet Arsenal (WVA), efforts will be made to replace aging or obsolete machining equipment to obtain new state-of-the-art equipment to produce medium to large caliber weapons. The goal in replacing this equipment is to process cannon components to meet current and future production needs of cannon. Replacing the equipment will keep WVA technologically current and provide the added ability and flexibility to address new cannon configurations and designs. With replacement equipment new sources of service support and spare parts will be readily available. This will ensure flexible response to the Army's changing needs.</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>		

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<b>Exhibit P-25, Production Support and Industrial Facilities Cost Analysis:</b> PB 2014 Army						<b>Date:</b> April 2013															
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 2033A: Procurement of W&TCV, Army / BA 02: Weapons and Other Combat Vehicles / BSA 30: Support Equipment & Facilities						<b>P-1 Line Item Nomenclature:</b> GC0050 - Production Base Support (WOCV-WTCV)															
<b>Project Title:</b> Hot & Cold Forge emergency repairs and maintenance.						<b>Project Number:</b> U7668	<b>Project Category:</b> Production Support														
<b>End Item Supported Model:</b>						<b>Annual Capacity Before / After (1-8-5):</b> /															
<b>Cost Elements</b> <i>(\$ in Millions)</i>	<b>FY 2012</b>	<b>FY 2013</b>	<b>FY 2014 Base</b>	<b>FY 2014 OCO</b>	<b>FY 2014 Total</b>	<b>Facility Name:</b> GD-ATP/Watervliet/Rock Island PBS Provisioning of Industrial Facilities <b>Facility Location:</b> Saco, ME <b>Facility Type (GOGO, GOCO, COCO):</b> GOGO															
A. Construction Cost	-	-	-	-	-	<b>Principal Milestones</b> <span style="float:right"><b>Month &amp; Year</b></span> Concept Design Complete: Final Design Complete: Initial/Final Project Award: Construction Complete: Equipment Installation Complete: Prove Out Begins: Prove Out Complete:															
B. Equipment Cost	0.010	0.020	0.018	-	0.018																
C. Equipment Installation Cost	0.002	0.009	0.005	-	0.005																
D. Contractor Support Cost	-	-	-	-	-																
E. Corps of Engineers Support Cost	-	-	-	-	-																
F. Other In-House Support Cost	-	-	-	-	-																
F. Total Facility Project Cost	-	-	-	-	-																
G. Other Costs	-	-	-	-	-	<b>Related Projects</b> <table border="1" style="width:100%; border-collapse: collapse;"> <tr> <th><b>Project Number</b></th> <th><b>Title</b></th> <th><b>FY &amp; Appn</b></th> <th><b>Value (\$ M)</b></th> <th><b>Facing</b></th> <th><b>Start Date</b></th> <th><b>Compl Date</b></th> </tr> <tr> <td> </td> <td> </td> <td> </td> <td> </td> <td> </td> <td> </td> <td> </td> </tr> </table>		<b>Project Number</b>	<b>Title</b>	<b>FY &amp; Appn</b>	<b>Value (\$ M)</b>	<b>Facing</b>	<b>Start Date</b>	<b>Compl Date</b>							
<b>Project Number</b>	<b>Title</b>	<b>FY &amp; Appn</b>	<b>Value (\$ M)</b>	<b>Facing</b>	<b>Start Date</b>			<b>Compl Date</b>													
<b>Total Project Cost</b>	0.012	0.029	0.023	-	0.023																
<b>Narrative Explanation:</b> Hot and cold forge emergency repairs and maintenance to prevent failure and excessive down time of unique forges.																					

