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

April 2013



## **Army**

Justification Book

Procurement of W&TCV, Army

## 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

## 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

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

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

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

## 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

Emergency

Appropriation: Procurement of W&TCV, Army

Budget Activity	FY 2012 (Base & OCO)	FY 2013 Base Request with CR Adj*	FY 2013 OCO Request with CR Adj*	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

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

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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&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

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

# 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&TCV, Army

Line No Item Nomenclature Budget Activity 01: Tracked Combat Vehicl	Ident Code 			Base		FY 201 OCO Requ with CR Quantity	est	Emerge Disas Relief A 201 Quantity	ter ct of	Total	CR Adj*	
budget Accivity VI. Hacked Compat Venici	C.S											
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	ซ
7 Improved Recovery Vehicle (M88A2 Hercules)	A		7,452	31	107,909					31	107,909	υ
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											Ū
12 M1 Abrams Tank (MOD)	A		131,098		129,090						129,090	Ü
13 Abrams Upgrade Program	A	67	436,329		74,433						74,433	U

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

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

# 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&TCV, Army

Line No Item Nomenclature	Ident Code			S & C
Budget Activity 01: Tracked Combat Vehicl	es			
Tracked Combat Vehicles				
1 Stryker Vehicle			374,100	Ų
Modification of Tracked Combat Vehicles				
2 STRYKER (MOD)	A		20,522	ū
3 Fist Vehicle (MOD)			29,965	U
4 Bradley Program (MOD)	A		<b>1</b> 58,000	υ
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	Ū
8 Assault Bridge (Mod)			2,500	Ū
9 Assault Breacher Vehicle	A	14	62,951	U
10 M88 FOV MODS	A		28,469	U
ll Joint Assault Bridge	A		2,002	υ
12 M1 Abrams Tank (MOD)	A		178,100	U
13 Abrams Upgrade Program	A			U

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

## 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&TCV, Army

Line No Item Nomenclature	Ident Code		-	Bas	•	FY 201 OCO Requ with CR Quantity	est	Emerge Disas Relief A 201 Quantity	ter ct of	Tota	2	
Support Equipment & Facilities												
14 Production Base Support (TCV-WTCV)			1,073		1,145						1,145	
Total Tracked Combat Vehicles			1,696,498		1,162,137						1,162,131	
Budget Activity 02: Weapons and Other Co	ombat Vehi	cles										
Weapons & Other Combat Vehicles												
15 Integrated Air Burst Weapon System Family	A				506						506	6 U
16 Machine Gun, Cal .50 M2 Roll	A		31,102									U
17 Lightweight .50 Caliber Machine Gun	А			610	25,183					610	25,183	3 U
18 Mortar Systems		70	10,177		8,104						8,104	₹ U
19 XM320 Grenade Launcher Module (GLM)	А	2954	12,055	2280	14,096					2280	14,096	5 TJ
20 M4 Carbine	A	2264	4,700									U
21 Carbine	A			12000	21,272					12000	21,272	3 U
22 Shotgun, Modular Accessory System (MASS)	A	1891	6,707	2107	6,598					2107	6,598	3 U
23 Common Remotely Operated Weapons Station			14,890	240	56,725					240	56,725	5 ប
24 Handgun	A											U
25 Howitzer Lt Wt 155mm (T)			13,066		13,827						13,827	7 U

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

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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&TCV, Army

			FY	2014	S
Lin		Ident	В	ase	е
No	Item Nomenclature	Code	Quantity	Cost	С
					-
Suj	pport Equipment & Facilities				
14	Production Base Support (TCV-WTCV)			1,544	
Tota	al Tracked Combat Vehicles			,234,130	
Budg	get Activity 02: Weapons and Other Co	mbat Vehi	icles		
Wea	apons & Other Combat Vehicles				
15	Integrated Air Burst Weapon System Family	A	1424	69,147	Ū
16	Machine Gun, Cal .50 M2 Roll	A			U
17	Lightweight .50 Caliber Machine Gun	A			U
18	Mortar Systems			5,310	Ų
19	XM320 Grenade Launcher Module (GLM)	Α	5061	24,049	Ų
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

#### 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&TCV, Army

Line	Ident	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 S with CR Adj* e
No Item Nomenclature	Code	Quantity Cost	Quantity Cost	Quantity Cost	Quantity Cost	Quantity Cost 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	В	48,856	39,974			39,974 U
29 M249 Saw Machine Gun Mods		8,480	4,996			<b>4</b> ,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

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

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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&TCV, Army

Line	Ident	FY 2014 Base	\$ e
No Item Nomenclature	Code	Quantity Cost	C
			-
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	В	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	Ų
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)		1,265	ט י
Total Weapons and Other Combat Vehicles		363,135	•

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

## 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&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 S  with CR Adj* e  Quantity Cost c
Budget Activity 03: Spare and Repair Par	rts					
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

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

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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&TCV, Army

		Tdent		.4	s e			
No :	Item Nomenclature		Quantity	Cost	c -			
	Activity 03: Spare and Repair Part	ŝ						
Spares								
39 Spares and Repair Parts (WTCV)								
Total Sp	pare and Repair Parts							
	Activity 20: Undistributed							
Undist	ributed							
40 Adj	to Match Continuing Resolution	A		<b>.</b>	U			
Total U	Indistributed		<b>-</b>	<b></b>				
Total P	Procurement of W&TCV, Army		1,5	97,267				

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

Army • President's Budget Submission FY 2014 • Procurement

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Exhibit P-40's

## Army • President's Budget Submission FY 2014 • Procurement

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

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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)	
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

## Army • President's Budget Submission FY 2014 • Procurement

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

Line #	ВА	BSA	Line Item Number	Line Item Title	Page
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16	02	10	GB2000	Machine Gun, Cal .50 M2 Roll	. 135
17	02	10	G12800	Lightweight .50 Caliber Machine Gun	
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

## Army • President's Budget Submission FY 2014 • Procurement

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

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

Army • President's Budget Submission FY 2014 • Procurement

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

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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**Army • President's Budget Submission FY 2014 • Procurement

Line Item Title	Line Item Number	Line #	ВА	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

## Army • President's Budget Submission FY 2014 • Procurement

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

Exhibit P-40, Budget Item Justification Sheet: PB 2014 Army Date: April 2013 Appropriation / Budget Activity / Budget Sub Activity: P-1 Line Item Nomenclature:

2033A: Procurement of W&TCV. Army / BA 01: Tracked Combat Vehicles / BSA 10: G85100 - Stryker Vehicle

**Prior** 

Tracked Combat Vehicles

FY 2014

To

4.954.275

3.587

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

**FY 2014** 

**FY 2014** 

MDAP/MAIS Code(s):

Resource Summary	Years	FY 2012	FY 2013	Base	OCO	iotai	FY 2015	FY 2016	FY 2017	FY 2018	Complete	iotai
Procurement Quantity (Units in Each)	4,349	100	58	-	-	-	-	-	-	-	513	5,020
Gross/Weapon System Cost (\$ in Millions)	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 (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (\$ in Millions)	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 (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (\$ in Millions)	13,531.174	606.894	286.818	374.100	-	374.100	479.176	185.131	-	-	2,541.543	18,004.836
	(The following	g Resource Sum	mary rows are for	informational p	urposes only. Th	e corresponding	budget request	s are documente	ed elsewhere.)		1	
Initial Spares (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Flyaway   Init Cost (Units in Thousands)		_	_	_	_	_	_	_	_	_	_	

 $<sup>^{\#}</sup>$  FY 2013 Program is from the FY 2013 President's Budget, submitted February 2012

3.111.330

6.068.940

4.945.138

#### Description:

(Units in Thousands)

Gross/Weapon System Unit Cost

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.

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

assault.

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

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

Mortar Carrier: The Mortar Carrier (MC) 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.

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

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

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

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

UNCLASSIFIED LI G85100 - Stryker Vehicle Page 1 of 9 P-1 Line #1 Army

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

Exhibit P-40, Budget Item Justification Sheet: PB 2014 Army		Date: April 2013
Appropriation / Budget Activity / Budget Sub Activity:	P-1 Line Item Nomenclature:	
2033A: Procurement of W&TCV, Army / BA 01: Tracked Combat Vehicles / BSA 10:	G85100 - Stryker Vehicle	
Tracked Combat Vehicles		

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

Other Related Program Elements:

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

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.

Sec	ondary 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 Sche	dule		P	rior Yea	rs		FY 2012			FY 2013		FY	2014 Ba	ise	FY	2014 O	co	FY	2014 To	tal
Item Nomenclature*	Exhibits	ID CD	Unit Cost	Qty (Each)	Total Cost															
G85100 - Stryker Vehicle	P5, P5A, P21	Α	3,111.330	-	13,531.174	-	100	606.894	-	58	286.818	-	-	374.100	-	-	-	-	-	374.100
Total Gross/Weapon System Cost					13,531.174			606.894			286.818			374.100			-			374.100

\*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.

LI G85100 - Stryker Vehicle
Army

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P-1 Line #1

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

					· · · · · · · · · · · · · · · · · · ·	
Resource Summary	Prior Years	FY 2012	FY 2013 <sup>#</sup>	FY 2014 Base	FY 2014 OCO##	FY 2014 Total
Procurement Quantity (Units in Each)	-	100	58	-	-	-
Gross/Weapon System Cost (\$ in Millions)	13,531.174	606.894	286.818	374.100	-	374.100
Less PY Advance Procurement (\$ in Millions)	-	-	-	-	-	-
Net Procurement (P1) (\$ in Millions)	13,531.174	606.894	286.818	374.100	-	374.100
Plus CY Advance Procurement (\$ in Millions)	-	-	-	-	-	-
Total Obligation Authority (\$ in Millions)	13,531.174	606.894	286.818	374.100	-	374.100

(The following Resource Sum	mary rows are for information	onal purposes only. The cor	responding budget request	s are documented elsewhe	re.)	
Initial Spares (\$ in Millions)	-	-	-	-	-	-
Gross/Weapon System Unit Cost (Units in Thousands)	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

		All	l Prior Yea	rs		FY 2012			FY 2013		F	Y 2014 Bas	se	F'	Y 2014 OC	0	F	Y 2014 Tot	al
Cost Elements († indicates the presence of a P-5A)	ID CD	Unit Cost	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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Exhibit P-5, Cost Analysis: PB 2014 Army

Appropriation / Budget Activity / Budget Sub Activity:
2033A: Procurement of W&TCV, Army / BA 01: Tracked
Combat Vehicles / BSA 10: Tracked Combat Vehicles

Date: April 2013

Item Nomenclature (Item Number - Item Name, DODIC):
G85100 - Stryker Vehicle
G85100 - Stryker Vehicle

		Al	Prior Yea	rs		FY 2012			FY 2013		F`	Y 2014 Bas	se	F'	Y 2014 OC	0	F	Y 2014 Tot	al
Cost Elements († indicates the presence of a P-5A)	ID CD	Unit Cost	Quantity (Each)	Total Cost (\$ M)	Unit Cost	Quantity (Each)	Total Cost (\$ M)	Unit Cost	Quantity (Each)	Total Cost (\$ M)	Unit Cost		Total Cost (\$ M)	Unit Cost	Quantity (Each)	Total Cost (\$ M)	Unit Cost	Quantity (Each)	Tota Cost
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	-	-	-	-	-	
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	-	-	-	-	-	2
Program Management Support (Contractor)		-	-	15.141	-	-	16.897	-	-	9.169	-	-	7.270	-	-	-	-	-	
Logistics Engineer Support (Contractor)		-	-	193.399	-	-	14.900	-	-	14.125	-	-	13.328	-	-	-	-	-	
Depot Level Repair Instruction/Equipment		-	-	76.179	-	-	12.686	-	-	-	-	-	-	-	-	-	-	-	
System Fielding Support		-	-	445.250	-	-	29.651	-	-	8.122	-	-	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	-	- 1	0.263	-	-	-	-	-	
System Technical Support (STS)		-	-	561.458	-	-	27.793	-	-	16.122	-	-	15.356	-	-	-	-	-	
Software Support (Contractor)		-	-	10.044	-	-	6.648	-	-	3.594	-	-	5.234	-	-	-	-	-	
Integrated Data Environment		-	-	4.263	-	-	0.004	-	-	-	-	-	-	-	-	-	-	-	

LI G85100 - Stryker Vehicle Army

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Exhibit P-5, Cost Analysis: PB 2014 Army

Appropriation / Budget Activity / Budget Sub Activity:
2033A: Procurement of W&TCV, Army / BA 01: Tracked
Combat Vehicles / BSA 10: Tracked Combat Vehicles

Date: April 2013

Item Nomenclature (Item Number - Item Name, DODIC):
G85100 - Stryker Vehicle
G85100 - Stryker Vehicle

		Al	l Prior Yea	ars		FY 2012			FY 2013		F`	Y 2014 Bas	se	F`	Y 2014 OC	)	F	/ 2014 Tot	al
Cost Elements († indicates the presence of a P-5A)	ID CD	UIIIL GOSL	Quantity (Each)	Total Cost (\$ M)	Unit Cost	Quantity (Each)	Total Cost (\$ M)	Unit Cost	Quantity (Each)	Total Cost (\$ M )	Unit Cost	Quantity (Each)	Total Cost (\$ M )	Unit Cost	Quantity (Each)	Total Cost (\$ M)	Unit Cost	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:

LI G85100 - Stryker Vehicle

Sec	ondary 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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Exhibit P-5A, Budget Procurement History and Planning:	PB 2014 Army	Date: April 2013
Appropriation / Budget Activity / Budget Sub Activity:	P-1 Line Item Nomenclature:	Item Nomenclature:
2033A: Procurement of W&TCV, Army / BA 01: Tracked	G85100 - Stryker Vehicle	G85100 - Stryker Vehicle
Combat Vehicles / BSA 10: Tracked Combat Vehicles		

Cost Elements († indicates the presence of a P-21)	0 C 0	FY	Contractor and Location	Method/Type, or Funding Vehicle	Location of PCO	Award Date	Date of First Delivery	Qty (Each)	Unit Cost	Specs Avail Now?	Date Revsn Avail	RFP Issue Date
†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		

#### Remarks:

Stryker vehicle contract has range pricing that is predicated on the total buy quantity as well as by specific variant.

LI G85100 - Stryker Vehicle Army UNCLASSIFIED
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Exhibit P-21, Budget Production Schedule: PB 2014 Army Date: April 2013 Appropriation / Budget Activity / Budget Sub Activity: P-1 Line Item Nomenclature: Item Nomenclature: 2033A: Procurement of W&TCV, Army / BA 01: Tracked G85100 - Stryker Vehicle G85100 - Stryker Vehicle Combat Vehicles / BSA 10: Tracked Combat Vehicles Cost Elements Fiscal Year 2012 (Units in Each) Fiscal Year 2013 ACCEP Calendar Year 2012 Calendar Year 2013 М PRIOR BAL 0 C 0 В F DUE 0 TO 1 A U S PROC OCT AS OF C E Ε A R P R Ü E C 0 V Е Р U U U E R 0 V A N A Y U A N Е A R A Y A L FY SERVICE<sup>‡</sup> QTY R N # 2011 1 OCT G В NBC Reconnaissance Vehicle (NBCRV) All Prior Years Deliveries: 457 10 10 60 2012 ARMY 100 100 A -10 58 58 58 2013 ARMY (I) Α -0 D E F E M J S E 0 N O D F E J U A U S E В Α A Y U Ε Α U R R Ĺ G Ν В N G Р L

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nibi	it P-	21, Bud	get P	roduc	ction S	Sche	dule:	PB 20	014 A	rmy													Date	: Apr	il 201	3				
3A	: Pro	cureme	nt of \	W&TC	CV, Ar	my / E	3A 01	: Trac	cked	1		_		_									1							
			Each)					·			Fiscal Ye	ear 2014											Fiscal Ye	ear 2015						
F R	FY	SERVICE <sup>‡</sup>	PROC QTY	ACCEP PRIOR TO 1 OCT 2013	BAL DUE AS OF 1 OCT	O C T	C										E	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	B A L					
			(NBCRV	)																										-
			100	40	60	10	10	10	10	10	10																			T -
-					58	-	-	-	-	-	-		10	10	) 10	10	8													-
						O C T	N O V	D E C	JAN	F E B	M A R	A P R	M A Y	J	J	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	SEP	B A L
1 3 r	mba M F R #	mbat Vember From From From From From From From Fro	propriation / Branch   Branch	propriation / Budget 33A: Procurement of V mbat Vehicles / BSA  Cost Elements (Units in Each)  M F R FY SERVICE PROC QTY  CReconnaissance Vehicle (NBCRV rior Years Deliveries: 457	propriation / Budget Activation / Budget Activation / Budget Activation / Basania / Ba	propriation / Budget Activity / I  33A: Procurement of W&TCV, Ar  mbat Vehicles / BSA 10: Tracked  Cost Elements (Units in Each)  M F F F SERVICE PROC OCT AS OF QTY 2013 1 OCT  CReconnaissance Vehicle (NBCRV)  Prior Years Deliveries: 457	Propriation / Budget Activity / Budget Activit	PROC   PROC   OCT   AS OF   C   O	Propriation / Budget Activity / Budget Sub Activity / Budget Sub Activity / Badget Sub Accep   PROC   Dub   Dub	# FY SERVICE <sup>‡</sup> QTY 2013 1 OCT T V C N  Reconnaissance Vehicle (NBCRV)  Prior Years Deliveries: 457    2012   ARMY   100   40   60   10   10   10   10   10   10   2013   ARMY (I)   58   -   58   -   -   -   -   -   -   -   -   -	March   Fry   Service   PROC   QTY   2013   ARMY   100   40   60   10   10   10   10   10   10   1	P-1   GREEN   P-1   GREEN	P-1 Line   G85100   G85100	P-1 Line Item   G85100 - Stry	P-1 Line Item Non	P-1 Line Item Nomence   Results   P-1 Line Item Nomence   Results   Result	P-1 Line Item Nomenclature:   G85100 - Stryker Vehicle   G85100 - Stryker Vehicle	P-1 Line Item Nomenclature:   G85100 - Stryker Vehicle	P-1 Line Item Nomenclature:	Propriation / Budget Activity / Budget Sub Activity:  B3A: Procurement of W&TCV, Army / BA 01: Tracked mbat Vehicles / BSA 10: Tracked Combat Vehicles    Cost Elements (Units in Each)   Fiscal Year 2014	P-1 Line Item Nomenclature:  G85100 - Stryker Vehicle  Calendar Year 2014  Fiscal Ye	Propriation / Budget Activity / Budget Sub Activity:  B3A: Procurement of W&TCV, Army / BA 01: Tracked mbat Vehicles / BSA 10: Tracked Combat Vehicles    Cost Elements (Units in Each)   ACCEP   PRIOR   BAL   To 1   DUE   O   N   D   J   F   M   A   M   J   J   A   S   O   N   D   J   F   M   A   P   A   U   U   U   E   C   O   E   A   E   A   P   A   U   U   U   U   E   C   O   E   A   E   A   P   A   U   U   U   U   E   C   O   E   A   E   A   P   A   U   U   U   U   E   C   O   E   A   E   A   P   A   U   U   U   E   C   O   E   A   E   A   P   A   U   U   U   E   C   O   E   A   E   A   P   A   U   U   U   E   C   O   E   A   E   A   E   A   P   A   U   U   U   E   C   O   E   A   A	P-1 Line Item Nomenclature:  G85100 - Stryker Vehicle  Fiscal Year 2014  Fiscal Year 2014  Fiscal Year 2014  First Service* QTY 2013 1 OCT T V C N B R R R R R R R R R R R R R R R R R R	P-1 Line Item Nomenclature:   G85100 - Stryker Vehicle   G85100 - Stryker	P-1 Line Item Nomenclature:   G85100 - Stryker Vehicle   G85100 - Stryker	P-1 Line Item Nomenclature:   G85100 - Stryker Vehicle   G85100 - Stryker	P-1 Line   Item Nomenclature:   G85100 - Stryker   Vehicle	P-1 Line Item Nomenclature:   G85100 - Stryker Vehicle   G85100 - Stryker	P-1 Line Item Nomenclature:   G85100 - Stryker Vehicle   G85100 - Stryker	P-1 Line Item Nomenclature:   G85100 - Stryker Vehicle   G85100 - Stryker

LI G85100 - Stryker Vehicle Army

Exhibit P-21, Budget Production Schedule: PB 2014 Army	Date: April 2013
	Item Nomenclature: G85100 - Stryker Vehicle

		Produc	tion Rates (Each /	Month)				Procurement Lea	adtime (Months)				
						Init	ial		Reorder				
М	FR # MFR Name - Location	MSR	1-8-5	MAX	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 greater than 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:

(I) BASE

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

Appropriation / Budget Activity / Budget Sub Activity:

P-1 Line Item Nomenclature:

2033A: Procurement of W&TCV, Army / BA 01: Tracked Combat Vehicles / BSA 20: GM0100 - Stryker (Mod) Modification Of Tracked Combat Vehicles

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

Program Elements for Code B Items: 0603653A

**Other Related Program Elements:** 

MDAP/MAIS Code(s):

	1			1					1			
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)	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)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (\$ 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
	(The following	g Resource Sum	mary rows are fo	or informational p	urposes only. Ti	he corresponding	budget request	s are documente	ed elsewhere.)			
Initial Spares (\$ in Millions)	_	_	_	_	_	_	_	_	_	_	_	

	(The following	g Resource Sum	mary rows are fo	or informational p	ourposes only. Th	he corresponding	g budget request	ts are documente	ed elsewhere.)			
Initial Spares (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Flyaway Unit Cost (Units in Thousands)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost (Units in Thousands)	-	-	-	-	-	-	-	-	-	-	-	-

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

#### **Description:**

Total Gross/Weapon System Cost

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

Secondary Dis		ribution	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	1.497	6	0.881		20.522		-		20.522		69.686		66.792		383.879		477.000	
Ite	Item Sched		Prior		rior Vos	Years		FY 2012			FY 2013	3 FY		2014 Ba		FY 2014		OCO F		FY 2014 Total	
					iioi ieai	3		1 1 2012	1		F1 2013		ГТ	2014 Da	ise		2014 O	CO		2014 10	lai
Item Nomeno	clature*	Exhibits	ID	Unit Cost	Qty (Each)		Unit Cost		1	Unit Cost	Qty (Each)	Total Cost		Qty (Each)		Unit Cost	Qty (Each)	1	Unit Cost	Qty (Each)	Total Cost

LI GM0100 - Stryker (Mod) Army

84.573

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60.881

51.497

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20.522

20.522

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

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 01: Tracked Combat Vehicles / BSA 20: Modification Of Tracked Combat Vehicles	P-1 Line Item Nomenclature: GM0100 - Stryker (Mod)	

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

Program Elements for Code B Items: 0603653A

Other Related Program Elements:

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

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

<sup>\*</sup>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** 

LI GM0100 - Stryker (Mod) Army

11

Exhibit P-3A, Individual Modification: PB 2014 Army		Date: April 2013
Appropriation / Budget Activity / Budget Sub Activity:	P-1 Line Item Nomenclature:	Modification Nomenclature
2033A: Procurement of W&TCV, Army / BA 01: Tracked	GM0100 - Stryker (Mod)	(Modification Number - Modification
Combat Vehicles / BSA 20: Modification Of Tracked Combat		Title):
Vehicles		0 - STRYKER MODIFICATION

Models of Systems Affected: V	Type Modi	ification: 0				Related RDT&E PEs:						
Resource Summary	Prior Years	FY 2012	FY 2013 <sup>#</sup>	FY 2014 Base	FY 2014 OCO##	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)	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)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (\$ 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
	(The following	Resource Sum	mary rows are fo	or informational p	ourposes only. Ti	he corresponding	g budget request	s are documente	ed elsewhere.)	,	1	
Initial Spares (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost	-	-	-	-	-	-	-	-	-	-	-	-

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

#### **Description:**

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.

LI GM0100 - Stryker (Mod)

Army

P

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

Exhibit P-3A, Individual Modification: PB 2014 Army

Appropriation / Budget Activity / Budget Sub Activity:

2033A: Procurement of W&TCV, Army / BA 01: Tracked
Combat Vehicles / BSA 20: Modification Of Tracked Combat
Vehicles

Date: April 2013

Modification Nomenclature:
(Modification Number - Modification Title):
0 - STRYKER MODIFICATION

Vehicles									0 - STRY	KER MODI	FICATION	
Models of Systems Affected: VARIOU	JS	Туре	Modification	<b>on:</b> 0			Re	lated RDT	&E PEs:			
	Prior Years	FY 2012  Qty (Each) /	FY 2013	FY 2014 Base	FY 2014 OCO	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total  Qty (Each)
Financial Plan	Qty (Each) / Total Cost (\$ M)		Qty (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
Test Support	0 / 0.206	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- /0
PM Support	0 / 0.141	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- /0
Subtotal Recurring	274 / 7.789	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	274 / 7
Total, Prior Year Completed Mods	274 / 7.789	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	274/7
Mobile Gun System (MGS) Full Materiel Release												
A Kits									,	,	,	
Recurring												
Hardware	0 / 0.000	297 / 2.085	- / -	- / -	- / -	- / -	229 / 3.156	- / -	- / -	- / -	- / -	526 / 5
PM Support	0 / 0.000	- / 0.277	- / -	- / -	- / -	- / -	- /1.087	- / -	- / -	- / -	- / -	- /
Subtotal Recurring	0 / 0.000	297 / 2.362	- / -	- / -	- / -	- / -	229 / 4.243	- / -	- / -	- / -	- / -	526 /
Non-Recurring												
Engineer Support	0 / 0.000	- / 0.281	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- /(
Subtotal Non-Recurring	0 / 0.000	- /0.281	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- /(
Total, Mobile Gun System (MGS) Full Materiel Release	0 / 0.000	297 / 2.643	3 - / -	- / -	- / -	- / -	229 / 4.243	- / -	- / -	- / -	- / -	526/6
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
Program Management Support	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- /1.812	- /2.316	- / 2.357	- /2.096	- / 19.930	- / 28
Subtotal Recurring	0 / 0.000	- / -	- / -	- / -	- / -	- / -	597 / 13.371	848 / 35.974	815 / 36.818	669 / 38.337	2,768 / 194.794	5,697 / 319
Non-Recurring					•			•	•	•	•	,
Engineer Support	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / 0.136	- / -	- / -	- / -	- / -	- /(
Subtotal Non-Recurring	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- /0.136	- / -	- / -	- / -	- / -	- /0
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
Video Display Electronic Terminal (VDET)									-			
A Kits												-

LI GM0100 - Stryker (Mod) Army UNCLASSIFIED
Page 4 of 18

P-1 Line #2

Exhibit P-3A, Individual Modification: PB 2014 Army

P-1 Line Item Nomenclature:

GM0100 - Stryker (Mod)

**Modification Nomenclature** 

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

(Modification Number - Modification

Title):

Date: April 2013

Vehicles

0 - STRYKER MODIFICATION

Models of Systems Affected: VARIOUS Type Modification: 0 Related RDT&E PEs:

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
664 / 19.521	- / -	350 / 9.897	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	1,014 / 29.41
0 / 0.000	- / -	- / 0.676	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 0.67
664 / 19.521	- / -	350 / 10.573	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	1,014 / 30.09
0 / 0.178	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 0.17
0/0.178	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- /0.17
664 / 19.699	- / -	350 / 10.573	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	1,014 / 30.2
		'				'	'				
1.559 / 8.768	633 / 5.845	662 / 6.640	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	2,854 / 21.2
0 / 0.000	- /0.300	- /4.180	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- /4.4
0 / 0.000	- / -	- /4.055	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- /4.0
1,559 / 8.768	633 / 6.145	662 / 14.875	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	2,854 / 29.78
	l			ı	I						
0 / 0.000	- / -	- /5.700	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- /5.70
0/0.000	- / -	- /5.700	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- /5.70
1,559 / 8.768	633 / 6.145	662 / 20.575	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	2,854 / 35.48
,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,			I	I .	I .	1	1				,
1											
2 336 / 26 523	284 / 1 345	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	2,620 / 27.86
						<u> </u>					- / 0.01
		ļ	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	2,620 / 27.88
	284 / 1.345	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	2.620 / 27.88
		1	1			1					
0 / 0 000			_ // 074	_ /	_ // 074	_ // 1/5	_ // 210	_ // 205	_ // 272	_ / 23 160	- / 104.26
0 / 0.000	- / -	- / -	- / 1.307	- / -	- /4.071	- / 4.145		- / 4.295	- / 4.373		- / 104.26
	Qty (Each) / Total Cost (\$ M )  664 / 19.521  0 / 0.000  664 / 19.521  0 / 0.178  0 / 0.178  664 / 19.699  1,559 / 8.768  0 / 0.000  0 / 0.000  1,559 / 8.768  2,336 / 26.523  0 / 0.014  2,336 / 26.537  2,336 / 26.537	Qty (Each) / Total Cost (\$ M)         Qty (Each) / Total Cost (\$ M)           664 / 19.521         - / -           0 / 0.000         - / -           664 / 19.521         - / -           0 / 0.178         - / -           0 / 0.178         - / -           664 / 19.699         - / -           1,559 / 8.768         633 / 5.845           0 / 0.000         - / -           1,559 / 8.768         633 / 6.145           0 / 0.000         - / -           1,559 / 8.768         633 / 6.145           0 / 0.000         - / -           1,559 / 8.768         633 / 6.145           2,336 / 26.523         284 / 1.345           0 / 0.014         - / -           2,336 / 26.537         284 / 1.345           2,336 / 26.537         284 / 1.345	Qty (Each) / Total Cost (\$ M)           664 / 19.521         - / -         350 / 9.897           0 / 0.000         - / -         - / 0.676           664 / 19.521         - / -         350 / 10.573           0 / 0.178         - / -         - / -           0 / 0.178         - / -         - / -           664 / 19.699         - / -         350 / 10.573           1,559 / 8.768         633 / 5.845         662 / 6.640           0 / 0.000         - / -         - / 4.055           1,559 / 8.768         633 / 6.145         662 / 14.875           0 / 0.000         - / -         - / 5.700           0 / 0.000         - / -         - / 5.700           1,559 / 8.768         633 / 6.145         662 / 20.575           2,336 / 26.523         284 / 1.345         - / -           2,336 / 26.523         284 / 1.345         - / -           2,336 / 26.537         284 / 1.345         - / -           2,336 / 26.537         284 / 1.345         - / -	Prior Years         FY 2012         FY 2013         Base           Qty (Each) / Total Cost (\$ M)         Total Cost (\$ M)           664 / 19.521         - / -         350 / 9.897         - / -           0 / 0.000         - / -         - / 0.676         - / -           664 / 19.521         - / -         350 / 10.573         - / -           0 / 0.178         - / -         - / -         - / -           0 / 0.178         - / -         - / -         - / -           664 / 19.699         - / -         350 / 10.573         - / -           1,559 / 8.768         633 / 5.845         662 / 6.640         - / -           0 / 0.000         - / -         350 / 10.573         - / -           1,559 / 8.768         633 / 5.845         662 / 6.640         - / -           0 / 0.000         - / -         - / 4.055         - / -           1,559 / 8.768         633 / 6.145         662 / 14.875         - / -           0 / 0.000         - / -         - / 5.700         - / -           1,559 / 8.768         633 / 6.145         662 / 20.575         - / -           2,336 / 26.523         284 / 1.345	Prior Years         FY 2012         FY 2013         Base         OCO           Qty (Each) / Total Cost (\$ M)         Qt	Prior Years         FY 2012         FY 2013         Base         OCO         Total           Qty (Each) / Total Cost (\$ M )         T	Prior Years   FY 2012   FY 2013   Base   OCO   Total   FY 2015	Prior Years   FY 2012   FY 2013   Base   OCO   Total   FY 2015   FY 2016	Prior Years	Prior Years   FY 2012   FY 2013   Base   OCO   Total   FY 2015   FY 2016   FY 2017   FY 2018	Prior Years   FY 2012   State   COC   Total   FY 2015   FY 2016   FY 2017   FY 2018   Complete   Complete

LI GM0100 - Stryker (Mod) Army

**UNCLASSIFIED** Page 5 of 18

Exhibit P-3A, Individual Modification: PB 2014 Army

P-1 Line Item Nomenclature:

**Modification Nomenclature** 

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

(Modification Number - Modification

GM0100 - Stryker (Mod)

(Modification of the content of the conten

0 - STRYKER MODIFICATION

Vehicles / BSA 20: Modification Of Tracked Comba

Models of Systems Affected: VARIOUS

Type Modification: 0

Related RDT&E PEs:

iodeis of Systems Affected: VARIOUS	>	Type i	viodificatio	on: U			Ke	iated RDT	CE PES.			
	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
Financial Plan	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M )	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M )	Qty (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	- /127.73
Total, Test Fleet Maintenance	0 / 0.000	- / -	- / -	- /5.378	- / -	- /5.378	- /4.508	- /4.798	- /4.884	- /5.072	- /103.090	- /127.73
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	- / 158.30
PM Support	0 / 0.000	- / -	- / -	- / 1.307	- / -	- /1.307	- / 0.363	- / 0.579	- / 0.589	- / 0.699	- / 19.930	- / 23.46
Subtotal Recurring	0 / 0.000	- / -	- / -	- /7.087	- / -	- /7.087	- /6.353	- /6.787	- /7.022	- /7.366	- /147.160	- /181.7
Total, Retrofit Planning and Site Management	0/0.000	- / -	- / -	- /7.087	- / -	- /7.087	- /6.353	- /6.787	- /7.022	- /7.366	- /147.160	- /181.7
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 / 82.4
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	- / 166.1
PM Support	0 / 0.000	- / 1.352	- / -	- / 1.307	- / -	- /1.307	- / 0.363	- / 0.579	- / 0.589	- / 0.699	- / 19.930	- / 24.8
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 / 273.3
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 / 273.3
Engineer Change Proposal (ECP) Retrofit							'					,
A Kits												
Recurring												-
Hardware	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	259 / 235.899	339 / 316.820	- / -	598 / 552.7
PM Support	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 5.075	- / 9.919	- / -	- / 14.99
Fielding	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 11.854	- / 15.853	- / -	- /27.70
Subtotal Recurring	0/0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	259 / 252.828	339 / 342.592	- / -	598 / 595.4
Non-Recurring					1							J.
Labor (Contractor)	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 36.273	- / 13.699	- / -	- /49.9
Subtotal Non-Recurring	0/0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- /36.273	- /13.699	- / -	- /49.9
Total, Engineer Change Proposal (ECP) Retrofit	0/0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	259 / 289.101	339 / 356.291	- / -	598 / 645.3
Double V Hull (DVH) Survivability and Safety Mods		1	1	1	1					1		1
A Kits												
Recurring	_											

LI GM0100 - Stryker (Mod) Army UNCLASSIFIED
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Exhibit P-3A, Individual Modification: PB 2014 Army

b Activity: P-1 Line Item Nomenclature:

GM0100 - Stryker (Mod)

Modification Nomenclature

Appropriation / Budget Activity / Budget Sub Activity: 2033A: Procurement of W&TCV, Army / BA 01: Tracked

(Modification Number - Modification

Combat Vehicles / BSA 20: Modification Of Tracked Combat Vehicles

Title):

Date: April 2013

0 - STRYKER MODIFICATION

Models of Systems Affected: VARIOUS

Type Modification: 0

Related RDT&E PEs:

	<b>.</b>	E)/ 0045	<b>5</b> 1/ 00/16	FY 2014	FY 2014	FY 2014	E)/ 004=	<b>E</b> \( 0045	<b>E</b> \( 004=	<b>E</b> V 0045	То	
	Prior Years	FY 2012	FY 2013	Base	oco	Total	FY 2015	FY 2016	FY 2017	FY 2018	Complete	Total
Financial Plan	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (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

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Exhibit	P-3A,	Indivi	idual	Modi	ication	n: P	B 20	14 Army											Date	: Арі	ril 201	3				
Appropriate 2033A: Formula Combat Vehicles	Procur Vehic	remen	t of W	'&TC\	/, Army	/ / B	A 01:	Tracke	į		<b>Line Iter</b> 10100 - St			ure:					(Moa Title)	lifica: :	tion N tion N	lumbe	er - Mo	odifica		
Models	of Sys	stems	Affe	cted:	VARIC	US			Туре	Mod	ification:	0					Related F	RDT	&E PI	Es:						-
Manufactu	urer Info	ormatio	on: Pri	or Year	Comple	eted	Mods																			
Manufactu	rer Nan	ne: GM	GDLS	Defens	e Group	, L.C	.C.						Manuf	acturer Locati	on: Sterling	Hei	ghts, Michig	an								
Administra	itive Lea	adtime (	(in Mon	ths): 2									Produ	ction Leadtime	(in Months	): 7										
	Dates			FY	2012			FY 201	3		FY 201	4		FY 2015		F	Y 2016			FY	2017			FY	2018	
Contract D	ates																									
Delivery D	ates																									
			<b>.</b>		40									of depot rese	t team and			Nam	٥.							
Installatio	<b>n:</b> Prior	r Year C	omple	ted Mo	ıs				COITE	ctors a	t a governm		-	EV 0044			Installation	IValli	е.					. 1		
Installatio	n: Prior	r Year C	omple	ted Mo		r Yea	ars	FY 2012		2013	FY 2014 Base	F	Y 2014 OCO	FY 2014 Total	FY 2015		FY 2016		Y 201	7	FY 20	018	To		То	otal
Installatio Installatio			omple	ted Mo	<b>Prio</b> Qty	(Each)	)/	Qty (Each) /	FY :	2013 Each) /	FY 2014 Base	. <b>F</b>	Y 2014 OCO ty (Each) /	Total  Qty (Each) /	Qty (Each)	,	<b>FY 2016</b> Qty (Each) /	F	Y 201	)/	Qty (Eac	ch) /	Comp	olete ach)/	Qty (E	Each) /
	n Cost		omple	ted Mo	<b>Prio</b> Qty		) / : M ) To		FY :	2013	FY 2014 Base	. F	Y 2014 OCO	Total		/ M)	FY 2016	F C ) Tota	Y 201	)/ (M) T	Qty (Ead Total Cost	ch) /	Qty (Ea	olete ach)/	Qty (E Total Co	Each) / ost (\$ M )
Installatio	n Cost		omple	ted Mo	Prio Qty Total C	(Each)	.000	Qty (Each) / otal Cost (\$ M	FY : Qty (I Total Co	2013 Each) / ost (\$ M )	FY 2014 Base Qty (Each) , Total Cost (\$ I	, <b>F</b> / Qt // Total	Y 2014 OCO ty (Each) / n/ Cost (\$ M)	Total  Qty (Each) / Total Cost (\$ M)	Qty (Each) Total Cost (\$	/ M )	FY 2016  Qty (Each) / Total Cost (\$ M	F C ) Tota	Y 201 ty (Each)	) / 5 M ) 7	Qty (Eac Total Cost	ch) /	Qty (Ea Total Cos	olete ach) / et (\$ M )	Qty (E Total Co	Each) / ost (\$ M ) 0 / 0.000
<b>Installatio</b> All Prior Years	n Cost		omple	ted Mo	Prio Qty Total C	(Each) Cost (\$	.000 .095	Qty (Each) / otal Cost (\$ M	FY 2 Qty (I Total Co	2013 Each) / ost (\$ M) 0 / 0.000	FY 2014 Base  Oty (Each) / Total Cost (\$ / 0 / 0.0	Qt (M) (Total)	Y 2014 OCO ty (Each) / n/ Cost (\$ M)	Total  Qty (Each) / Total Cost (\$ M)  0 / 0.000	Qty (Each) Total Cost (\$ 0 / 0.	/ M )	FY 2016  Qty (Each) /  Total Cost (\$ M  0 / 0.00	F C ) Tota	ty (Each) 1/ Cost (\$ 0 / 0	) / 5 M ) 7 .000	Qty (Eac Fotal Cost 0 /	ch) / (\$ M ) / 0.000	Comp Qty (Ea Total Cos 0	ach) / et (\$ M) / 0.000	Qty (E Total Co	Each) /
Installatio All Prior Years FY 2012 FY 2013 FY 2014	n Cost		omple	ted Mo	Prio Qty Total C	(Each) Cost (\$ 0 / 0	.000 .005	Oty (Each) / otal Cost (\$ M 0 / 0.00 - / / / -	FY : Qty (I Total Co	2013 Each) / ost (\$ M) 0 / 0.000	FY 2014 Base	( Qt Total	Y 2014 OCO ty (Each) / hl Cost (\$ M)	Total  Qty (Each) / Total Cost (\$ M )  0 / 0.000  - / -  - / -  - / -	Qty (Each) Total Cost (\$ 0 / 0.  - / - /	/ M ) 000	FY 2016  Qty (Each) / Total Cost (\$ M	F C ) Tota	ty (Each) of Cost (\$ 0 / 0 - / - /	) / 7 .000	Qty (Eac Total Cost 0 / - -	ch) / (\$ M ) / 0.000 / - / -	Comp  Oty (Ea  Total Cos  0  -	ach) / et (\$ M) / 0.000 / - / -	Qty (E Total Co	Each) / ost (\$ M ) 0 / 0.000 74 / 0.095 - / -
Installatio All Prior Years FY 2012 FY 2013 FY 2014 FY 2015	n Cost		ompie	ted Mo	Prio Qty Total C	(Each) Cost (\$ 0 / 0. 274 / 0. 0 / 0. 0 / 0.	.000 .095 .000 .000	Oty (Each) / otal Cost (\$ M	FY : Qty (I Total Co	2013 Each) / ost (\$ M) 0 / 0.000	FY 2014 Base Qty (Each). Total Cost (\$ 1 0 / 0.0	Qt Total	FY 2014 OCO ty (Each) / If Cost (\$ M ) - / - - / - - / - - / -	Total  Qty (Each) / Total Cost (\$ M )  0 / 0.000  - / -  - / -  - / -	Qty (Each) Total Cost (\$ 0 / 0 / - / - /	/ M ) 000 - - -	FY 2016  Qty (Each) / Total Cost (\$ M 0 / 0.00	F C ) Tota	FY 2011  tty (Each, al Cost (\$0 - / - / - / - / - / - / - / - / - / -	.000 - - -	Qty (Eac Total Cost 0 / - -	ch) / (\$ M) / 0.000 / - / - / -	Comp  Qty (Ea Total Cos  0	Diete ach) / et (\$ M) / 0.000 / - / - / - / -	Qty (E Total Co	Each) / ost (\$ M) 0 / 0.000 74 / 0.095 - / / -
Installatio All Prior Years FY 2012 FY 2013 FY 2014 FY 2015 FY 2016	n Cost		ompie	ted Mo	Prio Qty Total C	(Each) Cost (\$ 0 / 0. 274 / 0. 0 / 0. 0 / 0. 0 / 0.	.000 .000 .000 .000 .000 .000 .000 .00	Qty (Each) / otal Cost (\$ M	FY 2 Qty (I Total Co	2013 Each) / ost (\$ M ) 0 / 0.000 - / / / / / / - / -	FY 2014 Base Qty (Each), Total Cost (\$ 1 0 / 0.0	Qt   Total	FY 2014 OCO ty (Each) / If Cost (\$ M ) - / - - / - - / - - / - - / -	Total  Qty (Each) / Total Cost (\$ M )  0 / 0.000  - / -  - / -  - / -  - / -  - / -	Qty (Each) Total Cost (\$ 0 / 0.  - / - / - / - / - /	/ M ) DOO - - - -	FY 2016  Qty (Each) / Total Cost (\$ M	F C ) Tota	FY 201' ty (Each; h/ Cost (\$ 0 / 0 - / - / - / - /	) / 7.000	Qty (Eac Total Cost 0 / - - - -	ch) / (\$ M ) / (0.000 / - / - / - / - / - / - / - / - / -	Comp  Oty (Ea Total Cos  O	Diete   Cach   /	Qty (E Total Co	Each) / ost (\$ M) 0 / 0.000 74 / 0.095 - / / / -
Installatio All Prior Years FY 2012 FY 2013 FY 2014 FY 2015 FY 2016 FY 2017	n Cost		ompie	ted Mo	Prio Qty Total C	(Each) Cost (\$ 0 / 0. 274 / 0. 0 / 0. 0 / 0. 0 / 0. 0 / 0.	0 / M / To .000 .005 .000 .000 .000 .000 .000 .00	Qty (Each) / total Cost (\$ M	FY : Qty (I Total CC	2013 Each) / ost (\$ M ) 0 / 0.000 - / / / / / / / -	FY 2014 Base Qty (Each), Total Cost (\$ 1 0 / 0.0 - / / / / /	Gt   Gt   Gt   Gt   Gt   Gt   Gt   Gt	FY 2014 OCO ty (Each) / If Cost (\$ M ) - / - - / - - / - - / - - / - - / - - / -	Total  Qty (Each) / Total Cost (\$ M )  0 / 0.000  - / -  - / -  - / -  - / -  - / -  - / -  - / -	Qty (Each) Total Cost (\$ 0 / 0.  - / - / - / - / - / - /	/ M ) 000 - - - -	FY 2016  Qty (Each) / Total Cost (\$ M	F C ) Tota	FY 201  ty (Each, al Cost (\$ 0 / 0 - / - / - / - / - / - / - / - / -	) / (	Qty (Eac Total Cost 0 / - - - -	ch) / (\$ M ) / 0.000 / - / - / - / - / - / - / - / - / -	Comp Oty (Ea Total Cos O	ach) / t (\$ M) / 0.000 / - / - / - / - / - / - / - / - / -	Qty (E Total Co	Each) / ost (\$ M ) 0 / 0.000 (74 / 0.095 - / - / - / / / / / / / / / / / -
Installatio All Prior Years FY 2012 FY 2013 FY 2014 FY 2015 FY 2016 FY 2017 FY 2018	n Cost		ompie	ted Mo	Prio Qty Total C	(Each) Cost (\$ 0 / 0 274 / 0 0 / 0 0 / 0 0 / 0 0 / 0 0 / 0	0 / M / To .000 .000 .000 .000 .000 .000 .000 .	Qty (Each) / total Cost (\$ M	FY : Qty (I ) Total Co	2013 Each) / sst (\$ M) 0 / 0.000 - / / / /	FY 2014 Base Qty (Each), Total Cost (\$ 1 0 / 0.0 - / / / / / /	Gt	FY 2014 OCO ty (Each) / Il Cost (\$ M ) - / - - / -	Total  Qty (Each) / Total Cost (\$ M )  0 / 0.000  - / -  - / -  - / -  - / -  - / -  - / -  - / -  - / -	Qty (Each) Total Cost (\$ 0 / 0.  - / - / - / - / - / - / - / - / - /		FY 2016  Qty (Each) / Total Cost (\$ M	F C ) Tota	FY 201  ty (Each, of Cost (\$ 0 / 0   - / - / - / - / - / - / - / - / - / -	) / (i M ) 7 .000	Qty (Eac Fotal Cost 0 / - - - -	ch) / (\$M) / 0.000 / - / - / - / - / - / -	Comp  Qty (Ee Total Cos 0	ach) / t (\$ M) / 0.000 / - / - / - / - / - / - / - / - / / / - / / / - / / / - / / / - / / / - / / / - / / / - / / / - / / / - / / / - / / / - / / / - / / / - / / / - / / / - / / / / - /	Qty (ETotal Co	Each) / post (\$ M ) 0 / 0.000 74 / 0.095 - / - / / - / / - / / - / / - / / - / / - / / - / / - / / - / / - / / - / / - / / - / / - / / - / - / / - / / - / / - / / - / / - / / - / - / / - / / - / / - / / - / / - / / - / - / / - / / - / / - / / - / / - / / - / - / / - / / - / / - / / - / / - / - / / - / - / / - / / - / - / / -
Installatio All Prior Years FY 2012 FY 2013 FY 2014 FY 2015 FY 2016 FY 2017	n Cost		ompie	ted Mod	Prio Oty Total (	(Each) Cost (\$ 0 / 0. 274 / 0. 0 / 0. 0 / 0. 0 / 0. 0 / 0.	0 / M / 70 .000 .005 .000 .000 .000 .000 .000 .00	Qty (Each) / total Cost (\$ M	FY : Qty (I ) Total Co	2013 Each) / ost (\$ M ) 0 / 0.000 - / / / / / / / -	FY 2014 Base Qty (Each), Total Cost (\$ 1 0 / 0.0 - / / / / /	Gt   Gt   Gt   Gt   Gt   Gt   Gt   Gt	FY 2014 OCO ty (Each) / If Cost (\$ M ) - / - - / - - / - - / - - / - - / - - / -	Total  Qty (Each) / Total Cost (\$ M )  0 / 0.000  - / -  - / -  - / -  - / -  - / -  - / -  - / -	Qty (Each) Total Cost (\$ 0 / 0.  - / - / - / - / - / - /		FY 2016  Qty (Each) / Total Cost (\$ M	F C ) Tota	FY 201  ty (Each, al Cost (\$ 0 / 0 - / - / - / - / - / - / - / - / -	-	Qty (Eac Total Cost 0 / - - - - -	ch) / (\$ M ) / 0.000 / - / - / - / - / - / - / - / - / -	Comp  Qty (Ea Total Cos  0	ach) / t (\$ M) / 0.000 / - / - / - / - / - / - / - / - / -	Qty (E Total Co	Each) / post (\$ M ) 0 / 0.000 (74 / 0.09s - / - / - / / - / / - / / / - / / / - / / - / / - / / - / / - / / - / / / / / / / / / / / / - / / / / / / / / / / / - / / / / / / / / / / / - / / / / / / / / / / / - / -
Installatio All Prior Years FY 2012 FY 2013 FY 2014 FY 2015 FY 2016 FY 2017 FY 2018 To Complete	n Cost		omple	ted Mod	Prio Oty Total (	(Each) Cost (\$ 0 / 0 274 / 0 0 / 0 0 / 0 0 / 0 0 / 0 0 / 0 0 / 0 0 / 0	0 / M / 70 .000 .005 .000 .000 .000 .000 .000 .00	Qty (Each) / total Cost (\$ M	FY : Qty (I ) Total Co	2013 Each) / sst (\$ M) 0 / 0.000	FY 2014 Base  Qty (Each), Total Cost (\$ 1  0 / 0.0  - /  - /  - /  - /  - /  - /  - /  - /  - /	Gt   Gt   Gt   Gt   Gt   Gt   Gt   Gt	FY 2014 OCO ty (Each) / ty (Cost (\$ M ) - / - - / -	Total  Qty (Each) / Total Cost (\$ M )  0 / 0.000  - / -  - / -  - / -  - / -  - / -  - / -  - / -  - / -  - / -  - / -	Qty (Each) Total Cost (\$ 0 / 0.  - / - / - / - / - / - / - / - / - / -		FY 2016  Qty (Each) / Total Cost (\$ M	F C ) Tota	FY 201  ty (Each)  l Cost (\$  0 / 0  - /  - /  - /  - /  - /  - /  -	-	Qty (Eac Total Cost 0 / - - - - -	(ch) / (\$M) / 0.000 / - / - / - / - / - / - / - / - / -	Comp  Qty (Ea Total Cos  0	blete ach) /  t (\$ M) / 0.000 / - / - / - / - / - / - / - / - / - / -	Qty (E Total Co	Each) / post (\$ M ) 0 / 0.000 (74 / 0.09s - / - / - / / - / / - / / / - / / / - / / - / / - / / - / / - / / - / / / / / / / / / / / / - / / / / / / / / / / / - / / / / / / / / / / / - / / / / / / / / / / / - / -
Installatio All Prior Years FY 2012 FY 2013 FY 2014 FY 2015 FY 2016 FY 2017 FY 2018 To Complete Total	n Cost	edule	2012	ted Mod	Prio Oty Total (	(Each) Cost (\$ 0 / 0 274 / 0 0 / 0 0 / 0 0 / 0 0 / 0 0 / 0 0 / 0 0 / 0	.000	Qty (Each) / total Cost (\$ M	FY : Qty (I) Total Co	2013 Each) / sst (\$ M) 0 / 0.000	FY 2014 Base  Qty (Each), Total Cost (\$ 1  0 / 0.0  - /  - /  - /  - /  - /  - /  - /  - /  - /	F   Qt   Total   Tot	FY 2014 OCO ty (Each) / ty (Cost (\$ M ) - / - - / -	Total  Qty (Each) / Total Cost (\$ M )  0 / 0.000  - / -  - / -  - / -  - / -  - / -  - / -  - / -  - / -  - / -  - / -	Qty (Each) Total Cost (\$ 0 / 0.  - / - / - / - / - / - / - / - / - / -		FY 2016  Qty (Each) / Total Cost (\$ M	F C ) Tota	FY 201"  ty (Each of Cost (\$ 0 / 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	-	Qty (Eac Total Cost 0 / - - - - -	ch) / (\$ M) / (0.000 / - / - / - / - / - / - / - / - / -	Comp  Qty (Ea Total Cos  0	blete ach) /  t (\$ M) / 0.000 / - / - / - / - / - / - / - / - / - / -	Qty (E Total Co	Each) / post (\$ M ) 0 / 0.000 74 / 0.095 -
Installatio All Prior Years FY 2012 FY 2013 FY 2014 FY 2015 FY 2016 FY 2017 FY 2018 To Complete Total	n Cost	edule		ted Mod	Prio Oty Total (	(Each) Cost (\$ 0/0 274/0 0/0 0/0 0/0 0/0 0/0 0/0 0/0 274/0	.000	Qty (Each) / total Cost (\$ M	FY : Qty (I) Total Co	2013 Each) / St (\$ M) 0 / 0.000 - / - / - / - / - / - / - / - / - / - /	FY 2014 Base  Qty (Each), Total Cost (\$ 1  0 / 0.0  - /  - /  - /  - /  - /  - /  - /  - /  - /		FY 2014 OCO  ty (Each) /	Total  Qty (Each) / Total Cost (\$ M )  0 / 0.000  - / -  - / -  - / -  - / -  - / -  - / -  - / -  - / -  - / -  - / -	Qty (Each) Total Cost (\$ 0 / 0 / - / - / - / - / - / - / - / - / - /		FY 2016  Qty (Each) / Total Cost (\$ M	F C Total	FY 201"  ty (Each of Cost (\$ 0 / 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	-	Qty (Eac Total Cost 0 / - - - - -	ch) / (\$ M) / (0.000 / - / - / - / - / - / - / - / - / -	Comp Qty (Ea Total Cos 0 - - - - - -	blete ach) /  t (\$ M) / 0.000 / - / - / - / - / - / - / - / - / - / -	Qty (E Total Co	Each) / ost (\$ M , 0 / 0.000 (\$ - / - / / - / / - / / - / -
Installatio All Prior Years FY 2012 FY 2013 FY 2014 FY 2015 FY 2016 FY 2017 FY 2018 To Complete Total Installatio	on Cost	edule FY	2012		Prio Oty Total (	(Each) Cost (\$ 0/0 274/0 0/0 0/0 0/0 0/0 0/0 0/0 0/0 FY 2		Qty (Each) / total Cost (\$ M	FY Oty (I) Total Co	2013 Each) / sst (\$ M ) 0 / 0.000 /	FY 2014 Base Qty (Each), Total Cost (\$ 1 0 / 0.0	F QtM / Total	FY 2014 OCO ty (Each) / ty (Ea	Total  Oty (Each) / Total Cost (\$ M )  0 / 0.000  - / -  - / -  - / -  - / -  - / -  - / -  - / -  - / -  - / -  - / -  - / -  - / -  - / -  - / -	Qty (Each) Total Cost (\$ 0 / 0.  - / - / - / - / - / - / - / - / - / -		FY 2016  Qty (Each) / Total Cost (\$ M	FY 2	EY 201"  ty (Each of Cost (\$ 0 / 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0		Qty (Eac otal Cost	ch) / (\$ M) / (0.000 / - / - / - / - / - / - / - / - / -	Comp Oty (Ee Total Cos 0	Diete   Color   Colo	Qty (E Total Co	Each) / ost (\$ M ) 0 / 0.000 (74 / 0.098 - / - / - / - / - / - / - / - / - / -