**UNCLASSIFIED**

<b>Exhibit P-25, Production Support and Industrial Facilities Cost Analysis:</b> PB 2014 Army						<b>Date:</b> April 2013															
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 2033A: Procurement of W&TCV, Army / BA 02: Weapons and Other Combat Vehicles / BSA 30: Support Equipment & Facilities						<b>P-1 Line Item Nomenclature:</b> GC0050 - Production Base Support (WOCV-WTCV)															
<b>Project Title:</b> Large Capacity Mills (Small Arms) and laboratory relocation						<b>Project Number:</b> U7669	<b>Project Category:</b> Production Support														
<b>End Item Supported Model:</b>						<b>Annual Capacity Before / After (1-8-5):</b> /															
<b>Cost Elements</b> <i>(\$ in Millions)</i>	<b>FY 2012</b>	<b>FY 2013</b>	<b>FY 2014 Base</b>	<b>FY 2014 OCO</b>	<b>FY 2014 Total</b>	<b>Facility Name:</b> Rock Island Arsenal - JMTC <b>Facility Location:</b> Rock Island, IL <b>Facility Type (GOGO, GOCO, COCO):</b> GOGO															
A. Construction Cost	-	-	-	-	-	<b>Principal Milestones</b> <span style="float:right"><b>Month &amp; Year</b></span> Concept Design Complete: Final Design Complete: Initial/Final Project Award: Construction Complete: Equipment Installation Complete: Prove Out Begins: Prove Out Complete:															
B. Equipment Cost	1.500	1.500	1.500	-	1.500																
C. Equipment Installation Cost	0.875	0.870	0.865	-	0.865																
D. Contractor Support Cost	-	-	-	-	-																
E. Corps of Engineers Support Cost	-	-	-	-	-																
F. Other In-House Support Cost	-	-	-	-	-																
F. Total Facility Project Cost	-	-	-	-	-																
G. Other Costs	-	-	-	-	-	<b>Related Projects</b> <table border="1" style="width:100%; border-collapse: collapse;"> <tr> <th><b>Project Number</b></th> <th><b>Title</b></th> <th><b>FY &amp; Appn</b></th> <th><b>Value (\$ M)</b></th> <th><b>Facing</b></th> <th><b>Start Date</b></th> <th><b>Compl Date</b></th> </tr> <tr> <td colspan="7" style="height: 100px;"></td> </tr> </table>		<b>Project Number</b>	<b>Title</b>	<b>FY &amp; Appn</b>	<b>Value (\$ M)</b>	<b>Facing</b>	<b>Start Date</b>	<b>Compl Date</b>							
<b>Project Number</b>	<b>Title</b>	<b>FY &amp; Appn</b>	<b>Value (\$ M)</b>	<b>Facing</b>	<b>Start Date</b>			<b>Compl Date</b>													
<b>Total Project Cost</b>	2.375	2.370	2.365	-	2.365																
<b>Narrative Explanation:</b> Machinery equipment and laboratory move for health, safety and environmental reasons.																					

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<b>Exhibit P-25, Production Support and Industrial Facilities Cost Analysis:</b> PB 2014 Army						<b>Date:</b> April 2013															
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 2033A: Procurement of W&TCV, Army / BA 02: Weapons and Other Combat Vehicles / BSA 30: Support Equipment & Facilities						<b>P-1 Line Item Nomenclature:</b> GC0050 - Production Base Support (WOCV-WTCV)															
<b>Project Title:</b> Machine Equipment installation with site preparation.						<b>Project Number:</b> U7670	<b>Project Category:</b> Production Support														
<b>End Item Supported Model:</b>						<b>Annual Capacity Before / After (1-8-5):</b> /															
<b>Cost Elements</b> <i>(\$ in Millions)</i>	<b>FY 2012</b>	<b>FY 2013</b>	<b>FY 2014 Base</b>	<b>FY 2014 OCO</b>	<b>FY 2014 Total</b>	<b>Facility Name:</b> Watervliet Arsenal <b>Facility Location:</b> Watervliet, NY <b>Facility Type (GOGO, GOCO, COCO):</b> COCO															
A. Construction Cost	-	-	-	-	-	<b>Principal Milestones</b> <span style="float:right"><b>Month &amp; Year</b></span> Concept Design Complete: Final Design Complete: Initial/Final Project Award: Construction Complete: Equipment Installation Complete: Prove Out Begins: Prove Out Complete:															
B. Equipment Cost	1.580	1.500	1.500	-	1.500																
C. Equipment Installation Cost	0.875	0.870	0.865	-	0.865																
D. Contractor Support Cost	-	-	-	-	-																
E. Corps of Engineers Support Cost	-	-	-	-	-																
F. Other In-House Support Cost	-	-	-	-	-																
F. Total Facility Project Cost	-	-	-	-	-																
G. Other Costs	-	-	-	-	-	<b>Related Projects</b> <table border="1" style="width:100%; border-collapse: collapse;"> <tr> <th align="left">Project Number</th> <th align="left">Title</th> <th align="left">FY &amp; Appn</th> <th align="left">Value (\$ M)</th> <th align="left">Facing</th> <th align="left">Start Date</th> <th align="left">Compl Date</th> </tr> <tr> <td colspan="7" style="height: 100px;"> </td> </tr> </table>		Project Number	Title	FY & Appn	Value (\$ M)	Facing	Start Date	Compl Date							
Project Number	Title	FY & Appn	Value (\$ M)	Facing	Start Date			Compl Date													
Total Project Cost	2.455	2.370	2.365	-	2.365																
<b>Narrative Explanation:</b> Machine equipment installation with associated site preparation activities.																					



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<b>Exhibit P-25, Production Support and Industrial Facilities Cost Analysis:</b> PB 2014 Army						<b>Date:</b> April 2013															
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 2033A: Procurement of W&TCV, Army / BA 02: Weapons and Other Combat Vehicles / BSA 30: Support Equipment & Facilities						<b>P-1 Line Item Nomenclature:</b> GC0050 - Production Base Support (WOCV-WTCV)															
<b>Project Title:</b> Instrumentation for production testing of WTCV systems.						<b>Project Number:</b> GC2001	<b>Project Category:</b> Production Support														
<b>End Item Supported Model:</b> All WTCV Systems						<b>Annual Capacity Before / After (1-8-5):</b> /															
<b>Cost Elements</b> <i>(\$ in Millions)</i>	<b>FY 2012</b>	<b>FY 2013</b>	<b>FY 2014 Base</b>	<b>FY 2014 OCO</b>	<b>FY 2014 Total</b>	<b>Facility Name:</b> ATEC Test Range Instrumentation <b>Facility Location:</b> Yuma, AZ; Aberdeen, MD; White Sands, NM <b>Facility Type (GOGO, GOCO, COCO):</b> GOGO															
A. Construction Cost	-	-	-	-	-	<b>Principal Milestones</b> <span style="float:right"><b>Month &amp; Year</b></span> Concept Design Complete: Final Design Complete: Initial/Final Project Award: Oct 2012 / Mar 2013 Construction Complete: Equipment Installation Complete: Oct 2013 Prove Out Begins: Oct 2013 Prove Out Complete: Dec 2013															
B. Equipment Cost	4.763	4.769	4.753	-	4.753																
C. Equipment Installation Cost	-	-	-	-	-																
D. Contractor Support Cost	-	-	-	-	-																
E. Corps of Engineers Support Cost	-	-	-	-	-																
F. Other In-House Support Cost	-	-	-	-	-																
F. Total Facility Project Cost	-	-	-	-	-																
G. Other Costs	-	-	-	-	-																
Total Project Cost	4.763	4.769	4.753	-	4.753	<b>Related Projects</b> <table border="1" style="width:100%; border-collapse: collapse; margin-top: 5px;"> <tr> <th align="center">Project Number</th> <th align="center">Title</th> <th align="center">FY &amp; Appn</th> <th align="center">Value (\$ M)</th> <th align="center">Facing</th> <th align="center">Start Date</th> <th align="center">Compl Date</th> </tr> <tr> <td colspan="7" style="height: 20px;"> </td> </tr> </table>		Project Number	Title	FY & Appn	Value (\$ M)	Facing	Start Date	Compl Date							
Project Number	Title	FY & Appn	Value (\$ M)	Facing	Start Date	Compl Date															
<b>Narrative Explanation:</b> Funds will be used to upgrade or replace production test instrumentation and equipment at Aberdeen Test Center (ATC), Aberdeen Proving Ground, MD; White Sands Test Center (WSTC), White Sands Missile Range, NM and Yuma Test Center (YTC), Yuma Proving Ground (YPG), AZ. At ATC, replaces vehicle data communication interfaces and advanced sensors for automotive performance and endurance testing; procures instrumentation for accurate and timely monitoring of divers for safety during underwater support missions such as swim course surveys and retrieving lost test items; procures high speed laser scanners to provide a complete 3-D models of sub-systems or parts for comparison to physical dimension tolerances as stipulated in engineering drawings; upgrades mobile dynamometer control systems for programmable dynamometer control using vehicle speed, drawbar force, and drawbar power as input parameters used for power-train, winch and fuel consumption testing and replaces aging high speed digital cameras used to document test events. At WSMR, provides badly needed upgrades to aged nuclear effects simulators used to test weapon system survivability and provides upgrades to the Semiconductor Test Laboratory used to characterize electronic piece-parts (complex integrated circuits such as microprocessors) to determine their vulnerability to and survivability in nuclear weapons and space radiation environments. At YPG, purchases on-board data acquisition and recording equipment for collecting vehicle performance data in harsh desert environments; purchases pyroshock accelerometers, blast over pressure gages, infrared flash detectors and triggers and various types of displacement transducers used to assess weapons ballistic performance; procures replacement power amplifiers in the vibration test facility supporting shock and vibration tests and also upgrades instrumentation and test fixtures in the vibration test facility used to simulate field shock and vibration environments; procures high speed digital cameras for capturing test events and procures low cost, rapidly deployable earth filled walls/ structures to protect personnel and equipment during weapon firing test activities. The majority of the instrumentation being upgraded or replaced is obsolete and has met or exceeded its economic life. This instrumentation is required to ensure complete and accurate test data is collected and safety and environmental hazards are minimized. Benefits of this project include increased test efficiencies and decreased costs and risks to Army Program Managers.																					