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Exhibit P-3A, Indiv	idual Modifi	cation: PB	2014 Army							Date: A	pril 2013		
Appropriation / Bu 2033A: Procuremen Combat Vehicles / I Vehicles	nt of W&TCV,	Army / BA	01: Tracked	GN	<b>1 Line Item</b> I M0100 - Stryl					(Modification):		enclature er - Modifica DIFICATION	ation
Models of System	s Affected: V	ARIOUS		Type Mod	dification: 0				Related RI	DT&E PEs:			
Manufacturer Informat	ion: Mobile Gun	System (MG	S) Full Materie	l Release					1				
Manufacturer Name: GN	/I GDLS Defense	Group, L.L.C				Ma	anufacturer Location	n: Sterling He	ights, Michigar				
Administrative Leadtime	(in Months): 3					Pro	oduction Leadtime	(in Months): 4	ļ				
Dates	FY 20	12	FY 2013	3	FY 2014		FY 2015		FY 2016	F	Y 2017	FY	2018
Contract Dates	Apr 20	)13					Jan 2015						
Delivery Dates	Aug 20	013					May 2015						
Delivery Dates  Installation: Mobile Gur			elease	Method of I	mplementation	n: Prime Co	· 		Installation N	lame:			
· 		Full Materiel F	FY 2012	FY 2013	FY 2014 Base	FY 2014 OCO	ontractor 4 FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total
· 		Full Materiel F	FY 2012  Qty (Each) /		FY 2014 Base	FY 2014	ontractor  4 FY 2014 Total	FY 2015  Qty (Each) / Total Cost (\$ M )			FY 2018  Oty (Each) / Total Cost (\$ M )	_	Qty (Each) /
Installation: Mobile Gur		Full Materiel F Prior Years  Qty (Each) /	FY 2012  Qty (Each) / Total Cost (\$ M )	FY 2013  Qty (Each) /	FY 2014 Base  Qty (Each) / Total Cost (\$ M )	FY 2014 OCO Qty (Each)	ontractor  4	Qty (Each) /	FY 2016  Qty (Each) /	<b>FY 2017</b> Qty (Each) /	Qty (Each) /	Complete  Qty (Each) /	Qty (Each) / Total Cost (\$ M)
Installation: Mobile Gur		Full Materiel F Prior Years Qty (Each) / Total Cost (\$ M	FY 2012  Qty (Each) / Total Cost (\$ M ) 0 0 / 0.000	FY 2013  Qty (Each) / Total Cost (\$ M)	FY 2014 Base  Qty (Each) / Total Cost (\$ M )	FY 2014 OCO Qty (Each) Total Cost (\$	ontractor  4	Qty (Each) / Total Cost (\$ M )	FY 2016  Qty (Each) / Total Cost (\$ M)	FY 2017  Qty (Each) / Total Cost (\$ M )	Qty (Each) / Total Cost (\$ M )	Complete  Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)
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Installation: Mobile Gur Installation Cost All Prior Years FY 2012		Prior Years  Oty (Each) / Total Cost (\$ M 0 / 0.00	FY 2012  Qty (Each) / Total Cost (\$ M ) 0 0 / 0.000 0 - / - 0 297 / 3.833	FY 2013  Qty (Each) / Total Cost (\$ M , 0 / 0.000	FY 2014 Base  Oty (Each) / Total Cost (\$ M )  0 0 / 0.000  - / -	FY 2014 OCO Qty (Each) Total Cost (\$ - /	Ontractor  4	Qty (Each) / Total Cost (\$ M )	FY 2016  Qty (Each) / Total Cost (\$ M)  0 / 0.000  - / -	FY 2017  Qty (Each) / Total Cost (\$ M )  0 / 0.000  - / -	Qty (Each) / Total Cost (\$ M ) 0 / 0.000	Omplete  Qty (Each) / Total Cost (\$ M )  0 / 0.000  - / -	Qty (Each) / Total Cost (\$ M ) 0 / 0.000
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			Individual Modification: PB 2014 Army																												
Exhib	it P-3	BA, In	ndivi	dual	Modi	ficati	on: P	B 20	014 Arm	ıy														Date	: Apr	ril 201	3				
2033/	: Prod at Vel	curer	ment	of V	V&TC	V, Arr	ny / B	A 01	ub Activ 1: Track acked C	ed			<b>Line</b>   0100 -				ure:							(Mod Title)	dificat ):	tion N tion N KER N	umb	er - M	odific		
Mode	s of S	Syste	ems	Affe	cted:	VAR	IOUS				Type I	/lodi	fication	on: 0							Re	elated R	DT	&E P	Es:						
Manufa	cturer	r Infori	ems Affected: VARIOUS Type Modification: 0 mation: Video Display Electronic Terminal (VDET)																												
Manufa	cturer N	Name:	: GM (	ation: Video Display Electronic Terminal (VDET)  GM GDLS Defense Group, L.L.C  Manufacturer Location: Sterling Heigh										s, Michiga	an								-								
Admini	trative	Leadt	time (i	in Moi	nths): 1											Produ	ction I	Leadtime	e (in N	/onths):	7										
	Date	es			FY	2012			FY 2	013			FY	2014			FY	2015			FY	2016			FY	2017			FY	2018	
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						Pi	rior Yea	ırs	FY 201	2	FY 20	13	FY 2 Ba			2014 CO	I	' 2014 「otal	FY	/ 2015	ı	FY 2016	F	Y 201	7	FY 20	18	Tom <sub>l</sub>	-	To	otal
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<b>Installa</b> All Prior Y		ost					Qty (Each)	/ M)	Qty (Each)	) / (M)	Qty (Eac Total Cost	ch) /	Qty (E Total Co.	se ach) /	Qty (I	CO Each) /	Qty	Total (Each) /	Qty	(Each) /	) Tota	Qty (Each) /	Q Tota	ty (Each	) /	Qty (Eac	ch) /	Qty (E Total Cos	plete ach) /	Qty (I Total Co	(Each) / cost (\$ M
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All Prior Y FY 2012 FY 2013 FY 2014 FY 2015 FY 2016 FY 2017 FY 2018 To Compi Total Installa	ears	chedu	FY 2		4 -	Tot	Oty (Each) At (Cost (\$ 664 / 0	,461 ,000 ,000 ,000 ,000 ,000 ,000 ,000 ,0	Oty (Each) Total Cost (\$ 0 / 0 - / - / - / - / - / - / - / - / - / - /	.000 	Oty (Eac Total Cost Total Cost	ch) / (\$ M) / (0.000 / - 0.227 / - / - / - / - / - / - / - / 2014	Ba Qty (E Total Co-	se sach) / st (\$ M ) 0 / 0.000 / - / - / - / - / - / - / - / - / -	On Otty (I Total Co	Each) / sst (\$ M) / / / /	Otty Total (	(Each) / (Cost (\$ M ) 0 / 0.000	Qty Total	(Each) / Cost (\$ M	CC Total	Oty (Each) / al Cost (\$ M ) 0 / 0.000 -	Total	ty (Each // Cost (\$ 0 / C - / - / - / - / - / - / - / - /	) / 5 M ) 7 D.000	Oty (Eac Total Cost	ch) / (\$ M) / (\$ M) / (0.000 / - / - / - / - / - / - / - / - / -	Comj Qty (E Total Cox ( - - - - - - - - - - - -	plete ach) / st (\$ M) 0 / 0.000 / - / - / - / - / - / - / - / - / - / -	Oty (I Total Co	(Each) / lost (\$ M 64 / 0.46 - / - 50 / 0.22 - / - / - / - / - / - / - / - / - / -

LI GM0100 - Stryker (Mod) Army UNCLASSIFIED
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P-1 Line #2

20

Exhi	bit P-3	3A, Ir	ndivi	dual M	odific	ation: P	B 2014 Ar	my											Date	: Ap	ril 201	3				
2033	A: Pro bat Ve	cure	ment	of W&	TCV,	Army / B	et Sub Act A 01: Trac of Tracked	cked		l	<b>Line Item</b> 0100 - Stry		ature	1					(Mod Title	difica ):	ation Nation N	umbe	er - Mo	odifica		
Mod	els of	Syst	ems	Affect	ed: V	ARIOUS			Type N	/lodi	fication: 0						Relate	d RI	T&E P	Es:						
Manu	facturer	r Infor	rmatio	n: C4I O	bsoles	cence and	Next Gener	ratior	Items																	_
Manuf	acturer	Name	: GM (	GDLS De	efense (	Group, L.L.	C.					Mar	nufactu	rer Locati	on: Sterl	ng Hei	ghts, Mic	higan	l							_
Admin	istrative	e Lead	Itime (i	in Month	s): 1							Pro	duction	Leadtime	e (in Mor	hs): 7										
	Date	es			FY 201	12	FY	2013			FY 2014		FY	2015			FY 2016			FY	2017		T	FY	2018	
Contra	act Date	es			Feb 20	12	Oct	t 2013																		
Delive	ry Dates	s			Sep 20	12	Мау	y 2014	1																	
								1			plementation		on or a	opot root	t touill a	·~										
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			osoles	cence ar	nd Next	Prior Yea	ars FY 20	ch) /	FY 20	ors at 13 ch) /	FY 2014 Base  Qty (Each) /	FY 2014 OCO	F	Y 2014 Total	FY 2	15 ch) /	FY 20 Qty (Eac	<b>16</b>	FY 201	n) /	FY 20	ch) /	Comp Qty (Ea	olete ach) /	Tot	Each)
Instal	lation C		bsoles	cence ar	nd Next	Prior Yea  Qty (Each) Total Cost (\$	Ars FY 20  Of Qty (Each M) Total Cost	ch) /	FY 20 Qty (Eac	ors at 13 ch) / (\$ M)	a governmen  FY 2014  Base  Qty (Each) /  Total Cost (\$ M )	FY 2014 OCO Qty (Each) Total Cost (\$ I	F Qt Л) Total	Y 2014 Total y (Each) / ' Cost (\$ M)	FY 2	15 ch) / (\$ M)	FY 20 Qty (Eac	16 h) / (\$ <i>M</i> )	FY 201  Qty (Each	n) / \$ M )	Qty (Eac Total Cost	ch) / (\$ M )	Qty (Ea Total Cos	ach) /	Qty (Ea	Each)
<b>Instal</b> l All Prior	lation C		bsoles	cence ar	nd Next	Prior Yea	Ars FY 20  / Qty (Eac	ch) /	FY 20 Qty (Eac Total Cost	ors at 13 ch) /	FY 2014 Base  Qty (Each) /	FY 2014 OCO	F Qt Total	Y 2014 Total	FY 2	15 ch) /	FY 20 Qty (Eac	<b>16</b>	FY 201  Qty (Each	n) / \$ <i>M</i> )	Qty (Eac Total Cost	ch) /	Qty (Ea Total Cos	olete ach) /	Qty (Ea Total Cos	Each) ost (\$ i9 / 0
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Total							0/0	.000	- /	-	-	/ -	-	1 -	-	/ -		- / -		- /	-	- /	-	-	/ -		/ -		- / -		- / -
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-	allation	Sched	Juie												FY :	2015			FY	2016			FY	2017			FY	Y 20	18		
-	allation	Sched		2012			FY 2	2013			FY	2014	_																		
-	APY	Sched 1		2012	4	1	FY 2	2013	4	1	FY 2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2		3 4	тс	Tot
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Exhibit P-3A, Individual Modification: PB 2014	Army			Date: April 2013
Appropriation / Budget Activity / Budget Sub A 2033A: Procurement of W&TCV, Army / BA 01: Tr Combat Vehicles / BSA 20: Modification Of Tracket Vehicles	acked	P-1 Line Item Nomenclature: GM0100 - Stryker (Mod)		Modification Nomenclature (Modification Number - Modification Title): 0 - STRYKER MODIFICATION
Models of Systems Affected: VARIOUS	Туре	Modification: 0	Related R	DT&E PEs:
Manufacturer Information: Training Aids, Devices, Simulate	ors and Simul	lations		
Manufacturer Name: Rockwell Collins Simulation & Training	•	Manufacturer Location	Cedar Rapids, Iowa	

Manufacturer Name: Ro	ckwell Collins Simulation & T	Fraining		Manufacturer Location: C	edar Rapids, Iowa		
Administrative Leadtime	(in Months): 1			Production Leadtime (in I	Months): 7		
Dates	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018
Contract Dates	Nov 2013	Oct 2012		Oct 2014	Oct 2015		
Delivery Dates	Jun 2014	May 2013		May 2015	May 2016		

Installation: Training Aids, Devices, Simu	lators and Sim	ulations	Method of Im	plementation	: Depot Field	Team		Installation N	lame:			
	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
Installation Cost	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M )	Qty (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	- / -	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

#### Installation Schedule

1010		000	u																												
			FY 2	2012			FY 2	2013			FY 2	2014			FY 2	2015			FY 2	2016			FY 2	2017			FY 2	:018			
	APY	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	тс	Tot
In	-	-	-	-	-	-	-	22	-	-	-	1	-	-	-	3	-	-	-	1	-	-	-	-	-	-	-	-	-	-	27
Out	-	-	-	-	-	-	-	-	22	-	-	-	1	-	-	-	3	-	-	-	1	-	-	-	-	-	-	-	-	- 1	27

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																				_						
Exn	bit P-	3A, I	ndivi	dual	Modif	cation:	PB 2	2014 Arm	ıy											Date:	Apr	il 2013				
2033	A: Probat Ve	ocure	ement	of W	&TCV	Army /	BA (	<b>Sub Activ</b> 01: Track racked C	ed	GI	_		Nomencla ker (Mod)	ature:						(Modin	ficat	tion Nun	nbei	nclature r - Modific		
Mod	els of	Sys	tems	Affe	cted: \	/ARIOU	S		1	Гуре Мо	dification	<b>on:</b> 0						Relate	d RD	T&E PE	s:					
Manu	facture	r Info	rmatic	n: En	gineer C	hange P	opos	al (ECP) R	etrofi	it																
Manu	facturer	Name	e: GM	GDLS	Defense	Group, L	.L.C						Man	ufactur	er Locatio	n: Sterl	ing He	ights, Mic	higan							
Admii	nistrative	e Lead	dtime (	in Mon	ths): 3								Prod	luction	Leadtime	(in Mor	ths): 1									
	Dat	es			FY 2	012		FY 2	013		FY	2014		FY	2015			FY 2016			FY	2017		FY	2018	
Contr	act Date	es																			May	2017		Jun	2018	
Delive	ry Date	es																			Jun	2017		Jul	2018	
Insta	lation:	Fngin	eer Ch	iange l	Proposa	(ECP) R	etrofit						: Prime Con		and depo	t team t	0	Installat	ion Na	me:						
mota	iatioiii			iango i	Тороса	(201)10	J. 10111		<u> </u>	7100000 110		ia pono	TITI IIIOtaliati	···				ota.ia								
						Prior \	ears	FY 201	2	FY 2013		2014 ise	FY 2014 OCO	- 1	Y 2014 Total	FY 2	015	FY 20	16	FY 2017		FY 2018		To Complete	To	otal
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Insta		Cost				Qty (Ea	ach) /	_	)/ SM) 7		Qty (E Total Co	se	осо	Qty	Total	Qty (Ea	ach) /	Qty (Eac Total Cost	h) /		1) To		1) To	Complete	Qty (E Total Co.	Each) / ost (\$ M
	Years	Cost				Qty (Ea	ach) / t (\$ M )	Qty (Each)	) / S M ) 7	Qty (Each) / Total Cost (\$ M	Qty (E Total Co	Each) /	Qty (Each) / Total Cost (\$ M	Qty 7 Total	Total / (Each) / Cost (\$ M)	Qty (Ea Total Cos	ach) / t (\$ M )	Qty (Eac Total Cost	n) / (\$ <i>M</i> ) To	Qty (Each) / otal Cost (\$ A	1) To	Qty (Each) / otal Cost (\$ M	<i>(1)</i> TO	Complete  Qty (Each) / Total Cost (\$ M)	Qty (E Total Co.	Each) / ost (\$ M
All Prior FY 201 FY 201	Years 2	Cost				Qty (E: Total Cos	ach) / t (\$ M) / 0.000 / 0.000	Qty (Each Total Cost (\$ 0 / 0 - /	) / 5 M ) 7 .000	Qty (Each) / Total Cost (\$ M	Qty (E Total Co	Each) / pst (\$ M ) 0 / 0.000	OCO  Qty (Each) /  Total Cost (\$ M -	Qty Total	Total (Each) / Cost (\$ M) 0 / 0.000 - / / -	Qty (Ea Total Cos 0	ach) / t (\$ M ) / 0.000 / -	Qty (Eac Total Cost 0 /	n) / \$ M ) To 0.000	Qty (Each) / otal Cost (\$ \( \) \( \	M) To	Qty (Each) / otal Cost (\$ N 0 / 0.0 - / -	00 .	Omplete  Qty (Each) / otal Cost (\$ M)  0 / 0.000  - / -  - / -	Qty (E Total Co.	Each) / pst (\$ M 0 / 0.00
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All Prior FY 201 FY 201 FY 201 FY 201	Years 2 3 4	Cost				Qty (E: Total Cos	ach) / t (\$ M) / 0.000 / 0.000 / 0.000 / 0.000	Qty (Each; Total Cost (\$ 0 / 0 - / - / - / - /	) / 5 M ) 7 .000 - - -	Qty (Each) / Total Cost (\$ M 0 / 0.00 - / / / / / -	Ba Oty (E Total Co	Each) / sst (\$ M ) 0 / 0.000 - /	OCO  Qty (Each) / Total Cost (\$ M  -	Qty Total	Total  ((Each) / Cost (\$ M)  0 / 0.000  - / -  - / -  - / -  - / -	Qty (Ea Total Cos 0 - -	ach) / t (\$ M) / 0.000 / - / - / - / -	Qty (Eac Total Cost	n) / \$ M ) To 0.000   / -     / -     / -   / -   / -   / -	Qty (Each) / Total Cost (\$ \( \) \(	M) To	Oty (Each) / fotal Cost (\$ N 0 / 0.0 - / / / / -	000	Complete  Qty (Each) / otal Cost (\$ M)  0 / 0.000  - / -  - / -  - / -	Qty (E Total Co.	Each) / ost (\$ M o / 0.00 - / / / / / / - /
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All Prior FY 201 FY 201 FY 201 FY 201 FY 201	Years 2 3 4 5 5 6 7 3 8	Cost				Qty (E: Total Cos	ach) / t (\$ M) / 0.000 / 0.000 / 0.000 / 0.000 / 0.000 / 0.000 / 0.000 / 0.000 / 0.000	Qty (Each; Total Cost (\$ 0 / 0 - / - / - / - / - / - / - / - / - /	) / (5 M ) 7 .000	Oty (Each) / Total Cost (\$ M 0 / 0.00 - / / / / / / / / / / / / / / / / - / - / / / / / / / / / / / - / / / / / / / / / / / - / / / / / / / / / / / - / / / / / / / / / / / - / / / / / / / / / / / - / / / / / / / / / / / - / / / / / / / / / / / - / / / / / / - / / / / - / - / / / / / / / / / / / - / - / / / / / / / / / / / - / / / / / / / / - / / / / - / / / / / / / / / /	Ba Oty (E Total Co	Each) / ost (\$ M) 0 / 0.000 / - / - / - / - / - / - / - / - / -	OCO  Qty (Each) / Total Cost (\$ M -	Qty Total	Total  / (Each) / Cost (\$ M )  0 / 0.000  - / / / / / / / -	Qty (Ea Total Cos 0	ach) / t (\$ M) / 0.000 / - / - / - / - / -	Qty (Eac Total Cost 0 / - - - -	n) / TO O.000	Qty (Each) / otal Cost (\$ \( \) \( \	M) To	Qty (Each) / fotal Cost (\$ N 0 / 0.0 - / / / / / / / / / / / / / / / - / - / / / / / / / / / / / - / / / / / / / / / / / -	00 00 00 00 00 00 00 00 00 00 00 00 00	Complete  Oty (Each) / otal Cost (\$ M )  0 / 0.000  - / -  - / -  - / -  - / -  - / -  - / -	Qty (E Total Co	Each) / ost (\$ M , 0 / 0.000 - / - / / / / / / / - 6 / 10.136
All Prior FY 201	Years 2 3 4 5 5 6 7 3 8	Cost				Oty (E: Total Cost	ach) / t (\$ M) / 0.000 / 0.000 / 0.000 / 0.000 / 0.000 / 0.000 / 0.000 / 0.000 / 0.000 / 0.000 / 0.000 / 0.000	Qty (Each; Total Cost (\$ 0 / 0 - / - / - / - / - / - / - / - / - / - /	.000 	Oty (Each) / Total Cost (\$ M 0 / 0.00	Ba   Qty (E   Total Co   Oto   Co   Co   Co   Co   Co   Co   Co	Each) / sst (\$ M ) 0 / 0.000	OCO  Qty (Each) / Total Cost (\$ M / / /	Qty Total	Total  / (Each) / Cost (\$ M )  0 / 0.000  - / / / / / / / / / / -	Qty (Ea Total Coss 0	ach) / t (\$ M) / 0.000 / / - / - / - / - / - / - / - /	Qty (Eac Total Cost	n) / To O.000	Oty (Each) / otal Cost (\$ \( \) \( \	M) To	Oty (Each) / otal Cost (\$ N	000	Complete  Qty (Each) / ofal Cost (\$ M )  0 / 0.000  - / -  - / -  - / -  - / -  - / -  - / -  - / -  - / -  - / -	Qty (E Total Co	Each) / ost (\$ M, 0 / 0.000 - / / / / / / / / / - 2 / 44.24
All Prior FY 201 TO Com Total	Years 2 3 4 5 5 6 7 3 8		lule			Oty (E: Total Cost	ach) / t (\$ M) / 0.000 / 0.000 / 0.000 / 0.000 / 0.000 / 0.000 / 0.000 / 0.000 / 0.000 / 0.000 / 0.000 / 0.000 / 0.000	Qty (Each; Total Cost (\$ 0 / 0 - / - / - / - / - / - / - / - / - / - /	.000 	Oty (Each) / Total Cost (\$ M 0 / 0.00	Ba   Qty (E   Total Co   Oto   Co   Co   Co   Co   Co   Co   Co	Each) / sst (\$ M ) 0 / 0.000	OCO  Qty (Each) / Total Cost (\$ M - / / / / / / / / / / / / / / -	Qty Total	Total  / (Each) / Cost (\$ M )  0 / 0.000  - / / / / / / / / / / / / / -	Qty (Ea Total Coss 0	ach) / t (\$ M) / 0.000 / - / - / - / - / - / - / -	Qty (Eac Total Cost 0 / - - - - - -	n) / To O.000	Oty (Each) / otal Cost (\$ \( \) \( \	M) To	Oty (Each) / otal Cost (\$ N	000	Complete  Qty (Each) / otal Cost (\$ M )  0 / 0.000  - / -  - / -  - / -  - / -  - / -  - / -  3,432 / 303.257	Qty (E Total Co	Each) / pst (\$ M
All Prior FY 201 TO Com Total	Years 2 3 4 5 5 6 7 7 3 pplete			2012		Oty (E: Total Cos	ach) / t (\$ M) / 0.000 / 0.000 / 0.000 / 0.000 / 0.000 / 0.000 / 0.000 / 0.000 / 0.000 / 0.000 / 0.000 / 0.000 / 0.000	Qty (Each; Total Cost (\$ 0 / 0 - / - / - / - / - / - / - / - / - / - /	.000 	Oty (Each) / Total Cost (\$ M 0 / 0.00	Ba	Each) / sst (\$ M ) 0 / 0.000	OCO  Qty (Each) / Total Cost (\$ M - / / / / / / / / / / / / / / -	Qty Total	Total  / (Each) / Cost (\$ M)  0 / 0.000  - / / / / / / / / / / / / / -	Qty (Ea Total Coss 0	/ (\$ M) / 0.000 / - / - / - / - / - / - / - / - / -	Qty (Eac Total Cost 0 / - - - - - -	n) / 70 \$ M ) 70 0.000	Oty (Each) / otal Cost (\$ \( \) \( \	M) To	Otty (Each) / otal Cost (\$ N	000	Complete  Qty (Each) / fotal Cost (\$ M )  0 / 0.000  - / -  - / -  - / -  - / -  - / -  - / -  3,432 / 303.257  3,432 / 303.257	Qty (E Total Co	Each) / pst (\$ M
All Prior FY 201 TO Com Total	Years 2 2 3 4 4 5 5 6 7 7 3 pplete			2012	4	Oty (E: Total Cos	ach) / t (\$ M) / 0.000 / 0.000 / 0.000 / 0.000 / 0.000 / 0.000 / 0.000 / 0.000 / 0.000	Qty (Each; Total Cost (\$ 0 / 0 - / - / - / - / - / - / - / - / - / - /	.000 	Oty (Each) / Total Cost (\$ M	Ba	Each) / sst (\$ M ) 0 / 0.000	OCO	Qty Total	Total  / (Each) / Cost (\$ M)  0 / 0.000  - / / / / / / / / / / / / / -	Oty (Ea Total Cos 0 - - - - - - - - - -	/ (\$ M) / 0.000 / - / - / - / - / - / - / - / - / -	Qty (Eac Total Cost 0 / - - - - - -	n) / 70 \$ M ) 70 0.000	Oty (Each) / otal Cost (\$ \( \) \( \	M) To	Qty (Each) / otal Cost (\$ N	(A) TO	Complete  Qty (Each) / fotal Cost (\$ M )  0 / 0.000  - / -  - / -  - / -  - / -  - / -  - / -  3,432 / 303.257  3,432 / 303.257	Qty (E Total Co	Each) / post (\$ M 0 / 0.00 - / - / - / - / - / - / - / - / - / -
All Prior FY 201 TO Com Total	Years 2 3 4 5 6 7 3 plete	Sched	FY	_	4 -	Qty (E: Total Cost	ach) / t (\$ M) / 0.000 / 0.000 / 0.000 / 0.000 / 0.000 / 0.000 / 0.000 / 0.000 / 0.000	Qty (Each; Total Cost (\$ 0 / 0 - / - / - / - / - / - / - / - / - / - /	) / 6 M ) 7 7 .000	Oty (Each) / Total Cost (\$ M	Ba Qty (E Total Co	Each) / (\$ M )  0 / 0.000  / -  / -  / -  / -  / -  / -  / -	OCO    Oty (Each) / Total Cost (\$ M	Qty Total	Total  / (Each) / Cost (\$ M)  0 / 0.000  - / / / / / / / / / / / -	Oty (Ea Total Cos 0 - - - - - - - - - - - - - - - - - -	(ach) / t (\$M) / 0.000 / - / - / - / - / - / - / - / - / -	Oty (Eac Total Cost	h) / 5	Oty (Each) / otal Cost (\$ \int \) 0 / 0.0  - / / / / / /	M) To	Otty (Each) / otal Cost (\$ N	02 07 FY 2	Complete  Qty (Each) / otal Cost (\$ M )  0 / 0.000  - / -  - / -  - / -  - / -  - / -  3,432 / 303.257  2018  3 4	Qty (E Total Co	Each) / ost (\$ M 0 / 0.00 - / - / - / - / - / - / - / - / - / -

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	bit P-3	3A, lı	ndivi	dual	Modifi	cation:	PB 2	014 Army							Date: A	pril 2013			
2033	A: Pro bat Ve	cure	ement	of W	&TCV	Army /	BA 0	ub Activity 1: Tracked racked Cor	GN	<b>1 Line Item</b> M0100 - Stry					(Modific		enclature per - Modific DIFICATION		
Mod	els of	Syst	tems	Affe	cted: \	/ARIOU	S		Type Mod	dification: 0				Related R	DT&E PEs:				
Manu	acturer	r Info	rmatio	n: Dou	ıble V H	ull (DVH)	Survi	vability and	Safety Mods										
Manu	acturer l	Name	e: GM	GDLS	Defense	Group, L	L.C.				Ma	anufacturer Locati	on: Sterling H	eights, Michiga	ın				
Admir	istrative	Lead	dtime (	n Mon	ths): 2						Pro	oduction Leadtime	e (in Months):	4					
	Date	es			FY 20	)12		FY 2013		FY 2014		FY 2015		FY 2016	F	Y 2017	FY	2018	
Contra	ct Dates	es			Sep 2	013													
Delive	ry Dates	s			Feb 2	014													
				l							J								
Instal	ation: [	Double	e V Hu	II (DVF	H) Surviv	rability and	l Safet	tv Mods	Method of I		n: Prime Co	ontractor to produ	ce hardware	Installation	Name:				
				`	,	1		.,					1	1	<del> </del>	1			
						Prior Y	ears	FY 2012	FY 2013	FY 2014 Base	FY 2014 OCO	4 FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Tot	otal
Instal	ation C	ost				Prior Y  Qty (Ea	ch) /	FY 2012  Qty (Each) / Total Cost (\$ M)	FY 2013  Qty (Each) / Total Cost (\$ M	Base  Qty (Each) /		Total ) / Qty (Each) /	FY 2015  Oty (Each) /  Total Cost (\$ M)	Qty (Each) /	FY 2017  Qty (Each) /  Total Cost (\$ M )	FY 2018  Qty (Each) / Total Cost (\$ M )			Each) /
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LI GM0100 - Stryker (Mod) Army UNCLASSIFIED
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Exhibit P-40, Budget Item Justification Sheet: PB 2014 Army Date: April 2013

Appropriation / Budget Activity / Budget Sub Activity:

P-1 Line Item Nomenclature:

2033A: Procurement of W&TCV. Army / BA 01: Tracked Combat Vehicles / BSA 20: GZ2300 - FIST Vehicle (Mod)

Modification Of Tracked Combat Vehicles

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

Program Elements for Code B Items:

Other Related Program Elements: 0203735A

28

MDAP/MAIS Code(s):

	Prior			FY 2014	FY 2014	FY 2014					То	
Resource Summary	Years	FY 2012	FY 2013 <sup>#</sup>	Base	OCO##	Total	FY 2015	FY 2016	FY 2017	FY 2018	Complete	Total
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)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (\$ in Millions)	1,072.746	35.082	57.257	29.965	-	29.965	27.131	2.459	2.473	2.515	-	1,229.628
	(The following	g Resource Sum	mary rows are fo	or informational p	urposes only. Th	ne corresponding	budget request	s are documente	d elsewhere.)			
Initial Spares (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-

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

FY 2013 Program is from the FY 2013 President's Budget, submitted February 2012

#### **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 surviviability as the A3 BFIST.

UNCLASSIFIED LI GZ2300 - FIST Vehicle (Mod) Page 1 of 6 P-1 Line #3 Army

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

Exhibit P-40, Budget Item Justification Sheet: PB 2014 Army

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)

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

Program Elements for Code B Items:

Other Related Program Elements: 0203735A

MDAP/MAIS Code(s):

2		4		FV 0040		EV 004	_	FY 201		FY 201		FY 20		E)/ 0/	145	EV 00	140	EV 0	047	E)/ (	2040
Seco	ondary Dis	tribution		FY 2012		FY 2013	3	Base	•	oco		Tota	I	FY 20	)15	FY 20	116	FY 2	017	FY 2	2018
Army	Quantity				-		-		-		-		-		-		-		-		-
	Total Obl	igation Authority		31	.614	3	30.257		13.487		-		13.487		2.417		2.459		2.473		2.515
ANG	Quantity				-		-		-		-		-		-		-		-		-
	Total Obl	igation Authority		3	.468	2	27.000		16.478		-		16.478		24.714		-		-		-
	Item Sche	dule		Pı	rior Yea	rs		FY 2012	2		FY 2013		FY	/ 2014 Ba	ase	FY	2014 O	СО	FY	′ 2014 To	tal
Item Nor	menclature*	Exhibits	ID CD	Unit Cost	Qty (Each)	Total Cost															

P3A		-	-	1,072.746	-	-	35.082	-	-	57.257	-	-	29.965	-	-	-	-	-	29.965
				1,072.746			35.082			57.257			29.965			-			29.965
dule			FY 2015			FY 2016			FY 2017			FY 2018		To	Comple	te		Total	
Exhibits	ID CD	Unit Cost	Qty (Each)	Total Cost	Unit Cost	Qty (Each)	Total Cost	Unit Cost	Qty (Each)	Total Cost	Unit Cost	Qty (Each)	Total Cost	Unit Cost	Qty (Each)	Total Cost	Unit Cost	Qty (Each)	Total Cost
P3A		-	-	27.131	-	-	2.459	-	-	2.473	-	-	2.515	-	-	-	-	-	1,229.628
				27.131			2.459			2.473			2.515			-			1,229.628
	edule Exhibits	edule ID Exhibits CD	edule    ID   Unit Cost (\$\%K)	edule FY 2015    ID   Unit Cost (\$K\$)   Qty (Each)	1,072.746   1,072.746     1,072.746	1,072.746	1,072.746     1,072.746	1,072.746   35.082	1,072.746   35.082	1,072.746   35.082	Total Cost	Total Cost	1,072.746   35.082   57.257	1,072.746   35.082   57.257   29.965	CD   CD   CD   CS   CS   CS   CS   CS	Total Cost	Total Cost	Total Cost	CD   Unit Cost (\$K) (Each)   CD   Unit Cost (\$K) (Each)   CD   CD   CD   CD   CD   CD   CD   C

<sup>\*</sup>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.

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

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

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	P-1 Line Item Nomenclature: GZ2300 - FIST Vehicle (Mod)		Modification Nomenclature (Modification Number - Modification
Combat Vehicles / BSA 20: Modification Of Tracked Combat Vehicles			Title):   xx - FS3 on A3 BFIST / M7 BFIST SA
Models of Systems Affected: A3 BFIST / M7 BFIST Type	Modification: xx	<b>Related RDT</b>	&E PEs:

SA												
Resource Summary	Prior Years	FY 2012	FY 2013 <sup>#</sup>	FY 2014 Base	FY 2014 OCO##	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)	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)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (\$ in Millions)	1,072.746	35.082	57.257	29.965	-	29.965	27.131	2.459	2.473	2.515	-	1,229.628
	(The following	Resource Sum	mary rows are fo	or informational p	ourposes only. T	he corresponding	budget request	s are documente	ed elsewhere.)			
Initial Spares (\$ in Millions)	_	-	_	-	_	_	-	_	-	-	_	-

Gross/Weapon System Unit Cost (Units in Thousands)

#### **Description:**

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.

**UNCLASSIFIED** LI GZ2300 - FIST Vehicle (Mod) Army

<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

Exhibit P-3A, Individual Modification: PB 2014 Army

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)

GZ2300 - FIST Vehicle (Mod)

Title):
xx - FS3 on A3 BFIST / M7 BFIST SA

| Models of Systems Affected: A3 BFIST / M7 BFIST

Type Modification: xx

Related RDT&E PEs:

	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
Financial Plan	Qty (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

LI GZ2300 - FIST Vehicle (Mod) Army UNCLASSIFIED
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Exhibit P-3A, Individ	dual Modification: Pl	3 2014 Army						Date: April 2013	
2033A: Procurement	<b>Iget Activity / Budge</b> of W&TCV, Army / B <i>i</i> SA 20: Modification O	A 01: Tracked		P-1 Line Item Nom GZ2300 - FIST Veh				Modification Nome (Modification Number Title): xx - FS3 on A3 BFIS	er - Modification
Models of Systems SA	Affected: A3 BFIST /	M7 BFIST	Type I	Modification: xx			Related RD	T&E PEs:	
Manufacturer Informatio	n: FS3 on BFIST								
Manufacturer Name: BAE					Manufacturer Location: \	YORK, PA			
Administrative Leadtime (i	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				

Installation: FS3 on BFIST			Method of Im	plementation	1: x			Installation N	lame:			
	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
Installation Cost	Qty (Each) / Total Cost (\$ M )	Qty (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	- 1 -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
To Complete	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
Total	90 / 0.000	43 / -	53 / -	47 / -	- / -	47 / -	38 / -	8/-	- / -	- / -	- / -	279 / -

### Installation Schedule

		0004	u.0																												
			FY 2	2012			FY 2	2013			FY 2	014			FY 2	2015			FY 2	2016			FY 2	2017			FY 2	2018			
	APY	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	TC	Tot
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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LI GZ2300 - FIST Vehicle (Mod) Page 5 of 6 P-1 Line #3 Army

Exhibit P-3A, Indiv	idual Modification: P	B 2014 Army						Date: April 2013	
2033A: Procuremen	dget Activity / Budge at of W&TCV, Army / B 3SA 20: Modification C	A 01: Tracked		P-1 Line Item No GZ2300 - FIST Ve				Modification Nomel (Modification Numbe Title): xx - FS3 on A3 BFIS	r - Modification
Models of Systems	s Affected: A3 BFIST	/ M7 BFIST	Type I	Modification: xx			Related R	DT&E PEs:	
Manufacturer Informati	on: PRIOR YEAR CLOSED	- BFIST							
Manufacturer Name: BAI	E				Manufacturer Location: YO	ORK, PA			
Administrative Leadtime	(in Months): 5				Production Leadtime (in N	Nonths): 5			
Dates	FY 2012	FY 2013	1	FY 2014	FY 2015	i i	FY 2016	FY 2017	FY 2018
Contract Dates									
Delivery Dates									
Installation: PRIOR YEA	AR CLOSED - BFIST		Method	I of Implementation: X			Installation	Name:	

Installation: PRIOR YEAR CLOSED - BF	IST		Method of Im	plementation	n: X			Installation N	lame:			
	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
Installation Cost	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M )	Qty (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 / -

### Installation Schedule

			-																												
			FY 2	2012			FY 2	2013			FY 2	2014			FY 2	2015			FY 2	2016			FY 2	2017			FY 2	018			
	APY	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	тс	Tot
In	189	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	189
Out	189	-	-	-	-	_	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	189

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P-1 Line #3

LI GZ2300 - FIST Vehicle (Mod) Army

33

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

Appropriation / Budget Activity / Budget Sub Activity:

P-1 Line Item Nomenclature:

2033A: Procurement of W&TCV, Army / BA 01: Tracked Combat Vehicles / BSA 20: GZ2400 - Bradley Program (MOD)

Modification Of Tracked Combat Vehicles

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

**Program Elements for Code B Items:** 

**Other Related Program Elements:** 

MDAP/MAIS Code(s):

	Prior			FY 2014	FY 2014	FY 2014					То	
Resource Summary	Years	FY 2012	FY 2013 <sup>#</sup>	Base	OCO##	Total	FY 2015	FY 2016	FY 2017	FY 2018	Complete	Total
Procurement Quantity (Units in Each)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost (\$ in Millions)	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 (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (\$ in Millions)	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 (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (\$ in Millions)	4,101.899	250.710	148.193	158.000	-	158.000	158.000	209.000	478.505	857.546	122.800	6,484.653
	(The following	g Resource Sum	mary rows are fo	or informational p	urposes only. Th	he corresponding	g budget request	s are documente	ed elsewhere.)			
Initial Spares (\$ in Millions)	-	_	-	-	-	-	-	-	-	-	-	-

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

FY 2013 Program is from the FY 2013 President's Budget, submitted February 2012

#### **Description:**

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).

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

		Date: April 2013
ements for Code B Items:	Other Related Pr	rogram Elements:
		Vehicles / BSA 20: P-1 Line Item Nomenclature: GZ2400 - Bradley Program (MOD)

MDAP/MAIS Code(s):

	,	_																		
Item Sche	edule		P	rior Yea	rs		FY 2012			FY 2013		FY	2014 Ba	ase	FY	2014 O	co	FY	2014 To	tal
Item Nomenclature*	Exhibits	ID CD	Unit Cost	Qty (Each)	Total Cost															
xx - Bradley Program Mod	P3A		-	-	4,101.899	-	-	250.710	-	-	148.193	-	-	158.000	-	-	-	-	-	158.000
Total Gross/Weapon System Cost					4,101.899			250.710			148.193			158.000			-			158.000
Item Sche																				
item Sche	edule			FY 2015			FY 2016	i		FY 2017			FY 2018	}	To	Comple	ete		Total	
Item Nomenclature*	edule Exhibits	ID CD	Unit Cost	Qty (Each)	Total Cost		Qty (Each)	Total Cost	Unit Cost	Qty (Each)	Total Cost									
			Unit Cost	Qty	Total Cost	Unit Cost	Qty	Total Cost	Unit Cost	Qty		Unit Cost	Qty	Total Cost	Unit Cost	Qty	Total Cost		Qty	

\*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.

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

Vehicle Variants FY 2014 Prior FY 2014 FY 2014 To FY 2012 | FY 2013# OCO## Total **Resource Summary Years** Base FY 2015 FY 2016 FY 2017 FY 2018 | Complete Total Procurement Quantity (Units in Each) Gross/Weapon System Cost (\$ in Millions) 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 (\$ in Millions) Net Procurement (P1) (\$ in Millions) 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 (\$ in Millions) \_ Total Obligation Authority (\$ in Millions) 4,101.899 250.710 148.193 158.000 158.000 158.000 209.000 478.505 857.546 122.800 6.484.653

	(The following	g Resource Sum	mary rows are fo	or informational p	ourposes only. Ti	he corresponding	g budget request	s are documented els	ewhere.)			.1
Initial Spares (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost (Units in Thousands)	-	-	-	-	-	-	-	-	-	-	-	-

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

#### **Description:**

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.

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

Exhibit P-3A, Individual Modification: PB 2014 Army

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 Number - Modification Title):
xx - Bradley Program Mod

Models of Systems Affected: M2 & M3 Bradley Type Modification: xx Related RDT&E PEs:

Vehicle Variants FY 2014 То FY 2014 FY 2014 **Prior Years** FY 2012 FY 2013 oco Total FY 2015 FY 2016 FY 2017 **FY 2018** Base Complete Total Qty (Each) / Qtv (Each) / **Financial Plan** Total Cost (\$ M ) Total Cost ( **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 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 - / -- / -- / -2/17.000 - / -Total, Training Devices 17 / 20.655 17 / 20.655 17 / 20.655 17 / 30.655 - / -53 / 126.265 **Bradley Reactive Armor** A Kits Recurring - / -- / -- / -Kit Quantity 2,676 / 765.100 - / -- / -- / -- / -- / -- / -2,676 / 765.100 2,676 / 765.100 - / -- / -- / -- / -- / -- / -- / -- / -2.676 / 765.100 Subtotal Recurring - / -- / -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 2,764 / 2.800 - / -- / -- / -- / -- / -- / -- / -- / -- / -- / -2,764 / 2.800 Heat Abatement/Cargo Hatch High Priority Mods 0 / 95.408 - / -- / -- / -- / -- / 95.408 Urban Survivability Mods 5,276 / - / -- / -- / -- / -- / -- / -- / -- / -- / -- / -5.276 2,099.004 2,099.004 9.684/ - / -- / -- / -- / -- / -- / -- / -- / -- / -9.684 Subtotal Recurring 2,298.212 2,298.212 Total, BFVS High Priority Improvements 9.684/ - / -- / -- / -- / -- / -- / -- / -- / -- / -9,684 2.298.212 2.298.212 **ODS Situational Awareness** A Kits Recurring 662 / 938 387 108 / 238.500 - / -- / -- / -- / -- / -770 / 1,176.887 **ODS Situational Awareness** - / -- / -- / -- / -0 / 0.000 - / -- / 14.885 - / -- / -- / -Fielding Activities/NET - / -- / 15.000 - / 14.885 - / -- / 29.885

LI GZ2400 - Bradley Program (MOD) Army UNCLASSIFIED
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Exhibit P-3A, Individual Modification: PB 2014 Army

P-1 Line Item Nomenclature:

Modification Nomenclature

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

(Modification Number - Modification

GZ2400 - Bradley Program (MOD)

Title):

Date: April 2013

Vehicles

xx - Bradley Program Mod

**Models of Systems Affected:** M2 & M3 Bradley Vehicle Variants

Type Modification: xx

Related RDT&E PEs:

	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
Financial Plan	Qty (Each) / Total Cost (\$ M )	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M )	Qty (Each) / Total Cost (\$ M )	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M )	Qty (Each) / Total Cost (\$ M )	Qty (Each) / Total Cost (\$ M )	Qty (Each) / Total Cost (\$ /
Subtotal Recurring	662 / 938.387	108 / 238.500	- /15.000	- /14.885	- / -	- /14.885	- / -	- / -	- / -	- / -	- / -	770 / 1,206.77
Total, ODS Situational Awareness	662 / 938.387	108 / 238.500	- /15.000	- / 14.885	- / -	- /14.885	- / -	- / -	- / -	- / -	- / -	770 / 1,206.7
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	- / -	- / 140.1
Contractor PM Support	0 / 19.900	- /4.000	- /4.000	- / 18.800	- / -	- / 18.800	- / 15.100	- / 15.100	- / 15.100	- / 15.100	- / -	- / 107.10
Subtotal Recurring	0 / 62.900	- /12.210	- /32.900	- /30.800	- / -	- /30.800	- /27.100	- /27.100	- /27.100	- /27.100	- / -	- /247.2
Total, Program/Engineering Support	0 / 62.900	- /12.210	- /32.900	- /30.800	- / -	- /30.800	- /27.100	- /27.100	- /27.100	- /27.100	- / -	- /247.2
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 / 550.18
ECP 2 Modification	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	191 / 370.175	391 / 707.238	1,278 / 115.400	1,860 1,192.81
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 1,742.99
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	3,72 1,742.9
Conversion M3-M2												
A Kits												
Recurring												
Conversion	0 / 0.000	- / -	- / -	46 / 13.800	- / -	46 / 13.800	46 / 13.800	47 / 14.100	- / -	- / -	- / -	139 / 41.70
Subtotal Recurring	0 / 0.000	- / -	- / -	46 / 13.800	- / -	46 / 13.800	46 / 13.800	47 / 14.100	- / -	- / -	- / -	139 / 41.70
Total, Conversion M3-M2	0 / 0.000	- / -	- / -	46 / 13.800	- / -	46 / 13.800	46 / 13.800	47 / 14.100	- / -	- / -	- / -	139 / 41.70
Braking Safety/Transmission Industrial Base												
A Kits												
Recurring												-
Transmission	0 / 0.000	- / -	- / -	120 / 28.200	- / -	120 / 28.200	120 / 28.200	- / -	- / -	- / -	- / -	240 / 56.40
Subtotal Recurring	0/0.000	- / -	- / -	120 / 28.200	- / -	120 / 28.200	120 / 28.200	- / -	- / -	- / -	- / -	240 / 56.40

LI GZ2400 - Bradley Program (MOD) Army UNCLASSIFIED
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Exhibit P-3A, Individual Modification: PB 2014 Army

Date: April 2013

Appropriation / Budget Activity / Budget Sub Activity:

**P-1 Line Item Nomenclature:**GZ2400 - Bradley Program (MOD)

Modification Nomenclature

2033A: Procurement of W&TCV, Army / BA 01: Tracked

(Modification Number - Modification

Combat Vehicles / BSA 20: Modification Of Tracked Combat Vehicles

Title):

xx - Bradley Program Mod

Models of Systems Affected: M2 & M3 Bradley

Vehicle Variants

Type Modification: xx

Related RDT&E PEs:

	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
Financial Plan	Qty (Each) / Total Cost (\$ M)	Qty (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

Exh	nibit P-3A, Individual Modification: PB 2014 Army propriation / Budget Activity / Budget Sub Activity: P-1 Line																			Date: /	April	I 2013				
203	BA: Probat V	ocure	ement	t of W	'&TC\	√, Arn	ny / B	A 01	<b>b Activity</b> : Tracked acked Con					<b>menclat</b> / Progran						(Modifi Title):	catio	on Nome on Numb ey Prograi	er - Mo		ition	
	<b>els of</b> cle Va	-		Affe	cted:	M2 8	м3 Е	Bradl	еу	Type N	Modi	ification	ı: xx					Related	RDT8	&E PEs	<b>s</b> :					
Manu	facture	er Info	rmatic	n: Tra	ining [	Device	s																			
Manu	facture	r Nam	e: OAS	SIS										Manut	facturer Loc	ation	n: AUBURN H	HILLS, MI								
Admi	nistrativ	e Lea	dtime (	in Mor	ths): 5									Produ	ıction Leadti	me (	(in Months): 1	2								
	Dat	tes			FY	2012			FY 2013	}		FY 20	14		FY 2015			FY 2016			FY 20	017		FY 2	2018	
Contr	act Dat	es													Feb 2015			Feb 2016		ı	eb 2	2017		Feb	2018	
Deliv	ery Date	es													Feb 2016			Feb 2017		ı	eb 2	2018		Feb	2019	
Insta	lation:	Traini	ing Dev	vices						Method	of Im	nplementa	ation: C	Contractor				Installatio	n Name	ə:						_
						Pr	ior Yea	ırs	FY 2012	FY 20	13	FY 201 Base		FY 2014 OCO	FY 2014 Total	1	FY 2015	FY 2016	F	Y 2017	F	FY 2018	To Compl	ete	Total	
						C	ty (Each)	1/	Qty (Each) /	Qty (Ead		Qty (Eacl		Qty (Each) /	Qty (Each)		Qty (Each) / Total Cost (\$ M)	Qty (Each)		y (Each) /		Qty (Each) /	Qty (Eac		Qty (Each)	
Insta	lation	Cost				Total	aľ Cost (\$	M) T	Total Cost (\$ M)	Total Cost	(\$ M )	Total Cost (	\$M)   Iot	tal Cost (\$ M)	Total Cost (\$	IVI )   I			Λ)   Iotal	I Cost (\$ M	)   Tota	tal Cost (\$ M )	Total Cost	(\$ IVI )	Total Cost (\$ )	5 M
Insta All Prio		Cost				Tota	al Cost (\$ 0 / 0.	M) T	otal Cost (\$ M ) 0 / 0.000	-	(\$ M ) ( 0.000	·	0.000 lot	- / -	Total Cost (\$ 0 / 0.		0 / 0.000	0 / 0.0		0 / 0.00	-	0 / 0.000		0.000	Total Cost (\$ 0 0 / 0.0	
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All Prio FY 201 FY 201 FY 201	Years 2 3	Cost				Tota	0 / 0. 0 / 0. 0 / 0. 0 / 0.	M) 7 .000 .000 .000	0 / 0.000	0 / - -	/ 0.000 / - / -	- 1	0.000	- / - - / - - / -	0 / 0.		0 / 0.000	0 / 0.0	000	0 / 0.00	-	0 / 0.000	0 / - - -	0.000	0 / 0.0	).00 - -
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All Prio FY 201 FY 201 FY 201 FY 201 FY 201	Years 2 3 4 5 5 6 7 8 8	Cost				Total	0 / 0. 0 / 0. 0 / 0. 0 / 0. 0 / 0. 0 / 0. 0 / 0. 0 / 0. 0 / 0. 0 / 0.	M) 7.000 .000 .000 .000 .000 .000 .000 .00	0 / 0.000 - / - - / - - / - - / - - / - - / -		/ 0.000 / - / - / - / - / - / -	- 1	0.000	- / / / / / / / / / / / -	0 / 0. - / - / - / - / - / - / - /		0 / 0.000	0/0.0 - / - / - / - / - /	000	0/0.00	-	0 / 0.000 -	0 / - - - - - - -	0.000       -	0 / 0.0 - / - / - / - / - /	
All Prior FY 201 FY 201 FY 201 FY 201 FY 201 FY 201 TO Control	Years 2 3 4 5 5 6 7 8 8		lule			Total	0 / 0. 0 / 0. 0 / 0. 0 / 0. 0 / 0. 0 / 0. 0 / 0. 0 / 0. 0 / 0. 0 / 0. 0 / 0. 0 / 0.	M) 7.000 .000 .000 .000 .000 .000 .000 .00	0 / 0.000 - / - - / - - / - - / - - / - - / - - / -		( 0.000	0// - // - // - // - // - //	0.000	- 1 - - 1 -	0/0 / - / - / - / - / - / - / - / - / - /		0 / 0.000	0/0.0 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1	000	0 / 0.00 - / - - / - - / - - / - - / - - / - - / -	-	0 / 0.000 - / - - / -	0 / - - - - - - -	0.000	0 / 0.0  - /  - /  - /  - /  - /  - /  - /  -	
All Prior FY 201 FY 201 FY 201 FY 201 FY 201 FY 201 TO Control	Years 2 3 4 4 5 5 6 6 7 7 3 supplete			2012		Total	0 / 0. 0 / 0. 0 / 0. 0 / 0. 0 / 0. 0 / 0. 0 / 0. 0 / 0. 0 / 0. 0 / 0. 0 / 0. 0 / 0.	M) 7.000 .000 .000 .000 .000 .000 .000 .00	0 / 0.000 - / - - / - - / - - / - - / - - / - - / -		( 0.000	0// - // - // - // - // - //	0.000	- 1 - - 1 -	0/0 / - / - / - / - / - / - / - / - / - /		0 / 0.000	0/0.0 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1	000	0 / 0.00 -	-	0/0.000	0 / - - - - - - -	0.000	0 / 0.0  - /  - /  - /  - /  - /  - /  - /  -	
All Prior FY 201 FY 201 FY 201 FY 201 FY 201 FY 201 TO Control	Years 2 3 4 4 5 5 6 6 7 7 3 supplete			2012	4	Tot.	a/ Cost (\$ 0 / 0. 0 / 0. 0 / 0. 0 / 0. 0 / 0. 0 / 0. 0 / 0. 0 / 0. 0 / 0. 0 / 0. 0 / 0.	M) 7.000 .000 .000 .000 .000 .000 .000 .00	0 / 0.000 - / - - / - - / - - / - - / - - / - - / -		( 0.000	0// - // - // - // - // - //	0.000	- / - / - / - / - / - / - / - / - / - /	0/0 / - / - / - / - / - / - / - / - / - /		0/0.000	0/0.0 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1		0 / 0.00 -	-	0/0.000		0.000	0 / 0.0  - /  - /  - /  - /  - /  - /  - /  -	
All Prior FY 201 FY 201 FY 201 FY 201 FY 201 FY 201 TO Control	Years 2 3 4 5 6 7 3 supplete	Sched	FY		4	Total	a/ Cost (\$ 0 / 0. 0 / 0. 0 / 0. 0 / 0. 0 / 0. 0 / 0. 0 / 0. 0 / 0. 0 / 0. 0 / 0.	M) 7.000   0	0 / 0.000 - / - - / -		(0.000 ( - ) ( -	- / / - / /	0.000	- / / / / / / / / / / / / / -	0/0. - / - / - / - / - / - / - /		0 / 0.000 -	0/0.0 - / - / - / - / - / - / - / - / - / - /	FY 20	0 / 0.00 - / - - / - / - - / - - / - - / - / - / - / - - / - / - / - / - / - / - / - / - / - /	0	0/0.000 - / / / / / / / / / / / / -		0.000	0 / 0.0  - /  - /  - /  - /  - /  - /  - /  -	