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**Exhibit P-40, Budget Item Justification Sheet:** PB 2014 Army **Date:** April 2013

<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 2033A: Procurement of W&TCV, Army / BA 02: Weapons and Other Combat Vehicles / BSA 30: Support Equipment & Facilities	<b>P-1 Line Item Nomenclature:</b> GC0075 - Industrial Preparedness
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<b>ID Code</b> (A=Service Ready, B=Not Service Ready) :	<b>Program Elements for Code B Items:</b>	<b>Other Related Program Elements:</b>
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**MDAP/MAIS Code(s):**

Resource Summary	Prior Years	FY 2012	FY 2013 <sup>#</sup>	FY 2014 Base	FY 2014 OCO <sup>##</sup>	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total
Procurement Quantity <i>(Units in Each)</i>	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost <i>(\$ in Millions)</i>	119.307	0.424	0.442	0.459	-	0.459	0.419	0.308	0.313	0.318	-	121.990
Less PY Advance Procurement <i>(\$ in Millions)</i>	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) <i>(\$ in Millions)</i>	119.307	0.424	0.442	0.459	-	0.459	0.419	0.308	0.313	0.318	-	121.990
Plus CY Advance Procurement <i>(\$ in Millions)</i>	-	-	-	-	-	-	-	-	-	-	-	-
<b>Total Obligation Authority <i>(\$ in Millions)</i></b>	<b>119.307</b>	<b>0.424</b>	<b>0.442</b>	<b>0.459</b>	<b>-</b>	<b>0.459</b>	<b>0.419</b>	<b>0.308</b>	<b>0.313</b>	<b>0.318</b>	<b>-</b>	<b>121.990</b>
<i>(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)</i>												
Initial Spares <i>(\$ in Millions)</i>	-	-	-	-	-	-	-	-	-	-	-	-
Flyaway Unit Cost <i>(Units in Thousands)</i>	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost <i>(Units in Thousands)</i>	-	-	-	-	-	-	-	-	-	-	-	-

<sup>#</sup> FY 2013 Program is from the FY 2013 President's Budget, submitted February 2012

<sup>##</sup> The FY 2014 OCO Request will be submitted at a later date

## Description:

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

## Justification:

FY 2014 Base procurement dollars in the amount of \$ 0.459 million support the maintenance of laid-away weapons production facilities to include utilities, buildings, non-severable equipment, plant equipment, special tooling, special test equipment, and partial layaway of manufacturing equipment (machine tools and tooling) unique to self-propelled, towed and transportable artillery systems being retained as part of approved Army Reserve Plants, which are required to support future production and replenishment requirements. Funds are used to perform periodic inspection and maintenance of the laid away equipment to prevent this unique equipment from deteriorating and jeopardizing planned reactivation capabilities and timelines. This program also include recurring overhead costs associated with the laid away facilities and equipment such as roads and grounds maintenance, fire protection, plant security, and administrative support. Funding supports Active Component.

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**Exhibit P-40, Budget Item Justification Sheet:** PB 2014 Army **Date:** April 2013

<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 2033A: Procurement of W&TCV, Army / BA 02: Weapons and Other Combat Vehicles / BSA 30: Support Equipment & Facilities	<b>P-1 Line Item Nomenclature:</b> GC0076 - Small Arms Equipment (Soldier Enh Prog)
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<b>ID Code</b> (A=Service Ready, B=Not Service Ready) :	<b>Program Elements for Code B Items:</b>	<b>Other Related Program Elements:</b>
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**MDAP/MAIS Code(s):**

Resource Summary	Prior Years	FY 2012	FY 2013 <sup>#</sup>	FY 2014 Base	FY 2014 OCO <sup>##</sup>	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total
Procurement Quantity <i>(Units in Each)</i>	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost <i>(\$ in Millions)</i>	101.574	2.453	2.378	1.267	-	1.267	3.173	3.016	2.572	2.800	-	119.233
Less PY Advance Procurement <i>(\$ in Millions)</i>	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) <i>(\$ in Millions)</i>	101.574	2.453	2.378	1.267	-	1.267	3.173	3.016	2.572	2.800	-	119.233
Plus CY Advance Procurement <i>(\$ in Millions)</i>	-	-	-	-	-	-	-	-	-	-	-	-
<b>Total Obligation Authority <i>(\$ in Millions)</i></b>	<b>101.574</b>	<b>2.453</b>	<b>2.378</b>	<b>1.267</b>	<b>-</b>	<b>1.267</b>	<b>3.173</b>	<b>3.016</b>	<b>2.572</b>	<b>2.800</b>	<b>-</b>	<b>119.233</b>
<i>(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)</i>												
Initial Spares <i>(\$ in Millions)</i>	-	-	-	-	-	-	-	-	-	-	-	-
Flyaway Unit Cost <i>(Units in Thousands)</i>	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost <i>(Units in Thousands)</i>	-	-	-	-	-	-	-	-	-	-	-	-

<sup>#</sup> FY 2013 Program is from the FY 2013 President's Budget, submitted February 2012

<sup>##</sup> The FY 2014 OCO Request will be submitted at a later date

## Description:

The purpose of the Soldier Enhancement Program (SEP) is to increase the combat effectiveness of our Soldiers through accelerated integration, modernization, and capability enhancement efforts. This Soldier Enhancement Program (SEP) WTCV provides a means of procuring lighter, more lethal infantry weapons and various types of equipment designed to increase Soldiers' survivability and lethality.

## Justification:

FY 2014 base procurement in the amount of \$1.267 million supports post evaluation procurement of successful SEP initiatives. This shortens the time required to field capabilities initiated under SEP. Items in this category include Commercial Off-the Shelf/Government Off-the Shelf/Non-Developmental Item small arms, individual and crew served weapons components, sights, and accessories. Capabilities envisioned for procurement include the MK 56 Optic, which improves Soldier's target acquisition and probability of hit for the M2 .50 Caliber Crew Served Machine Gun; the Squad Common Optic which combines the close range/rapid target acquisition capabilities of the M68 Close Combat Optic (CCO) and the magnified capabilities of the M150 Rifle Combat Optic (RCO); and the Sniper/Designated Marksman Optic which combines the close range/low end magnification and the extended range/higher magnification to allow for a full spectrum operational capability for sniper teams and the Designated Marksman the squad level.

"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**

<b>Exhibit P-40, Budget Item Justification Sheet:</b> PB 2014 Army	<b>Date:</b> April 2013
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<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 2033A: Procurement of W&TCV, Army / BA 03: Spare and Repair Parts / BSA 10: Spares	<b>P-1 Line Item Nomenclature:</b> GE0150 - Spares And Repair Parts (WTCV)
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<b>ID Code</b> (A=Service Ready, B=Not Service Ready) :	<b>Program Elements for Code B Items:</b>	<b>Other Related Program Elements:</b> 0211702A, 0211705A
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**MDAP/MAIS Code(s):**