LI GZ2400 - Bradley Program (MOD) Army UNCLASSIFIED
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	bit P-3A,	, Indiv	idual	Modi	ficati	on: P	B 20	14 Army	,													Date: A	۱pril	l 2013				
2033	opriation A: Procumbat Vehico cles	ıremer	t of W	'&TC\	/, Arn	ny / B	A 01	: Tracke	d	G	- <b>1 Line</b> Z2400				-	OD)						(Modifi Title):	catio	on Nome on Numb ey Progra	er - N	lodific	ation	
	<b>els of Sy</b> cle Variar		Affe	cted:	M2 8	. МЗ Е	3radl	еу	Тур	ре Мо	dificat	ion: x	x						Rel	ated R	DT8	&E PEs	:					
Manuf	facturer Inf	formati	on: Bra	dley R	eactiv	e Arm	or																					
Manuf	acturer Nar	me: GD	ATP											Manuf	acture	er Location	on: Bu	ırlington,	VT									
Admin	istrative Le	eadtime	(in Mon	ths): 5										Produ	ction L	Leadtime	(in M	lonths): (	3									
	Dates			FY	2012			FY 201	3		F۱	2014			FY	2015			FY 2	016			FY 2	017		FY	2018	
Contra	act Dates																											
Delive	ry Dates																											
l									1										Ι									
Install	ation: Brad	dley Re	active A	rmor					Met	thod of	Implem	entatior	n: Contr	actor					Insta	allation I	Nam	9:						
Install	ation: Brad	dley Re	active A	rmor	Pr	ior Yea	ars	FY 2012		Y 2013	FY	entatior 2014 ase	FY 2	2014		′ 2014 「otal	FY	2015		allation I 7 2016		e: Y 2017	ı	FY 2018		o plete	Тс	otal
	ation: Brad		active A	rmor	C	rior Yea	) /	FY 2012  Qty (Each) / Total Cost (\$ M	<b>F</b>		FY B	2014	FY 2	2014 CO	<b>T</b> Qty		Qty	2015 (Each) / Cost (\$ M )	FY Qty		F		0	FY 2018 Qty (Each) /	Com Qty (E	plete Each) /	Qty (	(Each) /
	ation Cost		active A	rmor	Tota	ty (Each	) / 5 M ) T	Qty (Each) /	F Qt Total	Y 2013	FY B Qty (	2014 ase (Each) /	FY 2 OC Qty (E Total Co.	2014 CO	<b>T</b> Qty	Total (Each) /	Qty	(Each) /	<b>FY</b> Qty Total	/ 2016	F Qi Tota	<b>Y 2017</b>	) Tota	Qty (Each) /	Qty (E Total Co	plete	Qty ( Total C	
Install	ation Cost		active A	rmor	Tota	Oty (Each al Cost (\$ 2,676 / 0	) / 5 M ) T	Qty (Each) / otal Cost (\$ M	F Qt Total	Y 2013 ty (Each) / / Cost (\$ M	FY B Qty (Total C	2014 ase (Each) / cost (\$ M )	FY 2 OC Qty (E Total Co.	2014 CO (ach) / st (\$ M)	<b>T</b> Qty	(Each) / Cost (\$ M)	Qty	(Each) / Cost (\$ M)	<b>FY</b> Qty Total	/ 2016  (Each) / Cost (\$ M)	F Qi Tota	Y 2017  by (Each) / I Cost (\$ M	) Tota	Qty (Each) / tal Cost (\$ M )	Qty (E Total Co	plete Each) / ost (\$ M )	Qty ( Total C	(Each) / cost (\$ M )
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Install All Prior FY 2012 FY 2013 FY 2014 FY 2015 FY 2016 FY 2017 FY 2018 To Comp Total Install	Years  Delete	edule FY 2	2012		Control	Dty (Each al Cost (\$ 2,676 / 0	0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000	Otty (Each) / otal Cost (\$ M	P Qt Total	Y 2013 ty (Each) / / Cost (\$ M 0 / 0.00 - / / / / / / / / -	FY B Qty (7 Total C	2014 ase (Each) / lost (\$ M ) 0 / 0.000 - / / / / / / / / / / -	FY 2 OC Oty (E Total Co.	(2014 (20) (ach) / (st (\$ M) / - / - / - / - / - / - / - / -	T Qty Total (	(Each) / Cost (\$ M ) 0 / 0.000 - / / / / / / / / / / / / -	Qty Total (	(Each) / Cost (\$ M ) 0 / 0.000	Cty Total	/ 2016 / (Each) / Cost (\$ M ) 0 / 0.000 - / / / / / / / / / / / -	FY 2	Y 2017  Y (Each) / / Cost (\$ M. 0 / 0.00  - / - / - / / / / / / - / / - / - / / - / - / - / / - / - / - / / - / - / - / / - / - / - / - / -	C Total	Qty (Each) / tal Cost (\$ M )  0 / 0.000  - / -  - /	Com  Cty (I  Total Cc	plete Each) / est (\$ M ) 0 / 0.000 -	Qty (Total C	(Each) / lost (\$ M / rost (\$ M

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Exhil	bit P-	3A, I	Indivi	dual	Modi	ficati	on: P	В 2	2014 Ar	my															Date	e: Ap	oril 201	13				
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	els of cle Va		tems ts	Affe	cted:	M2 8	k M3 E	Bra	dley		Туре	Мо	difi	catio	n: x	<						F	Related	RD	T&E P	Es:						
Manuf	facture	er Info	rmatio	n: BF	VS Hig	h Prio	rity Im	pro	vements																							
Manuf	acturer	r Nam	e: BAE														Manu	ıfactur	er Locati	on: Y	ORK, P	Ά										
Admin	istrativ	e Lea	dtime (	in Mon	ths): 5												Produ	uction	Leadtime	e (in I	Months)	: 6										
	Dat	tes			FY	2012			FY	2013	,			FY 2	2014			FY	2015			F	Y 2016			F١	2017			FY	2018	
Contra	act Date	es																														
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Inotall	ation (	Coot					rior Yea	1) /	FY 20 Qty (Eac	ch) /	Qty (	<b>2013</b>	/	FY 29 Bas Qty (Ea	se ach) /	Qty	2014 OCO (Each) /	Qty	7 2014 Total	Qt	Y 2015		FY 2016  Qty (Each)	,	<b>FY 20</b> ° Qty (Eac	h) /	FY 20	nch) /	Com Qty (I	ro plete Each) /	Qty (	otal (Each) /
All Prior		COSI					9,684 / 0		Total Cost	(\$ M ) 0.000	Total C	ost (\$ / 0 / 0.0		otal Cos	o / 0.000	Iotal	Cost (\$ M ,	)   Iotal	Ost (\$ M)	_	0 / 0.0	-	Total Cost (\$ I 0 / 0.0		otal Cost (	(\$ M ) 0.000	Total Cost	<i>t (\$ M )</i> / 0.000	-	ost (\$ M ) 0 / 0.000	+	Cost (\$ M ) 684 / 0.000
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To Comp	piete						9.684 / 0			/ -		- / -	_		/ -		- / -		- / -		- / -	-	- / -	_	-			/ -		- / - - / -		684 / -
	ation \$	Sched	dule				0,00470	7.000		<u> </u>																,						5047
				2012			FY	201	3		F	Y 201	14			FY	2015			FY	2016			FY	2017			FY	<b>2018</b>		1	
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In													-	_	-	† -	-	-	- 1	-	-	_	-	-	-	<u> </u>	-	† <u>-</u>	<del> </del> -	+-	<b>+</b> -	9,684
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Exhibit P-3A, Indiv	/idual Modification: ₽	B 2014 Army				Date: April 2013	
2033A: Procuremen	udget Activity / Budgent of W&TCV, Army / BBSA 20: Modification C	A 01: Tracked	P-1 Line Item No GZ2400 - Bradley			Modification Nome (Modification Number Title): xx - Bradley Program	er - Modification
Models of System Vehicle Variants	s Affected: M2 & M3 E	Bradley Type	Modification: xx		Related	RDT&E PEs:	
Manufacturer Informat	ion: ODS Situational Awar	eness					
Manufacturer Name: BA	E			Manufacturer Location: Y	ORK, PA		
Administrative Leadtime	(in Months): 8			Production Leadtime (in I	Months): 12		
Dates	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018
Contract Dates	May 2011	May 2012	May 2013				
Delivery Dates	May 2012	May 2013	May 2014				

<b>Installation:</b> ODS Situational Awareness			Method of Im	nplementation	: Contractor			Installation N	lame:			
	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
Installation Cost	Qty (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

		FY 2012 FY 2013 PY 1 2 3 4 1 2 3									FY 2	014			FY 2	2015			FY 2	2016			FY 2	2017			FY 2	018			
	APY	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	TC	Tot
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** 

LI GZ2400 - Bradley Program (MOD) Army

Exhibit P-3A, Indiv	vidual Modification: P	B 2014 Army				Date: April 2013	
2033A: Procuremen	udget Activity / Budge nt of W&TCV, Army / B BSA 20: Modification C	A 01: Tracked	P-1 Line Item No GZ2400 - Bradley			Modification Nome (Modification Number Title): xx - Bradley Program	er - Modification
Models of System Vehicle Variants	s Affected: M2 & M3 E	Bradley Type	Modification: xx		Related R	DT&E PEs:	
Manufacturer Informat	ion: Program/Engineering	Support			·		
Manufacturer Name: N/A	4			Manufacturer Location: W	ARREN, MI		
Administrative Leadtime	(in Months): 1			Production Leadtime (in M	fonths): 1		
Dates	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018
Contract Dates	Oct 2010	Oct 2011	Oct 2012	Oct 2013			
	Nov 2010	Nov 2011	Nov 2012	Nov 2013			

Installation: Program/Engine	ering Support		Method of Im	nplementation	ı: x			Installation N	lame:			
	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
Installation Cost	Qty (Each) / Total Cost (\$ M )	Qty (Each) / Total Cost (\$ M )	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M )	Qty (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

		••••																													
		FY 2012 FY 20									FY 2	2014			FY 2	2015			FY 2	2016			FY 2	2017			FY 2	2018			
	APY	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	TC	Tot
In	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Out	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

**UNCLASSIFIED** 

LI GZ2400 - Bradley Program (MOD) Page 11 of 14 Army

Exhibit P-3A, Indivi	idual Modification: P	B 2014 Army						Date: April 2013	
2033A: Procuremen	dget Activity / Budge t of W&TCV, Army / B 3SA 20: Modification C	A 01: Tracked		<b>P-1 Line Item No</b> GZ2400 - Bradley				Modification Nome (Modification Numbe Title): xx - Bradley Program	r - Modification
Models of Systems Vehicle Variants	Affected: M2 & M3 I	Bradley 1	Type Mo	odification: xx			Related RI	DT&E PEs:	
Manufacturer Information	on: Field Upgrades	·							
Manufacturer Name: Con	npetitive (BAE/TBD)				Manufacturer Location:	ANNISTON	I, AL/ TBD		
Administrative Leadtime	(in Months): 12				Production Leadtime (ir	n Months): 1	2		
Dates	FY 2012	FY 2013		FY 2014	FY 2015		FY 2016	FY 2017	FY 2018
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

Installation: Field Upgrades			Method of Im	nplementation	ı: xx			Installation N	lame:			
	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
Installation Cost	Qty (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 / -

### Installation Schedule

		000	u																												
		FY 2012 FY 2013						FY 2	2014			FY 2	2015			FY 2	2016			FY 2	017			FY 2	018						
	APY	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	TC	Tot
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** 

Army

LI GZ2400 - Bradley Program (MOD)

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					OIN	OLAGO							
Exhibit P-3A, Indiv	vidual Modific	ation: PB 2	2014 Army							Date: A	pril 2013		
Appropriation / Bu 2033A: Procureme Combat Vehicles / Vehicles	nt of W&TCV,	Army / BA (	01: Tracked	G	<b>-1 Line Item</b>   Z2400 - Brad					(Modific	cation Nome cation Number	per - Modific	ation
Models of System Vehicle Variants	s Affected: M2	2 & M3 Bra	idley	Туре Мо	dification: x	X			Related R	DT&E PEs:	1		
Manufacturer Informat	tion: Conversion l	M3-M2											
Manufacturer Name: BA	λE					M	anufacturer Location	on: YORK, PA					
Administrative Leadtime	e (in Months): 6					Pr	roduction Leadtime	e (in Months):	12				
Dates	FY 201	FY 2013		FY 2014		FY 2015		FY 2016	F	Y 2017	FY	2018	
Contract Dates							Mar 2015		Mar 2016	M	lar 2017		
Delivery Dates							Mar 2016		Mar 2017	M	lar 2018		
Installation: Conversion	n M3-M2			Method of	Implementation	n: Contract	tor		Installation I	Name:			
		Prior Years	FY 2012	FY 2013	FY 2014 Base	FY 201 OCO		FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total
Installation Cost		Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M		Qty (Each		Qty (Each) / Total Cost (\$ M)	Qty (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 / 0.00		- /	7 - 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		- / -	- / -	- /	- 1 -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2017		0 / 0.000	+	- / -		- /		- / -	- / -	- / -	- / -	- / -	- / -
FY 2018		0 / 0.000	· ·	- / -		- /		- / -	- / -	- / -	- / -	- / -	- / -
To Complete		0 / 0.000		- / -		- /		- / -	- / -	- / -	- / -	- / -	- / -
Total		0 / 0.000	- / -	- / -	- / -	- /	' -   - / -	- / -	- / -	- / -	- / -	- / -	- / -

LI GZ2400 - Bradley Program (MOD)	
Army	

FY 2012

FY 2013

FY 2014

Installation Schedule

APY

In Out FY 2015

FY 2017

FY 2018

TC

Tot

FY 2016

Exhib	oit P-3	BA, In	ndivi	dual	Modif	ication	PB 2	2014 Arm	ıy												Da	ite: Ap	oril 2013					
2033A	A: Prod oat Vel	cure	ment	of W	/&TC\	, Army	BA (	Sub Activ 01: Track racked C	ed					<b>lomencla</b> ey Progra		OD)					(M	lodifica le):	ation No ation Nu dley Prog	mbe	er - Mo	odifica	ation	
	els of S le Vari	•		Affe	cted:	M2 & M	3 Bra	dley		Type I	Modi	fication	1: xx						Relate	d RD	T&E	PEs:						
Manufa	acturer	r Infor	rmatio	n: Bra	king S	afety/Trar	smiss	sion Indust	trial	Base																		
Manufa	acturer N	Name	e: L3C	ОМ										Man	ufacture	er Locatio	n: MUSk	KEGO	N, MI									
Adminis	strative	Lead	dtime (	in Mon	ths): 5									Prod	luction I	Leadtime	(in Mont	hs): 1	2									
	Dates	es			FY 2	2012		FY 20	013			FY 20	)14		FY	2015			FY 2016			F۱	<i>(</i> 2017			FY	2018	
Contrac	ct Dates	s													Feb	2015		F	eb 2016									
Deliver	y Dates	 S													Feb	2016		F	eb 2017						+			
Installa	ation: B	Braking	ıg Safe	ety/Tra	nsmiss	on Industi	ial Bas	e		Method	of Im	plementa	ation:	Contractor					Installa	ion Na	me:							
Installa	ation: B	3rakin(	ig Safe	ety/Tra	nsmiss	on Industr		FY 2012		Method FY 20		plementa FY 201 Base	14	Contractor FY 2014 OCO		′ 2014 「otal	FY 20	15	Installa		me: FY 2	2017	FY 2018	3	To Comp	-	Tot	tal
	ation: B		ig Safe	ety/Tra	nsmiss	Prior Qty (E	Years	FY 2012 Qty (Each)	2		113 ch) /	FY 201	14 e	FY 2014	Qty		FY 20 Qty (Eac	ch) /		16	FY 2		FY 2018  Qty (Each)  Total Cost (\$	)/		olete ach)/	Tot Qty (E: Total Cos	ach) /
	ation Co		ng Safe	ety/Tra	nsmiss	Prior  Qty (E Total Co	Years ach) /	FY 2012  Qty (Each)  Total Cost (\$	2 ) / (	FY 20 Qty (Eac Total Cost	113 ch) /	FY 201 Base Qty (Each Total Cost (	14 e	FY 2014 OCO Qty (Each) /	Qty	Total (Each) /	Qty (Eac Total Cost	ch) /	FY 20 Qty (Eac Total Cost	16	FY 2 Qty (E	ach) /	Qty (Each)	) / (M)	Qty (Ea Total Cos	olete ach)/	Qty (Ea	ach) /
Installa	ation Co		ng Safe	ety/Tra	nsmiss	Prior  Qty (E	Years ach) / st (\$ M)	FY 2012  Qty (Each)  Total Cost (\$ 0 / 0.	2 () / () M )	FY 20 Qty (Eac Total Cost	113 ch) / (\$ M)	FY 201 Base Qty (Each Total Cost (	14 eh) / (\$ M ) 7	FY 2014 OCO Qty (Each) / Total Cost (\$ M	Qty // Total (	(Each) / Cost (\$ M)	Qty (Eac Total Cost	ch) / (\$ M )	FY 20 Qty (Eac Total Cost	16 h) / \$ M ) 1	FY 2 Qty (E	ach) / st (\$ M )	Qty (Each) Total Cost (\$	) / ( M )	Comp Qty (Ea Total Cos	olete ach) / et (\$ M )	Qty (Ea	ach) / st (\$ M ,
Installa All Prior Y FY 2012 FY 2013	ation Co		ng Safe	ety/Tra	nsmiss	Prior Qty (E	Years ach) / st (\$ M) 0 / 0.000 0 / 0.000	FY 2012  Qty (Each)  Total Cost (\$ 0 / 0.  - /	2 )/ : <i>M</i> ) .000	FY 20 Qty (Eac Total Cost	(\$ M) (0.000 / -	FY 201 Base Qty (Eacl Total Cost (	14 9 (\$ M ) 7 0.000 / -	FY 2014 OCO Qty (Each) / Total Cost (\$ M - / - - / - - / -	Qty // Total (	(Each) / Cost (\$ M ) 0 / 0.000 - / -	Qty (Eac Total Cost	ch) / (\$ M ) / 0.000 / - / -	FY 20 Qty (Eac Total Cost 0 /	16 n) / (\$ M ) 7 0.000	FY 2  Qty (E	ach) / st (\$ M ) 0 / 0.000 / - / -	Qty (Each) Total Cost (\$ 0 / 0 /	.000 -	Comp  Qty (Ea Total Cos  0 -	Diete ach) / tf (\$ M ) / 0.000 / - / -	Qty (E: Total Cos (	each) / st (\$ M ) 0 / 0.000 / - / -
Installa All Prior Y FY 2012 FY 2013 FY 2014	ation Co		ng Safe	ety/Tra	nsmiss	Prior Qty (E	Years ach) / st (\$ M) 0 / 0.000 0 / 0.000 0 / 0.000	FY 2012  Qty (Each)  Total Cost (\$ 0 / 0.  - / - /	2 (5 M) (.000	FY 20 Qty (Eac Total Cost	(\$ M) (0.000) (1 - ) (1 - )	FY 201 Base Qty (Eacl Total Cost (	14 3 (\$ M ) 7 0.000 / - / -	FY 2014 OCO Qty (Each) / Total Cost (\$ M - / - - / - - / -	Qty // Total (	(Each) / (Cost (\$ M) 0 / 0.000 - / / / / -	Qty (Eac Total Cost 0 /	ch) / (\$ M ) / 0.000 / - / -	FY 20 Qty (Eac Total Cost 0 /	16 n)/ \$ M) 7 0.000	FY 2 Qty (E	Each) / st (\$ M) 0 / 0.000 / - / -	Qty (Each) Total Cost (\$ 0 / 0 / - /	.000 - -	Comp  Oty (Ea  Total Cos  0	Diete ach) / et (\$ M) / 0.000 / - / - / -	Qty (E: Total Cos C	ach) / st (\$ M, 0 / 0.000 / - / - / -
Installa All Prior Y FY 2012 FY 2013 FY 2014 FY 2015	ation Co		ng Safe	ety/Tra	nsmiss	Prior  Qty (E Total Co	Years ach) / st (\$ M) 0 / 0.000 0 / 0.000 0 / 0.000 0 / 0.000 0 / 0.000	FY 2012  Qty (Each)  Total Cost (\$ 0 / 0.  - / - / - / - /	2 )/ (3 M ) .000 - - -	FY 20 Qty (Eac Total Cost	h13 ch) / (\$ M) / 0.000 / - / - / - / - / -	FY 201 Base Qty (Eacl Total Cost (	14 3 (\$ M) 7 0.000 / - / - / -	FY 2014 OCO Qty (Each) / Total Cost (\$ M - / - - / - - / - - / -	Qty // Total (	(Each) / (Cost (\$ M) 0 / 0.000 - / - / - / / / / / / / / / / / - / / / / / / / / / / / -	Qty (Eac Total Cost 0 / - - -	ch) / (\$ M ) / 0.000 / - / - / - / -	FY 20 Qty (Eac Total Cost  0 /	16 (n) / (s M) = 1 0.000 (r - (	FY 2 Qty (E Total Co	(ach) / st (\$ M) 0 / 0.000 / - / - / -	Qty (Each) Total Cost (\$ 0 / 0 / - / - /	.000 - - -	Comp  Qty (Ea Total Cos  0	Diete ach) / et (\$ M ) / 0.000 / - / - / - / -	Qty (E: Total Cos (	each) / st (\$ M ) 0 / 0.000 / - / - / - / -
Installa All Prior Y FY 2012 FY 2013 FY 2014 FY 2015 FY 2016	ation Co		ng Safe	ety/Tra	nsmiss	Prior  Qty (E Total Co	Years ach) / st (\$ M) 0 / 0.000 0 / 0.000 0 / 0.000 0 / 0.000 0 / 0.000 0 / 0.000 0 / 0.000	FY 2012  Qty (Each)  Total Cost (\$ 0 / 0.  - / - / - / - / - /	2 (5 M) (-000) 	FY 20 Qty (Eac Total Cost	113 ch) / (\$ M) / 0.000 / - / - / - / -	FY 201 Base Qty (Eact Total Cost (	14	FY 2014 OCO Qty (Each) / Total Cost (\$ M - / - - / - - / - - / - - / -	Qty Total (	(Each) / (Cost (\$ M) 0 / 0.000 - / - / - / / / / / / / / / / / - / / / / / / / / / / / -	Qty (Eac Total Cost 0 / - - -	ch) / (\$ M ) / 0.000 / - / - / - / - / -	FY 20 Qty (Eac Total Cost	16 n) / 5 M / 5 0.000	FY 2 Qty (E Total Co	(ach) / st (\$ M) 0 / 0.000 / - / - / - / -	Qty (Each) Total Cost (\$ 0 / 0 / - / - / - / - / - /	.000 - - -	Comp  Qty (Ea Total Cos  0	Diete   ach)	Qty (E: Total Cost	Each) / st (\$ M ) 0 / 0.000  / - / - / - / - / -
Installa All Prior Y FY 2012 FY 2013 FY 2014 FY 2015	ation Co		ng Safe	ety/Tra	nsmiss	Prior  Qty (E Total Co	Years ach) / st (\$ M) 0 / 0.000 0 / 0.000 0 / 0.000 0 / 0.000 0 / 0.000	FY 2012  Qty (Each)  Total Cost (\$ 0 / 0.  - /  - /  - /  - /  - /  - /	2 )/ :M) .000 - - - -	FY 20  Qty (Eac Total Cost	h13 ch) / (\$ M) / 0.000 / - / - / - / - / -	FY 201 Base Qty (Eacl Total Cost (	14	FY 2014 OCO Qty (Each) / Total Cost (\$ M - / - - / - - / - - / -	Qty Total (	(Each) / (Cost (\$ M) 0 / 0.000 - / - / - / / / / / / / / / / / - / / / / / / / / / / / -	Qty (Eac Total Cost	ch) / (\$ M ) / 0.000 / - / - / - / -	FY 20 Qty (Eac Total Cost  0 /	16 n) / 5 s M / 5 0.000 / - / - / - / - / - / - / - / - / - / -	FY 2 Qty (E Total Co	(ach) / st (\$ M) 0 / 0.000 / - / - / -	Qty (Each) Total Cost (\$ 0 / 0 / - / - /	.000 	Comp Oty (Ea Total Cos  0	Diete ach) / et (\$ M ) / 0.000 / - / - / - / -	Qty (E: Total Cost	each) / st (\$ M ) 0 / 0.000 / - / - / - / -
Installa All Prior Y FY 2012 FY 2013 FY 2014 FY 2015 FY 2016 FY 2017	ation Co		ng Safe	ety/Tra	nsmiss	Prior  Oty (E Total Co	Years ach) / st (\$ M) 0 / 0.000 0 / 0.000 0 / 0.000 0 / 0.000 0 / 0.000 0 / 0.000 0 / 0.000	FY 2012  Qty (Each)  Total Cost (\$ 0 / 0.  - /  - /  - /  - /  - /  - /  - /	2 )/ :M) .000 - - - - -	FY 20  Qty (Eac Total Cost  0 )	h113 ch) / (\$ M) / 0.000 / - / - / - / - / - / -	FY 201 Base Qty (Eact) 70tal Cost (	14	FY 2014 OCO Qty (Each) / Total Cost (\$ M - / - - / - - / - - / - - / - - / - - / -	Qty Total (	(Each) / (Cost (\$ M) 0 / 0.000 - / - / / / / / / / / / / / - / / / / / / / / / / / -	Qty (Eac Total Cost	ch) / (\$ M) / 0.000 / - / - / - / - / - / -	FY 20 Qty (Eac Total Cost	16 (n) / (7 (n)	FY 2 Qty (E Total Co	(ach) / st (\$ M) 0 / 0.000 / - / - / - / - / -	Qty (Each) Total Cost (\$ 0 / 0 / - / - / - / - / - / - /	.000 	Comp  Qty (Ea Total Cos  0	ach) / t (\$ M) / 0.000 / - / - / - / - / - / -	Qty (E. Total Cos	each) / st (\$ M ) 0 / 0.000  / - / - / - / - / - / - / -
Installa All Prior Y FY 2012 FY 2013 FY 2014 FY 2015 FY 2016 FY 2017 FY 2018 To Compl	ation Co	ost		ety/Tra	nsmiss	Prior  Qty (E Total Co	Years ach) / st (\$ M) 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  Qty (Each)  Total Cost (\$ 0 / 0.  - /  - /  - /  - /  - /  - /  - /  -	2 )/(SM) .000 - - - - - -	FY 20  Qty (Eac Total Cost  0 /	(\$ M) (\$ M) (0.000 ( - ( - ( - ( - ( - ( - ( -	FY 201 Base Qty (Eacl Total Cost (	14 3 h) / (\$ M) 7 0.000 / - / - / - / - / - / - / - / - / - / -	FY 2014 OCO  Qty (Each) / Total Cost (\$ M - / / / / / / / / / / / -	Qty Total (	Total (Each) / Cost (\$ M) 0 / 0.000 - / / / / / / / / / -	Oty (Eac Total Cost	ch) / (\$ M ) / 0.000 / - / - / - / - / - / - / - / - / -	FY 20  Qty (Ear Total Cost  0)	16 h) / 5 M ) 7 7 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	FY 2 Qty (E	(ach) / st (\$ M ) 0 / 0.000 / - / - / - / - / - / -	Oty (Each) Total Cost (\$ 0 / 0 - / - / - / - / - / - / - / - / - /	.000 - - - - - -	Comp Qty (Ea Total Cos 0 - - - - - -	ach) / tt (\$ M) / 0.000 / - / - / - / - / - / - / - / -	Qty (E: Total Cos  (	each) / st (\$ M , 0 / 0.000 / - / - / - / - / - / - / - / - / -
Installa All Prior Y FY 2012 FY 2013 FY 2014 FY 2015 FY 2016 FY 2017 FY 2018 To Compl	ation Co	ost	ule		nsmiss	Prior  Qty (E Total Co	Years ach) / st (\$ M) 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  Qty (Each) Total Cost (\$ 0 / 0.  - / - / - / - / - / - / - / - / - / -	2 )/(SM) .000 - - - - - -	FY 20  Oty (Eac Total Cost	(\$ M) (\$ M) (0.000 (	FY 201 Base  Qty (Eacl Total Cost (	14 3 h) / (\$ M) 7 0.000 / - / - / - / - / - / - / - / - / - / -	FY 2014 OCO  Qty (Each) / Total Cost (\$ M -	Qty Total (	(Each) / Cost (\$ M ) 0 / 0.000 - / / / / / / / / / / / / / -	Oty (Eac Total Cost	ch) / (\$ M ) / (0.000 / - / - / - / - / - / - / - / - / -	FY 20  Qty (Eac Total Cost  0 )	16 (n) / (n)	FY 2 Qty (E Total Co	(ach) / st (\$ M ) (b) 0 / 0.000 (c) - (c)	Oty (Each) Total Cost (\$ 0 / 0.  - / - / - / - / - / - / - / - / - / -	.000 	Comp Qty (Ea Total Cos 0 - - - - - -	Diete   Color   Colo	Qty (E: Total Cos  (  -  -  -  -  -  -  -	Each) / st (\$ M , 0 / 0.000 / - / - / - / - / - / - / - / - / -
Installa All Prior Y FY 2012 FY 2013 FY 2014 FY 2015 FY 2016 FY 2017 FY 2018 To Compl Total Installa	ation Co	chedu	ule FY 2	2012		Prior  Qty (E Total Co	Years ach) / st (\$ M) 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  Qty (Each)  Total Cost (\$ 0 / 0.  - / - / - / - / - / - / - / - / - / -	2 () () () () () () () () () () () () () (	FY 20  Qty (Eac Total Cost 0 )	h13 ch) / (\$ M) / 0.000 / - / - / - / - / - / - / -	FY 201 Base Qty (Eact Total Cost (	14	FY 2014 OCO  Qty (Each) / Total Cost (\$ M -	Qty Total (	(Each) / (Cost (\$ M ) 0 / 0.000 - / - / - / - / / / / / / / / / / / - / / / / / / / / / / / - / / / / / / / / / / / - / / / / / / / / / / / - / / / / / - / / / / / /	Oty (Eac Total Cost Total Cost	ch) / (\$ M) / (\$ M) / (0.000 / - / - / - / - / - / - / - / - / -	FY 20  Qty (Eact Total Cost 0 /	116 (n) / (n	FY 2     Qty (E     Total Co     -    -     -     -     -     -     -     -     -     -     -     -	(ach) / st (\$ M ) (0 / 0.000) (1 -	Oty (Each) Total Cost (\$ 0 / 0 - / - / - / - / - / - / - / - / - / - /	)/ / M) 	Comp Oty (Ee Total Cos 0	blete ach) / t (\$M) // 0.000 / - / - / - / - / - / - / - / - / - / -	Qty (E: Total Cost	Each) / st (\$ M , 0 / 0.000  / - / - / - / - / - / - / - / - / - /
Installa All Prior Y FY 2012 FY 2013 FY 2014 FY 2015 FY 2016 FY 2017 FY 2018 To Compl Total Installa	ation Co	ost	ule		nsmiss 4	Prior  Qty (E Total Co	Years ach) / st (\$ M ) 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  Qty (Each) Total Cost (\$ 0 / 0.  - / - / - / - / - / - / - / - / - / -	2 )/(SM) .000 - - - - - -	FY 20  Oty (Eac Total Cost	(\$ M) (\$ M) (0.000 (	FY 201 Base  Qty (Eacl Total Cost (	14 3 h) / (\$ M) 7 0.000 / - / - / - / - / - / - / - / - / - / -	FY 2014 OCO  Qty (Each) / Total Cost (\$ M -	Qty Total (	(Each) / Cost (\$ M ) 0 / 0.000 - / / / / / / / / / / / / / -	Oty (Eac Total Cost	ch) / (\$ M) / (\$ M) / (0.000 / - / - / - / - / - / - / - / - / -	FY 20  Qty (Eac Total Cost  0 )	16 (n) / (n)	FY 2 Qty (E Total Co	(ach) / st (\$ M ) (0 / 0.000) (1 -	Oty (Each) Total Cost (\$ 0 / 0.  - / - / - / - / - / - / - / - / - / -	.000 	Comp Qty (Ea Total Cos 0 - - - - - -	Diete   Color   Colo	Qty (E: Total Cos  (  -  -  -  -  -  -  -	ach) / st (\$ M ) 0 / 0.000  / - / - / - / - / - / - / - / - / - /
Installa All Prior Y FY 2012 FY 2013 FY 2014 FY 2015 FY 2016 FY 2017 FY 2018 To Compl Total Installa	lete  APY	chedu	ule FY 2	2012		Prior  Qty (E Total Co	Years ach) / st (\$ M ) 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 0 / 0.000	FY 2012  Qty (Each)  Total Cost (\$ 0 / 0.  - / - / - / - / - / - / - / - / - / -	2 () () () () () () () () () () () () () (	FY 20  Qty (Eac Total Cost 0 )	h13 ch) / (\$ M) / 0.000 / - / - / - / - / - / - / -	FY 201 Base Qty (Eact Total Cost (	14	FY 2014 OCO  Qty (Each) / Total Cost (\$ M -	Qty Total (	(Each) / (Cost (\$ M ) 0 / 0.000 - / - / - / - / / / / / / / / / / / - / / / / / / / / / / / - / / / / / / / / / / / - / / / / / / / / / / / - / / / / / - / / / / / /	Oty (Eac Total Cost Total Cost	ch) / (\$ M) / (\$ M) / (0.000 / - / - / - / - / - / - / - / - / -	FY 20  Qty (Eact Total Cost 0 /	116 (n) / (n	FY 2     Qty (E     Total Co     -    -     -     -     -     -     -     -     -     -     -     -	(ach) / st (\$ M ) (0 / 0.000) (1 -	Oty (Each) Total Cost (\$ 0 / 0 - / - / - / - / - / - / - / - / - / - /	)/ / M) 	Comp Oty (Ee Total Cos 0	blete ach) / t (\$M) // 0.000 / - / - / - / - / - / - / - / - / - / -	Qty (E: Total Cost	Each) / st (\$ M , 0 / 0.000  / - / - / - / - / - / - / - / - / - /

LI GZ2400 - Bradley Program (MOD) Army

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

Appropriation / Budget Activity / Budget Sub Activity:

P-1 Line Item Nomenclature:

2033A: Procurement of W&TCV, Army / BA 01: Tracked Combat Vehicles / BSA 20: GA0400 - Howitzer, Med Sp Ft 155MM M109A6 (MOD)

Modification Of Tracked Combat Vehicles

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

Program Elements for Code B Items: 0604854A

Other Related Program Elements: 0604854A

MDAP/MAIS Code(s):

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
-	-	-	-	-	-	-	-	-	-	-	-
1,844.988	46.876	10.341	4.769	-	4.769	49.333	43.788	-	-	3,566.716	5,566.811
-	-	-	-	-	-	-	-	-	-	-	-
1,844.988	46.876	10.341	4.769	-	4.769	49.333	43.788	-	-	3,566.716	5,566.811
-	-	-	-	-	-	-	-	-	-	-	-
1,844.988	46.876	10.341	4.769	-	4.769	49.333	43.788	-	-	3,566.716	5,566.811
(The following	Resource Sum	mary rows are fo	r informational p	urposes only. Th	he corresponding	budget requests	s are documente	d elsewhere.)			
-	-	-	-	-	-	-	-	-	-	-	-
	Years - 1,844.988 - 1,844.988 - 1,844.988	Years FY 2012  1,844.988 46.876  1,844.988 46.876  - 1,844.988 46.876	Years         FY 2012         FY 2013#           -         -         -           1,844.988         46.876         10.341           -         -         -           1,844.988         46.876         10.341           -         -         -           1,844.988         46.876         10.341	Years         FY 2012         FY 2013#         Base           -         -         -         -           1,844.988         46.876         10.341         4.769           -         -         -         -           1,844.988         46.876         10.341         4.769           -         -         -         -           1,844.988         46.876         10.341         4.769	Years         FY 2012         FY 2013#         Base         OCO##           -         -         -         -         -           1,844.988         46.876         10.341         4.769         -           -         -         -         -         -           1,844.988         46.876         10.341         4.769         -           1,844.988         46.876         10.341         4.769         -	Years         FY 2012         FY 2013#         Base         OCO##         Total           -         -         -         -         -         -           1,844.988         46.876         10.341         4.769         -         4.769           -         -         -         -         -         -           1,844.988         46.876         10.341         4.769         -         4.769           -         -         -         -         -         -         -           1,844.988         46.876         10.341         4.769         -         4.769	Years         FY 2012         FY 2013#         Base         OCO##         Total         FY 2015           -         -         -         -         -         -         -         -           1,844.988         46.876         10.341         4.769         -         4.769         49.333           -         -         -         -         -         -         -           1,844.988         46.876         10.341         4.769         -         4.769         49.333           -         -         -         -         -         -         -           1,844.988         46.876         10.341         4.769         -         4.769         49.333	Years         FY 2012         FY 2013#         Base         OCO##         Total         FY 2015         FY 2016           -         -         -         -         -         -         -         -           1,844.988         46.876         10.341         4.769         -         4.769         49.333         43.788           -         -         -         -         -         -         -         -           1,844.988         46.876         10.341         4.769         -         4.769         49.333         43.788           -         -         -         -         -         -         -         -           1,844.988         46.876         10.341         4.769         -         4.769         49.333         43.788	Years         FY 2012         FY 2013#         Base         OCO##         Total         FY 2015         FY 2016         FY 2017           -	Years         FY 2012         FY 2013#         Base         OCO##         Total         FY 2015         FY 2016         FY 2017         FY 2018	Years         FY 2012         FY 2013#         Base         OCO##         Total         FY 2015         FY 2016         FY 2017         FY 2018         Complete           -

	( i ne rollowing	Resource Sumi	mary rows are to	or intormational p	urposes only. 11	ne corresponaing	g buaget request	s are documente	ea eisewnere.)			
Initial Spares (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Flyaway Unit Cost (Units in Thousands)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost (Units in Thousands)	-	-	-	-	-	-	-	-	-	-	-	-

FY 2013 Program is from the FY 2013 President's Budget, submitted February 2012

### **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.

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

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

Appropriation / Budget Activity / Budget Sub Activity:

P-1 Line Item Nomenclature:

2033A: Procurement of W&TCV, Army / BA 01: Tracked Combat Vehicles / BSA 20: GA0400 - Howitzer, Med Sp Ft 155MM M109A6 (MOD) Modification Of Tracked Combat Vehicles

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

Program Elements for Code B Items: 0604854A

Other Related Program Elements: 0604854A

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

Item Sche	edule		P	rior Yea	's		FY 2012			FY 2013		FY	2014 Ba	ise	FY	′ 2014 O	CO	FY	2014 To	tal
Item Nomenclature*	Exhibits	CD	Unit Cost	Qty (Each)	Total Cost															
None - Paladin/FAASV Modification Program	P3A		-	-	1,844.988	-	-	46.876	-	-	10.341	-	-	4.769	-	-	-	-	-	4.769
Total Gross/Weapon System Cost					1,844.988			46.876			10.341			4.769			-			4.769
Item Sche	edule			FY 2015			FY 2016			FY 2017			FY 2018		To	Comple	ete		Total	
Item Nomenclature*	Exhibits	ID	Unit Cost	Qty (Each)	Total Cost															
None - Paladin/FAASV	P3A		-	-	49.333	-	-	43.788	-	-	-	-	-	-	-	-	3,566.716	-	-	5,566.811
Modification Program																				

<sup>\*</sup>Item Nomenclature represents Item Number, DODIC, and Item Name for the P40A and P5; Name for the P48 and P23; Modification Number and Modification Title for the P3A; Item Number and Item Name for the P40.

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.

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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	GA0400 - Howitzer, Med Sp Ft 155MM M109A6	(MOD)  Modification Nomenclature  (MOD)  (Modification Number - Modification  Title):  None - Paladin/FAASV Modification  Program
Models of Systems Affected: M109 Howitzer and	Type Modification: Unclassified	Related RDT&E PEs:

M992 FAASV Vehicles												
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)	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 (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (\$ in Millions)	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 (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (\$ in Millions)	1,844.988	46.876	10.341	4.769	-	4.769	49.333	43.788	-	-	3,566.716	5,566.811
	(The following	Resource Sumi	mary rows are fo	r informational p	urposes only. Ti	he corresponding	budget requests	s are documente	d elsewhere.)		,	
Initial Spares (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-

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

## **Description:**

(Units in Thousands)

Gross/Weapon System Unit Cost

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.

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

Exhibit P-3A, Individual Modification: PB 2014 Army
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)

Date: April 2013

**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:

	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
Financial Plan	Qty (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			•	'		'				'		J
Prior Years Closed Mods												
A Kits												
Recurring												
Prior Closed Mods	0 / 1,839.744	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	1,839.74
Subtotal Recurring	0 / 1,839.744	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- 1,839.74
Total, Prior Years Closed Mods	0 / 1,839.744	- / -	- /-	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- 1,839.74
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	3,587.69
Subtotal Recurring	0 / 0.000	- / -	- /5.709	- /3.599	- / -	- /3.599	- /5.785	- /5.889	- / -	- / -	- / 3,566.716	3,587.69
Total, Paladin System Technical Support - Contr	0 / 0.000	- / -	- /5.709	- /3.599	- / -	- /3.599	- /5.785	- /5.889	- / -	- / -	- / 3,566.716	- 3,587.69
Paladin Program Office												
A Kits												
Recurring												
PM Support	0 / 1.242	- / 1.218	- /1.000	- /1.170	- / -	- / 1.170	- / 1.191	- /1.212	- / -	- / -	- / -	- /7.03
Subtotal Recurring	0/1.242	- /1.218	- /1.000	- /1.170	- / -	- /1.170	- /1.191	- /1.212	- / -	- / -	- / -	- /7.03
Total, Paladin Program Office	0 / 1.242	- /1.218	- /1.000	- /1.170	- / -	- /1.170	- /1.191	- /1.212	- / -	- / -	- / -	- /7.03
Paladin TADSS												
A Kits												
Recurring												
Training Devices	0 / 4.002	- / -	- / 0.132	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- /4.13
Subtotal Recurring	0/4.002	- / -	- /0.132	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- /4.13
Total. Paladin TADSS	0/4.002	- / -	- /0.132	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- /4.13

**UNCLASSIFIED** 

Exhibit P-3A, Individual Modification: PB 2014 Army

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)

Date: April 2013

**Modification Nomenclature** 

(Modification Number - Modification

Title):

None - Paladin/FAASV Modification

Program

Models of Systems Affected: M109 Howitzer and

Type Modification: Unclassified

Related RDT&E PEs:

	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
Financial Plan	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M )	Qty (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 / 1.79
Subtotal Recurring	0 / 0.000	- / -	10 / 1.795	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	10 / 1.79
Total, Paladin Digital Fire Control System - Replacement	0 / 0.000	- / -	10 / 1.795	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	10 / 1.79
Dynamic Reference Unit Hybrid - Replacement												
A Kits												
Recurring												
DRUH-R	0 / 0.000	- / -	10 / 1.705	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	10 / 1.70
Subtotal Recurring	0 / 0.000	- / -	10 / 1.705	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	10 / 1.70
Total, Dynamic Reference Unit Hybrid - Replacement	0 / 0.000	- / -	10 / 1.705	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	10 / 1.70
Paladin Fire Control System												
A Kits												
Recurring												
Kit Quantity	0 / 0.000	51 / 45.658	- / -	- / -	- / -	- / -	92 / 42.357	76 / 36.687	- / -	- / -	- / -	219 / 124.70
Subtotal Recurring	0 / 0.000	51 / 45.658	- / -	- / -	- / -	- / -	92 / 42.357	76 / 36.687	- / -	- / -	- / -	219 / 124.70
Total, Paladin Fire Control System	0 / 0.000	51 / 45.658	- / -	- / -	- / -	- / -	92 / 42.357	76 / 36.687	- / -	- / -	- / -	219 / 124.70
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 / 5,566.81
Total Procurement and Support	1,844.988	46.876	10.341	4.769	-	4.769	49.333	43.788	-	-	3,566.716	5,566.81
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 / -

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Exhibit P-3A, Individual Modification: PB 2014 Army		Date: April 2013	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 M109	Modification Nomenclature (Modification Number - Modification Title): None - Paladin/FAASV Modification Program	Sp Ft 155MM M109A6 (MOD)  (Modification Number - Modification  Title):  None - Paladin/FAASV Modification

Models of Systems Affected: M109 Howitzer and M992 FAASV Vehicles

Type Modification: Unclassified

Related RDT&E PEs:

	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
Financial Plan	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 / -
Total Installation Cost	0 / 0.000	- / -	- / -	20 / -	- / -	20 / -	39 / -	58 / -	84 / -	38 / -	- / -	239 / -
Total Cost (Procurement + Support + Installation)	1,844.988	46.876	10.341	4.769	-	4.769	49.333	43.788	-	-	3,566.716	5,566.811