Resource Summary	Prior Years	FY 2012	FY 2013 <sup>#</sup>	FY 2014 Base	FY 2014 OCO <sup>##</sup>	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total
Procurement Quantity <i>(Units in Each)</i>	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost <i>(\$ in Millions)</i>	366.548	106.843	31.217	-	-	-	-	-	-	-	-	504.608
Less PY Advance Procurement <i>(\$ in Millions)</i>	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) <i>(\$ in Millions)</i>	366.548	106.843	31.217	-	-	-	-	-	-	-	-	504.608
Plus CY Advance Procurement <i>(\$ in Millions)</i>	-	-	-	-	-	-	-	-	-	-	-	-
<b>Total Obligation Authority <i>(\$ in Millions)</i></b>	<b>366.548</b>	<b>106.843</b>	<b>31.217</b>	-	-	-	-	-	-	-	-	<b>504.608</b>

*(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>(Units in Thousands)</i>	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost <i>(Units in Thousands)</i>	-	-	-	-	-	-	-	-	-	-	-	-

<sup>#</sup> FY 2013 Program is from the FY 2013 President's Budget, submitted February 2012

<sup>##</sup> The FY 2014 OCO Request will be submitted at a later date

**Description:**

This program provides for the procurement of spares to support initial fielding of new or modified end items.

Secondary Distribution		FY 2012	FY 2013	FY 2014 Base	FY 2014 OCO	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018
Army	Quantity	-	-	-	-	-	-	-	-	-
	Total Obligation Authority	61.016	13.994	-	-	-	-	-	-	-
ANG	Quantity	-	-	-	-	-	-	-	-	-
	Total Obligation Authority	17.932	12.917	-	-	-	-	-	-	-
AR	Quantity	-	-	-	-	-	-	-	-	-
	Total Obligation Authority	27.895	4.306	-	-	-	-	-	-	-

**UNCLASSIFIED**

<b>Exhibit P-40, Budget Item Justification Sheet:</b> PB 2014 Army																<b>Date:</b> April 2013					
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 2033A: Procurement of W&TCV, Army / BA 03: Spare and Repair Parts / BSA 10: Spares												<b>P-1 Line Item Nomenclature:</b> GE0150 - Spares And Repair Parts (WTCV)									
<b>ID Code</b> (A=Service Ready, B=Not Service Ready) :						<b>Program Elements for Code B Items:</b>						<b>Other Related Program Elements:</b> 0211702A, 0211705A									
<b>MDAP/MAIS Code(s):</b>																					
<b>Item Schedule</b>		<b>ID CD</b>	<b>Prior Years</b>			<b>FY 2012</b>			<b>FY 2013</b>			<b>FY 2014 Base</b>			<b>FY 2014 OCO</b>			<b>FY 2014 Total</b>			
<b>Item Nomenclature*</b>	<b>Exhibits</b>		<b>Unit Cost (\$ K )</b>	<b>Qty (Each)</b>	<b>Total Cost (\$ M )</b>	<b>Unit Cost (\$ K )</b>	<b>Qty (Each)</b>	<b>Total Cost (\$ M )</b>	<b>Unit Cost (\$ K )</b>	<b>Qty (Each)</b>	<b>Total Cost (\$ M )</b>	<b>Unit Cost (\$ K )</b>	<b>Qty (Each)</b>	<b>Total Cost (\$ M )</b>	<b>Unit Cost (\$ K )</b>	<b>Qty (Each)</b>	<b>Total Cost (\$ M )</b>	<b>Unit Cost (\$ K )</b>	<b>Qty (Each)</b>	<b>Total Cost (\$ M )</b>	
SPARES (INITIAL) ABRAMS UPGRADE	P40A		-	-	-	-	-	7.219	-	-	-	-	-	-	-	-	-	-	-	-	
SPARES (INITIAL) STRYKER	P40A		-	-	-	-	-	99.624	-	-	31.217	-	-	-	-	-	-	-	-	-	
<b>Total Gross/Weapon System Cost</b>				<b>366.548</b>			<b>106.843</b>			<b>31.217</b>			-			-			-		
<p>*Item Nomenclature represents Item Number, DODIC, and Item Name for the P40A and P5; Name for the P18 and P23; Modification Number and Modification Title for the P3A; Item Number and Item Name for the P10.</p> <p>Note: Totals in this Exhibit P-40 set may not be exact or add due to rounding.</p>																					
<p><b>Justification:</b> FY 2014 has no funding.</p> <p>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.</p>																					