Exhibit P-3A, Individual Modification: PB 2014 Army Appropriation / Budget Activity / Budget Sub Activity:																							Date	: Apr	ril 201	3				
2033	A: Probat Ve	ocure	emen	t of W	/&TC\	/, Arm	ny / В.	A 01:	b Activit Tracked cked Cor			<b>Line I</b> 1 0400 -					155MN	<b>/</b> М1	109A6	(MO	D)		(Mod Title	dificat ): e - Pa		umbe	er - N	i <b>ture</b> <i>Aodific</i> Aodific		
	M992 FAASV Vehicles									Type I	Modi	ficatio	<b>n:</b> Ur	nclass	sified					Re	lated	RDT	&E P	Es:						
Manu	Manufacturer Information: Prior Years Closed Mods																													
Manufacturer Information: Prior Years Closed Mods  Manufacturer Name: x															Manuf	acture	er Location	n: x												
Admii	anufacturer Name: x dministrative Leadtime (in Months):														Produc	ction L	eadtime	(in M	fonths):											
	Dat	tes			FY	2012			FY 201	3		FY 2	2014			FY	2015			FY 2	2016			FY	2017		$\Box$	FY	2018	
Contr	act Date	es																												
Delive	rv Date	es																									1			
																				_										
Insta	Iministrative Leadtime (in Months):  Dates FY 2012 FY 2013  Intract Dates  Stallation: Prior Years Closed Mods										l of Im	plemen	tation	: x						Inst	allation	Nan	ie:							
Insta	lation:	Prior `	Years	Closed	l Mods	Pri	ior Yea	ars	FY 2012	Method FY 20		rplemen FY 20 Bas	014	FY 2			2014 otal	FY	′ 2015		allation		ie: FY 201	7	FY 20°	18		To nplete	То	otal
			Years	Closed	l Mods	Q	ty (Each)	)/	Qty (Each) /	FY 20 Qty (Ea	013 nch) /	FY 20 Bas	014 Se	FY 2 OC Qty (E	CO Each) /	<b>T</b> Qty	otal (Each) /	Qty	(Each) /	<b>F</b> '	<b>Y 2016</b> y (Each) /		<b>FY 201</b> Oty (Each	n) /	Qty (Eac	ch) /	Com	nplete Each) /	Qty (E	Each) /
	lation (		Years	Closed	I Mods	Q		) / (M) To		FY 20 Qty (Ea Total Cost	013 nch) /	FY 20 Bas Qty (Ea	014 Se	Qty (E	CO Each) /	<b>T</b> Qty	otal	Qty		<b>F</b> '	<b>Y 2016</b> y (Each) / ' Cost (\$ M	(1) Tot	FY 201 Oty (Each	n) /	Qty (Eacl	ch) / (\$ M )	Qty (I	Each) / ost (\$ M)	Qty (E Total Co	Each) / ost (\$ M
Insta	lation (		Years	Closed	I Mods	Q	ty (Each) al Cost (\$	.000	Qty (Each) / otal Cost (\$ M)	FY 20 Qty (Ea Total Cost	D13	FY 20 Bas Qty (Ea Total Cost	014 se ach) / t (\$ M )	Qty (E Total Co.	Each) / est (\$ M )	<b>T</b> Qty	Cost (\$ M)	Qty	(Each) / Cost (\$ M )	<b>F</b> '	<b>Y 2016</b> y (Each) /	(1) Tot	FY 201 Oty (Each	n) / \$ M ) To	Qty (Eacl	ch) / (\$ M )	Qty (I	nplete Each) /	Qty (E Total Co	Each) / ost (\$ M
<b>Insta</b> l	lation (		Years	Closed	I Mods	Q	ty (Each) al Cost (\$ 0 / 0	.000 .000	Qty (Each) / otal Cost (\$ M )	FY 20 Qty (Ea Total Cost	013 nch) / t (\$ M) / 0.000	FY 20 Bas Qty (Ea Total Cosi	014 Se ach) / t (\$ M ) / 0.000	Gty (E Total Co.	Each) / est (\$ M)	<b>T</b> Qty	Cost (\$ M)	Qty	(Each) / Cost (\$ M ) 0 / 0.000	<b>F</b> '	Y 2016 y (Each) / Cost (\$ M	(1) Tot	FY 201 Qty (Each al Cost (	) / \$ M ) To	Qty (Eacl	ch) / (\$ M ) 0.000 / -	Qty (I	Each) / ost (\$ M)	Qty (E Total Co	Each) / ost (\$ M )
Instal All Prior FY 201	lation (		Years	Closed	I Mods	Q	ty (Each) al Cost (\$ 0 / 0	.000 .000	Qty (Each) / otal Cost (\$ M )	FY 20 Qty (Ea Total Cosi	013 nch) / t (\$ M) / 0.000	FY 20 Bas Qty (Ea Total Cosi	014 se ach) / t (\$ M ) / 0.000	FY 2 OC Qty (E Total Co.	Each) / sst (\$ M) / - / -	<b>T</b> Qty	Cotal (Each) / Cost (\$ M) 0 / 0.000 - / -	Qty	(Each) / Cost (\$ M) 0 / 0.000	<b>F</b> '	Y 2016 y (Each) / Cost (\$ M 0 / 0.00	(1) Tot	FY 201 Qty (Each al Cost (i	) / \$ M ) To 0.000	Qty (Eacl otal Cost (	ch) / (\$ M ) 0.000 / - / -	Qty (I	Each) / ost (\$ M ) 0 / 0.000	Qty (E	Each) / ost (\$ M 0 / 0.000
Instal All Prior FY 201 FY 201	lation (Years		Years	Closed	l Mods	Q	tty (Each) al Cost (\$ 0 / 0 0 / 0	.000 .000 .000	Qty (Each) / otal Cost (\$ M ) 0 / 0.000	FY 20 Qty (Ea Total Cost	D13 ich) / t (\$ M) / 0.000 / - / -	FY 20 Bas Qty (Ea Total Cost	014 se ach) / t (\$ M ) / 0.000 / - / -	FY 2 OC Qty (E Total Co.	Each) / ost (\$ M)	<b>T</b> Qty	(Each) / Cost (\$ M) 0 / 0.000 - / -	Qty	(Each) / Cost (\$ M) 0 / 0.000 - / -	<b>F</b> '	Y 2016 y (Each) / Cost (\$ N 0 / 0.00	( Tot	EY 201  Oty (Each o / 0 - / - /	) / \$ M ) To 0.000	Qty (Eacl Total Cost ( 0 /	ch) / (\$ M ) 0.000 / - / -	Qty (I	Each) / ost (\$ M ) 0 / 0.000 - / / -	Qty (E	Each) / ost (\$ M ) 0 / 0.000
Instal All Prior FY 201 FY 201 FY 201 FY 201 FY 201	Years 2		Years	Closed	l Mods	Q	ty (Each) al Cost (\$ 0 / 0 0 / 0 0 / 0	.000 .000 .000 .000	Qty (Each) / total Cost (\$ M ) 0 / 0.000 - / / / / / / -	FY 20 Qty (Ea Total Cost 0	D13  ch) / t (\$ M) / 0.000 / - / - / - / - / -	FY 20 Bas Qty (Ea Total Cost	014 Se ach) / t (\$ M) / 0.000 / - / - / - / -	FY 2 OC Qty (E Total Co.	Each) / st (\$ M)  / - / - / - / - / - / -	<b>T</b> Qty	(Each) / (Cost (\$ M) 0 / 0.000 - / / / / / / / - / / - / - / / / / / / / / / / / -	Qty	(Each) / Cost (\$ M) 0 / 0.000 - / - / / / / / / / / / / / - / - / - / / / / / / / / / / / - / / / / / / / / / / - / / / / / / / / / / / / -	<b>F</b> '	Y 2016  y (Each) / Cost (\$ N 0 / 0.00 - / / / / -	(1) Tot	FY 201  Outy (Each Cost (	0) / (5 M ) TO 0.000	Qty (Eacl	ch) / (\$ M )  0.000  / - / - / - / - / -	Com Qty (I Total Co	Each) / ost (\$ M) 0 / 0.000 - / / / / / -	Qty (E Total Co	Each) / ost (\$ M ) 0 / 0.000 - / / / / -
Instal All Prior FY 201 FY 201 FY 201 FY 201	Years 2		Years	Closed	l Mods	Q	tty (Each) al Cost (\$ 0 / 0 0 / 0 0 / 0 0 / 0	.000 .000 .000 .000 .000	Qty (Each) / total Cost (\$ M ) 0 / 0.000 -	FY 20 Qty (Ea Total Cost 0	D13  ch) / t (\$ M )   / 0.000   / -   / -   / -   / -	FY 20 Bass Qty (Ea Total Cosi	014 Se ach) / t (\$ M ) / 0.000 / - / - / - / - / -	FY 2 OC Qty (E Total Co.	Each) / est (\$ M)  / - / - / - / - / -	<b>T</b> Qty	(Each) / (Cost (\$ M) 0 / 0.000 - / - /	Qty	(Each) / Cost (\$ M) 0 / 0.000 - / / / / -	<b>F</b> '	Y 2016 y (Each) / Cost (\$ N 0 / 0.00 - / / / / / / -	() Tot	EY 201  Outy (Each al Cost (	0) / (5 M ) TO 0.000	Qty (Eacl	ch) / (\$ M ) 0.000 / - / - / - / - / - / - / -	Com Qty (I Total Co	Each) / ost (\$ M )  0 / 0.000  - / -  - / -  - / -  - / -	Qty (E Total Co	Each) / ost (\$ M o / 0.00 - / - / / / / / / / / / / / -
Instal All Prior FY 201	Years 2 3 4 5 6 6 7		Years	Closed	l Mods	Q	tty (Each) al Cost (\$ 0 / 0 0 / 0 0 / 0 0 / 0 0 / 0 0 / 0 0 / 0 0 / 0 0 / 0 0 / 0	.000 .000 .000 .000 .000 .000 .000 .00	Qty (Each) / btal Cost (\$ M ) 0 / 0.000 -	FY 20 Qty (Ea Total Cost 0	D13  ch) / t (\$ M )  / 0.000  / -  / -  / -  / -  / -  / -  / -	FY 20 Bass Qty (Ea Total Coss	014 se sch) / t (\$ M ) / 0.000 / - / - / - / - / - / - / - / - / -	FY 2 OC Qty (E Total Co.	Each) / sst (\$ M)  / - / - / - / - / - / - / - / - / - /	<b>T</b> Qty	Total (Each) / Cost (\$ M ) 0 / 0.000 - / / / / / / / / / -	Qty	(Each) / Cost (\$ M ) 0 / 0.000 - / / / / / / / / -	<b>F</b> '	Y 2016 y (Each) / Cost (\$ N 0 / 0.00 - / / / / / / -	() Tot	FY 201  Outy (Each Cost (	) / TO .000	Qty (Eacl	ch) / (\$ M ) 0.000 / - / - / - / - / - / - / -	Com  Qty (I  Total Co	Each) / oost (\$ M ) 0 / 0.000 - / / / / / / / / / / -	Qty (E	Each) / ost (\$ M o / 0.00 - / - / -
Instal All Prior FY 201 TO Con	Years 2 3 4 5 6 6 7		Years	Closed	l Mods	Q	ty (Each) al Cost (\$ 0 / 0 0 / 0 0 / 0 0 / 0 0 / 0 0 / 0 0 / 0 0 / 0 0 / 0 0 / 0 0 / 0	.000 .000 .000 .000 .000 .000 .000 .00	Qty (Each) /  total Cost (\$ M )  0 / 0.000  -	FY 20 Qty (Ea Total Cost 0	D13 ch) / t (\$ M ) / 0.000 / - / - / - / - / - / - / - / - / - / -	FY 20 Bass Qty (Ea Total Coss) 0	014 se sch) / t (\$ M ) / 0.000 / - / - / - / - / - / - / - / - / - / -	FY 2 OC Qty (E Total Co.	Each) / sst (\$ M)  / - / - / - / - / - / - / - / - / - /	<b>T</b> Qty	(Each) / Cost (\$ M ) 0 / 0.000 - / / / / / / / / / / / / / -	Qty	(Each) / Cost (\$ M ) 0 / 0.000 - / / / / / / / / -	<b>F</b> '	Y 2016  y (Each) / 1 Cost (\$ N 0 / 0.00 - / / / / / / / / -	() Tot	FY 201 Day (Eachard Cost (	) / TO	Qty (Eacl	ch) / (\$ M) 0.000 / - / - / - / - / - / - / - / - / - / -	Com  Qty (I  Total Co	nplete Each) / ost (\$ M ) 0 / 0.000 -	Qty (E	Each) / pst (\$ M 0 / 0.00 -
Instal All Prior FY 201 TO Control	Years  2 3 4 5 5 7 3 pplete	Cost		Closed	l Mods	Q	tty (Each) al Cost (\$ 0 / 0 0 / 0 0 / 0 0 / 0 0 / 0 0 / 0 0 / 0 0 / 0 0 / 0 0 / 0	.000 .000 .000 .000 .000 .000 .000 .00	Qty (Each) / btal Cost (\$ M ) 0 / 0.000 -	FY 20 Qty (Ea Total Cost 0	D13  cch) / t (\$ M )  / 0.000  / -  / -  / -  / -  / -  / -  / -	FY 20 Bass Qty (Ea Total Coss) 0	014 se sch) / t (\$ M ) / 0.000 / - / - / - / - / - / - / - / - / -	FY 2 OC Qty (E Total Co.	Each) / sst (\$ M)  / - / - / - / - / - / - / - / - / - /	<b>T</b> Qty	Total (Each) / Cost (\$ M ) 0 / 0.000 - / / / / / / / / / -	Qty	(Each) / Cost (\$ M ) 0 / 0.000 - / / / / / / / / -	<b>F</b> '	Y 2016 y (Each) / Cost (\$ N 0 / 0.00 - / / / / / / -	() Tot	FY 201  Outy (Each Cost (	) / TO	Qty (Eacl	ch) / (\$ M) 0.000 / - / - / - / - / - / - / - / - / - / -	Com  Qty (I  Total Co	Each) / oost (\$ M ) 0 / 0.000 - / / / / / / / / / / -	Qty (E	Each) / ost (\$ M o / 0.00 - / - / -
Instal All Prior FY 201 TO Control	Years 2 3 4 5 6 6 7	Cost	lule		l Mods	Q	ty (Each) al Cost (\$\\$0 / 0.0	0 / M ) To .000 .000 .000 .000 .000 .000 .000 .00	Qty (Each) /  total Cost (\$ M )  0 / 0.000  -	FY 20 Qty (Ea Total Cost 0	D13  ch) / t (\$ M )  / 0.000  / -  / -  / -  / -  / -  / -  / -	FY 20 Bass Qty (Ea Total Coss) 0	014 se sch) / t (\$ M ) / 0.000 / - / - / - / - / - / - / - / - / - / -	FY 2 OC  Qty (E Total Co.	Each) / sst (\$ M) / - / - / - / - / - / - / - / - / - /	<b>T</b> Qty	(Each) / Cost (\$ M ) 0 / 0.000 - / / / / / / / / / / / / / / -	Qty Total	(Each) / Cost (\$ M ) 0 / 0.000 - / / / / / / / / / -	<b>F</b> '	Y 2016  y (Each) / 1 Cost (\$ N 0 / 0.00 - / / / / / / / / -	(1) Total	FY 201  Day (Each Cost (	) / TO	Qty (Eacl	ch) / (\$ M ) 0.000 / - / - / - / - / - / - / - / - / - / -	Com  Qty (I  Total Co	nplete Each) / ost (\$ M ) 0 / 0.000 -	Qty (E	Each) / pst (\$ M, 0 / 0.000 -
Instal All Prior FY 201 TO Control	lation ( Years 2 3 4 5 6 7 8 plete	Cost	lule FY	2012		Total	ty (Each) al Cost (\$0.00000000000000000000000000000000000	0/ To .0000	Qty (Each) / total Cost (\$ M ) 0 / 0.000 -	FY 20 Qty (Ea Total Cost 0	013  ch  /   (\$ M )   ( (\$ M )	FY 20 Bas  Oty (Each Total Cost)	014 se sch)/ t (\$M) / 0.000 / - / - / - / - / - / - / - / - / - / -	FY 2 OC  Qty (E Total Co.	Each) / set (\$ M) / - / - / - / - / - / - / - / - / - /	T Qty Total (	Cotal (Each) / Cost (\$ M ) 0 / 0.000 - / - / - / - / / / / / / / / / / / -	Oty Total	(Each) / Cost (\$ M ) 0 / 0.000 - / / / / / / / / / / / / -	F Qt Total	Y 2016  y (Each) / Cost (\$ N 0 / 0.00	( Total Tota	FY 201  Day (Each o / 0 - / - / - / - / - / - / - / - / - / - /	1) / 5 M ) 7. 5 M ) 7. 9.000	Oty (Eacl	(\$ M) (\$ M) 0.000 / - / - / - / - / - / - / - / - / -	Com Qty (I Total Co	nplete Each) / ost (\$ M ) 0 / 0.000 - / / / / / / / / / / / / / / -	Qty (E Total Co	Each) / ost (\$ M
Instal All Prior FY 201 To Con Total Instal	Years  2 3 4 5 5 7 3 pplete	Cost	lule		Mods  4	Q	ty (Each) al Cost (\$\\$0 / 0.0	0 / M ) To .000 .000 .000 .000 .000 .000 .000 .00	Qty (Each) /  total Cost (\$ M )  0 / 0.000  -	FY 20 Qty (Ea Total Cost 0	D13  ch) / t (\$ M )  / 0.000  / -  / -  / -  / -  / -  / -  / -	FY 20 Bass Qty (Ea Total Coss) 0	014 se sch)/ t(\$M) /0.000 /- /- /- /- /- /- /- /- /- /- /- /- /-	FY 2 OC  Qty (E Total Co.	Each) / sst (\$ M) / - / - / - / - / - / - / - / - / - /	<b>T</b> Qty	(Each) / Cost (\$ M ) 0 / 0.000 - / / / / / / / / / / / / / / -	Qty Total	(Each) / Cost (\$ M ) 0 / 0.000 - / / / / / / / / / -	<b>F</b> '	Y 2016  y (Each) / 1 Cost (\$ N 0 / 0.00 - / / / / / / / / -	(1) Total	FY 201  Day (Each Cost (	) / TO	Qty (Eacl	ch) / (\$ M ) 0.000 / - / - / - / - / - / - / - / - / - / -	Com  Qty (I  Total Co	nplete Each) / ost (\$ M ) 0 / 0.000 -	Qty (E	Each) / ost (\$ M
Instal All Prior FY 201 TO Control	lation ( Years 2 3 4 5 6 7 8 plete	Cost	lule FY 2	2012		Total	ty (Each) al Cost (\$0.00000000000000000000000000000000000	0/ To .0000	Qty (Each) / total Cost (\$ M ) 0 / 0.000 -	FY 20 Qty (Ea Total Cost 0	013  ch  /   (\$ M)   / (0.000   / -	FY 20 Bas  Oty (Each Total Cost)	014 se sch)/ t (\$M) / 0.000 / - / - / - / - / - / - / - / - / - / -	FY 2 OC Oty (E Total Co	Each) / sst (\$ M) / - / - / - / - / - / - / - / - / - /	T Qty Total (	Cotal (Each) / Cost (\$ M ) 0 / 0.000 - / - / - / / - / - / / - / - / / - / - / /	Qty Total	(Each) / Cost (\$ M ) 0 / 0.000 - / - /	F Qtt Total	Y 2016  y (Each) / 1 Cost (\$ N 0 / 0.00 - / / / / / / / / -	FY 2	FY 201 Paty (Each al Cost (A) O / (C) - (C	1) / 5 M ) 7. 5 M ) 7. 9.000	Qty (Eaci otal Cost (	(\$ M) (\$ M) 0.000 / - / - / - / - / - / - / - / - / -	Com Qty (I Total Co	nplete Each) / ost (\$ M ) 0 / 0.000 -	Qty (E Total Co	Each) / ost (\$ M , 0 / 0.000   - / - /

UNCLASSIFIED
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LI GA0400 - Howitzer, Med Sp Ft 155MM M109A6 (MOD) Army

P-1 Line #5

Exh	Exhibit P-3A, Individual Modification: PB 2014 Army Appropriation / Budget Activity / Budget Sub Activity																						Dat	e: Ap	ril 201	3				
<b>App</b> 2033	ropria 3A: Pro nbat Ve	ation ocure	/ Bud	dget t of W	Activ	i <b>ty / B</b> /, Arm	udge	<b>t Su</b> A 01		ĺ		<b>Line I</b> ( )400 -		-		-	155MN	<b>Л</b> М1	109A6	(MO	)D)		Mod (Mod Title	difica difica e):	ition N	<b>l</b> umb	er - I	ature Modific		
Models of Systems Affected: M109 Howitzer and M992 FAASV Vehicles  Manufacturer Information: Paladin System Technical Support - Cor									Туре	Modi	ficatio	n: Ur	nclass	sified					Re	lated	RDT	&E F	PEs:							
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Manu	Manufacturer Information: Paladin System Technical Support - Con Manufacturer Name: x														Manuf	acture	er Location	n: x												
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UNCLASSIFIED
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LI GA0400 - Howitzer, Med Sp Ft 155MM M109A6 (MOD) Army

FY 2012	Exhibit P-3A, Individual Modification: PB 2014 Army Appropriation / Budget Activity / Budget Sub Activity:										,													Date	e: Ap	ril 201	3				
Manufacturer Information: Paladin Program Office	2033 Com	A: Probat Ve	ocure	emen	t of W	'&TC\	/, Arn	ny / B	A 01	: Tracke	ď	G						155MI	ИM	109A6	(MO	DD)		(Mo Title	<i>difica</i> e <b>):</b> ie - Pa	tion N	umb	er - N	<i>Modific</i>		
Manufacturer Name: x		M992 FAASV Vehicles									Тур	ое Мо	dificat	ion: U	nclas	sified					Re	lated	RDT	&E F	PEs:						
Administrative Leadtime (in Months):   Production Leadtime (in Months):	Manu	Manufacturer Information: Paladin Program Office																													
Date   Program Office   Method of Implementation: N/A   Installation: Paladin Program Office   Program Off	•											,			Manuf	acture	er Location	on: x													
Contract Dates   Delivery Dates   Deli	Admir												*			Produ	ction L	_eadtime	(in N	fonths):											
Delivery Dates		Dat	es			FY	2012			FY 20	13		F	2014			FY	2015			FY 2	2016			FY	2017			FY	2018	
Installation: Paladin Program Office	Contr	act Date	es																												
Installation:   Palatin   Program Office   Fry 2014   Fry 2015   Fry 2015   Fry 2016	Delive	rv Date	es																									+			
Prior   Prio																															—
	Inatal	ation:	Palad	in Pro	gram C	office					Met	hod of	Implem	entation	n: N/A						Ins	tallatio	n Nan	ne:							-
Installation Cost	msta	Dates FY 2012 FY 2013  Ontract Dates  Elivery Dates  Stallation: Paladin Program Office																													
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FY 2014	Instal	ation (	Cost				C	ity (Each	)/ SM) T	Qty (Each) / otal Cost (\$ N	Qt 1) Total	y (Each) / Cost (\$ /\	FY B / Qty ( M) Total C	2014 ase (Each) /	Qty (I	Each) / ost (\$ M)	<b>T</b> Qty	Cost (\$ M)	Qty	(Each) / Cost (\$ M)	Qt Tota	ty (Each) / / Cost (\$ ٨	1) To:	Qty (Eac	:h) / (\$ M ) 7	Qty (Eac	ch) / (\$ M )	Com	Each) /	Qty (E Total Co	Each) / ost (\$ M
FY 2015	<b>Instal</b> All Prior	ation (	Cost				C	Oty (Each al Cost (\$ 0 / 0	) / S M ) T	Qty (Each) / Total Cost (\$ N	Qt Total	y (Each) / / <i>Cost (\$ N</i> 0 / 0.0	FY B Qty ( Total C	2014 ase (Each) / cost (\$ M ) 0 / 0.000	Gty (I	Each) / ost (\$ M )	<b>T</b> Qty	(Each) / Cost (\$ M)	Qty	(Each) / Cost (\$ M )	Qt Tota	ty (Each) / / Cost (\$ \int 0 / 0.0	1) Toi	Qty (Eac tal Cost	ch) / (\$ M ) 7	Qty (Eac Total Cost	ch) / (\$ M )	Qty (I	Each) / cost (\$ M )	Qty (E Total Co	Each) /
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LI GA0400 - Howitzer, Med Sp Ft 155MM M109A6 (MOD) Army

P-1 Line #5

Exhibit P-3A, Individual Modification: PB 2014 Army																							Date	e: Ap	oril 201	3				
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UNCLASSIFIED
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LI GA0400 - Howitzer, Med Sp Ft 155MM M109A6 (MOD) Army

P-1 Line #5

Exhibit P-3A, Individual Modification: PB 2014 Army Appropriation / Budget Activity / Budget Sub Activity:																					Date	: Ap	ril 201	3				
2033	BA: Pro	ocure	men	t of W	'&TC\	/, Arm	ny / В <i>А</i>	Sub Act 01: Trac Tracked	keď		1	<b>Line Item</b> 400 - Hov				155MN	/ М10	9A6 (I	MOD)		(Mod Title	difica ): e - Pa	<b>tion N</b> tion N aladin	lumbe	er - M	odific		
	Models of Systems Affected: M109 Howitzer and M992 FAASV Vehicles  Manufacturer Information: Paladin Digital Fire Control System - Rep											fication:	Unclas	sified					Relate	d RE	T&E P	Es:						
Manu	ıfacture	er Info	rmatio	n: Pal	adin Di	igital F	ire Co	trol Syster	n - Re	eplaceme	ent																	
Manu	Manufacturer Name: TBD													Manuf	acture	r Locatio	n: TBD											
Admir	nistrativ	e Lead	dtime (	in Mon	ths): 3									Produ	ction L	eadtime	(in Mor	ths): 1	5								*	
	dministrative Leadtime (in Months): 3  Dates FY 2012 FY 2013											FY 2014			FY 2	2015			FY 2016			FY	2017			FY	2018	
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Exhibit P-3A, Individual Modification: PB 2014 Army Appropriation / Budget Activity / Budget Sub Activity:																										Date	: Ap	ril 201	3						
2033	A: Pr bat V	ocure	emen	t of	W&	(TCV	/, Arr	ny / B	A 01	b Act : Trac acked	ked					Nom /itzer,				155M	м м	109A	6 (N	IOD)			(Mod Title)	<i>lifica</i> ): e - Pa	tion N	lumb	er	clature - <i>Modi</i> / Mod	fica		
	els of 2 FAA				fect	ted:	M109	9 Hov	/itzer	and		Type I	Modi	ficati	on: L	Inclas	sifie	ed					F	Relate	d RI	DT8	&E P	Es:							
Manu	facture	er Info	rmatio	on: C	yna	mic F	Refere	nce U	nit Hy	brid - I	Repla	cement																							
Manu	Manufacturer Information: Dynamic Reference Unit Hybrid - Replace Manufacturer Name: TBD															Ma	anufa	cture	r Locat	ion: T	BD														
Admir																Pro	oduct	tion L	eadtim	e (in I	Months	3): 15													
Administrative Leadtime (in Months): 3  Dates FY 2012 FY 2013												FY	2014		1			2015	- (	T		Y 2016				FY	2017		Т		FY 2	018			
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LI GA0400 - Howitzer, Med Sp Ft 155MM M109A6 (MOD) Army

P-1 Line #5

Exni	bit P-	3A, I	ndiv	idual	Modi	fication	on: PE	3 201	14 Army													Da	te: Ap	ril 201	3				
2033	A: Probat Ve	ocure	emen	t of W	'&TC\	/, Arm	ny / B	A 01:	Activit Tracked cked Co	Ĺ		<b>Line I</b> 0400 -					155MN	Л M109	9A6 (I	MOE	))	(M Titi No	odifica le):	i <b>tion N</b> ition N aladin	lumbe	er - M	lodifica		
	<b>els of</b> 2 FAA				cted:	M109	) How	itzer	and	Type	Mod	ificatio	on: Ur	nclass	ified					Rela	ated R	DT&E	PEs:						
Manu	facture	r Info	rmati	on: Pal	adin F	ire Cor	ntrol Sy	ystem																					
Manuf	facturer	Name	e: TB[	)											Manufa	acturer	Location	n: TBD											
Admin	nistrative	e Lead	dtime	(in Mon	ths): 3		-								Produc	tion Le	eadtime	(in Mon	ths): 1	5							-		
	Dat	tes			FY	2012			FY 201	3		FY 2	2014			FY 2	015			FY 20	16		F۱	2017			FY	2018	
Contra	act Date	es			Sep	2013										Dec 2	2014			Dec 20	015								
Delive	ry Date	es			Dec	2014					1					Mar 2	2016		N	Mar 20	017					1			
Install	lation:	Palad	lin Fire	e Contro	ol Syste	em				Method	d of In	nplemer	ntation	: x						Insta	llation N	lame:							
Install	lation:	Palad	lin Fire	e Contro	ol Syste		or Yea	re	FY 2012			FY 2	014	FY 20	- 1		2014 otal	FY 2					017	FY 20	18	Com	-	Tota	
	lation:		lin Fire	e Contro	ol Syste	Pri	ior Yea Oty (Each)	/ (	FY 2012  Qty (Each) / tal Cost (\$ M	FY 2	013 ach) /	<del>,                                      </del>	014 se ach) /	1	ach) /	To Qty (E	2014 otal Each) /	FY 20 Qty (Ea	)15	<b>FY</b>	2016 (Each) / Cost (\$ M )	FY 2  Qty (Ea	ach) /	FY 20 Qty (Eac	ch) /		plete Each) /	Total Cost	ach)
Install	lation (		lin Fire	e Contro	ol Syste	Pri	ty (Each)	M) To	Qty (Each) /	FY 20 Qty (Ea Total Cos	013 ach) /	FY 2 Bas Qty (Ea Total Cos	014 se ach) /	FY 20 OC Qty (Ea Total Cos	ach) /	Qty (E Total Co	each) /	Qty (Ea	)15	<b>FY</b>	<b>2016</b> (Each) /	FY 2  Qty (Ea	ach) /	Qty (Ead Total Cost	ch) /	Qty (E Total Co	plete Each) /	Qty (Ea Total Cost	ach) st (\$
<b>Install</b> All Prior FY 2012	lation C		lin Fire	e Contro	ol Syste	Pri	ty (Each)	M) To	Qty (Each) / tal Cost (\$ M 0 / 0.00	FY 20 Oty (Ea Total Cos	013 ach) / st (\$ M )	FY 2 Bas Qty (Ea	014 se ach) / st (\$ M)	FY 20 OC Qty (Ea Total Cos	ach) / st (\$ M)	Qty (E Total Co	Each) / ost (\$ M) 0 / 0.000	Qty (Ea Total Cos	015 ch) /	<b>FY</b> Qty (	2016 (Each) / Cost (\$ M) 0 / 0.000 12 / -	FY 2  Qty (Ea Total Cos	ach) / et (\$ M )	Qty (Ead Total Cost	ch) /	Qty (E Total Co	plete Each) / est (\$ M)	Qty (Ea Total Cost	ach) st (\$
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Install All Prior FY 2012 FY 2013 FY 2014 FY 2015	Vears  2  3  4  5		lin Fire	e Contro	ol Syste	Pri	Oty (Each) al Cost (\$ 0 / 0.0 0 / 0.0 0 / 0.0 0 / 0.0 0 / 0.0	000 000 000 000 000 000 000 000 000 00	Qty (Each) / tal Cost (\$ M	FY 20	013  ach) / bt (\$ M) / 0.000 / - / - / - / -	FY 2 Baa  Qty (Ea Total Cos	014 se ach) / st (\$ M ) 0 / 0.000 / - / - / -	FY 20 OC Qty (Ea Total Cos	ach) / st (\$ M)  / - / - / - / - / - / -	Qty (E Total Co	Datal Each) / Dost (\$ M ) 0 / 0.000 - / / / / / / - / -	Qty (Ea Total Cos 0 3 - - -	015 ch)/ ((\$ M) / 0.000 0/ - / - / -	FY Qty (	2016 (Each) / Cost (\$ M ) 0 / 0.000 12 / / - 46 / -	FY 2  Qty (Ea Total Cos Co 4  3 -	ach) / tf (\$ M )  / 0.000  / - / - / - / -	Qty (Eac Total Cost 0 / - - - - 38	ch) / (\$ M ) / (0.000 / - / - / - / - / - / - / - / - / -	Com Qty (E Total Co	plete Each) / st (\$ M ) 0 / 0.000  / - / - / - / -	Qty (Ea Total Cost 0 51 92 76	ach) st (\$ 0 / 0.0 61 / / 22 / 76 /
Install All Prior FY 2012 FY 2013 FY 2014 FY 2016 FY 2016 FY 2017	Vears  2  3  4  5  6  7		lin Fire	e Contro	ol Syste	Pri	Oty (Each) al Cost (\$ 0 / 0.0 0 / 0.0 0 / 0.0 0 / 0.0 0 / 0.0 0 / 0.0 0 / 0.0 0 / 0.0	M) To 0000 0000 0000 0000 0000 0000 0000 0	Qty (Each) / tal Cost (\$ M	FY 20  Oty (Ea  Total Cos  O	013 ach) / st (\$ M) / 0.000 / - / - / - / - / -	FY 2 Bas  Oty (Ea Total Cos	014 se ach) / st (\$ M ) 0 / 0.000 / - / - / - / - / -	FY 20 OCC  Qty (Ea Total Coss	ach) / st (\$ M) / - / - / - / - / - / - / - / - / - /	To Qty (E Total Co	Datal Each) / post (\$ M) 0 / 0.000 -	Qty (Ea Total Cos	015 ch)/ c(\$M) /0.000 0/- /- /- /- /-	FY Qty ( Total C	2016 (Each) / lost (\$ M ) 0 / 0.000 12 / / / 46 / / -	FY 2  Qty (Ea Total Cos  Co  4  3	ach) / ht (\$ M ) / 0.000 / - / - / - / - 8 / - / -	Qty (Eac Total Cost 0 / - - - - 38	ch)/ /(\$M) /0.000 /- /- /- /- /-	Com Qty (E Total Co	plete Each) / st (\$ M) 0 / 0.000	Qty (Ea Total Cost 0 51 92 76	ach) st (\$ 0 / 0.0 61 / / /
Install All Prior FY 2012 FY 2013 FY 2014 FY 2015 FY 2016 FY 2017 FY 2018	Vears  2  3  4  5  6  7		lin Fire	e Contro	ol Syste	Pri	Rety (Each) al Cost (\$ 0 / 0.0 0 / 0.0 0 / 0.0 0 / 0.0 0 / 0.0 0 / 0.0 0 / 0.0 0 / 0.0 0 / 0.0	(M) To (000) (000) (000) (000) (000) (000) (000) (000) (000) (000) (000) (000) (000)	Qty (Each) / tal Cost (\$ M	FY 20  Oty (Ea Total Cost  O	013  ach) / st (\$ M)  / 0.000  / - / - / - / - / - / - / - / -	FY 2 Bas  Oty (Es Total Cos	014 se ach) / st (\$ M) 0 / 0.000 / - / - / - / - / - / -	FY 20 OC  Qty (Ea Total Coss	ach) / st (\$ M )  / - / - / - / - / - / - / - / - / - /	To Qty (E Total Co	Datal Each) / Dost (\$ M ) 0 / 0.000 - / - / / - /	Qty (Ea Total Coss 0 3 - - - - -	015 ch)/ ((\$M)) /0.000 0/- /- /- /- /- /-	FY Qty ( Total C	2016 (Each) / Fost (\$ M ) 0 / 0.000 12 / / / / / / / -	FY 2 Qty (Ea Total Coss	ach) / st (\$ M ) / 0.000 / - / - / - 6 / - 8 / - / - / -	Qty (Eac Total Cost 0 / - - - - 388	ch) / (\$M) / (\$M) / (0.000 / - / - / - / - / - / - / - / - / -	Com	plete Each) / st (\$ M ) 0 / 0.000 / - / - / - / - / - / - / - / - / -	Qty (Ea Total Cost	ach) st (\$ 0 / 0.  st 1/ / / / / / / / / / / / / / / / / / /
Install All Prior FY 2012 FY 2013 FY 2014 FY 2015 FY 2016 FY 2017 FY 2018 To Complete the comple	Vears  2  3  4  5  6  7	Cost		e Contro	ol Syste	Pri	2ty (Each) al Cost (\$ 0 / 0.1 0 / 0.2 0 / 0.1 0 / 0.3 0 / 0.3 0 / 0.4 0 / 0.4 0 / 0.4 0 / 0.5 0 / 0.5	(M) To (000) (000) (000) (000) (000) (000) (000) (000) (000) (000) (000) (000) (000)	Qty (Each) / tal Cost (\$ M	FY 20  Oty (Ea Total Cost  O	013 ach) / st (\$ M) 7 0.000 7 - 7 - 7 - 7 - 7 - 7 - 7 - 7 - 7 - 7 -	FY 2 Bas  Oty (Es Total Cos	014 se ach) / st (\$ M) 0 / 0.000 / - / - / - / - / - / - / -	FY 20 OC  Qty (Ea Total Coss	ach) / st (\$ M) / - / - / - / - / - / - / - / - / - / -	To Qty (E Total Co	Datal  Each) / post (\$ M )  0 / 0.000  - / -  - / -  - / -  - / -  - / -  - / -  - / -  - / -  - / -  - / -  - / -  - / -  - / -	Qty (Ea Total Coss 0 3 - - - - -	015 ch) / ( (\$ M ) / 0.000 0 / - / - / - / - / - / - / -	FY Qty ( Total C	2016 (Each) / cost (\$ M ) 0 / 0.000 12 / / / / / / / / / -	FY 2 Qty (Ea Total Coss	ach) / st (\$ M ) / 0.000 / - / - / - / - 8 / - / - / - / -	Qty (Eac Total Cost 0 / - - - - 388	ch) / (\$M) / 0.000 / - / - / - / - / - / - / - / - / -	Com	plete Each) / sst (\$ M ) 0 / 0.000  / - / - / - / - / - / - / - / - / - /	Qty (Ea Total Cost	ach) / 0.0 / 0.1 / / / / / / / / / / / / / / / / / / /
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Install All Prior FY 2012 FY 2013 FY 2014 FY 2015 FY 2016 FY 2017 FY 2018 To Com Total Install	Vears 2 3 4 5 6 7 7 3 pplete	Cost	lule		ol Syste	Pri Q Tote	2ty (Each) 2d (Casch) 2d (Cost (\$ 0 / 0.0 0 / 0.0 0 / 0.0 0 / 0.0 0 / 0.0 0 / 0.0 0 / 0.0 FY 2 2	M) 70 .000 .000 .000 .000 .000 .000 .000	Oty (Each) / tal Cost (\$ M	FY 20	013 ach) / st (\$ M) / 0.000 / - / - / - / - / - / - / - / - / - / -	FY 2 Bas  Oty (Es Total Cos	014 se ach) / st (\$M) 0/0.000 / - / - / - / - / - / - / - / - / - / -	FY 20 OCC	ach) / st (\$ M)  / - / - / - / - / - / - / - / - / - /	To Qty (E Total Co	Dtal Each) / sost (\$ M ) 0 / 0.000 -	Oty (Fe Total Cost Tot	015 ch)/ ((\$M) /0.000 0/ - / - / - / - / - / - / - / - / - / -	FY Aty Total C	2016 (Each) / Fost (\$ M ) 0 / 0.000 12 / -	FY 2 Qty (E: Total Cos  C  4 3 8  FY 2017 2 3	ach) / tt (\$ M ) // 0.000 / - / - / - / - 6 / - 8 / - / - / - / - / - / - / - / - /	Oty (Eac Total Cost 0 // - - - - 38 - - - - 38	ch) / (\$M) / (\$M) / (\$M) / (\$M) / (\$M) / (\$0.000 / -   -   -   -   -   /	Com	plete Each) / st (\$ M) 0 / 0.000	Qty (Ea Total Cost	ach) st (\$ 0 / 0.  61 /  /  / 22 /  / / / / / / / / / / / / /
Install All Prior FY 2012 FY 2013 FY 2014 FY 2015 FY 2016 FY 2017 FY 2018 To Complete the comple	Years  Years  Years  Years  Years  Italian S	Cost	lule FY	2012		Pri Q Tota	aty (Each) al Cost (\$ 0 / 0.1 0 / 0.1 0 / 0.1 0 / 0.1 0 / 0.1 0 / 0.1 0 / 0.1 0 / 0.1 FY 2	M) To .000 .000 .000 .000 .000 .000 .000 .0	Qty (Each) / tal Cost (\$ M	FY 20  Qty (Ea ) Total Cos 0 0	013 ach) / st (\$ M) / 0.000 / - / - / - / - / - / - / - / -	FY 2 Bas  Oty (Ea Total Cos	014 se ach) / st (\$ M ) of (0.000) / - / - / - / - / - / - / - / - / - / -	FY 20 OC Qty (Ee Total Cos	ach) / st (\$ M) / - / - / - / - / - / - / - / - / - /	To Qty (E Total Co	Data   Each) / Ost (\$ M)   O / 0.000   - / -   - / -	Oty (Farance of Street Control	015 c(s)// (s)(s)// (o)	FY Oty Total C	2016 (Each) / lost (\$ M ) 0 / 0.000 12 / -	FY 2 Qty (Ea Total Coss Co Coss Co Coss Co Coss Co Coss Co Coss Co Coss	ach) / tt (\$ M ) // 0.000 / - / - / - / - 6 / - 8 / - / - / - / - / - / - / - / - /	Oty (Eac Total Cost	ch) / (\$ M) / (\$ 0.000 / -   -   -   -   -   -   -   -   -   -	Com	plete Each) / st (\$ M ) 0 / 0.000	Oty (Ea Total Cost Tot	ach) st (\$ 0 / 0.  st 1/ / / / / / / / / / / / / / / / / / /

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LI GA0400 - Howitzer, Med Sp Ft 155MM M109A6 (MOD) Army

P-1 Line #5

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

Appropriation / Budget Activity / Budget Sub Activity:

P-1 Line Item Nomenclature:

2033A: Procurement of W&TCV, Army / BA 01: Tracked Combat Vehicles / BSA 20: GZ0410 - Paladin Integrated Management (PIM)

Modification Of Tracked Combat Vehicles

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

**Program Elements for Code B Items:** 

**Other Related Program Elements:** 

MDAP/MAIS Code(s):

	Prior			FY 2014	FY 2014	FY 2014					То	
Resource Summary	Years	FY 2012	FY 2013 <sup>#</sup>	Base	OCO##	Total	FY 2015	FY 2016	FY 2017	FY 2018	Complete	Total
Procurement Quantity (Units in Each)	-	-	17	18	-	18	18	18	42	60	407	580
Gross/Weapon System Cost (\$ in Millions)	-	-	206.101	260.177	-	260.177	302.299	297.624	471.658	614.821	4,703.200	6,855.880
Less PY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (\$ in Millions)	-	-	206.101	260.177	-	260.177	302.299	297.624	471.658	614.821	4,703.200	6,855.880
Plus CY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (\$ in Millions)	-	-	206.101	260.177	-	260.177	302.299	297.624	471.658	614.821	4,703.200	6,855.880
	(The following	Resource Sum	mary rows are fo	r informational p	urposes only. Th	ne corresponding	budget requests	s are documente	d elsewhere.)		-	

	(The following	g Resource Sum	mary rows are fo	r informational p	ourposes only. Th	e corresponding	budget request:	s are documente	d elsewhere.)			
Initial Spares (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Flyaway Unit Cost (Units in Thousands)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost (Units in Thousands)	-	-	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

## **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.

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

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		UNC	LASSIFIED			
Exhibit P-40, Budget Item Justifi	ication Sheet: PB 20	14 Army			Date: April 2013	
<b>Appropriation / Budget Activity /</b> 2033A: Procurement of W&TCV, A Modification Of Tracked Combat V	Army / BA 01: Tracked		20: P-1 Line Item N GZ0410 - Palad		agement (PIM)	
ID Code (A=Service Ready, B=Not Service Ready) :		Program Elements for Code	B Items:	Other	Related Program Elements:	
MDAP/MAIS Code(s):						
Item Schedule	Prior Years	FY 2012	FY 2013	FY 2014 Base	FY 2014 OCO	FY 2014 Total

Item Sche	dule		Р	rior Year	's		FY 2012			FY 2013		FY	2014 Ba	se	FY	2014 O	co	FY	2014 To	tal
Item Nomenclature*	Exhibits	ID CD	Unit Cost	Qty (Each)	Total Cost	Unit Cost	Qty (Each)	Total Cost	Unit Cost	Qty (Each)	Total Cost (\$ M)	Unit Cost	Qty (Each)	Total Cost	Unit Cost	Qty (Each)	Total Cost	Unit Cost	Qty (Each)	Total Cost
GZ0410 - Paladin Integrated Management (PIM)	P5, P5A, P21		-	-	-	-	-	-	-	17	206.101	14,454.278	18	260.177	-	-	-	14,454.278	18	260.177
Total Gross/Weapon System Cost					-			-			206.101			260.177			-			260.177

<sup>\*</sup>Item Nomenclature represents Item Number, DODIC, and Item Name for the P40A and P5; Name for the P48 and P23; Modification Number and Modification Title for the P3A; Item Number and Item Name for the P40.

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

#### Justification:

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 enditems; 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.

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 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)

Date: April 2013 Item Nomenclature (Item Number - Item

Name, DODIC):

GZ0410 - Paladin Integrated

Management (PIM)

-	-	17 206.101	18 260.177		18
-	-	206.101	260 177	i i	
			200.177	-	260.177
-	-	-	-	-	-
-	-	206.101	260.177	-	260.177
-	-	-	-	-	-
-	-	206.101	260.177	-	260.177
	-		206.101		

(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> The FY 2014 OCO Request will be submitted at a later date

		All	l Prior Yea	rs		FY 2012			FY 2013		F'	Y 2014 Bas	se	F۱	/ 2014 OC	0	F	/ 2014 Tota	al
Cost Elements († indicates the presence of a P-5A)	ID CD	Unit Cost	Quantity (Each)	Total Cost (\$ M)															
Flyaway Cost																			
Recurring Cost																			
SYS ENG/ PROG MGMT (CONTRACTOR)		-	-	-	-	-	-	-	-	3.928	-	-	5.398	-	-	-	-	-	5.39
SYSTEM TECHNICAL SUPPORT		-	-	-	-	-	-	-	-	7.897	-	-	26.798	-	-	-	-	-	26.79
SYS TEST & EVALUATION (CONTRACTOR)		-	-	-	-	-	-	-	-	-	-	-	8.334	-	-	-	-	-	8.33
SYS ENG/ PROG MGMT (GOVERNMENT)		-	-	-	-	-	÷	-	-	-	-	-	18.003	-	-	-	-	-	18.00
SYS TEST & EVALUATION (GOVERNMENT)		-	-	-	-	-	-	-	-	1.059	-	-	0.807	-	-	-	-	-	0.80
TRANSPORTATION		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Total Recurring Cost				-			-			12.884			59.340			-			59.34
Non Recurring Cost																			
PRODUCTION FACILITIZATION		-	-	-	-	-	-	-	-	23.729	-	-	23.894	-	-	-	-	-	23.89
Total Non Recurring Cost				-			-			23.729			23.894			-			23.89
Total Flyaway Cost				-			-			36.613			83.234			-			83.23

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

Exhibit P-5, Cost Analysis: PB 2014 Army

P-1 Line Item Nomenclature:

Item Nomenclature (Item Number - Item Name, DODIC):

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

GZ0410 - Paladin Integrated Management (PIM)

GZ0410 - Paladin Integrated Management (PIM)

Date: April 2013

		Al	l Prior Yea	ırs		FY 2012			FY 2013		F`	Y 2014 Bas	se	F`	Y 2014 OC	)	F	Y 2014 Tot	al
Cost Elements († indicates the presence of a P-5A)	ID CD	Unit Cost	Quantity (Each)	Total Cost (\$ M)	Unit Cost	Quantity (Each)	Total Cost (\$ M)	Unit Cost	Quantity (Each)	Total Cost (\$ M)	Unit Cost	Quantity (Each)	Total Cost (\$ M )	Unit Cost	Quantity (Each)	Total Cost (\$ M)	Unit Cost	Quantity (Each)	Total Cost (\$ M)
Hardware Cost	Τ,																		
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:

Vehicles

. o itomanto	•					
	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

Exhibit P-5A, Budget Procurement History and Planning: P	B 2014 Army			[	Date: April 20	13	
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 Mana	agement (	(PIM)		tem Nomend GZ0410 - Pala Management	adin Inte	

Cost Elements († indicates the presence of a P-21)	0 0	FY	Contractor and Location	Method/Type, or Funding Vehicle	Location of PCO	Award Date	Date of First Delivery	<b>Qty</b> (Each)	Unit Cost	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			

Exhibit P-21, Budget Production Schedule: PB 2014 Army

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

Cost Elements

Date: April 2013

Item Nomenclature:
GZ0410 - Paladin Integrated Management (PIM)

Management (PIM)

			Cost Elen (Units in E									Fiscal Y	ear 2013											Fiscal \	ear 2014	ı					
					ACCEP									(	alendar	Year 20	13								Cale	ndar Yea	2014				
0 C 0	M F R #	FY	SERVICE <sup>‡</sup>	PROC QTY	PRIOR TO 1 OCT 2012	BAL DUE AS OF 1 OCT	0 C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	n N	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
MA	ANUF	ACTURI	NG																												
	1	2013	ARMY (II)	17	-	17	-	-	-	-	-	-	-	-	-	-	Α -	-	-	-	-	-	-	-	-	-	-	-	-	-	17
	1	2014	ARMY (III)	18	-	18	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	Α -	-	-	-	-	-	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

			Cost Elem (Units in E									Fiscal Y	ear 2015	i										Fiscal Y	ear 2016	;					
					ACCEP									C	alendar	Year 201	5								Caler	ndar Yea	r 2016				
0 C 0	M F R	FY	SERVICE <sup>‡</sup>	PROC QTY	PRIOR TO 1 OCT 2014	BAL DUE AS OF 1 OCT	0 C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U	J U	A U G	S E P	0 C T	N O V	D E C	J A N	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
M	ANUF	ACTURIN	NG	,																				,				,			
	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
							0	N O	D E	J A	F E B	M A R	A P R	M A	J J	Ŋ	A U G	S E	O C	N O	D E	J A N	F E B	M A	A P R	M A	Ŋ	Ŋ	A U	S E	B A

E	xhik	it P-	21, Bud	get P	rodu	ction	Sche	dule	: PB 2	2014 A	Army													Date	e: Apr	il 201	3				
2 C	33/	A: Pro	tion / B ocureme ehicles /	ent of	W&T0	CV, A	rmy /	BA 0	1: Tra	cked			<b>1 Line</b> 20410			-			jemer	nt (PII	M)			GZ0	410 -		<b>ature</b> : din Int PIM)		(ed		
			Cost Elei (Units in									Fiscal \	Year 2017											Fiscal Y	ear 2018	1					
					ACCEP	1								(	Calendar	Year 20	17				_				Caler	ndar Year	2018				
0 0	M F R	FY	SERVICE <sup>‡</sup>	PROC QTY	PRIOR TO 1 OCT 2016	BAL DUE AS OF 1 OCT	0 C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U	J U	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	J J	A U G	S E P	B A L
N	ANUF	ACTURII	NG																							•					
	1	2013	ARMY (II)	17	17	-																									-
	1	2014	ARMY (III)	18	12	6	2	1	2	1																				Ī	- 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	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	N N	L U	A U G	S E P	B A L

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)

		Product	ion Rates (Each /	Month)				Procurement Lea	dtime (Months)			
						Initia	ıl			Reor	der	
MFF	e				ALT Prior			Total After	ALT Prior			Total After
#	MFR Name - Location	MSR	1-8-5	MAX	to Oct 1	ALT After Oct 1	Mfg PLT	Oct 1	to Oct 1	ALT After Oct 1	Mfg PLT	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

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

Appropriation / Budget Activity / Budget Sub Activity:

P-1 Line Item Nomenclature:

3.469.719

2033A: Procurement of W&TCV, Army / BA 01: Tracked Combat Vehicles / BSA 20: GA0570 - Improved Recovery Vehicle (M88A2 HERCULES) Modification Of Tracked Combat Vehicles

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

**Program Elements for Code B Items:** 

3.469.719

3.480.935

**Other Related Program Elements:** 

MDAP/MAIS Code(s):

	Prior			FY 2014	FY 2014	FY 2014					То	
Resource Summary	Years	FY 2012	FY 2013 <sup>#</sup>	Base	OCO##	Total	FY 2015	FY 2016	FY 2017	FY 2018	Complete	Total
Procurement Quantity (Units in Each)	635	-	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)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (\$ in Millions)	1,704.952	7.452	107.909	111.031	-	111.031	-	-	-	-	Continuing	Continuing
	(The following	Resource Sum	mary rows are fo	or informational p	urposes only. Th	ne corresponding	budget request	s are documente	ed elsewhere.)		•	
Initial Spares (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Flyaway Unit Cost (Units in Thousands)	-	-	-	-	-	-	-	-	-	-	-	-

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

2.684.964

#### **Description:**

(Units in Thousands)

Gross/Weapon System Unit Cost

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 oun 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.

Seco	ndary 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 Sche	edule		Р	rior Year	s		FY 2012			FY 2013		FY	2014 Ba	se	FY	2014 O	co	FY	2014 To	tal
Item Nomenclature*	Exhibits	ID CD	Unit Cost (\$ K)	Qty (Each)	Total Cost	Unit Cost (\$ K)	<b>Qty</b> (Each)	Total Cost	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost	Qty (Each)	Total Cost	Unit Cost	Qty (Each)	Total Cost	Unit Cost	Qty (Each)	Total Cost
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

**UNCLASSIFIED** Page 1 of 8

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Continuina

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

Exhibit P-40, Budget Item Justification Sheet: PB 2014 Army	Date: April 2013
Appropriation / Budget Activity / Budget Sub Activity:	P-1 Line Item Nomenclature:
2033A: Procurement of W&TCV Army / BA 01: Tracked Combat Vehicles / BSA 20:	GA0570 - Improved Recovery Vehicle (M88A2 HERCIII ES)

2033A: Procurement of W&TCV, Army / BA 01: Tracked Combat Vehicles / BSA 20: |GA0570 - Improved Recovery Vehicle (M88A2 File Modification Of Tracked Combat Vehicles

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 Sche	dule			FY 2015			FY 2016			FY 2017			FY 2018		To	Comple	te		Total	
Item Nomenclature*	Exhibits	ID CD	Unit Cost	Qty (Each)	Total Cost (\$ M)	Unit Cost	Qty (Each)	Total Cost (\$ M)	Unit Cost	Qty (Each)	Total Cost (\$ M)	Unit Cost	Qty (Each)	Total Cost	Unit Cost	Qty (Each)	Total Cost	Unit Cost	Qty (Each)	Total Cost
GA0570 - Improved Recovery Vehicle (M88A2 HERCULES)	P5, P5A, P21	A	-	-	-	-	-	-	-	-	-	-	-	-		Continuing	,	,	Continuing	
Total Gross/Weapon System Cost					-			-			-			-		Continuing			Continuing	ı

<sup>\*</sup>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 \$111.031 million supports the vehicle production and the procurement of 32 M88A2 vehicles with M88 Family of Vehicles Operational Modifications with cutin during production. This vehicle production will fufill 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.

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

Appropriation / Budget Activity / Budget Sub Activity:
2033A: Procurement of W&TCV, Army / BA 01: Tracked

P-1 Line Item Nomenclature:

Item Nomenclature (Item Number - Item Name, DODIC):

Date: April 2013

2033A: Procurement of W&TCV, Army / BA 01: Tracked Combat Vehicles / BSA 20: Modification Of Tracked Combat Vehicles

GA0570 - Improved Recovery Vehicle (M88A2 HERCULES)

GA0570 - Improved Recovery Vehicle (M88A2 HERCULES)

FY 2014 FY 2014 FY 2014 Prior To OCO## FY 2013<sup>#</sup> **Resource Summary Years** FY 2012 **Base** Total FY 2015 **FY 2016 FY 2017 FY 2018** Complete Total Procurement Quantity (Units in Each) 32 32 Continuing 31 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) \_ Total Obligation Authority (\$ in Millions) 1.704.952 107.909 111.031 111.031 7.452 Continuina Continuina

	(The following F	Resource Sumi	mary rows are for ii	nformational p	urposes only. Th	ne corresponding	i budget request	s are documente	ed elsewhere.)			
Initial Spares (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost	2,684.964	-	3,480.935	3,469.719	-	3,469.719	-	-	-	-	Continuing	Continuing
(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

The FY 2014 OCO R	.0900																		
		Al	I Prior Yea	irs		FY 2012			FY 2013		F'	Y 2014 Bas	se	F	Y 2014 OC	0	F	/ 2014 Tot	al
Cost Elements († indicates the presence of a P-5A)	ID CD	Unit Cost	Quantity (Each)	Total Cost (\$ M)	Unit Cost	Quantity (Each)	Total Cost (\$ M )	Unit Cost	Quantity (Each)	Total Cost (\$ M)	Unit Cost	Quantity (Each)	Total Cost (\$ M )	Unit Cost	Quantity (Each)	Total Cost (\$ M)	Unit Cost	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			-			111.03
Total Flyaway Cost				1,704.952			7.452			107.909			111.031			-			111.03
Gross Weapon System Cost				1,704.952			7.452			107.909			111.031			-			111.031

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Page 3 of 8

**Exhibit P-5, Cost Analysis:** PB 2014 Army **Appropriation / Budget Activity / Budget Sub Activity:**2033A: Procurement of W&TCV, Army / BA 01: Tracked Combat Vehicles / BSA 20: Modification Of Tracked Combat

P-1 Line Item Nomenclature:

GA0570 - Improved Recovery Vehicle (M88A2 HERCULES)

Date: April 2013

Item Nomenclature (Item Number - Item Name, DODIC):
GA0570 - Improved Recovery Vehicle (M88A2 HERCULES)

			FY 2015			FY 2016			FY 2017			FY 2018		Te	o Complet	te		Total Cost	
Cost Elements († indicates the presence of a P-5A)	ID CD	Unit Cost	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:

Vehicles

Secon	ndary 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	_	_	-	_

Exhibit P-5A, Budget Procurement History and Planning: P	B 2014 Army	Date: April 2013
Appropriation / Budget Activity / Budget Sub Activity:	P-1 Line Item Nomenclature:	Item Nomenclature:
2033A: Procurement of W&TCV, Army / BA 01: Tracked	GA0570 - Improved Recovery Vehicle (M88A2 HERCULES)	GA0570 - Improved Recovery Vehicle
Combat Vehicles / BSA 20: Modification Of Tracked Combat		(M88A2 HERCULES)
Vehicles		

Cost Elements († indicates the presence of a P-21)	0 0	FY	Contractor and Location	Method/Type, or Funding Vehicle	Location of PCO	Award Date	Date of First Delivery	<b>Qty</b> (Each)	Unit Cost	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

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)

L.		100																													
			Cost Elem (Units in E									Fiscal Y	ear 2013)											Fiscal Ye	ar 2014						
					ACCEP										alendar	Year 201	3								Calen	ıdar Year	2014				
0 0	M F R	FY	SERVICE <sup>‡</sup>	PROC QTY	PRIOR TO 1 OCT 2012	BAL DUE AS OF 1 OCT	0 C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U	J U	A U G	S E P	0 C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U	n n	A U G	S E P	B A L
Ve	hicle	Manufac	turing - Contra	actor					,					,	,						,			,		,		,			
	1	2011	ARMY	45	-	45	-	-	-	-	-	A -	-	-	-	-	3	5	7	7	4	6	6	5	2				<u>.</u>		-
	1	2011	• MC	25	-	25	-	-	-	-	-	-	6	7	5	5	2	-	-	-	-	-	-	-	-					Ī	-
	1	2011	TOTAL	70	-	70	-	-	-	-	-	-	6	7	5	5	5	5	7	7	4	6	6	5	2					Ī	-
	1	2013	ARMY	31	-	31	-	-	-	-	-	-	Α -	-	-	-	-	-	-	-	-	-	-	-	-	-	4	3	4	4	16
	1	2014	ARMY	32	-	32	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	Α -	-	-	-	-	-	-	-	-	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	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

P-1 Line #7

C   R       PROC   OCT   AS OF   C   O   E   A   E   A   P   A   U   U   U   E   C   O   E   A   E   A   P   A   U   U   U   E																Ul	NCL	.AS	SIF	IED														
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)	Exl	hik	it P-	-21, Bu	dget	Prod	luct	tion	Sche	dule	: PB 2	2014 <i>A</i>	Army														Dat	t <b>e:</b> Ap	ril 201	3				
Control   First   Fi	203 Cor	33/ mb	A: Propat V	ocurem	ent d	of W&	TC	v, Ar	my / l	BA 0	1: Tra	acked										le (N	188A2	2 HEF	RCULI	ES)	GA	0570	- Impr	oved	Reco	very \	/ehicl	e
N														Fiscal Y	ear 201	5											Fiscal	Year 201	6					
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Exhibit P-21, Budget Production Schedule: PB 2014 Army		Date: April 2013
11	P-1 Line Item Nomenclature: GA0570 - Improved Recovery Vehicle (M88A2 HERCULES)	Item Nomenclature: GA0570 - Improved Recovery Vehicle
Combat Vehicles / BSA 20: Modification Of Tracked Combat Vehicles		(M88A2 HERCULES)

		Product	ion Rates (Each /	Month)				Procurement Lea	dtime (Months)			
						Initia	ıl			Reor	der	
MFF	R				ALT Prior			Total After	ALT Prior			Total After
#	MFR Name - Location	MSR	1-8-5	MAX	to Oct 1	ALT After Oct 1	Mfg PLT	Oct 1	to Oct 1	ALT After Oct 1	Mfg PLT	Oct 1
1	BAE Systems - York PA	48.00	96.00	144.00	-	6	18	24	-	4	13	17

#### Remarks:

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 greater than 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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P-1 Line #7

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.

<sup>‡</sup> 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.

<sup>&</sup>quot;A" in the Delivery Schedule indicated the Contract Award Date.

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

Appropriation / Budget Activity / Budget Sub Activity:

P-1 Line Item Nomenclature:

2033A: Procurement of W&TCV, Army / BA 01: Tracked Combat Vehicles / BSA 20: GZ3250 - Assault Bridge (Mod)

Modification Of Tracked Combat Vehicles

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

**Program Elements for Code B Items:** 

**Other Related Program Elements:** 

MDAP/MAIS Code(s):

	Prior			FY 2014	FY 2014	FY 2014					То	
Resource Summary	Years	FY 2012	FY 2013 <sup>#</sup>	Base	OCO##	Total	FY 2015	FY 2016	FY 2017	FY 2018	Complete	Total
Procurement Quantity (Units in Each)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost (\$ in Millions)	-	-	-	2.500	-	2.500	2.500	2.500	3.550	6.000	Continuing	Continuing
Less PY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (\$ in Millions)	-	-	-	2.500	-	2.500	2.500	2.500	3.550	6.000	Continuing	Continuing
Plus CY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (\$ in Millions)	-	-	-	2.500	-	2.500	2.500	2.500	3.550	6.000	Continuing	Continuing
	(The following	g Resource Sum	mary rows are fo	or informational p	urposes only. Th	ne corresponding	g budget requests	s are documente	d elsewhere.)		-	
Initial Spares (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-

	(The following	g Resource Sum	mary rows are to	or informational p	urposes only. Ti	he corresponding	g budget request	s are documente	ed elsewhere.)			
Initial Spares (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Flyaway Unit Cost (Units in Thousands)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost (Units in Thousands)	-	-	-	-	-	-	-	-	-	-	-	-

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

#### **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 Sche	dule		Р	rior Yea	rs		FY 2012			FY 2013		FY	2014 Ba	ise	F۱	2014 O	co	F۱	/ 2014 To	otal
Item Nomenclature*	Exhibits	ID CD	Unit Cost	Qty (Each)	Total Cost															
000000000 - Assault Bridge Modifications	РЗА		-	-	-	-	-	-	-	-	-	-	-	2.500	-	-	-	-	-	2.500
Total Gross/Weapon System Cost					-			-			-			2.500			-			2.500

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

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 01: Tracked Combat Vehicles / BSA 20: Modification Of Tracked Combat Vehicles	P-1 Line Item Nomenclature: GZ3250 - Assault Bridge (Mod)	

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

Program Elements for Code B Items:

**Other Related Program Elements:** 

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

Item Sche	dule			FY 2015			FY 2016			FY 2017			FY 2018		To	Comple	te		Total	
Item Nomenclature*	Exhibits	ID CD	Unit Cost	Qty (Each)	Total Cost	Unit Cost	Qty (Each)	Total Cost (\$ M)												
000000000 - Assault Bridge Modifications	P3A		-	-	2.500	-	-	2.500	-	-	3.550	-	-	6.000		Continuing			Continuing	
Total Gross/Weapon System Cost					2.500			2.500			3.550			6.000		Continuing			Continuing	

<sup>\*</sup>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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Appropriation / Budget Activity 2033A: Procurement of W&TCV, Combat Vehicles / BSA 20: Modif Vehicles	Army / BA (	)1: Tracked	GZ	<b>Line Item</b> 1 3250 - Assa					(Modific		er - Modific	eation odifications
Models of Systems Affected: A Launch Bridge, Wolverine	rmored Veh	icle	Type Mod Insertion	ification: E	quipment U	pgrade/Tec	hnical	Related RI	OT&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)	-	-	-	2.500	-	2.500	2.500	2.500	3.550	6.000	Continuing	Continuing
Less PY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (\$ in Millions)	-	-	-	2.500	-	2.500	2.500	2.500	3.550	6.000	Continuing	Continuing
Plus CY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (\$ in Millions)	-	-	-	2.500	-	2.500	2.500	2.500	3.550	6.000	Continuing	Continuing
	(The following	g Resource Sum	nmary rows are fo	or informational p	ourposes only. Th	he corresponding	g budget request	ts are documente	d elsewhere.)		1	
Initial Spares (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost	-	-	-	-	-	-	-	-	-	-	-	-

Exhibit P-3A. Individual Modification: PB 2014 Army

#### **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.

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Date: April 2013

<sup>&</sup>lt;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

Exhibit P-3A, Individual Modification: PB 2014 ArmyDate: April 2013Appropriation / Budget Activity / Budget Sub Activity:P-1 Line Item Nomenclature:Modification Nomenclature2033A: Procurement of W&TCV, Army / BA 01: TrackedGZ3250 - Assault Bridge (Mod)(Modification Number - Modification Number - Modification Title):

Combat Vehicles / BSA 20: Modification Of Tracked Combat Vehicles

000000000 - Assault Bridge Modifications

Models of Systems Affected: Armored Vehicle
Launch Bridge. Wolverine

Type Modification: Equipment Upgrade/Technical
Insertion

Related RDT&E PEs:

Laurich Bridge, Wolverine		IIISCILI										
	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
Financial Plan	Qty (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												
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 / 8.73
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
Total Cost (Procurement + Support + Installation)	0.000	-	-	2.500	-	2.500	2.500	2.500	3.550	6.000	-	17.050

LI GZ3250 - Assault Bridge (Mod) Army

					0.1	<b></b>							
Exhibit P-3A, Indiv	idual Modific	ation: PB 2	2014 Army							Date: A	pril 2013		
Appropriation / Bu 2033A: Procuremen Combat Vehicles / E Vehicles	t of W&TCV,	Army / BA (	01: Tracked	G	<b>-1 Line Item</b>   Z3250 - Assa					(Modific		<b>enclature</b> per - Modific ult Bridge Mo	
Models of Systems Launch Bridge, Wol		rmored Veh	icle	Type Mo Insertion	dification: E	quipment <sup>(</sup>	Upgrade/Tec	hnical	Related R	DT&E PEs:			
Manufacturer Information	on: Armored Ve	hicle Launch	Bridge										
Manufacturer Name: Vari	ous					Man	ufacturer Location	on: Various					
Administrative Leadtime	(in Months): 3					Prod	uction Leadtime	(in Months): 5					
Dates	FY 20	12	FY 2013		FY 2014		FY 2015		FY 2016	F	Y 2017	FY	2018
Contract Dates					Jan 2014		Jan 2015	,	Jan 2016	Ja	an 2017	Jan	2018
Delivery Dates					Jun 2014		Jun 2015		Jun 2016	Ju	ın 2017	Jun	2018
Installation: Armored Ve	hicle Launch Bri	dge		Method of	Implementation	ղ։ Various			Installation N	lame:			
		Prior Years  Qty (Each) /	FY 2012  Qty (Each) /	FY 2013  Qty (Each)		FY 2014 OCO Qty (Each) /	FY 2014 Total	FY 2015  Qty (Each) /	FY 2016  Qty (Each) /	<b>FY 2017</b> Qty (Each) /	FY 2018  Qty (Each) /	To Complete	Total Qty (Each) /
Installation Cost		Total Cost (\$ M)	Total Cost (\$ M)	Total Cost (\$ I		Total Cost (\$ M			Total Cost (\$ M)	Total Cost (\$ M)	Total Cost (\$ M)	Total Cost (\$ M)	Total Cost (\$ M)
All Prior Years		0 / 0.000	0 / 0.000	0 / 0.0		- / -	0 / 0.000		0 / 0.000	0 / 0.000	0 / 0.000		0 / 0.000
FY 2012		0 / 0.000	-	- / -	-	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
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	APY	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	TC	Tot
In	-	-	-	-	-	-	-	-	-	-	3	-	-	-	3	-	-	-	3	-	-	-	9	-	-	-	9	-	-	-	27
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Exhibit P-3A, Indivi	dual Modific	ation: PB 2	2014 Army								Date: A	oril 2013			
Appropriation / Buc 2033A: Procurement Combat Vehicles / B Vehicles	of W&TCV,	Army / BA 0	1: Tracked	G	<b>-1 Line Item</b> Z3250 - Assa						(Modific	ation Numb	er - Modific		
Models of Systems Launch Bridge, Wolv		mored Vehi	icle	Type Mo Insertion	dification: E	quipmer	nt Up	ograde/Tec	hnical	Related RI	OT&E PEs:				
Manufacturer Information	n: Wolverine														
Manufacturer Name: Vario	ous					M	/lanufa	acturer Location	on: Various						
Administrative Leadtime (	n Months): 3					Р	roduc	tion Leadtime	(in Months): 5	j					
Dates	FY 201	12	FY 2013		FY 2014			FY 2015		FY 2016	F'	Y 2017	FY	2018	
Contract Dates					Jan 2014			Jan 2015		Jan 2016	Ja	n 2012	Jan	2018	
Delivery Dates					Jun 2014			Jun 2015		Jun 2016	Ju	ın 2017	Jun	2018	
Installation: Wolverine				Method of	Implementation	ղ։ Various	3			Installation N	lame:				
		Prior Years	FY 2012	FY 2013	FY 2014	FY 20°	14	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2017 FY 2018  Jan 2012 Jan 2018  Jun 2017 Jun 2018  FY 2018 To Complete  Qty (Each) / Otty (Each) / Total Cost (\$M) Total Cost (\$M)			
Installation Cost		Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ N	M) Total Cost (\$ M)	Qty (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 Cost (\$ M)	Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M	
All Prior Years		0 / 0.000	0 / 0.000	0 / 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 / 0.00	

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			FY 2	2012			FY 2	2013			FY 2	2014			FY 2	2015			FY 2	2016			FY 2	2017			FY 2	018			
	APY	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	тс	Tot
In	-	-	-	-	-	-	-	-	-	-	6	-	-	-	6	-	-	-	6	-	-	-	12	-	-	-	13	-	-	-	43
Out	-	-	-	-	-	-	-	-	-	-	-	-	6	-	-	-	6	-	-	-	6	-	-	-	12	-	-	-	13	-	43

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12 / 1.017

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43 / 4.367

UNCLASSIFIED
Page 6 of 6

LI GZ3250 - Assault Bridge (Mod) Army 0 / 0.000

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P-1 Line #8

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

Appropriation / Budget Activity / Budget Sub Activity:

P-1 Line Item Nomenclature:

4.496.500

4.491.429

4.654.571

2033A: Procurement of W&TCV. Army / BA 01: Tracked Combat Vehicles / BSA 20: G82925 - Assault Breacher Vehicle

Modification Of Tracked Combat Vehicles

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

**Program Elements for Code B Items:** 

4.496.500

Other Related Program Elements:

4.760.000

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Continuina

MDAP/MAIS Code(s):

	Prior			FY 2014	FY 2014	FY 2014					То	
Resource Summary	Years	FY 2012	FY 2013 <sup>#</sup>	Base	OCO##	Total	FY 2015	FY 2016	FY 2017	FY 2018	Complete	Total
Procurement Quantity (Units in Each)	62	26	10	14	-	14	14	14	1	-	Continuing	Continuing
Gross/Weapon System Cost (\$ in Millions)	221.738	97.004	50.039	62.951	-	62.951	62.880	65.164	4.760	3.000	Continuing	Continuing
Less PY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	_	-
Net Procurement (P1) (\$ in Millions)	221.738	97.004	50.039	62.951	-	62.951	62.880	65.164	4.760	3.000	Continuing	Continuing
Plus CY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (\$ in Millions)	221.738	97.004	50.039	62.951	-	62.951	62.880	65.164	4.760	3.000	Continuing	Continuing
	(The following	g Resource Sum	nmary rows are fo	or informational p	urposes only. Th	ne corresponding	budget request	s are documente	ed elsewhere.)	1	,	
Initial Spares (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	_	-
Flyaway Unit Cost (Units in Thousands)	-	-	_	-	-	-	-	-	-	-	-	-

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

3.576.419

3.730.923

5.003.900

#### **Description:**

(Units in Thousands)

Gross/Weapon System Unit Cost

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

Secon	ndary 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 LI G82925 - Assault Breacher Vehicle

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P-1 Line #9

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

								UNC	CLASS	SIFIED	)													
Exhibit P-40, Bud	nibit P-40, Budget Item Justification Sheet: PB 2014 Army														Date: April 2013									
<b>Appropriation / E</b> 2033A: Procurem Modification Of Tr	ent of W&T0	CV, A	rmy / B				Vehicle	es / BSA	I		Item No - Assaul			icle										
ID Code (A=Service Read	D Code (A=Service Ready, B=Not Service Ready) : Program Elements for Code B Ite												ms: Other Related Program Elements:											
MDAP/MAIS Code(s)	:																							
Item Schedule			Prior Years			FY 2012				FY 2013			FY 2014 Base			FY 2014 OCO			FY 2014 Total					
Item Nomenclature*	Exhibits	ID CD	Unit Cost	Qty (Each)	Total Cost	Unit Cost	Qty (Each)	Total Cost	Unit Cost	Qty (Each)	Total Cost	Unit Cost	Qty (Each)	Total Cost	Unit Cost	Qty (Each)	Total Cost	Unit Cost	Qty (Each)	Total Cos				
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	62.95				
Total Gross/Weapon System Cost					221.738			97.004			50.039			62.951			-			62.951				
Item Schedule			FY 2015			FY 2016			FY 2017			FY 2018			To Complete			Total						
Item Nomenclature*	Exhibits	ID CD	Unit Cost	Qty (Each)	Total Cost	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost	Qty (Each)	Total Cost (\$ M)	Unit Cost	Qty (Each)	Total Cost (\$ M)	Unit Cost	Qty (Each)	Total Cost	Unit Cost	Qty (Each)	Total Cos				
G82925 - Assault Breacher Vehicle	P5, P5A, P21		-	-	-	-	-	-	-	-	-	-	-	-	Continuing			Continuing						
Total Gross/Weapon System Cost					62.880			65.164			4.760			3.000	Continuing			Continuing						
*Item Nomenclature repre	esents Item Numb	er, DO	DIC, and I	tem Name	for the P40	A and P5;	Name for t	he P18 and	1 P23; Mod	lification N	umber and	Modificatio	n Title for t	he P3A; Ite	em Number	and Item	Name for th	ıe P10.						
Justification: FY 2014 Base procubarrier obstacles, ar In accordance with defense missions, d	nd mark cleared Section 1815 of	l lanes the F	s for follov Y 2008 N	ving heav ational D	y combat efense Au	forces wh	ile mainta n Act (P.L	aining pac 110-181	e with the	em throug	ghout high	intensity	combat c	perations										

LI G82925 - Assault Breacher Vehicle Army

Exhibit P-5, Cost Analysis: PB 2014 Army

P-1 Line Item Nomenclature:

G82925 - Assault Breacher Vehicle

Item Nomenclature (Item Number - Item

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

Name, DODIC):

Date: April 2013

G82925 - Assault Breacher Vehicle

Vehicles

Resource Summary	Prior Years	FY 2012	FY 2013 <sup>#</sup>	FY 2014 Base	FY 2014 OCO##	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total
Procurement Quantity (Units in Each)	-	26	10	14	-	14	-	-	-	-	Continuing	Continuing
Gross/Weapon System Cost (\$ in Millions)	221.738	97.004	50.039	62.951	-	62.951	-	-	-	-	Continuing	Continuing
Less PY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (\$ in Millions)	221.738	97.004	50.039	62.951	-	62.951	-	-	-	-	Continuing	Continuing
Plus CY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (\$ in Millions)	221.738	97.004	50.039	62.951	-	62.951	-	-	-	-	Continuing	Continuing
	(The following	Resource Sumi	mary rows are fo	r informational p	urposes only. Ti	ne corresponding	budget request	s are documente	ed elsewhere.)	*	*	-
Initial Spares (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost (Units in Thousands)	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

		Al	I Prior Yea	rs		FY 2012			FY 2013		F`	/ 2014 Bas	e	F۱	/ 2014 OC	0	F'	Y 2014 Tota	al
Cost Elements († indicates the presence of a P-5A)	ID CD	Unit Cost	Quantity (Each)	Total Cost (\$ M)	Unit Cost	Quantity (Each)	Total Cost												
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	40.5
Government Furnished Equipment		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Full Width Mine Plow		-	-	-	-	-	-	-	-	-	287.000	8	2.296	-	-	-	287.000	8	2.2
2. Combat Dozer Blade		-	-	-	-	-	-	-	-	-	140.000	4	0.560	-	-	-	140.000	4	0.5
3. High Lift Adapter		-	-	-	-	-	-	-	-	-	167.000	14	2.338	-	-	-	167.000	14	2.33
<ol> <li>Lane Marking System</li> </ol>		-	-	-	-	-	-	-	-	-	165.000	14	2.310		-	-	165.000	14	2.3
5. Linear Demolition Control System		-	-	-	-	-	-	-	-	-	150.000	14	2.100	-	-	-	150.000	14	2.10
6. Integrated Vision System		-	-	-	-	-	-	-	-	-	280.000	14	3.920	-	-	-	280.000	14	3.92
7. Hull Integration Kit		-	-	-	-	-	-	-	-	-	16.000	14	0.224	-	-	-	16.000	14	0.22
8. Embedded Diagnostic Kit		-	-	-	-	-	-	-	-	-	35.000	14	0.490	-	-	-	35.000	14	0.49
Fielding		-	-	7.980	-	-	8.000	-	-	3.222	-	-	3.712	-	-	-	-	-	3.7

LI G82925 - Assault Breacher Vehicle Army

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Exhibit P-5, Cost Analysis: PB 2014 Army

P-1 Line Item Nomenclature:

G82925 - Assault Breacher Vehicle

Item Nomenclature (Item Number - Item

Name, DODIC):

Date: April 2013

G82925 - Assault Breacher Vehicle

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

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

			FY 2015			FY 2016			FY 2017			FY 2018		To	o Complet	е		Total Cost	į
	ID CD	Unit Cost	Quantity (Each)	Total Cost (\$ M)	Unit Cost	Quantity (Each)	Total Cost (\$ M)	Unit Cost	Quantity (Each)	Total Cost (\$ M)	Unit Cost	Quantity (Each)	Total Cost (\$ M )	Unit Cost	Quantity (Each)	Total Cost (\$ M)	Unit Cost	Quantity (Each)	Total Cost (\$ M)
Flyaway Cost									,						,				
Recurring Cost																			
† Hardware		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Government Furnished Equipment		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Full Width Mine Plow		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2. Combat Dozer Blade		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3. High Lift Adapter		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
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		-	-	-	-	-	-	-	-	-	_	_	_	-	-	_	_	_	-

LI G82925 - Assault Breacher Vehicle Army

**UNCLASSIFIED** Page 4 of 10

**Exhibit P-5, Cost Analysis:** PB 2014 Army **Appropriation / Budget Activity / Budget Sub Activity:**2033A: Procurement of W&TCV, Army / BA 01: Tracked
Combat Vehicles / BSA 20: Modification Of Tracked Combat

P-1 Line Item Nomenclature:

G82925 - Assault Breacher Vehicle

Date: April 2013
Item Nomenclature (Item Number - Item

Name, DODIC):

G82925 - Assault Breacher Vehicle

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

#### P-5 Remarks:

Vehicles

Secon	dary 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	-	-	-	-

Exhibit P-5A, Budget Procurement History and Planning: PB 2014 Army

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

Date: April 2013

Item Nomenclature:
G82925 - Assault Breacher Vehicle
G82925 - Assault Breacher Vehicle

Cost Elements († indicates the presence of a P-21)	0 0 0	FY	Contractor and Location	Method/Type, or Funding Vehicle	Location of PCO	Award Date	Date of First Delivery	Qty (Each)	Unit Cost	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	Υ		
†Hardware		2014	Anniston Army Depot / Anniston, AL	MIPR	TACOM, Warren, MI	Jan 2014	Jan 2015	14	2,899.000	Υ		

LI G82925 - Assault Breacher Vehicle Army

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Exhibit P-21, Budget Production Schedule: PB 2014 Army

Appropriation / Budget Activity / Budget Sub Activity:

2033A: Procurement of W&TCV, Army / BA 01: Tracked
Combat Vehicles / BSA 20: Modification Of Tracked Combat
Vehicles

Date: April 2013

Item Nomenclature:
G82925 - Assault Breacher Vehicle
G82925 - Assault Breacher Vehicle

			Cost Elem (Units in E									Fiscal Y	ear 2012	!										Fiscal Ye	ar 2013						
					ACCEP									C	alendar	Year 201	2								Calen	dar Year	2013				
0 C 0	M F R	FY	SERVICE <sup>‡</sup>	PROC QTY	PRIOR TO 1 OCT 2011	BAL DUE AS OF 1 OCT	0 C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U	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
Ha	rdwar	е		,				,	,							,					,										
	1	2012	ARMY (IV)	18	-	18	-	-	-	-	-	Α -	-	-	-	-	-	-	-	-	-	-	-	1	1	1	2	2	2	2	7
	1	2013	ARMY (V)	10	-	10	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	Α -	-	-	-	-	-	-	-	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	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

LI G82925 - Assault Breacher Vehicle Army

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Appropriation / Budget Activity / Budget Sub Activity:

2033A: Procurement of W&TCV, Army / BA 01: Tracked
Combat Vehicles

Cost Elements
(Units in Each)

ACCEP PRIOR PRIOR BAL TO 1 DUE O N D J F M A M J J A S O N D J F M A M J J J A S B C R F SERVICE<sup>‡</sup>

O F SERVICE

			(Units in E	=acn)								FISCAI Y	ear 2014											FISCAI Y	ear 2015						
					ACCEP									C	alendar	Year 201	4								Caler	ndar Year	2015				
0 0	M F R	FY	SERVICE <sup>‡</sup>	PROC QTY	PRIOR TO 1 OCT 2013	BAL DUE AS OF 1 OCT	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	0 C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	N U	J J	A U G	S E P	B A L
На	rdwar	е																													
	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										-
	1	2014	ARMY (VI)	14	-	14	-	-	-	Α -	-	-	-	-	-	-	-	-	-	-	-	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	0 C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U	A U G	S E P	B A L

LI G82925 - Assault Breacher Vehicle Army

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Exhibit P-21, Budget Production Schedule: PB 2014 Army Date: April 2013 Appropriation / Budget Activity / Budget Sub Activity: P-1 Line Item Nomenclature: Item Nomenclature: 2033A: Procurement of W&TCV, Army / BA 01: Tracked G82925 - Assault Breacher Vehicle G82925 - Assault Breacher Vehicle Combat Vehicles / BSA 20: Modification Of Tracked Combat Vehicles Cost Elements (Units in Each) Fiscal Year 2016 Fiscal Year 2017 ACCEP Calendar Year 2016 Calendar Year 2017 М PRIOR BAL 0 C 0 F DUE TO 1 0 В R # PROC OCT AS OF 0 V E Е A R Р A Y Ü Ü U E C 0 V Е Е A R Р A Y U U U E A N A N A L FY SERVICE<sup>‡</sup> QTY 2015 1 OCT G Hardware 1 2012 ARMY (IV) 18 18 10 2013 10 ARMY (V) ARMY (VI) 12 2 M A R M A R В 0 D E F E U J S 0 N O D E F E J A U S A P A U A P U Α Ĺ G G L

LI G82925 - Assault Breacher Vehicle Army

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

		Product	tion Rates (Each /	Month)				Procurement Lea	adtime (Months)			
						Init	ial			Reo	rder	
MFI #	R MFR Name - Location	MSR	1-8-5	MAX	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

<sup>&</sup>quot;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
- <sup>(V)</sup> Base
- (VI) Base

LI G82925 - Assault Breacher Vehicle Army

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

Appropriation / Budget Activity / Budget Sub Activity:

P-1 Line Item Nomenclature:

2033A: Procurement of W&TCV, Army / BA 01: Tracked Combat Vehicles / BSA 20: G80571 - M88 FOV MODS

Modification Of Tracked Combat Vehicles

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

**Program Elements for Code B Items:** 

Other Related Program Elements:

P-1 Line #10

MDAP/MAIS Code(s):

	Prior			FY 2014	FY 2014	FY 2014					То	
Resource Summary	Years	FY 2012	FY 2013 <sup>#</sup>	Base	OCO##	Total	FY 2015	FY 2016	FY 2017	FY 2018	Complete	Total
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)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (\$ in Millions)	9.105	32.483	29.930	28.469	-	28.469	28.962	28.907	30.897	-	Continuing	Continuing
	(The following	Resource Sum	mary rows are fo	or informational p	urposes only. Th	ne corresponding	g budget request	s are documente	ed elsewhere.)			
Initial Spares (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Flyaway Unit Cost (Units in Thousands)	-	-	-	-	-	-	-	-	-	-	-	-

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

#### **Description:**

(Units in Thousands)

Gross/Weapon System Unit Cost

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.

Seco	ndary 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** 

LI G80571 - M88 FOV MODS Page 1 of 5 Army

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

								UNC	CLASS	SIFIED	)									
Exhibit P-40, Bud	dget Item J	ustifi	cation	Sheet:	PB 2014	l Army									Date	: April	2013			
<b>Appropriation / E</b> 2033A: Procurem Modification Of Tr	ent of W&T0	CV, A	rmy / B				Vehicle	es / BSA			<b>Item No</b> - M88 F0				1					
ID Code (A=Service Read	y, B=Not Service Re	eady) :			ı	Program	Element	s for Cod	e B Item	s:			Oth	er Relate	d Progran	n Eleme	nts:			
MDAP/MAIS Code(s)	:												'							
Item Sche	dule		Р	rior Yea	rs		FY 2012	1		FY 2013		FY	2014 B	ase	FY	′ 2014 O	со	FY	2014 To	tal
Item Nomenclature*	Exhibits	ID CD	Unit Cost	Qty (Each)	Total Cost	Unit Cost	Qty (Each)	Total Cost	Unit Cost	Qty (Each)	Total Cost	Unit Cost	Qty (Each)	Total Cost	Unit Cost	Qty (Each)	Total Cost	Unit Cost	Qty (Each)	Total Cos
1 - M88 FOV Field upgrade	P3A		-	-	9.105	-	-	32.483	-	-	29.930	-	-	28.469	-	-	-	-	-	28.469
Total Gross/Weapon System Cost					9.105			32.483			29.930			28.469			-			28.469
Item Sche	edule			FY 2015			FY 2016	<b>i</b>		FY 2017	•		FY 2018	3	To	Comple	ete		Total	
Item Nomenclature*	Exhibits	ID CD	Unit Cost	Qty (Each)	Total Cost	Unit Cost	Qty (Each)	Total Cost	Unit Cost (\$ K)	Qty (Each)	Total Cost	Unit Cost	Qty (Each)	Total Cost	Unit Cost	Qty (Each)	Total Cost	Unit Cost	Qty (Each)	Total Cos
1 - M88 FOV Field upgrade	P3A		-	-	28.962	-	-	28.907	-	-	30.897	-	-	-		Continuing			Continuing	
Total Gross/Weapon System Cost					28.962			28.907			30.897			-		Continuing	<b>j</b>	1	Continuing	
*Item Nomenclature repre	esents Item Numb	per, DO	DIC, and It	em Name	for the P40	A and P5; I	Name for	the P18 and	P23; Mod	dification N	umber and	Modificatio	n Title for	the P3A; Ite	m Number	and Item	Name for th	e P10.		
FY 2014 base procumaintainability, and In accordance with defense missions, d	network capab Section 1815 c	ility for of the F	the M88 Y 2008 N	fleet of vo	ehicles. Defense Au	ıthorizatio	n Act (P	.L.110-181	) this iter		·									•

LI G80571 - M88 FOV MODS

Army

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P-1 Line #10

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

Models of Systems Affected: M	88		Type Modi	fication: 1				Related RI	DT&E PEs:			
Resource Summary	Prior Years	FY 2012	FY 2013 <sup>#</sup>	FY 2014 Base	FY 2014 OCO##	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)	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)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (\$ in Millions)	9.105	32.483	29.930	28.469	-	28.469	28.962	28.907	30.897	-	Continuing	Continuing
	(The following	Resource Sum	mary rows are fo	or informational p	urposes only. Ti	ne corresponding	budget request	s are documente	d elsewhere.)		•	
Initial Spares (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost (Units in Thousands)	-	-	-	-	-	-	-	-	-	-	-	-

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

#### **Description:**

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.

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LI G80571 - M88 FOV MODS Army

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

Exhibit P-3A, Individual Modification: PB 2014 Army

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:
G80571 - M88 FOV MODS

(Modification Number - Modification Title):
1 - M88 FOV Field upgrade

Models of Systems Affected: M88		Type I	Modificatio	n: 1			Re	lated RDT	&E PEs:			
	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
Financial Plan	Qty (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												
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 / 736.56
Program Mgt	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- /3.760	- /3.800	- /3.868	- / -	- / 32.000	- / 43.42
Subtotal Recurring	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 / 779.99
Total, M88 FOV Field Upgrades	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 / 779.99
Total Procurement, All Modifications	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 / 779.99
Total Procurement and Support	9.105	32.483	29.930	28.469	-	28.469	28.962	28.907	30.897	-	591.240	779.99
M88 FOV Field Upgrades Installation Cost	29 / 0.000	54 / -	157 / -	350 / -	- / -	350 / -	252 / -	215 / -	130 / -	142 / -	902 / -	2,231 / -
Total Installation Cost	29 / 0.000	54/ -	157 / -	350 / -	- / -	350 / -	252 / -	215/ -	130 / -	142/ -	902 / -	2,231 / -
Total Cost (Procurement + Support + Installation)	9.105	32.483	29.930	28.469	-	28.469	28.962	28.907	30.897	-	591.240	779.99

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													<b>U</b> .	IOLA	<b></b>															
Exhi	bit P-	3A, lı	ndivi	dual I	Modif	icatio	n: PE	3 201	4 Army	y													Date	: Apr	il 201	3				
2033	A: Pro bat Ve	cure	ment	of Wa	&TCV	/, Arm	ıy / BA	A 01:	Activi Tracke cked Co	eď	G		<b>ie Item</b> 1 - M88										(Mod Title)	lificat :	i <b>on N</b> ion Ni OV Fi	umbe	er - Mo	odifica	ation	
Mod	els of	Syst	ems	Affec	ted:	M88				Ty	уре Мо	difica	ation: 1							Re	elated I	RDT	&E PI	Es:						
Manu	acture	r Info	matio	n: M88	FOV	Field U	7.																							
Manuf	acturer	Name	: BAE				Type							Manuf	acture	r Locati	on: Yo	rk,PA											-	
Admin	istrative	e Lead	time (i	n Mont	hs): 6		## Property   Property							Produc	ction L	eadtime	e (in M	lonths):	8											
	Dat	es			FY 2	2012	FY 2013					FY 2014			FY	2015	-		FY	2016			FY	2017			FY	2018		
Contra	ct Date	es			Jan 2	2012	FY 2013   Aug 2013   Apr 2014					N	/lar 2014			Mar	2015			Mar	2016			Mar	2017			Mar	2018	
Delive	ry Date	:S			Dec	2012		Aug 2013 Apr 2014    Method field				1	lov 2014			Nov	2015			Nov	2016			Nov	2017			Nov	2018	
							· ·								1												ļ			-
Instal	ation:	M88 F	OV Fie	eld Upg	grades						ethod of eld	Imple	mentatio	n: Cont	ractor a	nd De	pot inst	alled ir	n the	Ins	tallation	Name	e:							
		M88 FOV Field Upgrades  Prior Years FY 2012				FY 2012	!	FY 2013		Y 2014 Base		2014 CO		2014 otal	FY	2015	F	Y 2016	F	Y 201	7	FY 20	18	To Comp	I	To	tal			
Instal	ation C	Cost									Qty (Each) /		ty (Each) / / Cost (\$ M		Each) /		(Each) / Cost (\$ M )		(Each) / Cost (\$ M )		ty (Each) / al Cost (\$ M		ty (Each) I Cost (\$		Qty (Eac	h) / (\$ M )	Qty (Ea	ich) / t (\$ M )	Qty (E	
All Prior	Years						29 / 0.0	000	0 / 0.0	000	0 / 0.0	00	0 / 0.00	0 -	- / -		0 / 0.000	)	0 / 0.000	ו	0 / 0.00	0	0 / 0	.000	0 /	0.000		/ 0.000	29	9 / 0.000
FY 2012							0 / 0.0	000	54 / -	-	- / -		- / -		- / -		- / -		- / -		- / -		- /	-	-	/ -	-	/ -		54 / -
FY 2013										_	157 / -		- / -		- / -		- / -		- / -		- / -		- /	_	-	-		/ -		57 / -
FY 2014										_	- / -	_	350 / -		- / -		350 / -		- / -	-	- / -		- /		-	-		/ -		50 / -
FY 2015							0 / 0.0		- / -	_	- / -		- / -		- / -		- / -		252 / -	+	- / - 215 / -		- /	_	-			/ - / -		52 /  - 15 /  -
FY 2017							0 / 0.0	_	- / -	_	- / -	_	- / -		. / -	_	- / -		- / -		- / -		130 /		-	-		1 -		30 / -
FY 2018							0 / 0.0	000	- / -	-	- / -		- / -		- / -		- / -		- / -		- / -		- /	-	142	/ -	-	/ -	14	42 / -
To Com	olete						0 / 0.0	000	- / -	-	- / -		- / -		- / -		- / -		- / -		- / -		- /	-	-	/ -	902	2/-	90	02/-
Total							29 / 0.0	000	54 / -	-	157 / -		350 / -		- / -		350 / -		252 / -		215 / -		130 /	-	142	/ -	902	2/-	2,23	31 / -
Instal	ation S	Sched	ule																											
			FY 2	2012			FY 2	013			FY 201	4		FY	2015			FY 2	2016			FY 2	017			FY	2018			
	APY	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	TC	Tot
In	83	87	87	87	89	39	39	39	40	63	63	63	63 5	3 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 6	3 63	63	63	53	54	54	54	32	32	33	33	35	35	36	36	902	2,231

LI G80571 - M88 FOV MODS
Army

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

Appropriation / Budget Activity / Budget Sub Activity:

P-1 Line Item Nomenclature:

2033A: Procurement of W&TCV, Army / BA 01: Tracked Combat Vehicles / BSA 20: GZ3001 - Joint Assault Bridge

Modification Of Tracked Combat Vehicles

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

Program Elements for Code B Items: 0654804A

Other Related Program Elements:

MDAP/MAIS Code(s):

	Prior			FY 2014	FY 2014	FY 2014					То	
Resource Summary	Years	FY 2012	FY 2013 <sup>#</sup>	Base	OCO##	Total	FY 2015	FY 2016	FY 2017	FY 2018	Complete	Total
Procurement Quantity (Units in Each)	-	-	-	-	-	-	10	10	15	33	-	68
Gross/Weapon System Cost (\$ in Millions)	18.458	-	-	2.002	-	2.002	53.928	55.089	78.402	170.027	-	377.906
Less PY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (\$ in Millions)	18.458	-	-	2.002	-	2.002	53.928	55.089	78.402	170.027	-	377.906
Plus CY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (\$ in Millions)	18.458	-	-	2.002	-	2.002	53.928	55.089	78.402	170.027	-	377.906
	(The following	g Resource Sum	nmary rows are fo	or informational p	urposes only. Th	ne corresponding	budget request	s are documente	d elsewhere.)		1=	
Initial Spares (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-

Flyaway Unit Cost (Units in Thousands) Gross/Weapon System Unit Cost 5.392.800 5.557 5.508.900 5.226.800 5.152.333 (Units in Thousands)

## **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

LI GZ3001 - Joint Assault Bridge

Secon	dary 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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Army

<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

Exhibit P-40, Budget Item Justification Sheet: PB 2014 Army		Date: April 2013
Appropriation / Budget Activity / Budget Sub Activity:	P-1 Line Item Nomenclature:	
2033A: Procurement of W&TCV, Army / BA 01: Tracked Combat Vehicles / BSA 20:	GZ3001 - Joint Assault Bridge	
Modification Of Tracked Combat Vehicles		

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

Program Elements for Code B Items: 0654804A

**Other Related Program Elements:** 

MDAP/MAIS Code(s):

Second	dary 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.

LI GZ3001 - Joint Assault Bridge
Army

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

Appropriation / Budget Activity / Budget Sub Activity:

P-1 Line Item Nomenclature:

2033A: Procurement of W&TCV, Army / BA 01: Tracked Combat Vehicles / BSA 20: GA0700 - M1 Abrams Tank (MOD)

Modification Of Tracked Combat Vehicles

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

**Program Elements for Code B Items:** 

Other Related Program Elements:

MDAP/MAIS Code(s):

	Prior			FY 2014	FY 2014	FY 2014					То	
Resource Summary	Years	FY 2012	FY 2013 <sup>#</sup>	Base	OCO##	Total	FY 2015	FY 2016	FY 2017	FY 2018	Complete	Total
Procurement Quantity (Units in Each)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost (\$ in Millions)	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 (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (\$ in Millions)	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 (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (\$ in Millions)	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
	(The following	g Resource Sum	mary rows are fo	r informational p	ourposes only. Ti	he corresponding	g budget request	s are documente	ed elsewhere.)			
Initial Spares (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
				Ĭ	1					1		

Flyaway Unit Cost (Units in Thousands) Gross/Weapon System Unit Cost (Units in Thousands)

# **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 Sch	edule		Р	rior Year	s		FY 2012			FY 2013		FY	2014 Ba	se	FY	2014 O	co	FY	<b>2014</b> To	tal
Item Nomenclature*	Exhibits	ID CD	Unit Cost	Qty (Each)	Total Cost	Unit Cost	Qty (Each)	Total Cost	Unit Cost	Qty (Each)	Total Cost	Unit Cost	Qty (Each)	Total Cost	Unit Cost	Qty (Each)	Total Cost	Unit Cost	Qty (Each)	Total Cost
0000 - Mods	P3A		-	-	4,787.961	-	-	131.098	-	-	129.090	-	-	178.100	-	-	-	-	-	178.100
Total Gross/Weapon System Cost					4,787.961			131.098			129.090			178.100			-			178.100
Item Sch	edule			FY 2015			FY 2016			FY 2017			FY 2018		To	Comple	te		Total	
Item Nomenclature*	Exhibits	ID CD	Unit Cost	Qty (Each)	Total Cost (\$ M)	Unit Cost	Qty (Each)	Total Cost	Unit Cost	Qty (Each)	Total Cost (\$ M)	Unit Cost	Qty (Each)	Total Cost (\$ M)	Unit Cost	Qty (Each)	Total Cost	Unit Cost	Qty (Each)	Total Cost
0000 - Mods	P3A		-	-	180.000	-	-	202.000	-	-	215.000	-	-	460.000	-	-	1,993.900	-	-	8,277.149

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<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

								UNC	CLASS	SIFIED	)									
Exhibit P-40, Bud	get Item Jus	stific	cation S	Sheet:	PB 2014	4 Army									Date	e: April	2013			
Appropriation / E 2033A: Procurem Modification Of Tr	ent of W&TC	۷, A	rmy / B				Vehicle	es / BSA			Item No - M1 Ab			DD)		· .				
ID Code (A=Service Read	y, B=Not Service Read	dy) : <b>A</b>				Program	Element	s for Cod	e B Item	s:			Oth	er Relate	d Progra	m Eleme	nts:			
MDAP/MAIS Code(s)													'							
Item Sche	dule			FY 2015	5		FY 2016			FY 2017			FY 2018	3	T	o Compl	ete		Total	
Item Nomenclature*	Exhibits	ID CD	Unit Cost	Qty (Each)	Total Cost	Unit Cost	Qty (Each)	Total Cost	Unit Cost	Qty (Each)	Total Cost	Unit Cost	Qty (Each)	Total Cost	Unit Cost	Qty (Each)	Total Cost	Unit Cost	Qty (Each)	Total Cos
Total Gross/Weapon System Cost					180.000			202.000			215.000			460.000			1,993.900			8,277.14
*Item Nomenclature repre	sents Item Numbe	r, DOI	DIC, and It	em Name	for the P40	)A and P5;	Name for t	the P18 and	l P23; Mod	lification N	umber and	Modificatio	n Title for	the P3A; Ite	m Numbe	r and Item	Name for th	ne P10.		
Note: Totals in this Exhibi	t P-40 set may not	be ex	act or add	due to ro	unding.															
Vehicle Health Mans which provide more In accordance with defense missions, d	reliability, durabi Section 1815 of t	lity, for	uel efficie Y2008 Na	ncy and	a single st efense Aut	tandard fo thorization	or the veh	icle's pow 110-181	er train. ), this iter	Governm	ent and co	ntractor s	alaries w	vill also be	funded f	rom this li	ne.			_

**UNCLASSIFIED** LI GA0700 - M1 Abrams Tank (MOD)

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Exhibit P-3A, Individual Modification: PB 2014 ArmyAppropriation / Budget Activity / Budget Sub Activity:<br/>2033A: Procurement of W&TCV, Army / BA 01: Tracked<br/>Combat Vehicles / BSA 20: Modification Of Tracked Combat<br/>VehiclesP-1 Line Item Nomenclature:<br/>GA0700 - M1 Abrams Tank (MOD)Modification Nomenclature<br/>(Modification Number - Modification<br/>Title):<br/>0000 - ModsModels of Systems Affected: Abrams TanksType Modification: xxxRelated RDT&F PFs:

Models of Systems Affected: A	brams Tank	S	Type Modi	fication: xx	(X			Related RI	DT&E PEs:			
Resource Summary	Prior Years	FY 2012	FY 2013 <sup>#</sup>	FY 2014 Base	FY 2014 OCO##	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)	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 (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (\$ in Millions)	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 (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (\$ in Millions)	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
	(The following	Resource Sum	mary rows are fo	r informational p	urposes only. Th	ne corresponding	budget request	s are documente	d elsewhere.)	·	-	
Initial Spares (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost	-	-	-	-	-	-	-	-	-	-	-	-

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

# **Description:**

Modifications to the Abrams program

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

Exhibit P-3A, Individual Modification: PB 2014 Army

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

Date: April 2013

Models of Systems Affected: Abrams Tanks	Type Modification: xxx	Related RDT&E PEs:
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iloueis di Systems Amedieu. Abrams	o i alino	iypei	vioumcand	711. ^^^			1.00	iateu ND i	<b>GE : E0.</b>			
	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
Financial Plan	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M )	Qty (Each) / Total Cost (\$ M )	Qty (Each) / Total Cost (\$ M )	Qty (Each) / Total Cost (\$ A							
Procurement												,
Prior Year Closed Mods												
A Kits												
Non-Recurring												
Other	0 / 2,737.349	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	2,737.34
Subtotal Non-Recurring	0 / 2,737.349	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- 2,737.3 <sup>2</sup>
Total, Prior Year Closed Mods	0 / 2,737.349	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	2,737.34
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 / 35.4
Vehicle Health and Embedded Training	0 / 0.000	- / -	140 / 10.701	- / -	- / -	- / -	90 / 4.763	180 / 9.698	180 / 9.872	270 / 15.075	- / -	860 / 50.1
Ammunition Data Link (ADL)	0 / 0.000	- / -	140 / 13.507	- / -	- / -	- / -	90 / 3.175	270 / 9.698	450 / 16.190	450 / 16.481	- / -	1,400 / 59.0
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 / 95.7
Safety/Operational Mods	0 / 23.450	- / 2.963	- / 10.853	- / 12.196	- / -	- / 12.196	- / 12.425	- / 12.660	- / 13.291	- / 13.530	- / -	- / 101.3
Support Equipment and TPF	0 / 23.450	- / -	- /2.500	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 25.9
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 / 367.6
Non-Recurring												
Installation Kits	0 / 283.400	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 283.4
BFT Relocation	0 / 0.000	813 / 0.817	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	813 / 0.8 <sup>-</sup>
Low Profile CROWS Engineering support	0 / 0.000	- / 12.050	- / -	- /5.000	- / -	- /5.000	- / -	- / -	- / -	- / -	- / -	- / 17.05
Subtotal Non-Recurring	0 / 283.400	813 / 12.867	- / -	- /5.000	- / -	- /5.000	- / -	- / -	- / -	- / -	- / -	813 / 301.26
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 / 668.98
Engineering Change Proposal (ECP) 1												
A Kits												
Recurring												
ECP 1 Modification Kits	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	45 / 228.541	- / 1,993.900	45 / 2,222.44
Subtotal Recurring	0/0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	45 / 228.541	- / 1,993.900	45 / 2,222.44

LI GA0700 - M1 Abrams Tank (MOD) Army

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Exhibit P-3A, Individual Modification: PB 2014 Army

P-1 Line Item Nomenclature:

**Modification Nomenclature** 

Appropriation / Budget Activity / Budget Sub Activity: 2033A: Procurement of W&TCV, Army / BA 01: Tracked

GA0700 - M1 Abrams Tank (MOD)

(Modification Number - Modification

Combat Vehicles / BSA 20: Modification Of Tracked Combat Vehicles

Title): 0000 - Mods

Date: April 2013

Madala of Cuete

odels of Systems Affected: Abrams T	anks	Type N	/lodificatio	n: xxx			Re	lated RDT	&E PEs:			
	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
Financial Plan	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M )	Qty (Each) / Total Cost (\$ M )	Qty (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 / 2,222.44
Armor					I	ı			ı			
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 / 438.80
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 / 438.80
Non-Recurring												
Installation Kits	821 / 526.800	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	821 / 526.80
Subtotal Non-Recurring	821 / 526.800	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	821 / 526.80
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 / 965.60
Program/Engineering Support					1		ı	ı				
A Kits												
Recurring												
System Technical Support	0 / 57.300	- / 12.499	- /4.660	- / 23.483	- / -	- / 23.483	- / 11.341	- / -	- / -	- / 32.592	- / -	- / 141.87
Government Program Management Support	0 / 0.000	- / -	- / 22.669	- / 34.746	- / -	- / 34.746	- / 24.467	- / 24.102	- / 24.723	- / 40.788	- / -	- / 171.49
Contractor Program Management Support	0 / 0.000	- / -	- /2.971	- / 1.927	- / -	- / 1.927	- / 1.969	- / 1.900	- / 1.464	- / 1.320	- / -	- / 11.5
Government Test Support	0 / 0.000	- / -	- /2.223	- / 6.184	- / -	- /6.184	- /6.290	- /4.080	- /4.000	- /6.716	- / -	- / 29.49
Subtotal Recurring	0 / 57.300	- /12.499	- /32.523	- /66.340	- / -	- /66.340	- /44.067	- /30.082	- /30.187	- /81.416	- / -	- / 354.41
Total, Program/Engineering Support	0 / 57.300	- /12.499	- /32.523	- /66.340	- / -	- /66.340	- /44.067	- /30.082	- /30.187	- /81.416	- / -	- /354.41
Power Pack Improvement & Integration Optimization												
A Kits												
Recurring												
System Technical Support	0 / 54.700	- / -	- / 13.220	- /7.929	- / -	- /7.929	- /4.036	- / -	- / -	- / -	- / -	- / 79.88
Subtotal Recurring	0 / 54.700	- / -	- /13.220	- /7.929	- / -	- /7.929	- /4.036	- / -	- / -	- / -	- / -	- /79.88
Non-Recurring					I	I	I	I	I	1	I	
Installation Kits	2,691 / 930.300	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	2.691 / 930.30
Durability/Fuel Efficiency Improvements	0 / 0.000	- / 66.352	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 66.35
Subtotal Non-Recurring	2,691 / 930.300	- /66.352	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	2,691 / 996.65
Total, Power Pack Improvement & Integration Optimization	2,691 / 985.000	- /66.352	- /13.220	- /7.929	- / -	- /7.929	- /4.036	- / -	- / -	- / -	- / -	2,691 1,076.53
Training Devices												1,010.03

LI GA0700 - M1 Abrams Tank (MOD) Army

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Exhibit P-3A, Individual Modification: PB 2014 Army

Date: April 2013

Appropriation / Budget Activity / Budget Sub Activity:

Models of Systems Affected: Abrams Tanks

GA0700 - M1 Abrams Tank (MOD)

P-1 Line Item Nomenclature:

**Modification Nomenclature** (Modification Number - Modification

Title):

0000 - Mods

2033A: Procurement of W&TCV, Army / BA 01: Tracked Combat Vehicles / BSA 20: Modification Of Tracked Combat Vehicles

Type Modification: xxx

Related RDT&E PEs:

inioueis of Systems America. Abrams	ariks	i ype i	viouilicatio	, , , , , , , , , , , , , , , , , , ,				iated IND I	<b>GE : E0:</b>			
	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
Financial Plan	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (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 <i>.</i> 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

Exh	ibit P-	3A, I	Indiv	idual	Modi	ficati	on: P	B 20	14 Arm	ıy													[	oate: A	oril 20	13				
203: Con	BA: Pro	ocure	emen	t of W	/&TC\	/, Arn	ny / B	A 01	<b>b Activ</b> : Track cked C	ed			<b>Line</b> )700 -		-		-	OD)					7	Modific Modific Title): 1000 - N	ation I	-			cation	
Mod	lels of	Sys	tems	Affe	cted:	Abra	ms Ta	anks			Type	Modi	ficati	on: x	¢Χ						Rel	lated R	DT&	E PEs:						
Manu	ıfacture	r Info	rmati	on: Pri	or Yea	Close	d Mod	ls																						
Manu	facturer	· Nam	e: x													Manu	facture	r Locati	on: x											
Admi	nistrativ	e Lea	dtime	(in Mor	ths):											Produ	ction L	eadtime	e (in Mo	onths):										
	Dat	tes			FY	2012			FY 2	013			FY	2014			FY	2015			FY 2	016		F	Y 2017			FY	2018	
Conti	act Date	es																												
Deliv	ery Date	es																												
	-			1																			_ '				- 1			
Insta	llation:	Prior	Year (	closed	Mods						Method	l of Im	•				1				Inst	allation	Name:	:			1		1	
						Pr	ior Yea	ars	FY 2012	2	FY 2	013	FY 2 Ba	2014 Ise		2014 CO	1	2014 otal	FY	2015	F	Y 2016	FY	2017	FY 2	018		To nplete	Тс	otal
Insta	llation (	Cost					ty (Each		Qty (Each)		Qty (Ea		Qty (E	Each) /		Each) /		(Each) / Cost (\$ M )		Each) /		y (Each) / Cost (\$ M )		(Each) / Cost (\$ M )	Qty (Ea			(Each) / Cost (\$ M )		(Each) / Cost (\$ M
All Pric	r 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	C	0.000		0 / 0.000		0 / 0.00
FY 201	2						0/0	.000	- /			/ -	-	/ -	-	- / -		- / -		- / -		- / -		- / -	-	/ -		- / -		- / -
FY 201							0/0	.000	- /	-		/ -		1 -		. / -		- / -		- / -		- / -		- / -		/ -		- / -		- / -
FY 201							0/0		- /	_		/ -		/ -		- / -		- / -		- / -		- / -		- / -		/ -		- / -		- / -
FY 201							0/0		- /			/ -		/ -		. / -		- / -		- / -		- / -		- / -		/ -		- / -		- / -
FY 201							0/0		- /	_		1 -		/ -		. / -		- / -		- / -		- / -		- / -		/ -		- / -		- / -
FY 201 FY 201							0/0		- /			/ - / -		/ -		. / -		- / -		- / -		- / -		- / -		1 -		- / -	-	- / -
To Cor							0/0		- /	_		1 -		/ -		. / -		- / -		- / -		- / -		- / -		/ -		- / -		- / -
Total	ipioto						0/0		- /	-		1 -		/ -		. / -		- / -		- / -		- / -		- / -		/ -		- / -		- / -
Insta	llation	Sched	dule																											
			FY	2012			FY 2	2013			FY	2014			FY	2015			FY 20	016			FY 20	17		F	Y 2018	3		
	APY	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	тс	Tot
In	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		-	-	-	-	-	
Out	I _ I	_	T _		_	_	1	1					Π_	_				I T			T	_	_		_	_		_	T -	_

LI GA0700 - M1 Abrams Tank (MOD) Army UNCLASSIFIED
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Exh	ibit P-	-3A, I	Indivi	dual	Modi	ficati	on: P	B 20	14 Army												Date:	Ар	ril 2013				
2033 Con	BA: Pr	ocure	emen	t of W	&TC\	/, Arn	ny / B	A 01	b Activity : Tracked acked Con			<b>Line Iten</b> 0700 - M1				D)						fica	ation Nom ation Numb lods			ation	
Mod	lels of	f Sys	tems	Affe	cted:	Abra	ms Ta	anks		Type I	Modi	fication:	xxx						Related	I RD	T&E PE	s:					
Manı	ıfacture	er Info	rmatio	n: Abı	ams F	ield U	pgrade	es																			
Manu	facture	r Nam	e: Vari	ous										Manuf	acturer	ocatio	on: Va	rious									
Admi	nistrativ	/e Lea	dtime (	in Mon	ths):									Produ	ction Le	adtime	e (in Me	onths):									
	Da	tes			FY 2	2012			FY 2013			FY 2014			FY 20	15			FY 2016			FY	′ 2017		FY	2018	
Contr	act Dat	es																									
Deliv	ery Date	es																									
																	Ċ										
Inoto	llation:	Abrox	no Fiel	d I Inar	ndon					Mothod	l of Im	plementation	n. Vori	2110					Installati	on N	omoi						
IIISta	iialioii.	Abiai	IIS FIEI	u Opgi	aues					Wethou	01 1111	FY 2014		2014	FY 2	14.4			mstanati	OH N	aille.				То		
						Pr	ior Yea	ars	FY 2012	FY 20	)13	Base		2014 CO	Tot		FY	2015	FY 201	6	FY 2017		FY 2018	C	omplete	То	otal
Insta	llation	Cost					Qty (Each		Qty (Each) / Total Cost (\$ M)	Qty (Ea		Qty (Each) / Total Cost (\$ M		Each) /	Qty (Ea			(Each) /	Qty (Each		Qty (Each) Total Cost (\$		Qty (Each) / Total Cost (\$ M )	Q	ty (Each) /	Qty (E Total Co	Each) /
All Prio	r Years						0/0	.000	0 / 0.000	0	/ 0.000	0 / 0.00	00	- / -	C	/ 0.000		0 / 0.000	0/0	0.000	0 / 0.	000	0 / 0.000	)	0 / 0.000		0 / 0.00
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LI GA0700 - M1 Abrams Tank (MOD) Army UNCLASSIFIED
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					UN	CLASS	SIFIED						
Exhibit P-3A, Indi	vidual Modific	ation: PB	2014 Army							Date: A	pril 2013		
Appropriation / Bo 2033A: Procureme Combat Vehicles / Vehicles	nt of W&TCV,	Army / BA	01: Tracked	G	<b>-1 Line Item</b>   A0700 - M1 <i>A</i>							<b>enclature</b> per - Modific	ation
Models of System	s Affected: A	brams Tan	ks	Type Mo	dification: xx	хх			Related R	DT&E PEs:			
Manufacturer Informa	tion: Armor			'									
Manufacturer Name: De	epartment of Energ	ју				М	anufacturer Location	on: Various					
Administrative Leadtime	e (in Months): 3					Pı	oduction Leadtime	e (in Months): 1	2				
Dates	FY 20°	12	FY 2013	3	FY 2014		FY 2015		FY 2016	F	Y 2017	FY	2018
Contract Dates			Apr 2013	3	Jan 2014		Jan 2015		Jan 2016	Ja	an 2017	Jan	2018
Delivery Dates			Apr 2014	1	Jan 2015		Jan 2016		Jan 2017	Ja	an 2018	Jan	2019
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		Prior Years	FY 2012	FY 2013	FY 2014 Base	FY 201 OCO		FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total
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Installation Schedule

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UNCLASSIFIED
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P-1 Line #12

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LI GA0700 - M1 Abrams Tank (MOD) Army UNCLASSIFIED
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Exhib	oit P-3	3A, I	ndiv	idual	Modi	ication:	PB 2	2014 Army													Date: A	pril 201	3				
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Manufa	acturer	Name	e: Hor	eywell	and All	ison							Manuf	acturer	Location	n: Pho	enix, A	Z and	ndianar	olis,	IN						
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Install: All Prior ` FY 2012 FY 2013 FY 2014 FY 2015 FY 2016 FY 2017 FY 2018 To Comp Total Install:	ation C Years  blete  ation S	Cost	dule FY	2012		Prior \ Qty (E Total Cos	/ears ach) / t (\$ M) / 0.000 / 0.000 / 0.000 / 0.000 / 0.000 / 0.000 / 0.000 / 0.000 / 0.000 / 0.000	FY 2012  Qty (Each) / Total Cost (\$ M )  0 / 0.000  - / -	FY 20  Qty (Eac Total Cost  0 /	ch) / (\$ M) / (0.000 / - / - / - / - / - / - / - / - / -	FY 2014 Base  Qty (Each) / Total Cost (\$ M	FY O Qty (1) Total Co	2014 (CO) (Each) / lost (\$ M ) - / / - - / -	FY 2 ToO Qty (E Total Co	Each) / (\$ M) 0 / 0.000 / - / - / - / - / - / - / - / - / -	Qty (E Total Co	Each) / sst (\$ M ) 0 / 0.000	FY Qty ( Total C	2016 Each) / / ost (\$ M)	FY 20	Y 2017  y (Each) / Cost (\$ M)  0 / 0.000  - / / / / / / / / -	Qty (Eat Total Cost	ch) / ( (\$ M ) / (0.000 ) / - / (- / (- / (- / (- / (- / (- / (	Com	plete ach) / st (\$ M ) 0 / 0.000 / - / - / - / - / - / - / - / - / - / -	Qty (E Total Co.	Each) / pst (\$ \( \) \(

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Installation Cost	Exhibit F	xhibit P-3A, Individual Modification: PB 20							2014 Arı	my															Date	e: Ap	oril 20	13				
Manufacturer Information: Training Devices   Manufacturer Name: PEO Simulation, Training, and Instrumentation   Manufacturer Location: Orlando, FL	2033A: F Combat	Procure Vehicle	emen	it of	W&TC	:V, A	Army /	BA (	1: Trac	ked			-				-	OD)							(Mo	difica ):	ation N	-			cation	1
Manufacturer Name: PEO Simulation, Training, and Instrumentation:   Manufacturer Location: Orlando, FL	Models	of Sys	tems	s Af	fected	: Ab	rams	Γank	(S		Type I	Modi	ificatio	on: x	ΚX						I	Relate	d F	RDT	&E P	Es:						
Administrative Leadtime (in Months):   Dates	Manufactu	rer Info	rmati	on:	Training	Devi	ices																									
Dates   FY 2012   FY 2013   FY 2014   FY 2015   FY 2016   FY 2017   FY 2018	Manufactur	rer Nam	e: PE	O Sir	nulation,	Trair	ning, an	d Inst	rumentati	on						Manu	facture	r Locati	on:	Orlando	, FL											
Contract Dates   Mar 2012   Mar 2013   Mar 2014   Mar 2015   Mar 2016   Mar 2016	Administrat	tive Lea	dtime	(in N	1onths):											Produ	ction L	eadtime	e (in	n Months	s):											
Installation: Training Devices	D	ates			FY	201	2		FY	2013			FY	2014			FY	2015			F	Y 2016				F۱	/ 2017			F۱	2018	
Installation: Training Devices	Contract Da	ates			Ma	r 201	2		Mar	2013			Mar	2014			Mar	2015			N	1ar 2016										
Installation: Training Devices	Delivery Da	ates																														
Prior Years	Installation	<b>n·</b> Traini	na De	vice	<u> </u>						Method	of In	nnlemei	ntation	ı: Conti	ractor S	Sunnor	t				Installat	οn	Nam	ο.							
Prior Years   FY 2012   FY 2013   Base   OCO   Total   FY 2015   FY 2016   FY 2017   FY 2018   Complete   To Other Cost (SM)   Total Cos	Installation	<b>n:</b> Traini	ng De	vice	s						Method	of In	npleme	ntatior	ı: Contı	ractor S	Suppor	t				Installat	on	Nam	e:							
Installation Cost   Total Cost (\$ M)   Total Cost							Prior Y	ears	FY 20	12	FY 20	13			1		1			FY 201	5	FY 20 <sup>-</sup>	6	F	Y 20	17	FY 20	018	Cc		т	otal
FY 2012 0 0 0 0 0 0 0 - 1 - 1 - 1 - 1 - 1 - 1 -	Installation	n Cost																														(Each) / Cost (\$ M
FY 2013	All Prior Years						0	/ 0.000	0 /	0.000	0 /	0.000	(	0.000	-	- / -		0 / 0.000	)	0 / 0.	000	0 /	0.00	0	0 /	0.000	0	/ 0.000	)	0 / 0.000	ו	0 / 0.0
FY 2014 0 0 / 0.000 - /							0	0.000			-	/ -	_		-	- / -				- /	-				- ,	' -				- / -		- / -
FY 2015																					-					-			┷			- / -
FY 2016 0 / 0.000 - / - /																					-								↓			- / -
FY 2017 0 / 0.000 - / - /													-		-			-			_								₩			- / -
FY 2018       0 / 0.000       - / -																					_								+-			- / -
To Complete													-								-								+			- / -
Total									1				-		-						_					_			+			- / -
Installation Schedule						-							_		-				-		-					-			+-			- / -
FY 2012 FY 2013 FY 2014 FY 2015 FY 2016 FY 2017 FY 2018		n Scher	lule				- 0	0.000	_	, -		, -	_	, -		- , -		- / -		- /			_		- '	-		, -		- , -	1	- / -
	motanation					$\top$	F'	<b>/</b> 201	3		FY	2014			FY 2	2015			F`	Y 2016				FY 2	017			F	Y 201	18		
	ΔΡΥ	/ 1		_		+	_		<del>-</del>	1			4	1			4	1				1 1	Т			4	1	_			⊢ тс	То

LI GA0700 - M1 Abrams Tank (MOD) Army

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

Appropriation / Budget Activity / Budget Sub Activity:

P-1 Line Item Nomenclature:

2033A: Procurement of W&TCV, Army / BA 01: Tracked Combat Vehicles / BSA 20: GA0750 - Abrams Upgrade Program

Modification Of Tracked Combat Vehicles

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

**Program Elements for Code B Items:** 

Other Related Program Elements: 0203735A

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 (Units in Each)	-	67	-	-	-	-	-	-	-	-	-	67
Gross/Weapon System Cost (\$ in Millions)	8,172.238	436.329	74.433	-	-	-	-	-	-	-	-	8,683.000
Less PY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (\$ in Millions)	8,172.238	436.329	74.433	-	-	-	-	-	-	-	-	8,683.000
Plus CY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (\$ in Millions)	8,172.238	436.329	74.433	-	-	-	-	-	-	-	-	8,683.000

	(The following	g Resource Sum	mary rows are fo	or informational p	ourposes only. Th	ne corresponding	g budget request	s are documente	ed elsewhere.)	,		
Initial Spares (\$ in Millions)	-	7.219	-	-	-	-	-	-	-	-	-	7.219
Flyaway Unit Cost (Units in Thousands)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost (Units in Thousands)	-	-	-	-	-	-	-	-	-	-	-	-

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

#### **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 Sche	dule		Р	rior Yea	rs		FY 2012			FY 2013		FY	2014 Ba	se	FY	2014 O	co	FY	2014 To	otal
Item Nomenclature*	Exhibits	ID CD	Unit Cost	Qty (Each)	Total Cost	Unit Cost (\$ K)	Qty (Each)	Total Cost	Unit Cost (\$ K)	Qty (Each)	Total Cost									
GA0750 - Abrams Upgrade Program	P5, P5A, P21	Α	-	-	8,172.238	-	67	436.329	-	-	74.433	-	-	-	-	-	-	-	-	-
Total Gross/Weapon System Cost					8,172.238			436.329			74.433			-			-			-

\*Item Nomenclature represents Item Number, DODIC, and Item Name for the P40A and P5; Name for the P48 and P23; Modification Number and Modification Title for the P3A; Item Number and Item Name for the P40.

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

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

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Exhibit P-40, Budget Item Justification Sheet	: PB 2014 Army		Date: Apr	il 2013
Appropriation / Budget Activity / Budget Sub 2033A: Procurement of W&TCV, Army / BA 01: Modification Of Tracked Combat Vehicles	Activity: Tracked Combat Vehicles / BSA 20:	P-1 Line Item Nomencl GA0750 - Abrams Upgra		
ID Code (A=Service Ready, B=Not Service Ready) : A	Program Elements for Code B It	ems:	Other Related Program Elen	nents: 0203735A
MDAP/MAIS Code(s):				
Justification: No FY 2014 funding.				
In accordance with Section 1815 of the FY2008 National I defense missions, domestic emergency responses, and p	Defense Authorization Act (P.L. 110-181), this providing military support to civil authorities.	item is necessary for use by the	active and reserve components of	the Armed Forces for homeland

LI GA0750 - Abrams Upgrade Program Army

Exhibit P-5, Cost Analysis: PB 2014 Army

P-1 Line Item Nomenclature:

Item Nomenclature (Item Number - Item

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

GA0750 - Abrams Upgrade Program

Name, DODIC): GA0750 - Abrams Upgrade Program

Date: April 2013

Vehicles

Resource Summary	Prior Years	FY 2012	FY 2013 <sup>#</sup>	FY 2014 Base	FY 2014 OCO##	FY 2014 Total
Procurement Quantity (Units in Each)	-	67	-	-	-	-
Gross/Weapon System Cost (\$ in Millions)	8,172.238	436.329	74.433	-	-	-
Less PY Advance Procurement (\$ in Millions)	-	-	-	-	-	-
Net Procurement (P1) (\$ in Millions)	8,172.238	436.329	74.433	=	-	-
Plus CY Advance Procurement (\$ in Millions)	-	-	-	-	-	-
Total Obligation Authority (\$ in Millions)	8,172.238	436.329	74.433	-	-	-
(The following Resource Sum	mary rows are for information	onal purposes only. The corr	responding budget request	s are documented elsewhe	re.)	
Initial Spares (\$ in Millions)	-	7.219	-	-	-	-

FY 2013 Program is from the FY 2013 President's Budget, submitted February 2012

Gross/Weapon System Unit Cost (Units in Thousands)

		All	Prior Yea	rs		FY 2012			FY 2013		F`	/ 2014 Bas	e	F	/ 2014 OC	)	F'	/ 2014 Tot	.al
Cost Elements († indicates the presence of a P-5A)	ID CD	Unit Cost	Quantity (Each)	Total Cost (\$ M)	Unit Cost	Quantity (Each)	Total Cost												
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	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Total Recurring Cost				8,172.238			436.329			74.433			-			-			-
Total Flyaway Cost				8,172.238			436.329			74.433			-			-			
Gross Weapon System Cost				8,172.238			436.329			74.433			-			-			-

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

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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: GA0750 - Abrams Upgrade Program	Item Nomenclature (Item Number - Item Name, DODIC): GA0750 - Abrams Upgrade Program
P-5 Remarks:		

LI GA0750 - Abrams Upgrade Program Army

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Exhibit P-5A, Budget Procurement History and Planning: PB 2014 Army

Appropriation / Budget Activity / Budget Sub Activity: P-1 Line Item Nomenclature:

Date: April 2013

Item Nomenclature:

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

GA0750 - Abrams Upgrade Program

GA0750 - Abrams Upgrade Program

Vehicles

Cost Elements († indicates the presence of a P-21)	0 C 0	FY	Contractor and Location	Method/Type, or Funding Vehicle	Location of PCO	Award Date	Date of First Delivery	Qty (Each)	Unit Cost	Specs Avail Now?	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

Exhibit P-21, Budget Production Schedule: PB 2014 Army

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

Date: April 2013

Item Nomenclature:
GA0750 - Abrams Upgrade Program

GA0750 - Abrams Upgrade Program

			Cost Elen (Units in E									Fiscal Y	ear 2012											Fiscal Y	ear 2013						
					ACCEP	1 1			_		_			C	alendar	Year 201	2						-		Caler	dar Year	2013				
0 C 0	M F R	FY	SERVICE <sup>‡</sup>	PROC QTY	PRIOR TO 1 OCT 2011	BAL DUE AS OF 1 OCT	0 C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J J	A U G	S E P	0 C T	N O V	D E C	J A N	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
Ва	sic Ve	ehicle																													
	1	2012	ARMY	67	-	67	-	-	-	-	Α -	-	-	-	-	-	-	-	-	-	-	1	4	4	4	4	4	3	4	4	35
							0 C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J J	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

Exhibit P-21, Budget Production Schedule: PB 2014 Army

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

Date: April 2013

Item Nomenclature:
GA0750 - Abrams Upgrade Program

GA0750 - Abrams Upgrade Program

			Cost Elen (Units in E									Fiscal Y	ear 2014											Fiscal Y	ear 2015	5					
					ACCEP				_						alendar	Year 20	14				_				Caler	ndar Yea	r 2015				
0 C 0	M F R #	FY	SERVICE <sup>‡</sup>	PROC QTY	PRIOR TO 1 OCT 2013	BAL DUE AS OF 1 OCT	0 C T	N O V	D E C	J A N	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	N U	n n	A U G	S E P	B A L
Bas	sic Ve	ehicle																													
	1	2012	2 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 J	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	N N	n n	A U G	S E P	B A L

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

		Production Rates (Each / Month)			Procurement Leadtime (Months)							
					Initial				Reorder			
MF	R				ALT Prior			Total After	ALT Prior			Total After
#	MFR Name - Location	MSR	1-8-5	MAX	to Oct 1	ALT After Oct 1	Mfg PLT	Oct 1	to Oct 1	ALT After Oct 1	Mfg PLT	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 Dates 1. 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

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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<sup>&</sup>quot;A" in the Delivery Schedule indicated the Contract Award Date.

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

Appropriation / Budget Activity / Budget Sub Activity:

P-1 Line Item Nomenclature:

2033A: Procurement of W&TCV, Army / BA 01: Tracked Combat Vehicles / BSA 30: GA0050 - Production Base Support (TCV-WTCV) Support Equipment & Facilities

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

MDAP/MAIS Code(s):

	Prior			FY 2014	FY 2014	FY 2014					То	
Resource Summary	Years	FY 2012	FY 2013 <sup>#</sup>	Base	OCO##	Total	FY 2015	FY 2016	FY 2017	FY 2018	Complete	Total
Procurement Quantity (Units in Each)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost (\$ in Millions)	369.315	1.073	1.145	1.544	-	1.544	1.848	1.881	1.913	1.946	-	380.665
Less PY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (\$ in Millions)	369.315	1.073	1.145	1.544	-	1.544	1.848	1.881	1.913	1.946	-	380.665
Plus CY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (\$ in Millions)	369.315	1.073	1.145	1.544	-	1.544	1.848	1.881	1.913	1.946	-	380.665
	(The following	Resource Sum	mary rows are fo	or informational p	ourposes only. Ti	he corresponding	budget request	s are documente	ed elsewhere.)			

	(The following F	Resource Sumi	mary rows are fo	or informational p	urposes only. Ti	ne corresponding	g budget request	s are documented el	lsewhere.)			
Initial Spares (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Flyaway Unit Cost (Units in Thousands)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost (Units in Thousands)	-	-	-	-	-	-	-	-	-	ı	-	-

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

### **Description:**

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 Lavaway 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.

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

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

Appropriation / Budget Activity / Budget Sub Activity:

P-1 Line Item Nomenclature:

2033A: Procurement of W&TCV, Army / BA 01: Tracked Combat Vehicles / BSA 30: GA0050 - Production Base Support (TCV-WTCV) Support Equipment & Facilities

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

Other Related Program Elements:

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

								1
Project Sch	edule		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 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
Total Gross/Weapon System Cost			369.315	1.073	1.145	1.544	-	1.544

\*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.).

#### Justification:

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 facilitize, 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.

"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-25, Production Sup	port and In	dustrial Fa	acilities Co	ost Analys	sis: PB 20	14 Army			Date: Api	ril 2013		
Appropriation / Budget Activity 2033A: Procurement of W&TC\ Support Equipment & Facilities	/, Army / BA		•	t Vehicles	/ BSA 30:		em Nomenclate Production Base		WTCV)			
Project Title: Production Base	Support - L	ima				Project Nu	mber: U6037	Project Categ	ory: Prod	duction Sup	port	
End Item Supported Model:								Annual Capac	city Befo	re / After (	1-8-5): /	
Cost Elements (\$ in Millions)	FY 2012	FY 2013	FY 2014 Base	FY 2014 OCO	FY 2014 Total		e: Production Base tion: TACOM	Support - Lima				
A. Construction Cost	0.284	0.334	0.567	-	0.567	Facility Type	(GOGO, GOCO, C	<b>000)</b> : G000				
B. Equipment Cost	-	-	-	-	-	Principal Mile	estones			Month & Ye	ar	
C. Equipment Installation Cost	-	-	-	-	-	Concept Desi						
D. Contractor Support Cost	-	-	-	-	-	Final Design (						
E. Corps of Engineers Support Cost	-	-	-	-	-	Initial/Final Pr						
F. Other In-House Support Cost	-	-	-	-	-	Equipment Ins	stallation Complete:					
F. Total Facility Project Cost	-	-	-	-	-	Prove Out Be Prove Out Co	•					
G. Other Costs	-	-	-	-	-	1 TOVE OUT CO	ilipiete.	Related F	Projects			
Total Project Cost	0.284	0.334	0.567	-	0.567	Project		Related I				Compl
		,	<u> </u>			Number	Title	FY & Appn	Value (\$ M )	Facing	Start Date	Date

Narrative Explanation:

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P-1 Line #14

Exhibit P-25, Production Sup	port and In	dustrial Fa	acilities Co	ost Analys	is: PB 20	14 Army			Date: Apr	il 2013		
Appropriation / Budget Activi 2033A: Procurement of W&TC\ Support Equipment & Facilities	/, Army / B		•	t Vehicles	/ BSA 30:	P-1 Line Item Nome GA0050 - Production		ort (TCV-V	VTCV)			
Project Title: Production Base	Support - S	Scranton				Project Number: U6	6040 <b>Pro</b>	ject Categ	ory: Prod	luction Sup	port	
End Item Supported Model:							Anr	ual Capac	ity Befor	e / After (	1-8-5): /	
Cost Elements (\$ in Millions)	FY 2012	FY 2013	FY 2014 Base	FY 2014 OCO	FY 2014 Total	Facility Name: Productio Facility Location: TACO	M					
A. Construction Cost	0.189	0.222	0.377	-	0.377	Facility Type (GOGO, Go	OCO, COCO):	COCO				
B. Equipment Cost	-	-	-	-	-	Principal Milestones				Month & Ye	ar	
C. Equipment Installation Cost	-	-	-	-	-	Concept Design Complete	te:					
D. Contractor Support Cost	-	-	-	-	-	Final Design Complete:	J.					
E. Corps of Engineers Support Cost	-	-	-	-	-	Initial/Final Project Award Construction Complete:	1.					
F. Other In-House Support Cost	- 1	-	-	-	-	Equipment Installation Co	omplete:					
F. Total Facility Project Cost	-	-	-	-	-	Prove Out Begins: Prove Out Complete:						
G. Other Costs	-	-	-	-	-	Flove Out Complete.		Related F	Projects			
Total Project Cost	0.189	0.222	0.377	-	0.377	Project		- Norateu i				Compl
							itle	FY & Appn	Value (\$ M )	Facing	Start Date	Date

Narrative Explanation:

Exhibit P-25, Production Sup	port and In	dustrial Fa	acilities Co	ost Analys	is: PB 20	14 Army		1	Date: Api	il 2013		
Appropriation / Budget Activity 2033A: Procurement of W&TC\ Support Equipment & Facilities	V, Army / BA			t Vehicles	/ BSA 30:	<b>P-1 Line Item</b> GA0050 - Pro		ure: Support (TCV-V	VTCV)			
Project Title: TACOM LCMC F	Production E	Base Spt Pr	ogram			Project Numb	<b>ber:</b> U4282	Project Categ	ory: Prod	duction Sup	port	
End Item Supported Model:								Annual Capac	ity Befo	re / After (	1-8-5): /	
Cost Elements (\$ in Millions)	FY 2012	FY 2013	FY 2014 Base	FY 2014 OCO	FY 2014 Total	Facility Name: T		roduction Base Spt F	Program			
A. Construction Cost	0.600	0.589	0.600	-	0.600	Facility Type (Go	ogo, goco, c	OCO):				
B. Equipment Cost	-	-	-	-	-	Principal Milesto	ones			Month & Ye	ar	
C. Equipment Installation Cost	-	-	-	-	-	Concept Design (						
D. Contractor Support Cost	-	-	-	-	-	Final Design Con Initial/Final Project	•					
E. Corps of Engineers Support Cost	-	-	-	-	-	Construction Con						
F. Other In-House Support Cost	-	-	-	-	-	Equipment Install	lation Complete:					
F. Total Facility Project Cost	-	-	-	-	-	Prove Out Begins Prove Out Compl						
G. Other Costs	-	-	-	-	-	- 1 Tove Out Compi	icic.	Related P	rojects			
Total Project Cost	0.600	0.589	0.600	-	0.600	Project Number	Title		Value	Facing	Start Date	Compl Date
						Nulliber	ille	FY & Appn	(\$ M )	racing	Start Date	Date

Narrative Explanation:

Exhibit P-40, Budget Item Justification Sheet: PB 2014 Army

Date: April 2013

To

Appropriation / Budget Activity / Budget Sub Activity:

P-1 Line Item Nomenclature:

2033A: Procurement of W&TCV, Army / BA 02: Weapons and Other Combat

**Prior** 

G16101 - Integrated Air Burst Weapon System Family

Vehicles / BSA 10: Weapons & Other Combat Vehicles

Program Elements for Code B Items: 0604601A

FY 2014

Other Related Program Elements:

MDAP/MAIS Code(s):

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

Resource Summary	Years	FY 2012	FY 2013 <sup>#</sup>	Base	OCO##	Total	FY 2015	FY 2016	FY 2017	FY 2018	Complete	Total
Procurement Quantity (Units in Each)	-	-	-	1,424	-	1,424	1,863	2,140	2,293	2,781	Continuing	Continuing
Gross/Weapon System Cost (\$ in Millions)	0.400	-	0.506	69.147	-	69.147	71.208	71.196	72.387	87.784	Continuing	Continuing
Less PY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (\$ in Millions)	0.400	-	0.506	69.147	-	69.147	71.208	71.196	72.387	87.784	Continuing	Continuing
Plus CY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (\$ in Millions)	0.400	-	0.506	69.147	-	69.147	71.208	71.196	72.387	87.784	Continuing	Continuing
	(The following	Resource Sum	mary rows are fo	r informational p	ourposes only. Th	ne corresponding	budget request	s are documente	ed elsewhere.)		•	
Initial Spares (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Flyaway Unit Cost (Units in Thousands)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost	-	-	-	48.558	-	48.558	38.222	33.269	31.569	31.566	Continuing	Continuing

FY 2014 FY 2014

### **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.

Secor	ndary 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	-

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<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

Exhibit P-40, Budget Item Justification Sheet: PB 2014 Army

Date: April 2013

# Appropriation / Budget Activity / Budget Sub Activity:

P-1 Line Item Nomenclature:

2033A: Procurement of W&TCV, Army / BA 02: Weapons and Other Combat Vehicles / BSA 10: Weapons & Other Combat Vehicles

G16101 - Integrated Air Burst Weapon System Family

reflicies / DSA To. Weapons & Other Combat Vehicle

Program Elements for Code B Items: 0604601A

Other Related Program Elements:

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

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

Item Sched	dule		Р	rior Year	rs		FY 2012			FY 2013		FY	2014 Ba	se	FY	2014 O	o	FY	2014 To	tal
Item Nomenclature*	Exhibits	ID CD	Unit Cost	Qty (Each)	Total Cost	Unit Cost	Qty (Each)	Total Cost	Unit Cost	Qty (Each)	Total Cost									
G16101 - Integrated Air Burst Weapon System Family	P5, P5A, P21	В	-	-	0.400	-	-	-	-	-	0.506	48.558	1,424	69.147	-	-	-	48.558	1,424	69.147
Total Gross/Weapon System Cost					0.400			-			0.506			69.147			-			69.147
Item Sched	dule			FY 2015			FY 2016			FY 2017			FY 2018		To Complete			Total		
Item Nomenclature*	Exhibits	ID CD	Unit Cost	Qty (Each)	Total Cost	Unit Cost	Qty (Each)	Total Cost	Unit Cost	Qty (Each)	Total Cost									
G16101 - Integrated Air Burst Weapon System Family	P5, P5A, P21	В	-	-	-	-	-	-	-	-	-	-	-	-		Continuing			Continuing	,
Total Gross/Weapon System Cost					71.208			71.196			72.387			87.784		Continuing			Continuing	

<sup>\*</sup>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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Exhibit P-5, Cost Analysis: PB 2014 Army Appropriation / Budget Activity / Budget Sub Activity: 2033A: Procurement of W&TCV, Army / BA 02: Weapons and Other Combat Vehicles / BSA 10: Weapons & Other Combat

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

Date: April 2013

	Prior			FY 2014	FY 2014	FY 2014					То	
Resource Summary	Years	FY 2012	FY 2013 <sup>#</sup>	Base	OCO##	Total	FY 2015	FY 2016	FY 2017	FY 2018	Complete	Total
Procurement Quantity (Units in Each)	-	-	-	1,424	-	1,424	-	-	-	-	Continuing	Continuing
Gross/Weapon System Cost (\$ in Millions)	0.400	-	0.506	69.147	-	69.147	-	-	-	-	Continuing	Continuing
Less PY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (\$ in Millions)	0.400	-	0.506	69.147	-	69.147	-	-	-	-	Continuing	Continuing
Plus CY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (\$ in Millions)	0.400	-	0.506	69.147	-	69.147	-	-	-	-	Continuing	Continuing
	(The following	Resource Sum	mary rows are fo	or informational p	urposes only. Th	ne corresponding	g budget request	s are documente	ed elsewhere.)	í		Į <del>.</del>
Initial Spares (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost (Units in Thousands)	-	-	-	48.558	-	48.558	-	-	-	-	Continuing	Continuing

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

Vehicles

		Al	I Prior Yea	ırs		FY 2012			FY 2013		F	/ 2014 Bas	e	F	Y 2014 OC	0	F	/ 2014 Tota	al
Cost Elements († indicates the presence of a P-5A)	ID CD	Unit Cost	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	-	-	-	-	-	0.36
Total Package Fielding (TPF)		-	-	0.400	-	-	-	-	-	-	-	-	0.365	-	-	-	-	-	0.365
New Equipment Training (NET)		-	-	-	-	-	-	-	-	-	-	-	0.365	-	-	-	-	-	0.365
Total Recurring Cost				0.400			-			0.506			69.147			-			69.147
Total Flyaway Cost				0.400			-			0.506			69.147			-			69.147
Gross Weapon System Cost				0.400			-			0.506			69.147			-			69.147

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

Exhibit P-5, Cost Analysis: PB 2014 Army

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

Name, DODIC):

G16101 - Integrated Air Burst Weapon System Family

			FY 2015			FY 2016			FY 2017			FY 2018		Т	o Comple	te		Total Cost	t
Cost Elements († indicates the presence of a P-5A)	ID CD	Unit Cost	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				-			-			-			-		Continuing	,		Continuing	

#### P-5 Remarks:

Seco	ndary 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: P	B 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)	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)	il Date Revsn	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		

Exhibit P-21, Budget Production	Schedule: PB 2014 Army			Date: April 2013
Appropriation / Budget Activity / 2033A: Procurement of W&TCV, Ar Other Combat Vehicles / BSA 10: V Vehicles	my / BA 02: Weapons and	P-1 Line Item Nomenclature: G16101 - Integrated Air Burst Weap	on System Family	Item Nomenclature: G16101 - Integrated Air Burst Weapon System Family
Cost Elements (Units in Each)	ı	Fiscal Year 2014		Fiscal Year 2015

			Cost Elen									Fiscal Y	ear 2014											Fiscal Y	ear 2015						
					ACCEP										Calendar	Year 20	14									dar Year	2015				
0 C 0	M F R #	FY	SERVICE <sup>‡</sup>	PROC QTY	PRIOR TO 1 OCT 2013	BAL DUE AS OF 1 OCT	0 C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	0 C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	N U	J J	A U G	S E P	B A L
XM2	25 Mai	nufactu	ring and Sys	Integration	on																		,	,	,			,			
1	1	2014	ARMY	1,424	-	1,424	-	-	Α -	-	-	-	-	-	-	-	-	-	-	-	-	-	-	50	120	125	125	125	125	125	62
							O C T	N O V	D E C	J A N	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	N U	U U	A U G	S E P	B A L

203 Oth	3A:	Proc Comb	ion / Bu cureme pat Veh	nt of '	W&TC	CV, Ar	my / l	BA 02	2: Wea	apons	and		<b>Line</b> 6101 -					Weap	on Sy	/stem	Fami	ly		G16	3101 -				urst W	/eapo	nc
			Cost Elem (Units in E									Fiscal Y	ear 2016											Fiscal Y	ear 2017	,					
					ACCEP									C	Calendar	Year 201	6								Cale	ndar Yea	r 2017				
0 C 0	MI F R # I	FY	SERVICE <sup>‡</sup>	PROC QTY	PRIOR TO 1 OCT 2015	BAL DUE AS OF 1 OCT	0 C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U	A U G	S E P	0 C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	N U	J U	A U G	S E P	B A L
XM2	5 Manu	ufacturi	ng and Sys	ntegratio	n				,	,									,												
1	2	014	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	T T	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	A U G	S E P	B A L

Exhibit P-21, Budget Production Schedule: PB 2014 Army

Date: April 2013

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

		Product	ion Rates (Each / I	Month)				Procurement Lea	dtime (Months)			,
						Initi	al			Reo	der	
MFR #	MFR Name - Location	MSR	1-8-5	MAX	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	(	3	15	18	6	3	15	18

<sup>&</sup>quot;A" in the Delivery Schedule indicated the Contract Award Date.

P-1 Line #15

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).

Exhibit P-40, Budget Item Justification Sheet: PB 2014 Army

Date: April 2013

Appropriation / Budget Activity / Budget Sub Activity:

P-1 Line Item Nomenclature:

2033A: Procurement of W&TCV, Army / BA 02: Weapons and Other Combat

GB2000 - Machine Gun, Cal .50 M2 Roll

Vehicles / BSA 10: Weapons & Other Combat Vehicles

Program Elements for Code B Items:

Other Related Program Elements:

MDAP/MAIS Code(s):

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

	Prior			FY 2014	FY 2014	FY 2014					То	
Resource Summary	Years	FY 2012	FY 2013 <sup>#</sup>	Base	OCO##	Total	FY 2015	FY 2016	FY 2017	FY 2018	Complete	Total
Procurement Quantity (Units in Each)	21,580	-	-	-	-	-	-	-	-	-	-	21,580
Gross/Weapon System Cost (\$ in Millions)	380.982	31.102	-	-	-	-	-	-	-	-	-	412.084
Less PY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (\$ in Millions)	380.982	31.102	-	-	-	-	-	-	-	-	-	412.084
Plus CY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (\$ in Millions)	380.982	31.102	-	-	-	-	-	-	-	-	-	412.084
	(The following	g Resource Sum	mary rows are fo	or informational p	ourposes only. Ti	he correspondin	g budget request	s are documente	ed elsewhere.)	•	1	
Initial Spares (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Flyaway Unit Cost (Units in Thousands)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost	-	-	-	-	-	-	-	-	-	-	-	-

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

### **Description:**

(Units in Thousands)

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.

				FY 2014	FY 2014	FY 2014				
Seco	ondary Distribution	FY 2012	FY 2013	Base	oco	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	-	-	-	-	-	-	-	-

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Page 1 of 4

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

							UNG	CLAS	SIFIED	)									
Exhibit P-40, Budget Item Ju	stifi	cation S	Sheet: P	PB 201	4 Army									Date	: April	2013			
Appropriation / Budget Active 2033A: Procurement of W&TC Vehicles / BSA 10: Weapons &	V, A	rmy / BA	4 02: We	eapons		her Co	mbat	I .		Item No - Machin			0 M2 Ro	II					
ID Code (A=Service Ready, B=Not Service Rea	dy) : <i>A</i>	1			Program	Element	s for Cod	e B Item	s:			Oth	er Relate	d Prograi	n Eleme	nts:			
MDAP/MAIS Code(s):																			
Item Schedule		Pr	ior Years	\$		FY 2012	2		FY 2013	3	FY	2014 B	ase	FY	2014 O	СО	F	2014 To	tal
Item Nomenclature* Exhibits	ID CD	Unit Cost	Qty (Each)	Total Cost (\$ M)	Unit Cost	Qty (Each)	Total Cost	Unit Cost	Qty (Each)	Total Cost	Unit Cost	Qty (Each)	Total Cost	Unit Cost	Qty (Each)	Total Cost	Unit Cost	Qty (Each)	Total Co
GB2000 - Machine Gun, Cal .50 M2 Roll	А	-	-	380.982	-	-	31.102	-	-	-	-	-	-	-	-	-	-	-	-
Total Gross/Weapon System Cost				380.982			31.102			-			-			-			-
*Item Nomenclature represents Item Number	r, DC	DIC, and Ite	em Name fo	or the P40	)A and P5; I	Name for t	the P18 and	d P23; Mod	dification N	umber and	Modificatio	n Title for	the P3A; Ite	m Number	and Item	Name for th	e P10.		
Note: Totals in this Exhibit P-40 set may no	be e	xact or add d	due to roun	nding.															
In accordance with Section 1815 of defense missions, domestic emerge									m is nece	essary for	use by the	e active a	and reserv	e compon	ents of th	ne Armed	Forces fo	r homela	nd

LI GB2000 - Machine Gun, Cal .50 M2 Roll Army

P-1 Line #16

Exhibit P-5, Cost Analysis: PB 2014 Army Appropriation / Budget Activity / Budget Sub Activity:

P-1 Line Item Nomenclature:

GB2000 - Machine Gun, Cal .50 M2 Roll

Item Nomenclature (Item Number - Item

Name, DODIC):

Date: April 2013

GB2000 - Machine Gun, Cal .50 M2 Roll

2033A: Procurement of W&TCV, Army / BA 02: Weapons and Other Combat Vehicles / BSA 10: Weapons & Other Combat Vehicles

FY 2013<sup>#</sup> FY 2014 OCO## **Prior Years FY 2014 Base** FY 2014 Total **Resource Summary** FY 2012 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)

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

		Al	l Prior Yea	ars		FY 2012			FY 2013	•	F`	Y 2014 Ba	se	F	Y 2014 OCC	)	F	2014 Tot	al
Cost Elements († indicates the presence of a P-5A)	ID CD	Unit Cost	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	-	-	-	-	-	-	-	-	-	-	-	-
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:

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

Exhibit P-5, Cost Analysis: PB 2014 Army	Date: April 2013	
Appropriation / Budget Activity / Budget Sub Activity:	P-1 Line Item Nomenclature:	Item Nomenclature (Item Number - Item
2033A: Procurement of W&TCV, Army / BA 02: Weapons and	GB2000 - Machine Gun, Cal .50 M2 Roll	Name, DODIC):
Other Combat Vehicles / BSA 10: Weapons & Other Combat		GB2000 - Machine Gun, Cal .50 M2 Roll
Vehicles		

Se	econdary Distribution	FY 2012	FY 2013	FY 2014 Base	FY 2014 OCO	FY 2014 Total
Army	Quantity	-	-	-	-	-
	Total Obligation Authority	15.532	-	-	-	-
ANG	Quantity	-	-	-	-	-
	Total Obligation Authority	10.390	-	-	-	-
AR	Quantity	-	-	-	-	-
	Total Obligation Authority	5.180	-	-	-	-

Exhibit P-40, Budget Item Justification Sheet: PB 2014 Army

Date: April 2013

Appropriation / Budget Activity / Budget Sub Activity:

P-1 Line Item Nomenclature:

2033A: Procurement of W&TCV, Army / BA 02: Weapons and Other Combat

G12800 - Lightweight .50 Caliber Machine Gun

Vehicles / BSA 10: Weapons & Other Combat Vehicles

Program Elements for Code B Items: 0604601A

Other Related Program Elements:

MDAP/MAIS Code(s):

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

	Prior			FY 2014	FY 2014	FY 2014					То	
Resource Summary	Years	FY 2012	FY 2013 <sup>#</sup>	Base	OCO##	Total	FY 2015	FY 2016	FY 2017	FY 2018	Complete	Total
Procurement Quantity (Units in Each)	-	-	610	-	-	-	-	-	-	-	-	610
Gross/Weapon System Cost (\$ in Millions)	-	-	25.183	-	-	-	-	-	-	-	-	25.183
Less PY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (\$ in Millions)	-	-	25.183	-	-	-	-	-	-	-	-	25.183
Plus CY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (\$ in Millions)	-	-	25.183	-	-	-	-	-	-	-	-	25.183
	(The following	g Resource Sum	nmary rows are fo	or informational p	ourposes only. Ti	he correspondin	g budget request	s are documente	ed elsewhere.)			
Initial Spares (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Flyaway Unit Cost (Units in Thousands)	-	-	-	-	-	-	-	-	-	-	-	-
		1			1							

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

### **Description:**

(Units in Thousands)

Gross/Weapon System Unit Cost

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.

Secon	ndary Distribution	FY 2012	FY 2013	FY 2014 Base	FY 2014 OCO	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018
Army	Quantity	-	395	-	-	-	-	-	-	-
	Total Obligation Authority	-	16.621	-	-	-	-	-	-	-
ANG	Quantity	-	215	-	-	-	-	-	-	-
	Total Obligation Authority	-	8.562	-	-	-	-	-	-	-

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

Exhibit P-40, Budget Item Justification Sheet: PB 2014 Army		Date: April 2013
Appropriation / Budget Activity / Budget Sub Activity:	P-1 Line Item Nomenclature:	

2033A: Procurement of W&TCV, Army / BA 02: Weapons and Other Combat Vehicles / BSA 10: Weapons & Other Combat Vehicles

G12800 - Lightweight .50 Caliber Machine Gun

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 Sche	dule		Р	rior Year	's		FY 2012			FY 2013		FY	2014 Ba	ise	FY	2014 O	co	FY	2014 To	tal
Item Nomenclature*	Exhibits	ID CD	Unit Cost	Qty (Each)	Total Cost	Unit Cost	Qty (Each)	Total Cost	Unit Cost	Qty (Each)	Total Cost (\$ M)	Unit Cost	Qty (Each)	Total Cost	Unit Cost	Qty (Each)	Total Cost	Unit Cost	Qty (Each)	Total Cost
G12800 - Lightweight .50 Caliber Machine Gun	P5, P5A, P21	В	-	-	-	-	-	-	-	610	25.183	-	-	-	-	-	-	-	-	-
Total Gross/Weapon System Cost					-			-			25.183			-			-			-

<sup>\*</sup>ttem 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.

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Exhibit P-5, Cost Analysis: PB 2014 Army

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

Date: April 2013

Item Nomenclature (Item Number - Item

Name, DODIC):

G12800 - Lightweight .50 Caliber

Machine Gun

Resource Summary	Prior Years	FY 2012	FY 2013 <sup>#</sup>	FY 2014 Base	FY 2014 OCO##	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)	-	-	-	=	-	-					
otal Obligation Authority (\$ in Millions) 25.183											
(The following Resource Sum	(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)										

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

		Al	l Prior Yea	ars		FY 2012			FY 2013		F	Y 2014 Bas	se	F`	Y 2014 OC	0	F	2014 Tota	al
Cost Elements († indicates the presence of a P-5A)	ID CD	Unit Cost	Quantity (Each)	Total Cost (\$ M)	Unit Cost	Quantity (Each)	Total Cost (\$ M)	Unit Cost	Quantity (Each)	Total Cost (\$ M )	Unit Cost	Quantity (Each)	Total Cost (\$ M)	Unit Cost	Quantity (Each)	Total Cost (\$ M )	Unit Cost	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		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Engineering     Support		-	-	-	-	-	-	-	-	1.800	-	-	-	-	-	-	-	-	-
5. Integrated Logistics Support		-	-	-	-	-	-	-	-	0.050	-	-	-	-	-	-	-	-	-
6. New Equipment Training		-	-	-	-	-	-	-	-	0.100	-	-	-	-	-	-	-	-	-
7. Total Package Fielding		-	-	-	-	-	-	-	-	0.200	-	-	-	-	-	-	-	-	-
First Destination     Transportation		-	-	-	-	-	-	-	-	0.050	-	-	-	-	-	-	-	-	-
Total Recurring Cost				-			-			25.183			-			-			-
Total Flyaway Cost				-			-			25.183			-			-			-
Gross Weapon System Cost				-			-			25.183			-			-			=

#### P-5 Remarks:

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

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

Se	condary 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	-	-	-

Exhibit P-5A, Budget Procurement History and Planning: P	B 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)	000	FY	Contractor and Location	Method/Type, or Funding Vehicle	Location of PCO	Award Date	Date of First Delivery	<b>Qty</b> (Each)	Unit Cost	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	Ν	Apr 2012	

#### Remarks:

The termination plan was approved by the Army Acquisition Executive on 27 September 2012. Termination activities are on going.

P-1 Line #17

Exhibit P-21, Budget Production Schedule: PB 2014	l Army		Date: April 2013	
Appropriation / Budget Activity / Budget Sub Activity 2033A: Procurement of W&TCV, Army / BA 02: Weapon Other Combat Vehicles / BSA 10: Weapons & Other Covehicles	ons and G12800 - Lightweight .50 Caliber Ma	achine Gun	Item Nomenclature: G12800 - Lightweight .50 Caliber Machine Gun	
Cost Elements (Units in Each)	Fiscal Year 2013		Fiscal Year 2014	
ACCEP PRIOR PAL	Calendar Year 2013		Calendar Year 2014	

			Cost Elen (Units in E									Fiscal Y	ear 2013											Fiscal Y	ear 2014						
					ACCEP									C	alendar	Year 201	3								Caler	ndar Year	2014				
0 0	M F R	FY	SERVICE <sup>‡</sup>	PROC QTY	PRIOR TO 1 OCT 2012	BAL DUE AS OF 1 OCT	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	T U	A U G	S E P	0 C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U	J U L	A U G	S E P	B A L
1.	Lightw	eight .50	Cal Machine	Gun Sy	S																										
	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	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	A U G	S E P	B A L

203 Oth	3A: P	Proc omba	on / Bu ureme at Veh	nt of	W&TC	CV, Ar	my / l	BA 02	2: Wea	apons	and		<b>Line I</b> 2800 -						achine	e Gun				G12		Light	<b>lature</b> tweigh	_	Calibe	÷r	
			Cost Elem (Units in E									Fiscal Y	ear 2015											Fiscal Y	ear 201	3					
					ACCEP									С	alendar `	Year 201	5								Cale	ndar Yea	r 2016				
0	M F R # FY	r s	ERVICE <sup>‡</sup>	PROC QTY		BAL DUE AS OF 1 OCT	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	N U	J U L	A U G	S E P	0 C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	n n	A U G	S E P	B A L
1. Li	ghtweight	t .50 C	al Machine	Gun Sy	s																										
1	201	13 AF	RMY	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	0 C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	n n	A U G	S E P	B A L

Exhibit P-21, Budget Production Schedule: PB 2014 Army

Date: April 2013

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

		Product	tion Rates (Each /	Month)				Procurement Lea	adtime (Months)			
						Init	ial			Reo	rder	
MFI #	MFR Name - Location	MSR	1-8-5	MAX	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

<sup>&</sup>quot;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).

Exhibit P-40, Budget Item Justification Sheet: PB 2014 Army		Date: April 2013
Appropriation / Budget Activity / Budget Sub Activity:	P-1 Line Item Nomenclature:	

2033A: Procurement of W&TCV, Army / BA 02: Weapons and Other Combat

G02200 - Mortar Systems

Vehicles / BSA 10: Weapons & Other Combat Vehicles

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

MDAP/MAIS Code(s):

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

	Prior			FY 2014	FY 2014	FY 2014					То	
Resource Summary	Years	FY 2012	FY 2013 <sup>#</sup>	Base	OCO##	Total	FY 2015	FY 2016	FY 2017	FY 2018	Complete	Total
Procurement Quantity (Units in Each)	-	70	-	-	-	-	-	-	-	-	-	70
Gross/Weapon System Cost (\$ in Millions)	313.454	10.177	8.104	5.310	-	5.310	5.066	5.070	-	-	-	347.181
Less PY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (\$ in Millions)	313.454	10.177	8.104	5.310	-	5.310	5.066	5.070	-	-	-	347.181
Plus CY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (\$ in Millions)	313.454	10.177	8.104	5.310	-	5.310	5.066	5.070	-	-	-	347.181
	(The following	g Resource Sum	mary rows are fo	or informational p	ourposes only. Ti	he corresponding	budget request	s are documente	ed elsewhere.)		-	
1 111 1 0												

	(The following	Resource Sumi	mary rows are to	or informational p	urposes only. I	he corresponding	g budget request	s are documented e	elsewhere.)			
Initial Spares (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Flyaway Unit Cost (Units in Thousands)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost (Units in Thousands)	-	145.386	-	-	-	-	-	-	-	-	-	4.960

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

# **Description:**

Mortar Systems includes the production of 60mm Light Weight M224/A1; 81mm Light Weight M252/A1; and 120mm M120A1/M121 Mortar Weapon Systems and 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.

Sec	ondary Distribution	FY 2012	FY 2013	FY 2014 Base	FY 2014 OCO	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018
Army	Quantity	70	-	-	-	-	-	-	-	-
	Total Obligation Authority	6.537	6.10	3.810	-	3.810	3.566	3.570	-	-
ANG	Quantity	-	-	-	-	-	-	-	-	-
	Total Obligation Authority	3.640	2.00	0 1.500	-	1.500	1.500	1.500	-	-
	Itom Cohodulo	Drior '	Vooro	EV 2012	EV 20	12	EV 2014 Page	EV 2014 O	CO 5	V 2014 Total

item con	caulo			non noun						20.0			20 17 Du	30		2017 0	, ,		2017 10	'tui
Item Nomenclature*	Exhibits	ID CD	Unit Cost	Qty (Each)	Total Cost															
G02200 - Mortar Systems	P5, P5A, P21		-	-	313.454	-	70	10.177	-	-	8.104	-	-	5.310	-	-	-	-	-	5.310

**UNCLASSIFIED** LI G02200 - Mortar Systems 147 Army Page 1 of 7 P-1 Line #18

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

Appropriation / Budget Activ 2033A: Procurement of W&TC		cation Shee	- 1- DD 004															
2033A: Procurement of W&TC	ity /		et: PB 2014	4 Army									Date	: April	2013			
Vernoies / Der vie vveapons v		rmy / BA 02	2: Weapons		her Co	mbat	I		Item No Mortar					-				
ID Code (A=Service Ready, B=Not Service Ready)	ady) :		I	Program	Element	s for Cod	e B Items	:			Oth	er Relate	d Progran	n Eleme	nts:		-	
MDAP/MAIS Code(s):	A 10: Weapons & Other Combat Vehicles  Ready, B=Not Service Ready):  Program Elements  de(s):  Schedule  Prior Years  FY 2012  ID  Unit Cost (\$K)  (\$K)  Total Cost (\$K)  (\$K)  (Each)  313.454  Program Elements  Oty (Each)  Total Cost (\$K) (Each)  Total Cost (\$K) (Each)  Exhibits  Program Elements  Oty (Each)  Oty (Each)  Exhibit P-40 set may not be exact or add due to rounding.																	
Item Schedule										FY	2014 B	ase	FY	2014 O	со	FY	2014 T	otal
Item Nomenclature* Exhibits	Budget Item Justification Sheet: PB 2014 Army  In / Budget Activity / Budget Sub Activity:  In / Budget Ready, Paddet Sub Activity:  In / Budget Ready / Baddet Sub Activity:  In / Budget Sub Activity:  In / Budget Ready / Baddet Sub Activity:  In / Baddet Ready / Baddet Ready / Baddet Sub Activity:  In / Baddet Ready /							Qty (Each)	Total Cost	Unit Cost	Qty (Each)	Total Cost	Unit Cost	Qty (Each)	Total Cost	Unit Cost	Qty (Each)	Total Cost
Total Gross/Weapon System Cost								,	8.104	(, )	( /	5.310	, ,	( , ,	-		( 11 )	5.310
*Item Nomenclature represents Item Numb	pet Activity / Budget Sub Activity:  of W&TCV, Army / BA 02: Weapons and Other Combat eapons & Other Combat Vehicles  of Service Ready):  Prior Years  Program Elements for Combat Vehicles  Unit Cost Qty (\$K) (\$K) (\$K) (\$K) (\$K) (\$K) (\$K) (\$K)								umber and I	Modification	Title for	the P3A; Ite	m Number	and Item	Name for the	ne P10.		
Note: Totals in this Exhibit P-40 set may no <b>Justification:</b>	t be ex	act or add due to	o rounding.															
	CV, Army / BA 02: Weapons and Other Combat  & Other Combat Vehicles  Program Elements for Code I  Prior Years FY 2012  ID Unit Cost (\$K) (\$K) (SK) (SK) (Each) (\$K) (SK) (Each) (SK)  Program Elements for Code I  Total Cost (\$K) (\$K) (Each) (SK) (SK) (Each) (SK)  Program Elements for Code I  Total Cost (\$K) (SK) (Each) (SK) (SK) (Each) (SK)  Program Elements for Code I  Total Cost (SK) (SK) (Each) (SK) (SK)  Program Elements for Code I  Total Cost (SK) (SK) (Each) (SK)  Total Cost (SK) (SK) (Each) (SK)  Program Elements for Code I  Total Cost (SK) (SK) (Each) (SK)  Total Cost (SK)  Program Elements for Code I  Total Cost (SK) (SK) (Each) (SK)  Total Cost (SK)  Total Cost (SK)  Program Elements for Code I  Total Cost (SK)  Total C																	

LI G02200 - Mortar Systems Army

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Exhibit P-5, Cost Analysis: PB 2014 Army

P-1 Line Item Nomenclature:

G02200 - Mortar Systems

Item Nomenclature (Item Number - Item

Appropriation / Budget Activity / Budget Sub Activity: 2033A: Procurement of W&TCV, Army / BA 02: Weapons and Other Combat Vehicles / BSA 10: Weapons & Other Combat

Name, DODIC):

Date: April 2013

G02200 - Mortar Systems

Vehicles

Resource Summary	<b>Prior Years</b>	FY 2012	FY 2013 <sup>#</sup>	FY 2014 Base	FY 2014 OCO##	FY 2014 Total
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)	-	-	-	-	-	-
Total Obligation Authority (\$ in Millions)	313.454	10.177	8.104	5.310	-	5.310

(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

*** The FY 2014 OCO F	eque	St Will De St	Diffilled at a	later date															
		All	I Prior Yea	ars		FY 2012			FY 2013		F	/ 2014 Bas	se	F	Y 2014 OC	0	F۱	/ 2014 Tota	al
Cost Elements († indicates the presence of a P-5A)	ID CD	Unit Cost	Quantity (Each)	Total Cost (\$ M)	Unit Cost	Quantity (Each)	Total Cost (\$ M)	Unit Cost	Quantity (Each)	Total Cost (\$ M)	Unit Cost	Quantity (Each)	Total Cost (\$ M )	Unit Cost	Quantity (Each)	Total Cost (\$ M)	Unit Cost	Quantity (Each)	Total Cost (\$ M)
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	0.92
† M67 Sight Units		-	-	-	4.000	70	0.280	-	-	-	-	-	-	-	-	-	-	-	-
† M1101 Trailers		-	-	-	-	-	-	10.000	48	0.480	10.000	20	0.200	-	-	-	10.000	20	0.20
† Round Counter		-	-	-	-	-	-	1.000	650	0.650	1.000	650	0.650	-	-	-	1.000	650	0.65
Production Engineering		-	-	-	-	-	2.023	-	-	2.160	-	-	2.000	-	-	-	-	-	2.00
Proof and Acceptance		-	-	-	-	-	0.250	-	-	0.234	-	-	0.200	-	-	-	-	-	0.20
Government ILS		-	-	-	-	-	0.500	-	-	0.350	-	-	0.325	-	-	-	-	-	0.32
Staging		-	-	-	-	-	0.500	-	-	0.500	-	-	0.450	-	-	-	-	-	0.45
Shipping		-	-	-	-	-	0.356	-	-	-	-	-	-	-	-	-	-	-	-
Operations and New Equipment Training		-	-	-	-	-	0.665	-	-	0.860	-	-	0.561	-	-	-	-	-	0.56

LI G02200 - Mortar Systems Army

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P-1 Line #18

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

Exhibit P-5, Cost Analysis: PB 2014 Army

P-1 Line Item Nomenclature:

Item Nomenclature (Item Number - Item

Appropriation / Budget Activity / Budget Sub Activity: 2033A: Procurement of W&TCV, Army / BA 02: Weapons and

G02200 - Mortar Systems Name, DODIC):

G02200 - Mortar Systems

Date: April 2013

		All Prior Years	FY 2012
Vehicles			
Other Combat Ver	nicles	s / BSA 10: Weapons &	Other Combat

		Al	I Prior Yea	irs		FY 2012			FY 2013		F'	Y 2014 Bas	se	F	Y 2014 OC	0	F	1 2014 Tot	al
Cost Elements († indicates the presence of a P-5A)	ID CD	Unit Cost	Quantity (Each)	Total Cost (\$ M)	Unit Cost	Quantity (Each)	Total Cost (\$ M)	Unit Cost	Quantity (Each)	Total Cost (\$ M)	Unit Cost	Quantity (Each)	Total Cost (\$ M )	Unit Cost	Quantity (Each)	Total Cost (\$ M )	Unit Cost	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:

Sec	condary 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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Exhibit P-5A, Budget Procurement History and Planning: PB 2014 Army

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

Date: April 2013

Item Nomenclature:

G02200 - Mortar Systems

Cost Elements († indicates the presence of a P-21)	0 0	FY	Contractor and Location	Method/Type, or Funding Vehicle	Location of PCO	Award Date	Date of First Delivery	Qty (Each)	Unit Cost	Specs Avail Now?	Date Revsn Avail	RFP Issue Date
†60mm Cannon Tubes		2012	Watervliet Arsenal / Watervliet, NY	РО	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	Υ		
60mm M8A1 Baseplate		2012	Watervliet Arsenal / Watervliet, NY	РО	Watervliet Arsenal, NY	Sep 2012	Jul 2014	571	5.000	Υ		
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	Υ		
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	Υ		
M1101 Trailers		2014	PM LT TV / Warren, MI	C / FP	Warren, MI	Feb 2014	Feb 2015	20	10.000	Υ		
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	Υ		

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P-1 Line #18

Exhibit P-21, Budget Production Schedule: PB 2014 Army

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

G02200 - Mortar Systems

			Cost Elen (Units in E									Fiscal \	ear 2012	!										Fiscal Y	ear 2013						
					ACCEP										alendar	Year 201	12				_		-		Caler	ndar Year	2013				
0 C 0	M F R #	FY	SERVICE <sup>‡</sup>	PROC QTY	PRIOR TO 1 OCT 2011	BAL DUE AS OF 1 OCT	0 C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	N N	J U L	A U G	S E P	0 C T	N O V	D E C	J A N	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
60n	nm C	annon	Tubes																												
	1	2012	ARMY	70	-	70	-	-	-	-	-	Α -	-	-	-	-	-	-	-	-	-	-	-	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 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
11 1 1 1 1 1	Item Nomenclature: G02200 - Mortar Systems

		Producti	ion Rates (Each / I	Month)				Procurement Lea	dtime (Months)			
						Initi	al			Reo	der	
MFR #	MFR Name - Location	MSR	1-8-5	MAX	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

<sup>&</sup>quot;A" in the Delivery Schedule indicated the Contract Award Date.

LI G02200 - Mortar Systems
Army

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P-1 Line #18

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).

Exhibit P-40, Budget Item Justification Sheet: PB 2014 Army

Date: April 2013

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Continuina

Appropriation / Budget Activity / Budget Sub Activity:

P-1 Line Item Nomenclature:

4.752

2033A: Procurement of W&TCV, Army / BA 02: Weapons and Other Combat

G01501 - XM320 Grenade Launcher Module (GLM)

Vehicles / BSA 10: Weapons & Other Combat Vehicles

Program Elements for Code B Items:

Other Related Program Elements:

MDAP/MAIS Code(s):

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

	Prior			FY 2014	FY 2014	FY 2014					То	
Resource Summary	Years	FY 2012	FY 2013 <sup>#</sup>	Base	OCO##	Total	FY 2015	FY 2016	FY 2017	FY 2018	Complete	Total
Procurement Quantity (Units in Each)	44,014	2,954	2,280	5,061	-	5,061	7,615	5,855	5,444	12,818	Continuing	Continuing
Gross/Weapon System Cost (\$ in Millions)	135.137	12.055	14.096	24.049	-	24.049	35.796	29.873	27.939	23.941	Continuing	Continuing
Less PY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (\$ in Millions)	135.137	12.055	14.096	24.049	-	24.049	35.796	29.873	27.939	23.941	Continuing	Continuing
Plus CY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (\$ in Millions)	135.137	12.055	14.096	24.049	-	24.049	35.796	29.873	27.939	23.941	Continuing	Continuing
	(The following	Resource Sum	mary rows are fo	or informational p	urposes only. Ti	he corresponding	g budget request	s are documente	ed elsewhere.)	•		
Initial Spares (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Flyaway Unit Cost (Units in Thousands)	_	_	_	_	_	_	_	_	_	_	_	_

4.752

### **Description:**

(Units in Thousands)

Gross/Weapon System Unit Cost

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.

Secon	ndary 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	6,093	4,684	4,355	10,254
	Total Obligation Authority	7.110	8.383	19.234	-	19.234	28.642	23.898	22.350	19.154
ANG	Quantity	975	752	759	-	759	1,142	878	817	1,923
	Total Obligation Authority	3.980	4.599	3.606	-	3.606	5.368	4.480	4.193	3.592
AR	Quantity	236	183	254	-	254	380	293	272	641
	Total Obligation Authority	0.965	1.114	1.209	-	1.209	1.786	1.495	1.396	1.195

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<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

Exhibit P-40, Budget Item Justification Sheet: PB 2014 Army

Date: April 2013

Appropriation / Budget Activity / Budget Sub Activity:

P-1 Line Item Nomenclature:

2033A: Procurement of W&TCV, Army / BA 02: Weapons and Other Combat

G01501 - XM320 Grenade Launcher Module (GLM)

Vehicles / BSA 10: Weapons & Other Combat Vehicles

Program Elements for Code B Items:

Other Related Program Elements:

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

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

Item Sche	dule		Р	rior Yea	'S		FY 2012			FY 2013		FY	2014 Ba	se	FY	2014 O	co	FY	2014 To	tal
Item Nomenclature*	Exhibits	ID CD	Unit Cost	Qty (Each)	Total Cost															
G01501 - XM320 Grenade Launcher Module (GLM)	P5, P5A, P21	А	-	-	135.137	-	2,954	12.055	-	2,280	14.096	4.752	5,061	24.049	-	-	-	4.752	5,061	24.049
Total Gross/Weapon System Cost					135.137			12.055			14.096			24.049			-			24.049
Item Sche	dule			FY 2015			FY 2016			FY 2017			FY 2018		To	Comple	ete		Total	
Item Nomenclature*	Exhibits	ID	Unit Cost	Qty (Each)	Total Cost															
G01501 - XM320 Grenade Launcher Module (GLM)	P5, P5A, P21	А	-	-	-	-	-	-	-	-	-	-	-	-		Continuing			Continuing	
Total Gross/Weapon System Cost					35.796			29.873			27.939			23.941		Continuing			Continuing	ı

\*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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Exhibit P-5, Cost Analysis: PB 2014 Army

Appropriation / Budget Activity / Budget Sub Activity: P-1 Li

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)

Date: April 2013

Item Nomenclature (Item Number - Item

Name, DODIC):

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 (Units in Each)	-	2,954	2,280	5,061	-	5,061	-	-	-	-	Continuing	Continuing			
Gross/Weapon System Cost (\$ in Millions)	135.137	12.055	14.096	24.049	-	24.049	-	-	-	-	Continuing	Continuing			
Less PY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-			
Net Procurement (P1) (\$ in Millions)	135.137	12.055	14.096	24.049	-	24.049	-	-	-	-	Continuing	Continuing			
Plus CY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-			
Total Obligation Authority (\$ in Millions)	135.137	12.055	14.096	24.049	-	24.049	-	-	-	-	Continuing	Continuing			
	(The following	Resource Sum	mary rows are fo	or informational p	ourposes only. Th	ne corresponding	budget request	s are documente	ed elsewhere.)	,					
Initial Spares (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-			
Gross/Weapon System Unit Cost (Units in Thousands)	-	-	-	4.752	-	4.752	-	-	-	-	Continuing	Continuing			

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			F۱	/ 2014 Bas	se	F	/ 2014 OC	0	FY 2014 Total		
		Unit Cost	Quantity (Each)	Total Cost (\$ M)	Unit Cost	Quantity (Each)	Total Cost (\$ M)	Unit Cost	Quantity (Each)	Total Cost (\$ M)	Unit Cost	Quantity (Each)	Total Cost (\$ M )	Unit Cost	Quantity (Each)	Total Cost (\$ M)	Unit Cost	Quantity (Each)	Total Cost (\$ M)
lyaway 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	10.8
† 2. Laser Range Finder (LRF)		0.714	11,269	8.041	-	-	-	-	-	-	0.560	5,061	2.833	-	-	-	0.560	5,061	2.83
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	7.89
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	0.1
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	0.29
7. Engineering, Test, and Evaluation Spt		-	-	3.531	-	-	1.155	-	-	1.142	-	-	0.786	-	-	-	-	-	0.78
Integrated Logistics     Support (ILS)		-	-	1.096	-	-	0.131	-	-	0.345	-	-	0.144	-	-	-	-	-	0.14
9. Total Package Fielding (TPF)		-	-	1.729	-	-	0.370	-	-	0.390	-	-	0.287	-	-	-	-	-	0.2
10. New Equipment Training (NET)		0.468	3,761	1.761	-	-	0.385	-	-	0.840	-	-	0.873	-	-	-	-	-	0.87

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**Exhibit P-5, Cost Analysis:** PB 2014 Army **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 (Item Number - Item Name, DODIC):

G01501 - XM320 Grenade Launcher

Module (GLM)

Date: April 2013

		All Prior Years			FY 2012			FY 2013			F`	Y 2014 Bas	se	FY 2014 OCO			FY 2014 Total		
Cost Elements († indicates the presence of a P-5A)	ID CD	UIIIL COSL	Quantity (Each)	Total Cost (\$ M )	Unit Cost	Quantity (Each)	Total Cost (\$ M )	Unit Cost	Quantity (Each)	Total Cost (\$ M )	Unit Cost	Quantity (Each)	Total Cost (\$ M )	Unit Cost	Quantity (Each)	Total Cost (\$ M)	Unit Cost	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)		FY 2015			FY 2016				FY 2017			FY 2018		To Complete				Total Cost		
	ID CD	Unit Cost	Quantity (Each)	Total Cost (\$ M)	Unit Cost	Quantity (Each)	Total Cost (\$ M)	Unit Cost	Quantity (Each)	Total Cost (\$ M)	Unit Cost	Quantity (Each)	Total Cost (\$ M )	Unit Cost	Quantity (Each)	Total Cost (\$ M)	Unit Cost	Quantity (Each)	Total Cost (\$ M)	
Flyaway Cost	1 '				•			,			•									
Recurring Cost																				
† 1. M320 Grenade Launcher		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
† 2. Laser Range Finder (LRF)		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
<ol><li>New Day Night Sight (DNS)/LRF Combo</li></ol>		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
† 4. Grenadier Sight System(GSS)		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
5. Tool Set/ASL		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
6. Arms Racks		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
7. Engineering, Test, and Evaluation Spt		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
<ol><li>Integrated Logistics Support (ILS)</li></ol>		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
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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Exhibit P-5, Cost Analysis: PB 2014 Army		Date: April 2013
Appropriation / Budget Activity / Budget Sub Activity:	P-1 Line Item Nomenclature:	Item Nomenclature (Item Number - Item
2033A: Procurement of W&TCV, Army / BA 02: Weapons and	G01501 - XM320 Grenade Launcher Module (GLM)	Name, DODIC):
Other Combat Vehicles / BSA 10: Weapons & Other Combat		G01501 - XM320 Grenade Launcher
Vehicles		Module (GLM)

			FY 2015			FY 2016			FY 2017			FY 2018		To	Complet	te		Total Cost	
Cost Elements († indicates the presence of a P-5A)	ID CD	Unit Cost	Quantity (Each)	Total Cost (\$ M)	Unit Cost	Quantity (Each)	Total Cost (\$ M )	Unit Cost	Quantity (Each)	Total Cost (\$ M)	Unit Cost	Quantity (Each)	Total Cost (\$ M )	Unit Cost	Quantity (Each)	Total Cost (\$ M)	Unit Cost	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	-	-	-	-
	<b>Total Obligation Authority</b>	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	-	-	-	-

Exhibit P-5A, Budget Procurement History and Planning: Pl	B 2014 Army	Date: April 2013
Appropriation / Budget Activity / Budget Sub Activity:	P-1 Line Item Nomenclature:	Item Nomenclature:
2033A: Procurement of W&TCV, Army / BA 02: Weapons and	G01501 - XM320 Grenade Launcher Module (GLM)	G01501 - XM320 Grenade Launcher
Other Combat Vehicles / BSA 10: Weapons & Other Combat		Module (GLM)
Vehicles		

Cost Elements († indicates the presence of a P-21)	0 0	FY	Contractor and Location	Method/Type, or Funding Vehicle	Location of PCO	Award Date	Date of First Delivery	Qty (Each)	Unit Cost	Specs Avail Now?	Date Revsn	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		

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 (GLN	Item Nomenclature: G01501 - XM320 Grenade Launcher Module (GLM)
Cost Elements		

	_																														
			Cost Elem (Units in E									Fiscal Y	ear 2013											Fiscal Ye	ar 2014						
					ACCEP				_					C	alendar	Year 201	3					-			Calen	dar Year	2014				
0	M F R								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. M	1320	Grenade	e Launcher																												
1	1	2012	ARMY	2,954	-	2,954	-	-	-	-	-	-	A -	-	-	329	400	400	400	200	200	200	200	300	325						-
1	1	2013	ARMY (VII)	2,280	-	2,280	-	-	-	-	-	-	Α -	-	-	-	-	-	250	250	250	280	300	200	250	250	250				-
2	2	2014	ARMY	5,061	-	5,061	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	Α -	-	-	-	-	-	300	400	500	3,861
							0 C T	N O V	D E C	J A N	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

E	xhil	oit P-2	21, Bud	get P	ACCEP																Date	e: Apr	ril 201	3							
2	033	A: Pro Com	cureme	nt of '	W&TC	CV, Ar	rmy / Ē	3A 02	2: Wea	apons	and	1							er Mod	dule (	GLM)			G01		n <b>encl</b> a XM32 GLM)		_	e Laui	ncher	
																Fiscal Y	ear 2016	3													
	R	FY	SERVICE <sup>‡</sup>	PROC QTY	PRIOR TO 1 OCT	BAL DUE AS OF	O C T	0	Calendar Year 2015   N D J F M A M J J A S O O D E A E A P A U U U E C									0	D E C	Α	F E B	M A R	Caler A P R	M A Y	J U N	J U L	A U G	S E P	B A L		
F	. M320	Grenade	Launcher							l	I											I	l								
	1	2012	ARMY	2,954	2,954	-																									-
	1	2013	ARMY (VII)	2,280	2,280	-																									-
	2	2014	ARMY	5,061	1,200	3,861	600	675	750	875	961																				-
				F E B	M A R	A P R	M A Y	J U N	L U	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	L U	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
2033A: Procurement of W&TCV, Army / BA 02: Weapons and	P-1 Line Item Nomenclature: G01501 - XM320 Grenade Launcher Module (GLM)	Item Nomenclature: G01501 - XM320 Grenade Launcher
Other Combat Vehicles / BSA 10: Weapons & Other Combat Vehicles		Module (GLM)

		Product	ion Rates (Each / I	Month)				Procurement Lo	eadtime (Months)			
						Initia	ıl			Reoi	der	
МЕ		ALT Prior			Total After	ALT Prior			Total After			
#	MFR Name - Location	MSR	1-8-5	MAX	to Oct 1	ALT After Oct 1	Mfg PLT	Oct 1	to Oct 1	ALT After Oct 1	Mfg PLT	Oct 1
1	Heckler & Koch Defense, Inc - Ashburn, VA	3,600.00	9,000.00	18,000.00	3	8	6	5 14	3	8	6	14
2	TBD - TBD	3,600.00	9,000.00	18,000.00	6	6 4	6	3 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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				• • • • • • • • • • • • • • • • • • • •	10 0 11					
Exhibit P-40, Budget Item Justifica	tion Shee	t: PB 201	4 Army					Date: April	l 2013	
<b>Appropriation / Budget Activity / B</b> o 2033A: Procurement of W&TCV, Arm Vehicles / BSA 10: Weapons & Other	ny / BA 02	: Weapon		Combat		<b>Line Item Nomen</b> 904 - M4 Carbine	clature:			
ID Code (A=Service Ready, B=Not Service Ready) : A			Program Elei	ments for Co	de B Items:		Other Related	l Program Elem	ents:	
MDAP/MAIS Code(s):										
	Prior	•		FY 2014	FY 2014	FY 2014			То	

Resource Summary	Years	FY 2012	FY 2013 <sup>#</sup>	Base	OCO##	Total	FY 2015	FY 2016	FY 2017	FY 2018	Complete	Total
Procurement Quantity (Units in Each)	498,778	2,264	-	-	-	-	-	-	-	-	-	501,042
Gross/Weapon System Cost (\$ in Millions)	590.371	4.700	-	-	-	-	-	-	-	-	-	595.071
Less PY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (\$ in Millions)	590.371	4.700	-	-	-	-	-	-	-	-	-	595.071
Plus CY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (\$ in Millions)	590.371	4.700	-	-	-	-	-	-	-	-	-	595.071
	(The following	Resource Sum	mary rows are fo	or informational p	ourposes only. Th	ne corresponding	g budget request	ts are documente	ed elsewhere.)			
Initial Spares (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Flyaway Unit Cost (Units in Thousands)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost (Units in Thousands)	-	-	-	-	-	-	-	-	-	-	-	-

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

### **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.

Seco	ndary Dis	stribution		FY 2012		FY 2013	3	FY 201 Base		FY 201 OCO		FY 20 <sup>-</sup> Tota		FY 20	015	FY 20	)16	FY 2	017	FY 2	2018
ANG	Quantity	,			128		-		-		-		-		-		-		-		-
	Total Ob	oligation Authority		C	).265		-		-		-		-		-		-		-		-
AR	Quantity	,		2	2,136		-		-		-		-		-		-		-		-
	Total Ob	oligation Authority		4	.435		-		-		-		-		-		-		-		-
	Item Sche	edule		Р	rior Yea	's		FY 2012			FY 2013	3	FY	2014 Ba	ase	FY	2014 O	СО	FY	2014 To	tal
Item Nom	enclature*	Exhibits	CD	Unit Cost	<b>Qty</b> (Each)	Total Cost	Unit Cost	Qty (Each)	Total Cost	Unit Cost	Qty (Each)	Total Cost	Unit Cost	Qty (Each)	Total Cost	Unit Cost	Qty (Each)	Total Cost	Unit Cost	<b>Qty</b> (Each)	Total Cost
G14904 - M4 (	Carbine	P5, P5A, P21	Α	-	-	590.371	-	2,264	4.700	-	-	-	-	-	-	-	-	-	-	-	-

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

					UNC	CLASS	SIFIED	)									
Exhibit P-40, Budget Item J	ustification	Sheet: PB 201	4 Army									Date	e: April	2013			
2033A: Procurement of W&T	CV, Army / B	A 02: Weapons		ner Com	nbat	I	_			ature:			-				
ID Code (A=Service Ready, B=Not Service R	eady) : A		Program E	Elements	for Cod	e B Item	s:			Oth	er Relate	d Prograi	m Eleme	nts:			
MDAP/MAIS Code(s):																	
Item Schedule	ı	Prior Years	F	FY 2012			FY 2013		FY	2014 Ba	ase	F۱	7 2014 O	СО	F	Y 2014	Total .
	ID Unit Cost	Oty Total Cost	Unit Cost	Otv	Total Cost	Unit Cost	Otv	Total Cost	Unit Cost	Otv	Total Cost	Unit Cost	Otv	Total Cost	Unit Cost	Otv	Total Cost
Item Nomenclature* Exhibits	CD (\$ K)	(Each) (\$ M)	(\$ K)	(Each)	(\$ M )	(\$ K)	(Each)	(\$ M )	(\$ K )	(Each)	(\$ M )	(\$ K)	(Each)	(\$ M )	(\$ K)		
Item Schedule Prior Years FY 2012 FY 2013 FY 2014 Base FY 2014 OCO FY 2014 Total    ID		-															
	ber, DODIC, and	tem Name for the P40	OA and P5; N	lame for th	ne P18 and	P23; Mod	ification N	umber and	Modificatio	n Title for t	the P3A; Ite	m Number	and Item	Name for th	ne P10.		
Note: Totals in this Exhibit P-40 set may n	ot be exact or add	I due to rounding.															

 LI G14904 - M4 Carbine
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 P-1 Line #20

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

Resource Summary	Prior Years	FY 2012	FY 2013 <sup>#</sup>	FY 2014 Base	FY 2014 OCO##	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)	-	-	-	-	-	-
Total Obligation Authority (\$ in Millions)	590.371	4.700	-	-	-	-
(The following Resource Surr	mary rows are for information	nal purposes only. The corr	responding budget request	s are documented elsewhe	re.)	
Initial Spares (\$ in Millions)	-	-	-	-	-	-

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

		Al	Prior Yea	rs		FY 2012			FY 2013		F`	Y 2014 Bas	se	F`	Y 2014 OC	0	F	Y 2014 Tot	al
Cost Elements († indicates the presence of a P-5A)	ID CD	Unit Cost	Quantity (Each)	Total Cost (\$ M)	Unit Cost	Quantity (Each)	Total Cost (\$ M)	Unit Cost	Quantity (Each)	Total Cost (\$ M)	Unit Cost	Quantity (Each)	Total Cost (\$ M )	Unit Cost	Quantity (Each)	Total Cost (\$ M )	Unit Cost	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	-	-	-	-	-	-	-	-	-	-	-	-
Engineering, Test and Evaluation Spt		-	-	19.910	-	-	0.484	-	-	-	-	-	-	-	-	-	-	-	-
Integrated Logistics     Support		-	-	2.546	-	-	0.200	-	-	-	-	-	-	-	-	-	-	-	-
Total Package     Fielding (TPF)		-	-	3.135	-	-	0.300	-	-	-	-	-	-	-	-	-	-	-	-
Total Recurring Cost				590.371			4.700			-			-			-			-
Total Flyaway Cost				590.371			4.700			-			-			-			-
Gross Weapon System Cost				590.371			4.700			-			=			-			-

### P-5 Remarks:

Sec	condary 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	-	-	-	-

LI G14904 - M4 Carbine Army UNCLASSIFIED
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P-1 Line #20

FY 2013 Program is from the FY 2013 President's Budget, submitted February 2012

	ONCEASSII IED	
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: G14904 - M4 Carbine	Item Nomenclature (Item Number - Iter Name, DODIC): G14904 - M4 Carbine

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P-1 Line #20

Exhibit P-5A, Budget Procurement History and Planning: PB 2014 Army

Date: April 2013

Appropriation / Budget Activity / Budget Sub Activity:

P-1 Line Item Nomenclature: G14904 - M4 Carbine

Item Nomenclature:

G14904 - M4 Carbine

2033A: Procurement of W&TCV, Army / BA 02: Weapons and Other Combat Vehicles / BSA 10: Weapons & Other Combat Vehicles

Cost Elements († indicates the presence of a P-21)	0 0	FY	Contractor and Location	Method/Type, or Funding Vehicle	Location of PCO	Award Date	Date of First Delivery	<b>Qty</b> (Each)	Unit Cost	Specs Avail Now?	Date Revsn Avail	RFP Issue Date
†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		

Remarks:

Army

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

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

G14904 - M4 Carbine

			Cost Elen (Units in E									Fiscal \	ear 2012	!										Fiscal Y	ear 2013						
					ACCEP				_		-				alendar	Year 201	2						-		Caler	ıdar Year	2013				
0 0	M F R #	FY	SERVICE <sup>‡</sup>	PROC QTY	PRIOR TO 1 OCT 2011	BAL DUE AS OF 1 OCT	0 C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	N N	n n	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	N N	n n	A U G	S E P	B A L
1.	M4 Ca	arbine S	eries																												
	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	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

LI G14904 - M4 Carbine
Army

UNCLASSIFIED
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P-1 Line #20

Exhibit P-21, Budget Production Schedule: PB 2014 Army

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

G14904 - M4 Carbine

			Cost Elen (Units in E									Fiscal Y	ear 2014											Fiscal Y	ear 2015						
					ACCEP									C	alendar	Year 201	4						-		Caler	ıdar Year	2015				
0 0	M F R	FY	SERVICE <sup>‡</sup>	PROC QTY	PRIOR TO 1 OCT 2013	BAL DUE AS OF 1 OCT	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	N U	T U	A U G	S E P	0 C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	N U	J U	A U G	S E P	B A L
1.	M4 Ca	arbine S	eries																												
	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	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	A U G	S E P	B A L

	Date: April 2013
P-1 Line Item Nomenclature:	Item Nomenclature:
G14904 - M4 Carbine	G14904 - M4 Carbine
	P-1 Line Item Nomenclature:

		Product	ion Rates (Each /	Month)				Procurement Lea	ndtime (Months)			
						Init	al			Reo	rder	
MFI	MFR Name - Location	MSR	1-8-5	MAX	ALT Prior to Oct 1	ALT After Oct 1	Mfa PLT	Total After Oct 1	ALT Prior to Oct 1	ALT After Oct 1	Mfa PLT	Total After Oct 1
1	Remington Arms Co Ilion,	12,000.00		144.000.00	10 001 1	ALI Alter Oct 1	12		3	ALI Alter Oct 1	22	31
Ι΄.	NY	12,000.00	00,000.00	144,000.00		´	12		· ·		22	01

#### Remarks:

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

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).

<sup>&</sup>quot;A" in the Delivery Schedule indicated the Contract Award Date.

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

Appropriation / Budget Activity / Budget Sub Activity:

P-1 Line Item Nomenclature:

2033A: Procurement of W&TCV, Army / BA 02: Weapons and Other Combat

**Prior** 

G13501 - Carbine

**FY 2014** 

Vehicles / BSA 10: Weapons & Other Combat Vehicles

Program Elements for Code B Items: 0604601A

FY 2014

**Other Related Program Elements:** 

To

MDAP/MAIS Code(s):

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

Resource Summary	Years	FY 2012	FY 2013 <sup>#</sup>	Base	OCO##	Total	FY 2015	FY 2016	FY 2017	FY 2018	Complete	Total
Procurement Quantity (Units in Each)	-	-	12,000	41,897	-	41,897	42,736	42,796	42,781	42,194	Continuing	Continuing
Gross/Weapon System Cost (\$ in Millions)	-	-	21.272	70.846	-	70.846	70.920	70.976	70.863	70.000	Continuing	Continuing
Less PY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (\$ in Millions)	-	-	21.272	70.846	-	70.846	70.920	70.976	70.863	70.000	Continuing	Continuing
Plus CY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (\$ in Millions)	-	-	21.272	70.846	-	70.846	70.920	70.976	70.863	70.000	Continuing	Continuing
	(The following	g Resource Sum	mary rows are for	informational p	urposes only. Th	e corresponding	budget requests	s are documente	d elsewhere.)			
Initial Spares (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Flyaway Unit Cost (Units in Thousands)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost	-	-	-	1.691	-	1.691	-	-	-	-	Continuing	Continuing

**FY 2014** 

#### **Description:**

(Units in Thousands)

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.

Secon	dary 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	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
									l	

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<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

Item Schedule	Exhibit P-40, Bud								• • • • • • • • • • • • • • • • • • • •	LASS											
2033A: Procurement of W&TCV, Army / BA 02: Weapons and Other Combat Vehicles / BSA 10: Weapons & Other Combat Vehicles  ID Code (A-Service Ready.): B		dget Item J	ustifi	cation	Sheet:	PB 2014	4 Army									Date	: April	2013			
Name   Continuing   Continuin	2033A: Procuremo	ent of W&T0	CV, A	rmy / B	A 02: W	/eapons		her Co	mbat	I				ature:							
							Program	Element	s for Cod	e B Items	s: 060460	1A		Oth	er Relate	d Prograi	m Eleme	nts:			
Item Nomenclature*   Exhibits   CD   Unit Cost   CD   Unit Cost   CD   (SK)   (Each)   (SK)   (SK)   (Each)   (SK)   (SK)   (SK)   (SK)   (SK)   (SK)   (SK)   (Each)   (SK)   (S	MDAP/MAIS Code(s)	:																			
Note:   Total Gross/Weapon   System Cost   Skip	Item Sche	dule		F	Prior Year	's		FY 2012			FY 2013		FY	′ 2014 Ba	ase	FY	2014 O	СО	FY	2014 To	tal
G13503 -INDIVIDUAL P5, P5A, P21 B S S S S S S S S S S S S S S S S S S				Unit Cost	Qty	Total Cost	Unit Cost	Qty	Total Cost	Unit Cost	Qty	Total Cost	Unit Cost	Qty	Total Cost	Unit Cost	Qty	Total Cost	Unit Cost	Qty	Total Cos
CARBINE G13503 - MAA1 CARBINE P5, P5A, P21 A		+	_	(\$ K )	(Each)	(\$ M)	(\$ K )	(Each)		(\$ K )	(Each)			<u> </u>		(\$ K)	(Each)	-			(\$ M )
Total Gross/Weapon System Cost    Item Schedule   FY 2015   FY 2016   FY 2016   FY 2017   FY 2018   To Complete   Total Cost	MDAP/MAIS Code(s):   Item Schedule			49.592																	
Item Nomenclature*    Exhibits   D C   Unit Cost   (S M)   (Each)   Total Cost   (S M)   (Each)	G13503 - M4A1 CARBINE	P5, P5A, P21	Α	-	-	-	-	-	-	-	12,000	21.272	1.771	12,000	21.254	-	-	-	1.771	12,000	21.254
Item Schedule  FY 2015  FY 2016  FY 2017  FY 2018  To Complete  Total  Item Nomenclature*  Exhibits  CD  Unit Cost (SK) (Each) (SK) (SK) (SK) (Each) (SK) (SK) (SK) (SK) (SK) (SK) (SK) (SK						-			-			21.272			70.846			-			70.846
ttem Nomenclature* Exhibits CD (SK) (Each) (SM) (SM) (SM) (SK) (Each) (SM) (SM) (SM) (SM) (SM) (SM) (SM) (SM	-	edule			FY 2015			FY 2016			FY 2017			FY 2018		To	Comple	ete		Total	
ttem Nomenclature*			ID	Unit Cost	Otv	Total Cost	Unit Cost	Otv	Total Cost	Unit Cost	Otv	Total Cost	Unit Cost	Otv	Total Cost	Unit Cost	Otv	Total Cost	Unit Cost	Otv	Total Cos
CARBINE G13503 - M4A1 CARBINE P5, P5A, P21 A	Item Nomenclature*	Exhibits	CD																		(\$ M )
Total Gross/Weapon System Cost  Total Gross/Weapon System		P5, P5A, P21	В	-	-	-	-	-	-	-	-	-	-	-	-		Continuing	ı		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. \$49.59 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		P5, P5A, P21	Α	-	-	-	-	-	-	-	-	-	-	-	-		Continuing	1		Continuing	
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. \$49.59 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						70.920			70.976			70.863			70.000		Continuing	9		Continuing	
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. \$49.59 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	*Item Nomenclature repre	esents Item Numl	ber, DC	DIC, and I	tem Name	for the P40	A and P5;	Name for t	the P18 and	P23; Mod	ification Nu	ımber and	Modificatio	n Title for t	the P3A; Ite	m Number	and Item	Name for th	e P10.		
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. \$49.59 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											incation rec	annoci ana									
		it P-40 set may n	ot be ex	kact or add	due to rou					· · · · · · · · · · · · · · · · · · ·	incation re										

 LI G13501 - Carbine
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Exhibit P-5, Cost Analysis: PB 2014 Army Appropriation / Budget Activity / Budget Sub Activity:

P-1 Line Item Nomenclature: G13501 - Carbine

Item Nomenclature (Item Number - Item

2033A: Procurement of W&TCV, Army / BA 02: Weapons and Other Combat Vehicles / BSA 10: Weapons & Other Combat

Name, DODIC):

Date: April 2013

Vehicles

G13502 - INDIVIDUAL CARBINE

	Prior			FY 2014	FY 2014	FY 2014					То	
Resource Summary	Years	FY 2012	FY 2013 <sup>#</sup>	Base	OCO##	Total	FY 2015	FY 2016	FY 2017	FY 2018	Complete	Total
Procurement Quantity (Units in Each)	-	-	-	29,897	-	29,897	-	-	-	-	Continuing	Continuing
Gross/Weapon System Cost (\$ in Millions)	-	-	-	49.592	-	49.592	-	-	-	-	Continuing	Continuing
Less PY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (\$ in Millions)	-	-	-	49.592	-	49.592	-	-	-	-	Continuing	Continuing
Plus CY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (\$ in Millions)	-	-	-	49.592	-	49.592	-	-	-	-	Continuing	Continuing
	(The following	g Resource Sum	mary rows are fo	or informational p	urposes only. Th	ne corresponding	g budget request	s are documente	ed elsewhere.)	í	•	
Initial Spares (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost (Units in Thousands)	-	-	-	1.659	-	1.659	-	-	-	-	Continuing	Continuing

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

LI G13501 - Carbine

		Al	I Prior Yea	irs		FY 2012			FY 2013		F`	/ 2014 Bas	se .	F	/ 2014 OC	0	F	/ 2014 Tot	al
Cost Elements († indicates the presence of a P-5A)	ID CD	Unit Cost	Quantity (Each)	Total Cost (\$ M)	Unit Cost	Quantity (Each)	Total Cost (\$ M)	Unit Cost	Quantity (Each)	Total Cost (\$ M)	Unit Cost	Quantity (Each)	Total Cost (\$ M )	Unit Cost	Quantity (Each)	Total Cost (\$ M)	Unit Cost	Quantity (Each)	Total Cost (\$ M)
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
Total Recurring Cost				-			-			-			49.592			-			49.592
Total Flyaway Cost				-			-			-			49.592			-			49.592
Gross Weapon System Cost				-			-			-			49.592			-			49.592

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

Exhibit P-5, Cost Analysis: PB 2014 Army

P-1 Line Item Nomenclature:

G13501 - Carbine

Item Nomenclature (Item Number - Item

Name, DODIC):

Date: April 2013

G13502 - INDIVIDUAL CARBINE

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

			FY 2015			FY 2016			FY 2017			FY 2018		Т	o Complet	:e	,	Total Cost	į
Cost Elements († indicates the presence of a P-5A)	ID CD	Unit Cost	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				-			-			-			-		Continuing			Continuing	

#### P-5 Remarks:

Secon	dary 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	-	-	-	-

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Exhibit P-5A, Budget Procurement History and Planning: PB 2014 Army

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

G13502 - INDIVIDUAL CARBINE

Cost Elements	0 0	FY	Contractor and Location	Method/Type, or Funding Vehicle	Location of PCO	Award Date	Date of First Delivery	Qty	Unit Cost	Specs Avail Now?	Date Revsn Avail	RFP Issue Date
(† indicates the presence of a P-21)	U	ГІ	Contractor and Location	runding venicle	OI PCO	Awaru Date	Delivery	(Each)	(\$ K )	NOW!	Avaii	Date
†Individual Carbine (IC)		2014	TBD / TBD	C / FFP	ACC- Picatinny, NJ	Mar 2014	May 2014	29,897	1.625	5 N		

 LI G13501 - Carbine
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Exhibit P-21, Budget Production Schedule: PB 2014 Army

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

G13502 - INDIVIDUAL CARBINE

				Cost Elen (Units in E									Fiscal \	ear 2014											Fiscal Y	ear 2015						
						ACCEP	1					-			С	alendar	Year 201	4								Calen	dar Yea	2015				
0 0	M F R		FY	SERVICE <sup>‡</sup>	PROC QTY	PRIOR TO 1 OCT 2013	BAL DUE AS OF 1 OCT	0 C T	N O V	D E C	J A N	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	A U G	S E P	B A L
Inc	dividu	ıal C	Carbin	e (IC)																												
	1	2	2014	ARMY	29,897	-	29,897	-	-	-	-	-	Α -	-	480	480	480	480	480	3,928	3,928	3,928	3,928	3,928	3,928	3,929						-
								0 C T	N O V	D E C	J A N	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

 LI G13501 - Carbine
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 Army
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 P-1 Line #21

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

		Product	ion Rates (Each /	Month)				Proc	urement Lead	dtime (Months)			
						Initia	al				Reor	der	
MFF	t				ALT Prior			To	tal After	ALT Prior			Total After
#	MFR Name - Location	MSR	1-8-5	MAX	to Oct 1	ALT After Oct 1	Mfg PLT		Oct 1	to Oct 1	ALT After Oct 1	Mfg PLT	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).

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 Army
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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

P-1 Line Item Nomenclature: G13501 - Carbine

Item Nomenclature (Item Number - Item

Other Combat Vehicles / BSA 10: Weapons & Other Combat

Name, DODIC):

Vehicles

G13503 - M4A1 CARBINE

	Prior			FY 2014	FY 2014	FY 2014					То	
Resource Summary	Years	FY 2012	FY 2013 <sup>#</sup>	Base	OCO##	Total	FY 2015	FY 2016	FY 2017	FY 2018	Complete	Total
Procurement Quantity (Units in Each)	-	-	12,000	12,000	-	12,000	-	-	-	-	Continuing	Continuing
Gross/Weapon System Cost (\$ in Millions)	-	-	21.272	21.254	-	21.254	-	-	-	-	Continuing	Continuing
Less PY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (\$ in Millions)	-	-	21.272	21.254	-	21.254	-	-	-	-	Continuing	Continuing
Plus CY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (\$ in Millions)	-	-	21.272	21.254	-	21.254	-	-	-	-	Continuing	Continuing
	(The following	g Resource Sum	mary rows are fo	or informational p	urposes only. Th	ne corresponding	g budget request	s are documente	ed elsewhere.)		•	
Initial Spares (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost (Units in Thousands)	-	-	-	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

		Al	I Prior Yea	ırs		FY 2012			FY 2013		F'	/ 2014 Bas	se	F'	Y 2014 OC	0	F	Y 2014 Tot	al
Cost Elements († indicates the presence of a P-5A)	ID CD	Unit Cost	Quantity (Each)	Total Cost (\$ M)	Unit Cost	Quantity (Each)	Total Cost (\$ M)	Unit Cost	Quantity (Each)	Total Cost (\$ M)	Unit Cost	Quantity (Each)	Total Cost (\$ M )	Unit Cost	Quantity (Each)	Total Cost (\$ M)	Unit Cost	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
Engineering, Test,     Evaluation Spt		-	-	-	-	-	-	-	-	1.548	-	-	1.530	-	-	-	-	-	1.530
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)		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Total Recurring Cost				-			-			21.272			21.254			-			21.254
Total Flyaway Cost				-			-			21.272			21.254			-			21.254
Gross Weapon System Cost				-			-			21.272			21.254			-			21.254

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P-1 Line #21

Exhibit P-5, Cost Analysis: PB 2014 Army

P-1 Line Item Nomenclature:

Item Nomenclature (Item Number - Item Name, DODIC):

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

G13501 - Carbine

G13503 - M4A1 CARBINE

Date: April 2013

			FY 2015			FY 2016			FY 2017			FY 2018		T	o Comple	te		Total Cost	i
Cost Elements († indicates the presence of a P-5A)	ID CD	Unit Cost	Quantity (Each)	Total Cost (\$ M)															
Flyaway Cost																			
Recurring Cost																			
† 1. M4A1 Carbine		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2. Combat Optics		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Engineering, Test,     Evaluation Spt		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
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:

Secon	ndary 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	_	_	_	_

LI G13501 - Carbine

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Exhibit P-5A, Budget Procurement History and Planning: PB 2014 Army

Appropriation / Budget Activity / Budget Sub Activity:
2033A: Procurement of W&TCV, Army / BA 02: Weapons and Other Combat Vehicles / BSA 10: Weapons & Other Combat

P-1 Line Item Nomenclature:
G13501 - Carbine

G13503 - M4A1 CARBINE

Vehicles

Cost Elements († indicates the presence of a P-21)	0 0	FY	Contractor and Location	Method/Type, or Funding Vehicle	Location of PCO	Award Date	Date of First Delivery	Qty (Each)	Unit Cost	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		

Exhibit P-21, Budget Production Schedule: PB 2014 Army

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

G13503 - M4A1 CARBINE

			Cost Elen (Units in E									Fiscal Y	ear 2013											Fiscal Y	ear 2014						
					ACCEP									C	alendar	Year 201	3								Calen	dar Year	2014				
0	M F R #	FY	SERVICE <sup>‡</sup>	PROC QTY	PRIOR TO 1 OCT 2012	BAL DUE AS OF 1 OCT	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	N 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	N U	J J	A U G	S E P	B A L
1. M	I4A1	Carbine																													
1	1	2013	ARMY	12,000	-	12,000	-	-	-	-	Α -	-	-	-	-	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	-	i		-
1	1	2013	• MC	400	-	400	-	-	-	-	-	-	-	-	-	-	-	-	-	50	50	50	50	100	100	-	-	-	ł		-
1	1	2013	NAVY	1,000	-	1,000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	100	100	100	100	200	200	200	ł		-
1	1	2013	◆ AF	150	-	150	-	-	-	-	-	-	-	-	-	-	-	50	50	50	-	-	-	-	-	-	-	-	ł	Ī	-
1	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	i		-
1	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	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

Exhibit P-21, Budget Production Schedule: PB 2014 Army Date: April 2013 Appropriation / Budget Activity / Budget Sub Activity: P-1 Line Item Nomenclature: Item Nomenclature: 2033A: Procurement of W&TCV, Army / BA 02: Weapons and G13501 - Carbine G13503 - M4A1 CARBINE Other Combat Vehicles / BSA 10: Weapons & Other Combat Vehicles Cost Elements (Units in Each) Fiscal Year 2015 Fiscal Year 2016 ACCEP Calendar Year 2015 Calendar Year 2016 М PRIOR BAL 0 C 0 DUE F TO 1 В PROC OCT AS OF C o V E Е A R Р A Y Ü Ü U E С 0 V Е Е A R Р Ü Ü U E A N A N A Y A L FY SERVICE<sup>‡</sup> # QTY 2014 1 OCT G 1. M4A1 Carbine 2013 ARMY 12,000 12,000 -1 2013 • MC 400 400 1,000 1,000 -• NAVY 2013 -2013 ◆ AF 150 150 1 TOTAL 13,550 13,550 2013 2014 ARMY 12,000 3,000 9,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 В A U A P A U S 0 V Ε Е A R U U Е C T 0 V Е A N Е A R A Y U Ū A L Α Α R G

LI G13501 - Carbine Army UNCLASSIFIED Page 12 of 13 P-1 Line #21

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

		Product	tion Rates (Each /	Month)				Procurement Lea	adtime (Months)							
					Initial Reorder											
MFF	₹				ALT Prior			Total After	ALT Prior			Total After				
#	MFR Name - Location	MSR	1-8-5	MAX	to Oct 1	ALT After Oct 1	Mfg PLT	Oct 1	to Oct 1	ALT After Oct 1	Mfg PLT	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.

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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<sup>‡</sup> 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.

<sup>&</sup>quot;A" in the Delivery Schedule indicated the Contract Award Date.

Exhibit P-40, Budget Item Justification Sheet: PB 2014 Army

Date: April 2013

Appropriation / Budget Activity / Budget Sub Activity:

P-1 Line Item Nomenclature:

2033A: Procurement of W&TCV, Army / BA 02: Weapons and Other Combat

G18300 - Shotgun, Modular Accessory System (MASS)

Vehicles / BSA 10: Weapons & Other Combat Vehicles

Program Elements for Code B Items:

Other Related Program Elements:

MDAP/MAIS Code(s):

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

	Prior			FY 2014	FY 2014	FY 2014					То	
Resource Summary	Years	FY 2012	FY 2013 <sup>#</sup>	Base	OCO##	Total	FY 2015	FY 2016	FY 2017	FY 2018	Complete	Total
Procurement Quantity (Units in Each)	8,960	1,891	2,107	-	-	-	-	-	-	-	-	12,958
Gross/Weapon System Cost (\$ in Millions)	28.725	6.707	6.598	-	-	-	-	-	-	-	-	42.030
Less PY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (\$ in Millions)	28.725	6.707	6.598	-	-	-	-	-	-	-	-	42.030
Plus CY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (\$ in Millions)	28.725	6.707	6.598	-	-	-	-	-	-	-	-	42.030
	(The following	g Resource Sum	mary rows are fo	or informational p	ourposes only. Ti	ne corresponding	g budget request	s are documente	ed elsewhere.)		-	
Initial Spares (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Flyaway Unit Cost (Units in Thousands)	_	_	_	_	_	_	_	_	_	_	-	_

	, ,	•	•		,	, ,	, ,		,			
Initial Spares (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Flyaway Unit Cost (Units in Thousands)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost (Units in Thousands)	-	-	-	-	-	-	-	-	-	-	-	-
44												

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

### **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.

Secon	idary 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	-	-	-	-	-	-	-

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

Exhibit P-40, Budget Item Justification Sheet: PB 2014 Army	Date: April 2013
Exhibit 1 40, Budget item dustineation cheet. 1 B 2014 Aimy	<b>Date:</b> 7,pm 2010
Appropriation / Budget Activity / Budget Sub Activity:	P-1 Line Item Nomenclature:
2033A: Procurement of W&TCV, Army / BA 02: Weapons and Other Combat	G18300 - Shotgun, Modular Accessory System (MASS)

Vehicles / BSA 10: Weapons & Other Combat Vehicles

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 Sche	dule		Р	rior Year	'S		FY 2012			FY 2013		FY	2014 Ba	se	FY	2014 O	co	FY	2014 To	otal
Item Nomenclature*	Exhibits	ID CD	Unit Cost	Qty (Each)	Total Cost	Unit Cost	Qty (Each)	Total Cost (\$ M)	Unit Cost	Qty (Each)	Total Cost (\$ M)	Unit Cost	Qty (Each)	Total Cost	Unit Cost	Qty (Each)	Total Cost	Unit Cost	<b>Qty</b> (Each)	Total Cost (\$ M)
G18300 - Shotgun, Modular Accessory System (MASS)	P5, P5A, P21	Α	-	-	28.725	-	1,891	6.707	-	2,107	6.598	-	-	-	-	-	-	-	-	-
Total Gross/Weapon System Cost					28.725			6.707			6.598			-			-			-

<sup>\*</sup>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.

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Exhibit P-5, Cost Analysis: PB 2014 Army

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)

Date: April 2013

Item Nomenclature (Item Number - Item Name, DODIC):
G18300 - Shotgun, Modular Accessory
System (MASS)

Resource Summary	Prior Years	FY 2012	FY 2013 <sup>#</sup>	<b>FY 2014 Base</b>	FY 2014 OCO##	FY 2014 Total
Procurement Quantity (Units in Each)	-	1,891	2,107	-	-	-
Gross/Weapon System Cost (\$ in Millions)	28.725	6.707	6.598	-	-	-
Less PY Advance Procurement (\$ in Millions)	-	-	-	-	-	-
Net Procurement (P1) (\$ in Millions)	28.725	6.707	6.598	=	-	-
Plus CY Advance Procurement (\$ in Millions)	-	-	-	-	-	-
Total Obligation Authority (\$ in Millions)	28.725	6.707	6.598	-	-	-
(The following Resource Sun	nmary rows are for information	onal purposes only. The corr	responding budget request	s are documented elsewhe	re.)	
137.10						

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

		Al	l Prior Yea	rs		FY 2012			FY 2013		F`	Y 2014 Bas	se	F`	Y 2014 OC	0	F	Y 2014 Tot	al
Cost Elements († indicates the presence of a P-5A)	ID CD	Unit Cost	Quantity (Each)	Total Cost (\$ M )	Unit Cost	Quantity (Each)	Total Cost (\$ M)	Unit Cost	Quantity (Each)	Total Cost (\$ M )	Unit Cost	Quantity (Each)	Total Cost (\$ M )	Unit Cost	Quantity (Each)	Total Cost (\$ M )	Unit Cost	Quantity (Each)	Total Cost (\$ M )
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	-	-	-	-	-	-	-	-	-
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	-	-	-	-	-	-	-	-	-
Total Recurring Cost				20.595			6.707			6.598			-			-			-
Total Flyaway Cost				20.595			6.707			6.598			-			-			-
Gross Weapon System Cost				28.725			6.707			6.598			-			-			-

#### P-5 Remarks:

Sec	condary Distribution	FY 2012	FY 2013	FY 2014 Base	FY 2014 OCO	FY 2014 Total
Army	Quantity	1,244	1,390	-	-	-
	Total Obligation Authority	4.411	4.381	-	-	-
ANG	Quantity	647	717	-	-	-

LI G18300 - Shotgun, Modular Accessory System (MASS) Army

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P-1 Line #22

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

Exhibit P-5, Cost Analysis: PB 2014 Army					Date: April 2013	
Appropriation / Budget Activity / Budget Sub 2033A: Procurement of W&TCV, Army / BA 02: Volter Combat Vehicles / BSA 10: Weapons & O Vehicles	Weapons and		e Item Nomenclature: - Shotgun, Modular Acce	essory System (MASS)	Name, DODIC):	<b>ire</b> ( <i>Item Number - Item</i> n, Modular Accessory
Secondary Distribution	EV 2012	,	EV 2013	FY 2014	FY 2014	FY 2014

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

Exhibit P-5A, Budget Procurement History and Planning: P	B 2014 Army	Date: April 2013
Appropriation / Budget Activity / Budget Sub Activity:	P-1 Line Item Nomenclature:	Item Nomenclature:
2033A: Procurement of W&TCV, Army / BA 02: Weapons and	G18300 - Shotgun, Modular Accessory System (MASS)	G18300 - Shotgun, Modular Accessory
Other Combat Vehicles / BSA 10: Weapons & Other Combat		System (MASS)
Vehicles		

Cost Elements († indicates the presence of a P-21)	0 C 0	FY	Contractor and Location	Method/Type, or Funding Vehicle	Location of PCO	Award Date	Date of First Delivery	<b>Qty</b> (Each)	Unit Cost	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.

E	xhi	ibit P	-21, Bud	lget P	roduc	tion	Schedu	le: PB 2	2014 <i>F</i>	Army											Date: A	pril 20	13					
2	2033 Othe	3A: Pr	ation / B rocureme mbat Veh	ent of \	W&TC	CV, Aı	rmy / BA	02: We	eapon	s and G	<b>-1 Line</b> 18300					cesso	ory S	ystem	ı (MAS	SS)	Item No G18300 System	- Sho	tgur	• .	dula	r Acce	esso	ory
			Cost Eler (Units in							Fisc	al Year 201	2									iscal Year 20	13						
	м				ACCEP PRIOR	BAL						(	Calenda	r Year 201	2						Ca	lendar Yea	ar 201	3				

			Cost Elem (Units in E									Fiscal Y	ear 2012											Fiscal Y	ear 2013						
0	M F R	FY	SERVICE <sup>‡</sup>	PROC QTY	ACCEP PRIOR TO 1 OCT 2011		O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	Year 201 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	Calen A P R	M A Y	2013 J U N	J U L	A U G	S E P	B A L
1. Sh	otgu	ns																													
1		2012	ARMY	1,891	-	1,891	-	-	-	-	-	Α -	-	-	-	-	-	-	-	-	-	-	-	-	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 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

Ex	hib	it P-	21, Bud	get P	rodu	ction	Sche	dule:	PB 2	014 A	ırmy													Date	e: Apı	ril 201	3				
20 Ot	33A	A: Pro Com	tion / Bocureme	nt of	W&T0	CV, Ar	my / l	BA 02	2: Wea	apons	and		<b>Line I</b> 3300 -						ory S	ystem	n (MA	SS)		G18	300 -		•		lar Ac	cessc	ory
			Cost Elen (Units in E									Fiscal Ye	ear 2014											Fiscal Y	ear 2015	j					
					ACCEP									С	alendar	Year 20	14								Cale	ndar Yea	r 2015				
0 C 0	M F R	FY	SERVICE <sup>‡</sup>	PROC QTY	PRIOR TO 1 OCT 2013	BAL DUE AS OF 1 OCT	O C T	N O V	D E C	J A N	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. 8	Shotgu	uns		,					,			,	,																,		
	1	2012	ARMY	1,891	1,799	92	92																								-
	1	2013	ARMY (VIII)	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	I U J	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	J U L	A U G	S E P	B A L

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)

		Product	ion Rates (Each /	Month)				Procurement Lead	dtime (Months)			
						Initia	ı			Reor	der	
MF	र				ALT Prior			Total After	ALT Prior			Total After
#	MFR Name - Location	MSR	1-8-5	MAX	to Oct 1	ALT After Oct 1	Mfg PLT	Oct 1	to Oct 1	ALT After Oct 1	Mfg PLT	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

P-1 Line #22

Exhibit P-40, Budget Item Justification Sheet: PB 2014 Army

Date: April 2013

Continuina

Continuina

Appropriation / Budget Activity / Budget Sub Activity:

P-1 Line Item Nomenclature:

2033A: Procurement of W&TCV, Army / BA 02: Weapons and Other Combat Vehicles / BSA 10: Weapons & Other Combat Vehicles

G04700 - Common Remotely Operated Weapons Station

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

**Program Elements for Code B Items:** 

233.802

Other Related Program Elements: 0604601A

MDAP/MAIS Code(s):

	Prior			FY 2014	FY 2014	FY 2014					То	
Resource Summary	Years	FY 2012	FY 2013 <sup>#</sup>	Base	OCO##	Total	FY 2015	FY 2016	FY 2017	FY 2018	Complete	Total
Procurement Quantity (Units in Each)	8,425	-	240	242	-	242	242	242	246	252	Continuing	Continuing
Gross/Weapon System Cost (\$ in Millions)	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 (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (\$ in Millions)	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 (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (\$ in Millions)	2,053.343	14.890	56.725	56.580	-	56.580	56.911	56.945	57.898	59.250	Continuing	Continuing
	(The following	Resource Sum	mary rows are fo	r informational p	urposes only. Th	ne corresponding	budget request	s are documente	ed elsewhere.)		•	
Initial Spares (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Flyaway Unit Cost (Units in Thousands)	-	-	-	-	-	-	-	-	-	-	-	-

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

#### **Description:**

(Units in Thousands)

Gross/Weapon System Unit Cost

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.

233.802

ry Distribution	FY 2012	FY 2013	FY 2014 Base	FY 2014 OCO	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018
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
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
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
C	Quantity Total Obligation Authority Quantity Total Obligation Authority Quantity Quantity	Quantity - cotal Obligation Authority 14.890 Quantity - cotal Obligation Authority - Quantity - Quantity -	Quantity     -     117       otal Obligation Authority     14.890     27.545       Quantity     -     97       otal Obligation Authority     -     23.000       Quantity     -     26	Quantity     -     117     118       otal Obligation Authority     14.890     27.545     27.400       Quantity     -     97     98       otal Obligation Authority     -     23.000     23.000       Quantity     -     26     26	Quantity     -     117     118     -       otal Obligation Authority     14.890     27.545     27.400     -       Quantity     -     97     98     -       otal Obligation Authority     -     23.000     23.000     -       Quantity     -     26     26     -	Quantity     -     117     118     -     118       otal Obligation Authority     14.890     27.545     27.400     -     27.400       Quantity     -     97     98     -     98       otal Obligation Authority     -     23.000     -     23.000       Quantity     -     26     26     -     26	Quantity     -     117     118     -     118     118       otal Obligation Authority     14.890     27.545     27.400     -     27.400     27.731       Quantity     -     97     98     -     98     98       otal Obligation Authority     -     23.000     23.000     -     23.000     23.000       Quantity     -     26     26     -     26     26	Quantity         -         117         118         -         118         118         118         118           otal Obligation Authority         14.890         27.545         27.400         -         27.400         27.731         27.765           Quantity         -         97         98         -         98         98           otal Obligation Authority         -         23.000         23.000         -         23.000         23.000           Quantity         -         26         26         -         26         26         26	Quantity         -         117         118         -         118         118         118         122           otal Obligation Authority         14.890         27.545         27.400         -         27.400         27.731         27.765         28.718           Quantity         -         97         98         -         98         98         98         98           otal Obligation Authority         -         23.000         23.000         -         23.000         23.000         23.000         23.000         23.000           Quantity         -         26         26         -         26         26         26         26

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

Exhibit P-40, Budget Item Justification Sheet: PB 2014 Army

Date: April 2013

# Appropriation / Budget Activity / Budget Sub Activity:

P-1 Line Item Nomenclature:

2033A: Procurement of W&TCV, Army / BA 02: Weapons and Other Combat Vehicles / BSA 10: Weapons & Other Combat Vehicles

G04700 - Common Remotely Operated Weapons Station

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

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

Item Sched	dule		Prior Years		FY 2012			FY 2013			FY 2014 Base			FY 2014 OCO			FY 2014 Total			
Item Nomenclature*	Exhibits	ID CD	Unit Cost	Qty (Each)	Total Cost	Unit Cost	Qty (Each)	Total Cost (\$ M)	Unit Cost	Qty (Each)	Total Cost (\$ M)	Unit Cost	Qty (Each)	Total Cost	Unit Cost	Qty (Each)	Total Cost	Unit Cost	Qty (Each)	Total Cost
G04700 - Common Remotely Operated Weapons Station	P5, P5A, P21	Α	-	-	2,053.343	-	-	14.890	-	240	56.725	233.802	242	56.580	-	-	-	233.802	242	56.580
Total Gross/Weapon System Cost					2,053.343			14.890			56.725			56.580			-			56.580
Item Sched	Item Schedule		FY 2015		FY 2016		FY 2017			FY 2018			To Complete			Total				
		I.D.		(	1															
Item Nomenclature*	Exhibits	CD	Unit Cost	Qty (Each)	Total Cost	Unit Cost	Qty (Each)	Total Cost	Unit Cost	Qty (Each)	Total Cost (\$ M)	Unit Cost	Qty (Each)	Total Cost	Unit Cost	Qty (Each)	Total Cost (\$ M)	Unit Cost	Qty (Each)	Total Cost
Item Nomenclature* G04700 - Common Remotely Operated Weapons Station			Unit Cost														(\$ M)	(\$ K)		(\$ M)

<sup>\*</sup>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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**Exhibit P-5, Cost Analysis:** PB 2014 Army **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

Date: April 2013

Item Nomenclature (Item Number - Item

Name, DODIC):

G04700 - Common Remotely Operated

Weapons Station

Resource Summary	Prior Years	FY 2012	FY 2013 <sup>#</sup>	FY 2014 Base	FY 2014 OCO##	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total
Procurement Quantity (Units in Each)	-	-	240	242	-	242	-	-	-	-	Continuing	Continuing
Gross/Weapon System Cost (\$ in Millions)	2,053.343	14.890	56.725	56.580	-	56.580	-	-	-	-	Continuing	Continuing
Less PY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (\$ in Millions)	2,053.343	14.890	56.725	56.580	-	56.580	-	-	-	-	Continuing	Continuing
Plus CY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (\$ in Millions)	2,053.343	14.890	56.725	56.580	-	56.580	-	-	-	-	Continuing	Continuing
	(The following	Resource Sum	mary rows are fo	or informational p	urposes only. Ti	he corresponding	g budget request	s are documente	ed elsewhere.)	·	3	ï
Initial Spares (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost (Units in Thousands)	-	-	-	233.802	-	233.802	-	-	-	-	Continuing	Continuing

<sup>&</sup>lt;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

		Al	Prior Yea	rs		FY 2012			FY 2013		F	Y 2014 Bas	se	F'	Y 2014 OC	0	F	Y 2014 Tota	al
Cost Elements († indicates the presence of a P-5A)	ID CD	Unit Cost	Quantity (Each)	Total Cost (\$ M)	Unit Cost	Quantity (Each)	Total Cost (\$ M)	Unit Cost	Quantity (Each)	Total Cost (\$ M)	Unit Cost	Quantity (Each)	Total Cost (\$ M )	Unit Cost	Quantity (Each)	Total Cost (\$ M)	Unit Cost	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	48.40
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	-	-	-	-	-	1.72
Integrated Logistics Support		-	-	31.449	-	-	0.182	-	-	0.685	-	-	0.695	-	-	-	-	-	0.69
Total Package Fielding		-	-	33.551	-	-	0.252	-	-	1.040	-	-	0.818	-	-	-	-	-	0.81
Contractor Field Service Representatives		-	-	11.245	-	-	0.219	-	-	0.918	-	-	0.974	-	-	-	-	-	0.97
Production Verification Test		-	-	22.529	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
First Destination Transportation		-	-	3.883	-	-	0.030	-	-	0.024	-	-	0.024	-	-	-	-	-	0.02
Spares/Repair Parts		-	-	99.061	-	-	1.746	-	-	3.620	-	-	3.382	-	-	-	-	-	3.38
New Equipment Training		-	-	33.898	-	-	0.149	-	-	0.560	-	-	0.564	-	-	-	-	-	0.56

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Exhibit P-5, Cost	An	alysis:	PB 2014	Army											Date: Apr	il 2013			
Appropriation / E 2033A: Procuremonther Combat Vel Vehicles	ent	of W&T0	CV, Arm	y / BA 0	2: Weap	ons and			<b>Nomenc</b> mon Rer		perated	Weapon	ıs Statioı	n .	<b>Item Non</b> <i>Name, D</i> 0 G04700 - Weapons	O <i>DIC</i> ): Comm	ion Remo		
		All	Prior Yea	irs		FY 2012			FY 2013		F`	Y 2014 Bas	se	F	Y 2014 OC	0	F`	Y 2014 Tot	ıal
Cost Elements († indicates the presence of a P-5A)	ID CD	Unit Cost	Quantity (Each)	Total Cost (\$ M)	Unit Cost	Quantity (Each)	Total Cost (\$ M)	Unit Cost	Quantity (Each)	Total Cost (\$ M)	Unit Cost	Quantity (Each)	Total Cost (\$ M)	Unit Cost	Quantity (Each)	Total Cost (\$ M)	Unit Cost	Quantity (Each)	Total Cost (\$ M)
Total Recurring Cost				2,053.343			14.890			56.725			56.580			-			56.58
Total Flyaway Cost				2,053.343			14.890			56.725			56.580			-			56.58
Gross Weapon System Cost				2,053.343			14.890			56.725			56.580			=			56.58
			FY 2015			FY 2016			FY 2017			FY 2018			o Complete	Δ		Total Cost	
Cost Elements († indicates the	ID	Unit Cost	Quantity	Total Cost	Unit Cost		Total Cost	Unit Cost		Total Cost	Unit Cost	Quantity	Total Cost		Quantity	Total Cost	Unit Cost		Total Cost
presence of a P-5A)	CD	(\$ K )	(Each)	(\$ M )	(\$ K )	(Each)	(\$ M )	(\$ K )	(Each)	(\$ M)	(\$ K )	(Each)	(\$ M )	(\$ K )	(Each)	(\$ M)	(\$ K )	(Each)	(\$ M)
Flyaway Cost																			
Recurring Cost	<u> </u>																		
† 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	

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P-5 Remarks:

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

				FY 2014	FY 2014	FY 2014				
S	econdary Distribution	FY 2012	FY 2013	Base	oco	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	-	-	-	-

P-1 Line #23

Exhibit P-5A, Budget Procurement History and Planning: P	B 2014 Army	Date: April 2013
Appropriation / Budget Activity / Budget Sub Activity:	P-1 Line Item Nomenclature:	Item Nomenclature:
2033A: Procurement of W&TCV, Army / BA 02: Weapons and	G04700 - Common Remotely Operated Weapons Station	G04700 - Common Remotely Operated
Other Combat Vehicles / BSA 10: Weapons & Other Combat		Weapons Station
Vehicles		

Cost Elements († indicates the presence of a P-21)	0 C 0	FY	Contractor and Location	Method/Type, or Funding Vehicle	Location of PCO	Award Date	Date of First Delivery	Qty (Each)	Unit Cost	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.

Ex	hibi	it P-2	21, Bud	get P	roduc	ction	Sche	dule:	PB 2	014 <i>A</i>	Army													Date	e: Apr	il 201	3				
203	33A ner	.: Pro	tion / Bocureme	nt of \	W&TC	CV, Ar	my /	BA 02	2: We	apons	s and	1				•	nture: otely (	Opera	ited V	Veapo	ons St	ation		G04	700 -	nencla Comi Statio	mon F		tely Op	erate	∍d
		Cost Elements (Units in Each)											ear 2013											Fiscal Y	ear 2014						
					ACCEP									C	alendar	Year 201	3								Caler	ndar Year	r 2014				
0 0	M F R #	FY	SERVICE <sup>‡</sup>	PROC QTY	PRIOR TO 1 OCT 2012	BAL DUE AS OF 1 OCT	0 T	N O V	DEC	J A N	F E B	M A R	A P R	M A Y	J	J U L	A U G	S E P	0 C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U	JUL	A U G	S E P	B A L
CRO	DWS s	system	l.																												
1	1	2013	ARMY (IX)	240	-	240	-	-	-	-	-	A -	-	-	-	-	24	40	40	40	40	40	16								-
2	2	2014	ARMY (X)	242	-	242	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	Α -	-	-	-	-	40	40	162
	,	FY         SERVICE <sup>‡</sup> QTY         2012         1 OCT         T         V         C         N           S system           2013         ARMY (IX)         240         -         240         -         -         -         -         -         -											A P R	M A Y	J U	J U L	A U G	S E P	0 C T	N O V	D E C	J A N	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

Ex	hib	it P-	21, Bud	get P	rodu	ction	Sche	dule:	PB 2	014 A	rmy													Dat	<b>e</b> : Ap	ril 201	13				
20 Otl	33A	: Pro Com	tion / B ocureme obat Veh	nt of	W&T0	CV, Ar	my /	BA 02	2: We	apons	and	1	4700						ated V	Weap	ons S	tation		G04	1700 -				otely O	perat	ted
			Cost Elen (Units in I									Fiscal \	ear 2015/											Fiscal	Year 201	6					
														(	Calendar	Year 20	15								Cale	ndar Yea	ır 2016				
0 C 0	M F R #	ACCEP   PRIOR   BAL   TO 1   DUE   O   N   D   J									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
CR	ows	system																													
	1	2013	ARMY (IX)	240	240	-																									-
	2	2014	ARMY (X)	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	N U	U U	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	J U L	A U G	S E P	B A L

Exhibit P-21, Budget Production Schedule: PB 2014 Army		Date: April 2013
, , , , , , , , , , , , , , , , , , , ,	P-1 Line Item Nomenclature: G04700 - Common Remotely Operated Weapons Station	Item Nomenclature: G04700 - Common Remotely Operated Weapons Station

		Product	tion Rates (Each /	Month)				Procurement Lea	adtime (Months)			
						Init	ial			Reo	rder	
MFF #	MFR Name - Location	MSR	1-8-5	MAX	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.

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

<sup>&</sup>quot;A" in the Delivery Schedule indicated the Contract Award Date.

ation She	eet: PB 201	14 Army						Date: A	pril 2013		
my / BA 0	2: Weapon		Combat				re:				
		Program Elei	ments for Cod	de B Items: 0	604601A		Other Relate	d Program El	ements:		
Prior Years	FY 2012	FY 2013 <sup>#</sup>	FY 2014 Base	FY 2014 OCO##	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total
-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	0.300	-	0.300	-	-	-	-	-	0.300
-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	0.300	-	0.300	-	-	-	-	-	0.300
-	-	-	-	-	-	-	-	-	-	-	-
-	•	-	0.300	-	0.300	-	-	-	-	-	0.300
(The following	Resource Sum	mary rows are fo	r informational p	urposes only. Ti	he corresponding	budget reques	ts are documente	ed elsewhere.)			
-	-	-	-	-	-	-	-	-	-	-	-
	Prior Years	Prior Years  FY 2012	Prior Years FY 2012 FY 2013#	Prior Years FY 2012 FY 2013# FY 2014 Base 0.300	P-1 L   G153   P-1	P-1 Line Item No.   G15325 - Handger Combat Vehicles   Program Elements for Code B Items: 0604601A	P-1 Line Item Nomenclature	P-1 Line Item Nomenclature: G15325 - Handgun   G1	P-1 Line Item Nomenclature:   G15325 - Handgun   G15325 - Handgun	P-1 Line Item Nomenclature: G15325 - Handgun   G1	P-1 Line Item Nomenclature:   G15325 - Handgun   G15325 - Handgun

#### **Description:**

(Units in Thousands)

Flyaway Unit Cost (Units in Thousands)
Gross/Weapon System Unit Cost

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.

#### Justification:

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.

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.

 LI G15325 - Handgun
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 Army
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<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

Exhibit P-40, Budget Item Justification Sheet: PB 2014 Army

Date: April 2013

Appropriation / Budget Activity / Budget Sub Activity:

P-1 Line Item Nomenclature:

2033A: Procurement of W&TCV, Army / BA 02: Weapons and Other Combat

G01700 - Howitzer Lt Wt 155mm (T)

Vehicles / BSA 10: Weapons & Other Combat Vehicles

Program Elements for Code B Items:

Other Related Program Elements:

MDAP/MAIS Code(s):

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

Resource Summary	Prior Years	FY 2012	FY 2013 <sup>#</sup>	FY 2014 Base	FY 2014 OCO##	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)	1,224.395	13.066	13.827	-	-	-	-	-	-	-	Continuing	Continuing
Less PY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (\$ in Millions)	1,224.395	13.066	13.827	-	-	-	-	-	-	-	Continuing	Continuing
Plus CY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (\$ in Millions)	1,224.395	13.066	13.827	-	-	-	-	-	-	-	Continuing	Continuing
	(The following	g Resource Sum	mary rows are fo	or informational p	ourposes only. Ti	he correspondin	g budget request	s are documente	ed elsewhere.)	•	1	
Initial Spares (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Flyaway Unit Cost (Units in Thousands)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost	-	-	-	-	-	-	-	-	-	-	-	-

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

#### **Description:**

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 Guiddance Kit when available.

Seco	ndary 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	-	-	-	-	-	-	-

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

								UNG	CLASS	IFIED	)									
Exhibit P-40, Bu	dget Item Ju	ustifi	cation	Sheet:	PB 2014	4 Army									Date	: April	2013			
Item Nomenclature*         Exhibits         CD         (\$K)         (Each)         (\$M)         (\$K)         (\$Each)         (\$M)         (\$K)         (\$M)																				
Appropriation / Budget Activity / Budget Sub Activity: 2033A: Procurement of W&TCV, Army / BA 02: Weapons & Other Combat Vehicles / BSA 10: Weapons & Other Combat Vehicles  ID Code (A-Service Ready, B-Not Service Ready): A  Program Elements for Code B Item:    Program Elements for Code B Item:   Program Elements   P																				
MDAP/MAIS Code(s)	:				I															
Item Scho	edule		F	Prior Year	rs		FY 2012	2		FY 2013	3	FY	2014 B	ase	FY	2014 O	СО	FY	2014 T	otal
tem Namanalaturat	Fuhihita																			Total Cost
G01700 - Howitzer Lt Wt		_	(, ,	(Eacn)			. ,				<del>  ' '                                 </del>			(\$ M )		<u> </u>	+		(Eacn)	
Total Gross/Weapon					1,224.395			13.066			13.827			-			-			-
-	edule			FY 2015			FY 2016	<u>.</u>		FY 2017	,		FY 2018	<u> </u>	To	Compl	ete		Total	
				Qty	Total Cost	Unit Cost	Qty	Total Cost	Unit Cost	Qty	Total Cost	Unit Cost	Qty	Total Cost	Unit Cost	Qty	Total Cost			Total Cost
G01700 - Howitzer Lt Wt		_	, t. ,	<u> </u>	<u> </u>						<del>                                     </del>				(\$ \( \)		1 ' '	(\$ \( \)	, ,	
Total Gross/Weapon					-			-			-			-		Continuin	g		Continuin	g
*Item Nomenclature repr	esents Item Numb	er, DC	DIC, and I	tem Name	for the P40	A and P5; I	Name for	the P18 and	d P23; Modi	fication N	umber and	Modification	Title for	the P3A; Ite	em Number	and Item	Name for the	ne P10.		
	).																			

LI G01700 - Howitzer Lt Wt 155mm (T) Army

Exhibit P-5, Cost Analysis: PB 2014 Army

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)

G01700 - Howitzer Lt Wt 155mm (T)

	Prior			FY 2014	FY 2014	FY 2014					То	
Resource Summary	Years	FY 2012	FY 2013 <sup>#</sup>	Base	OCO##	Total	FY 2015	FY 2016	FY 2017	FY 2018	Complete	Total
Procurement Quantity (Units in Each)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost (\$ in Millions)	1,224.395	13.066	13.827	-	-	-	-	-	-	-	Continuing	Continuing
Less PY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (\$ in Millions)	1,224.395	13.066	13.827	-	-	-	-	-	-	-	Continuing	Continuing
Plus CY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (\$ in Millions)	1,224.395	13.066	13.827	-	-	-	-	-	-	-	Continuing	Continuing
	(The following	g Resource Sum	mary rows are fo	r informational p	ourposes only. Th	ne corresponding	g budget request	s are documente	ed 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

		Al	l Prior Yea	ırs		FY 2012			FY 2013		F	Y 2014 Ba	se	F`	Y 2014 OC	0	F	Y 2014 Tot	tal
Cost Elements († indicates the presence of a P-5A)	ID CD	Unit Cost	Quantity (Each)	Total Cost (\$ M )	Unit Cost	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			-			=			-

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

LI G01700 - Howitzer Lt Wt 155mm (T) Army

Exhibit P-5, Cost Analysis: PB 2014 Army

P-1 Line Item Nomenclature:

G01700 - Howitzer Lt Wt 155mm (T)

Item Nomenclature (Item Number - Item

Name, DODIC):

Date: April 2013

G01700 - Howitzer Lt Wt 155mm (T)

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

			FY 2015			FY 2016			FY 2017			FY 2018		T	o Comple	te		Total Cost	į
Cost Elements († indicates the presence of a P-5A)	ID CD	Unit Cost	Quantity (Each)	Total Cost (\$ M)	Unit Cost	Quantity (Each)	Total Cost (\$ M)	Unit Cost	Quantity (Each)	Total Cost (\$ M )	Unit Cost	Quantity (Each)	Total Cost (\$ M)	Unit Cost	Quantity (Each)	Total Cost (\$ M)	Unit Cost	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:

LI G01700 - Howitzer Lt Wt 155mm (T)

Seco	ndary 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	-	-	-	-	-	-	-

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Exhibit P-5A, Budget Procurement History and Planning: P	B 2014 Army	Date: April 2013
Appropriation / Budget Activity / Budget Sub Activity:	P-1 Line Item Nomenclature:	Item Nomenclature:
2033A: Procurement of W&TCV, Army / BA 02: Weapons and	G01700 - Howitzer Lt Wt 155mm (T)	G01700 - Howitzer Lt Wt 155mm (T)
Other Combat Vehicles / BSA 10: Weapons & Other Combat		
Vehicles		

Cost Elements († indicates the presence of a P-21)	000	FY	Contractor and Location	Method/Type, or Funding Vehicle	Location of PCO	Award Date	Date of First Delivery	<b>Qty</b> (Each)	Unit Cost	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			

LI G01700 - Howitzer Lt Wt 155mm (T) Army UNCLASSIFIED
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Exhibit P-21, Budget Production Schedule: PB 2014 Army

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)
G01700 - Howitzer Lt Wt 155mm (T)

			Cost Elen (Units in E									Fiscal \	ear 2011											Fiscal Y	ear 2012	!					
					ACCEP				_						alendar	Year 201	11								Caler	ndar Year	2012				
0 0	M F R #	FY	SERVICE <sup>‡</sup>	PROC QTY	PRIOR TO 1 OCT 2010	BAL DUE AS OF 1 OCT	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U	J U	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
BAE	E Ligh	ntweight	155mm Howi	tzer																,											
	1	2011	ARMY	14	-	14	-	-	Α -	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		14
	1	2011	• MC	22	-	22	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	- 1		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	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

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

L.	51110																														
			Cost Elen (Units in E								ı	Fiscal Y	ear 2013			,								Fiscal Y	ear 2014						
					ACCEP										Calendar	Year 201	13								Cale	ndar Year	2014				
0 0		FY	SERVICE <sup>‡</sup>	PROC QTY	PRIOR TO 1 OCT 2012	BAL DUE AS OF 1 OCT	O C T	N O V	D E C	J A N	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
BA	AE Lig	htweight	155mm Howi	itzer				1	1												1										
	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	N N	J J	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

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

		Product	tion Rates (Each /	Month)				Procurement Le	adtime (Months)			
						Ini	ial			Reo	rder	
MF	R MFR Name - Location	MSR	1-8-5	MAX	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.

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 greater than 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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<sup>‡</sup> 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.

<sup>&</sup>quot;A" in the Delivery Schedule indicated the Contract Award Date.

Exhibit P-40, Budget Item Justification Sheet: PB 2014 Army		Date: April 2013
Appropriation / Budget Activity / Budget Sub Activity:	P-1 Line Item Nomenclature:	
2033A: Procurement of W&TCV, Army / BA 02: Weapons and Other Combat	GZ1700 - M777 Mods	

Vehicles / BSA 20: Mod Of Weapons And Other Combat Veh

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

Prog

Program Elements for Code B Items:

Other Related Program Elements:

MDAP/MAIS Code(s):

	Prior			FY 2014	FY 2014	FY 2014					То	
Resource Summary	Years	FY 2012	FY 2013 <sup>#</sup>	Base	OCO##	Total	FY 2015	FY 2016	FY 2017	FY 2018	Complete	Total
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)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (\$ in Millions)	-	-	26.843	39.300	-	39.300	8.612	-	-	-	-	74.755
	(The following	g Resource Sum	nmary rows are fo	or informational p	urposes only. Ti	he corresponding	g budget request	s are documente	ed elsewhere.)	•	1	
Initial Spares (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Elyaway Unit Cost (Units in Thousands)												

Initial Spares (\$ in Millions)
 <th

### **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.

Second	dary 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	-	-	-

LI GZ1700 - M777 Mods

Army

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<sup>&</sup>lt;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

								Oit		/II ILL	•									
Exhibit P-40, Bu	dget Item Ju	ıstifi	ication	Sheet:	PB 201	4 Army									Date	: April	2013			
Appropriation / I 2033A: Procurem Vehicles / BSA 20	ent of W&TC	CV, A	Army / B	A 02: V	Veapons	and Ot	her Co	mbat			Item No - M777		ature:							
ID Code (A=Service Read	dy, B=Not Service Re	ady) : <i>A</i>	<b>A</b>			Program	Element	ts for Cod	le B Items	 S:			Oth	er Relate	d Prograi	m Eleme	nts:			
MDAP/MAIS Code(s)	):																			
Item Sche	edule		P	rior Yea	rs		FY 2012	2		FY 2013	3	FY	2014 B	ase	FY	/ 2014 O	СО	FY	2014 To	otal
Item Nomenclature*	Exhibits	ID CD	Unit Cost	Qty (Each)	Total Cost	Unit Cost	Qty (Each)	Total Cost	Unit Cost	Qty (Each)	Total Cost	Unit Cost	Qty (Each)	Total Cost	Unit Cost	Qty (Each)	Total Cost	Unit Cost	Qty (Each)	Total Co
0000 - Digital Fire Control Obsolecence	P3A		-	-	-	-	-	-	-	-	26.843	-	-	39.300	-	-	-	-	-	39.30
Total Gross/Weapon System Cost					-			-			26.843			39.300			-			39.30
Item Sch	edule			FY 2015	5		FY 2016	3		FY 2017	,		FY 2018	3	To	Comple	ete		Total	
Item Nomenclature*	Exhibits	ID CD	Unit Cost	Qty (Each)	Total Cost	Unit Cost	Qty (Each)	Total Cost	Unit Cost	Qty (Each)	Total Cost	Unit Cost	Qty (Each)	Total Cost	Unit Cost	Qty (Each)	Total Cost	Unit Cost	Qty (Each)	Total Co
0000 - Digital Fire Control Obsolecence	P3A		-	-	8.612	-	-	-	-	-	-	-	-	-	-	-	-	-	-	74.75
Total Gross/Weapon System Cost					8.612			-			-			-			-			74.75
*Item Nomenclature repr	esents Item Numb	er, DC	DIC, and I	tem Name	for the P40	A and P5;	Name for	the P18 and	d P23; Mod	ification N	umber and	Modificatio	n Title for	the P3A; Ite	em Number	and Item	Name for th	e P10.		
Justification: FY 2014 Base Appr with onboard navigathrough significantly associated hardwar longer supported. F Funding will also su Hydraulic Power As for firing the Modula also provide approv Funding will continuincreased software	ation, pointing, by reduced time for which requires Funding will replayment field retroses to Kit (HyPAK ar Artillery Chargyed performance ue to support fiel	oallistion gur s perioace h fits of ), Muz ge Sys e base	c computer emplace odic hardware compression of the computer o	ations and ement and ware and componed y contract city Senso CS) at exter le sustain	d digital or d increase software nts with stated Engine or System tended rai ment strated d Training	ommunica d speed a upgrades ate-of-the- eering Cha (MVSS) a nges. Prio tegy as we (CBT) and	tion with and efficient to preclurant replacement ange Property will lead to Compute the computer of the computer to the compu	Fire Directions of the Direction of the	etion Centersion execution execution execution execution in the Improvements deplorements deplor	er. This cution. The sues.	provides e the Digital ne technolon continued wer Condit componen n to those all howitz	each howith Fire Control ogies in the dispersation operation ioning Costs. The Profirst fields ers.	tzer equip rol Syste nese com ns for the ntrol Mod FM and I ed, utilizin	oped with m is completed ponents a ele M777A2 dule (I-PC) ETWD retragresses ar moreases	Digital Fire orised of name over two fleet.  CM), Electrofits are conditioned overhald significant	e Control umerous velve yea  tronic The critical to ul opporte	greater and electronic rs old and ermal War addressing unities as a	utonomy a c compone contain pa rning Devic g current fi appropriate	and survirents and arts that ce (ETW ield restre. Funding	are no (D), rictions ling will

Exhibit P-3A, Individual Modification: PB 2014 Army		Date: April 2013
Appropriation / Budget Activity / Budget Sub Activity:	P-1 Line Item Nomenclature:	Modification Nomenclature
2033A: Procurement of W&TCV, Army / BA 02: Weapons and	GZ1700 - M777 Mods	(Modification Number - Modification
Other Combat Vehicles / BSA 20: Mod Of Weapons And Other		Title):
Combat Veh		0000 - Digital Fire Control Obsolecence

Related RDT&E PEs:

Type Modification: 0000

			<b>.</b>									
Resource Summary	Prior Years	FY 2012	FY 2013 <sup>#</sup>	FY 2014 Base	FY 2014 OCO##	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)	-	-	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)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (\$ in Millions)	-	-	26.843	39.300	-	39.300	8.612	-	-	-	-	74.755
	(The followin	g Resource Sum	nmary rows are fo	or informational p	ourposes only. Ti	he corresponding	g budget request	s are documente	ed elsewhere.)		\ -	
Initial Spares (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost	_	_	_	_	_	_	_	_	_	_	_	_

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

Models of Systems Affected: 0000

# **Description:**

(Units in Thousands)

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.

LI GZ1700 - M777 Mods

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

Exhibit P-3A, Individual Modification: PB 2014 Army

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 Number - Modification Title):

0000 - Digital Fire Control Obsolecence

Combat Veh									0000 - Dig	gital Fire Co	ontrol Obso	lecence
Models of Systems Affected: 0000		Type I	Modificatio	n: 0000			Re	lated RDT	&E PEs:			
	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
Financial Plan	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 / 19.96
Engineering Change Proposal	0 / 0.000	- / -	- / -	- / 0.678	- / -	- / 0.678	- / -	- / -	- / -	- / -	- / -	- / 0.67
Subtotal Non-Recurring	0/0.000	- / -	418 / 17.100	70 / 3.541	- / -	70 / 3.541	- / -	- / -	- / -	- / -	- / -	488 / 20.64
Total, Hardware Obsolescence	0 / 0.000	- / -	418 / 17.100	70 / 3.541	- / -	70 / 3.541	- / -	- / -	- / -	- / -	- / -	488 / 20.64
Modernization in Service												
A Kits												
Non-Recurring												
Enhanced Power Pack	0 / 0.000	- / -	418 / 8.400	70 / 1.406	- / -	70 / 1.406	- / -	- / -	- / -	- / -	- / -	488 / 9.80
Engineering Change Proposal	0 / 0.000	- / -	- / -	- / 0.777	- / -	- / 0.777	- / -	- / -	- / -	- / -	- / -	- /0.77
Subtotal Non-Recurring	0/0.000	- / -	418 / 8.400	70 / 2.183	- / -	70 / 2.183	- / -	- / -	- / -	- / -	- / -	488 / 10.58
Total, Modernization in Service	0/0.000	- / -	418 / 8.400	70 / 2.183	- / -	70 / 2.183	- / -	- / -	- / -	- / -	- / -	488 / 10.58
Interoperability - Communication												
A Kits												
Non-Recurring												
Engineering Change Proposal	0 / 0.000	- / -	418 / 1.343	70 / 0.225	- / -	70 / 0.225	- / -	- / -	- / -	- / -	- / -	488 / 1.56
Electronic Communication Components	0 / 0.000	- / -	- / -	488 / 11.487	- / -	488 / 11.487	- / -	- / -	- / -	- / -	- / -	488 / 11.48
Subtotal Non-Recurring	0 / 0.000	- / -	418 / 1.343	558 / 11.712	- / -	558 / 11.712	- / -	- / -	- / -	- / -	- / -	976 / 13.05
Total, Interoperability - Communication	0/0.000	- / -	418 / 1.343	558 / 11.712	- / -	558 / 11.712	- / -	- / -	- / -	- / -	- / -	976 / 13.05
Performance Based Life Cycle												
A Kits												
Recurring												
Interim Contractor Support	0 / 0.000	- / -	- / -	- / 9.014	- / -	- / 9.014	- / -	- / -	- / -	- / -	- / -	- / 9.01
Systems Engineering	0 / 0.000	- / -	- / -	- / 2.656	- / -	- / 2.656	- / -	- / -	- / -	- / -	- / -	- / 2.65
Subtotal Recurring	0 / 0.000	- / -	- / -	- /11.670	- / -	- /11.670	- / -	- / -	- / -	- / -	- / -	- /11.67
Total, Performance Based Life Cycle	0 / 0.000	- / -	- / -	- /11.670	- / -	- /11.670	- / -	- / -	- / -	- / -	- / -	- /11.67
Field Retrofit Activities												
A Kits												

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Exhibit P-3A, Individual Modification: PB 2014 Army

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

Combat Veh

Date: April 2013

Modification Nomenclature:
(Modification Number - Modification Title):
0000 - Digital Fire Control Obsolecence

Models of Systems Affected: 0000 Type Modification: 0000 Related RDT&E PEs:

Models of Systems Affected: 0000		Type I	Modificatio	<b>on:</b> 0000			Ke	lated RDT	&E PES:			
	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
Financial Plan	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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Exh	ibit P-	3A, I	Indivi	idual	Modi	ficati	on: P	B 2	014 Arr	ny														Dat	e: Ap	ril 201	3				
203 Oth	3A: Pr	ocure	emen	t of V	√&TC\	/, Arr	ny / B	A 0	ub Act 2: Wea apons	pon	s and		<b>Line It</b> 1700 - N	-	-		ure:							(Mo	difica e):	ation Nation N	umb	er - N	/lodific		nce
Mod	lels of	Sys	tems	Affe	cted:	0000	)				Type I	Modi	ificatio	n: 000	00							Related	RD	T&E F	PEs:						
Man	ıfacture	er Info	rmatio	n: Ha	rdware	Obso	lescen	се													•										
Manı	ıfacture	r Nam	e: Vari	ous												Manufa	acture	er Location	on: Va	arious											
Adm	nistrativ	e Lea	dtime (	in Mo	nths):											Produc	ction I	Leadtime	e (in N	/onths	):										
	Da	tes			FY	2012			FY	2013			FY 20	014			FY	2015			F	Y 2016			FY	2017			FY	2018	
Cont	ract Dat	es																													
Deliv	ery Date	es																													
Insta	llation:	Hardy	ware O	bsoles	scence								nplement								ı	nstallatio	on Na	me:							
						Pı	rior Yea	ars	FY 20	12	FY 20	13	FY 20 Base		FY 2	-	l	′ 2014 「otal	F١	Y 2015	;	FY 201	6	FY 20	17	FY 20	18		To oplete	To	otal
1								۵. ۰				. •	Dast	<b>5</b>	OC	.0	'	Otal												10	
Insta	llation	Cost					Qty (Each	)/	Qty (Eac	h) /	Qty (Eac	ch) /	Qty (Eac	:h) /	Qty (E	ach) /	Qty	(Each) /	Qty	y (Each) Cost (\$		Qty (Each		Qty (Ead		Qty (Eac	ch) /	Qty (	Each) / ost (\$ M )	Qty (E	Each) /
	Ilation or Years	Cost					Qty (Each	)/ SM)	Qty (Eac Total Cost	h) /	Qty (Eac Total Cost	ch) /	Qty (Eac	:h) /	Qty (E Total Co:	ach) /	Qty	(Each) /	Qty		м)		M) T	Total Cost		Qty (Eac Total Cost	ch) /	Qty (		Qty (E Total Co	ost (\$ M
	r Years	Cost					Qty (Each	) / S M )	Qty (Eac Total Cost	h) / (\$ <i>M</i> ) 0.000	Qty (Eac Total Cost	ch) / (\$ M )	Qty (Eac	:h) / (\$ M ) T	Qty (E Total Cos	ach) / st (\$ M )	Qty	(Each) / Cost (\$ M) 0 / 0.000	Qty	Cost (\$	M)	Total Cost (\$	M) 7	otal Cost 0 /	(\$ M )	Qty (Eac Total Cost	ch) / (\$ M )	Qty ( Total C	ost (\$ M )	Qty (E Total Co	ost (\$ M
All Prid FY 20	r Years 2	Cost					Qty (Each fal Cost (\$ 0 / 0 - /	) / S M ) 0.000 -	Qty (Eac Total Cost 0 /	h) / /\$ <i>M</i> ) 0.000 / - / -	Qty (Eac Total Cost	ch) / (\$ M) / 0.000 / - / -	Qty (Eac Total Cost	ch) / (\$ M ) T 0.000 / - / -	Qty (E Total Cos	ach) / st (\$ M ) / - / -	Qty	(Each) / Cost (\$ M) 0 / 0.000 - / -	Qty	Cost (\$ 0 / 0.	<i>M</i> ) 000	Total Cost (\$ 0 / 0 - / - /	.000 - -	Total Cost 0 / - -	(\$ M ) 0.000 / - / -	Qty (Eac Total Cost 0 / -	ch) / (\$ M ) 7 0.000 7 - 7 -	Qty (	ost (\$ M) 0 / 0.000 - / - - / -	Qty (E	ost (\$ M 0 / 0.00 - / - - / -
All Prior FY 20 FY 20 FY 20	or Years 2 3	Cost					Qty (Each tal Cost (\$ 0 / 0 - / - /	) / S M ) 0.000 - -	Qty (Eac Total Cost 0 / - -	h) / (\$ M ) 0.000 / - / -	Qty (Eac Total Cost	ch) / (\$ M ) / 0.000 / - / -	Qty (Eac Total Cost 0 /	ch) / (\$ M ) 7 0.000 / - / - / - / -	Qty (E Total Cos - - -	ach) / st (\$ M) / - / - / - / -	Qty	(Each) / Cost (\$ M) 0 / 0.000 - / - - / -	Qty	Cost (\$ 0 / 0.  - / - / - /	M) 000	O / 0 - / - / - /	(M) 7 .000	Total Cost 0 /	(\$ M ) 0.000 / - / -	Qty (Eac Total Cost 0 / - -	ch) / (\$ M ) 7 0.000 / - / -	Qty (	ost (\$ M) 0 / 0.000 - / / / -	Qty (E	ost (\$ M 0 / 0.00 - / - - / -
All Prid FY 20° FY 20° FY 20°	r Years 2 3 4	Cost					Qty (Each al Cost (\$ 0 / 0 - / - / - /	) / S M ) 0.000 - - -	Qty (Eac Total Cost 0 / - - -	h) / (\$ M ) 0.000 / - / - / -	Qty (Eac Total Cost	ch) / (\$ M) / 0.000 / - / - / -	Oty (Eac Total Cost 0 /	(\$ M ) 7 0.000 / - / - / -	Qty (E Total Cos - - -	ach) / st (\$ M )  / - / - / - / - / -	Qty	(Each) / Cost (\$ M) 0 / 0.000 - / / / -	Qty	Cost (\$ 0 / 0.  - /  - /  - /  - /	M) 1000	Total Cost (\$ 0 / 0 - / - / - /	(M) 7 .000 - - -	Total Cost 0 /	(\$ M ) 0.000 / - / - / - / -	Qty (Eac Total Cost 0 / - -	ch) / (\$ M ) ( 0.000 / - / - / -	Qty (	ost (\$ M) 0 / 0.000 - / - - / - - / -	Qty (E	ost (\$ M
All Prid FY 20 FY 20 FY 20 FY 20 FY 20	2 3 4 5 6	Cost					Oty (Each, al Cost (\$ 0 / 0 - / - / - / - / - / - /	) / S M ) 0.000 - - - -	Qty (Eac Total Cost of a c	h) / (\$ M ) 0.000 / - / - / -	Oty (Eac Total Cost	ch) / (\$ M) / (0.000 / - / - / - / - / - / - / - / - / -	Qty (Eac Total Cost 0 /	(\$ M ) 7 0.000 / - / - / - / -	Qty (E Total Cos	ach) / st (\$ M)  / - / - / - / - / - / -	Qty	(Each) / Cost (\$ M) 0 / 0.000 - / - / / / / / / / / / / / - / / / / / / / / / / / - / - / -	Qty	Cost (\$ 0 / 0.  - / - / - / - / - /	M) 1000	Total Cost (\$\frac{9}{0} \ / 0 \\		0 /	(\$ M ) 0.000  / - / - / - / - / -	Qty (Eac Total Cost 0 / - - -	ch) / (\$ M ) 1 0.000 1 -	Qty (	ost (\$ M) 0 / 0.000 - / / / / / -	Qty (E	ost (\$ M 0 / 0.00 - / - - / - - / - - / -
All Prid FY 20 FY 20 FY 20 FY 20 FY 20 FY 20	2 3 4 5 6 7	Cost					Qty (Each tal Cost (\$ 0 / 0 - / - / - / - / - / - /	) / S M ) 1.000 - - - - -	Qty (Eac Total Cost 0 / - - -	h) / (\$ M ) 0.000 / - / - / - / - / -	Qty (Eac Total Cost	ch) / (\$ M ) / 0.000 / - / - / - / - / - / -	Oty (Eac Total Cost 0 /	(\$ M ) 7 0.000 / - / - / - / - / -	Oty (E	ach) / st (\$ M )  / - / - / - / - / -	Qty	(Each) / Cost (\$ M) 0 / 0.000 - / / / -	Qty	Cost (\$ 0 / 0.  - /  - /  - /  - /	M) 1000	Total Cost (\$ 0 / 0 - / - / - /		0 / - - - - - -	(\$ M ) 0.000 / - / - / - / -	Qty (Eac Total Cost 0 / - - - -	ch) / (\$ M ) ( 0.000 / - / - / -	Qty (	ost (\$ M) 0 / 0.000 - / - - / - - / -	Qty (E Total Co	ost (\$ M
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Adm	inistrativ	e Lea	dtime (	in Mon	ths):									Produc	tion Lead	ltime	(in Month	s):									
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LI GZ1700 - M777 Mods

Army

Exh	ibit P-	3A, I	ndiv	idual	Modi	ficati	on: P	B 2	014 Arı	ny														Date	e: Ap	oril 201	3				
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Manı	ıfacture	er Info	rmatio	n: Pe	rforma	nce Ba	sed Li	fe C	ycle																						
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Admi	nistrativ	e Lea	dtime (	'in Mor	nths):											Produ	ction I	Leadtime	e (in N	Months,	:										
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LI GZ1700 - M777 Mods

Army

	ibit P-	3A, I	ndivi	dual	Modif	icatio	n: PE	2014	1 Army									Date	: Apri	il 2013			
203 Oth	BA: Pro	ocure	ement	t of W	&TCV	, Arm	ıy / BA	02: V	Activity Weapons ons And	s and GZ	<b>1 Line Item I</b> Z1700 - M777		lature:					(Mod Title)	ificati :		enclature er - Modific Control Obs		nce
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Admi	nistrativ	e Lead	dtime (	in Mon	ths):							Pro	oduction L	eadtime	(in Months	):							
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Cont	act Date	es																					
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P-1 Line #26

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All Price FY 201 TO Cor Total	r Years 2 3 4 5 6 7 8 nplete	Sched	dule FY 2			Total (	Cost (\$ M)  0 / 0.000  -	Total Cost (\$ M)  0 / 0.000  - / -  - / -  - / -  - / -  - / -  - / -  - / -  - / -  - / -  - / -  3  4 1	Total Cost (\$ M )  0 / 0.000  - / -  - / -  - / -  - / -  - / -  - / -  - / -  - / -  - / -  - / -  2 / 3	Total Cost (\$ M)  0 / 0.000  - / -  - / -  - / -  - / -  - / -  - / -  - / -  - / -  - / -  - / -  - / -  - / -  4 1	Total Cost (\$ M) -	7 Total Cost (\$ M) 0 / 0.000 - / -	Total Cost (\$ M )  0 / 0.000  - / -  - / -  - / -  - / -  - / -  - / -  - / -  - / -  FY 2016  2 3	Total Cost (\$ M )  0 / 0.000  - / -  - / -  - / -  - / -  - / -  - / -  - / -  - / -  - / -  - / -  - / -  - / -  - / -  - / -  - / -	Total Cost (\$ M )  0 / 0.000  - / -  - / -  - / -  - / -  - / -  - / -  - / -  - / -  - / -  - / -  2 / 3 4	Total Cost (\$ M )  0 / 0.000  - / -	Total Cost (\$ M)  0 / 0.000  - / -  7 2018	Total Cost (\$ M

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

Appropriation / Budget Activity / Budget Sub Activity:

P-1 Line Item Nomenclature:

2033A: Procurement of W&TCV, Army / BA 02: Weapons and Other Combat

GB3007 - M4 Carbine Mods

Vehicles / BSA 20: Mod Of Weapons And Other Combat Veh

Program Elements for Code B Items: 0604601A

**Other Related Program Elements:** 

MDAP/MAIS Code(s):

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

	Prior			FY 2014	F1 2014	FY 2014					То	
Resource Summary	Years	FY 2012	FY 2013 <sup>#</sup>	Base	OCO##	Total	FY 2015	FY 2016	FY 2017	FY 2018	Complete	Total
Procurement Quantity (Units in Each)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost (\$ in Millions)	499.764	41.892	27.243	10.300	-	10.300	16.128	16.152	8.800	18.491	Continuing	Continuing
Less PY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (\$ in Millions)	499.764	41.892	27.243	10.300	-	10.300	16.128	16.152	8.800	18.491	Continuing	Continuing
Plus CY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (\$ in Millions)	499.764	41.892	27.243	10.300	-	10.300	16.128	16.152	8.800	18.491	Continuing	Continuing
	(The following	g Resource Sum	mary rows are fo	or informational p	ourposes only. Ti	he corresponding	g budget request	s are documente	ed elsewhere.)		•	
Initial Spares (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Flyaway Unit Cost (Units in Thousands)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost (Units in Thousands)	-	-	-	-	-	-	-	-	-	-	-	-

EV 2014 EV 2014

#### **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 Sch	edule		P	rior Year	's		FY 2012			FY 2013		FY	' 2014 Ba	ise	FY	2014 O	CO	FY	2014 To	otal
Item Nomenclature*	Exhibits	ID CD	Unit Cost	Qty (Each)	Total Cost															
TBD - M4 PIP	P3A		-	-	499.764	-	-	41.892	-	-	27.243	-	-	10.300	-	-	-	-	-	10.300
Total Gross/Weapon System Cost					499.764			41.892			27.243			10.300			-			10.300
Item Sch	edule			FY 2015			FY 2016	i		FY 2017			FY 2018	,	To	Comple	te		Total	
Item Nomenclature*	Exhibits	ID CD	Unit Cost	Qty (Each)	Total Cost															
TBD - M4 PIP	P3A		-	-	16.128	-	-	16.152	-	-	8.800	-	-	18.491		Continuina		<u> </u>	Continuina	

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<sup>&</sup>lt;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

								UNC	CLASS	SIFIED	)									
Exhibit P-40, Budg	get Item Jus	stific	ation S	heet:	PB 2014	4 Army									Dat	e: April	2013			
Appropriation / Bu 2033A: Procurement Vehicles / BSA 20:	udget Activint of W&TC\	i <b>ty / E</b> /, Arr	<b>Budget</b> my / BA	<b>Sub A</b> 02: W	Activity: /eapons	and Ot	her Co	mbat			Item No - M4 Ca					·				
ID Code (A=Service Ready, I	B=Not Service Read	ly) : B			I	Program	Element	s for Cod	e B Item	<b>s</b> : 060460	)1A		Oth	er Relate	d Progra	m Eleme	ents:			
MDAP/MAIS Code(s):					'															
Item Sched	ule		F	Y 2015			FY 2016			FY 2017			FY 2018	1	Т	o Compl	ete		Total	
Item Nomenclature*	Exhibits	ID U	Init Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost	Qty (Each)	Total Cost	Unit Cost	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost	Unit Cost	Qty (Each)	Total Cost	Unit Cost (\$ K)	Qty (Each)	Total Cos
Total Gross/Weapon System Cost					16.128			16.152			8.800			18.491		Continuin	g		Continuing	
*Item Nomenclature represe	ents Item Number	r, DOD	IC, and Ite	m Name	for the P40	A and P5;	Name for t	the P18 and	d P23; Mod	dification N	umber and	Modificatio	n Title for	the P3A; Ite	m Numbe	r and Item	Name for the	ne P10.		
Note: Totals in this Exhibit F														-						
M4 Carbine. The M4 of CQBK provides the Solar accordance with Sedomestic emergency in the Solar accordance with Sedomestic emergency in the Solar accordance with Sedomestic emergency in the Solar accordance with Sedomestic	oldier with multi	iple lov he FY	w cost ite 2008 Nat	ms to in tional De	crease let efense Ac	thality and t, (P.L.110	l survivat 0-181), th	oility. Imp	roved cor	nbat optio	s enhance	e the capa	ability to i	dentify an	d engage	e targets	at all range	es.		

LI GB3007 - M4 Carbine Mods Army

P-1 Line #27

Exhibit P-3A, Individual Modification: PB 2014 Army		Date: April 2013
Appropriation / Budget Activity / Budget Sub Activity:	P-1 Line Item Nomenclature:	<b>Modification Nomenclature</b>
2033A: Procurement of W&TCV, Army / BA 02: Weapons and	GB3007 - M4 Carbine Mods	(Modification Number - Modification
Other Combat Vehicles / BSA 20: Mod Of Weapons And Other		Title):
Combat Veh		TBD - M4 PIP

Models of Systems Affected: M	4/M4A1 CA	RBINE	Type Modi	i <b>fication</b> : In	creased Pe	rformance		Related R	DT&E PEs:			
Resource Summary	Prior Years	FY 2012	FY 2013 <sup>#</sup>	FY 2014 Base	FY 2014 OCO##	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)	499.764	41.892	27.243	10.300	-	10.300	16.128	16.152	8.800	18.491	Continuing	Continuing
Less PY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (\$ in Millions)	499.764	41.892	27.243	10.300	-	10.300	16.128	16.152	8.800	18.491	Continuing	Continuing
Plus CY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (\$ in Millions)	499.764	41.892	27.243	10.300	-	10.300	16.128	16.152	8.800	18.491	Continuing	Continuing
	(The following	Resource Sum	mary rows are fo	or informational p	ourposes only. Th	ne corresponding	budget request	s are documente	ed elsewhere.)	ſ	•	1
Initial Spares (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost (Units in Thousands)	-	-	-	-	-	-	-	-	-	-	-	-

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

# **Description:**

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.

Development	Status/Major Development Milestones	
Date	Title	Description
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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<sup>##</sup> The FY 2014 OCO Request will be submitted at a later date

Exhibit P-3A, Individual Modification: PB 2014 ArmyAppropriation / Budget Activity / Budget Sub Activity:<br/>2033A: Procurement of W&TCV, Army / BA 02: Weapons and<br/>Other Combat Vehicles / BSA 20: Mod Of Weapons And OtherP-1 Line Item Nomenclature:<br/>GB3007 - M4 Carbine ModsModification Nomenclature<br/>(Modification Number - Modification<br/>Title):<br/>TBD - M4 PIP

Models of Systems Affected: M4/M4/	A1 CARBINE	Type N	/lodificatio	n: Increas	ed Perform	ance	Re	lated RDT	&E PEs:			
	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
Financial Plan	Qty (Each) / Total Cost (\$ M )	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M )	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M )	Qty (Each) / Total Cost (\$ M )	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ /
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	- / -	491,149 156.79
Engineering Support	0 / 11.500	- / 0.050	- / 0.145	- / -	- / -	- / -	- / -	- / 0.200	- / 0.100	- / 0.200	- / -	- / 12.19
Test	0 / 0.400	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 0.40
Integrated Logistical Support	0 / 2.820	- / 0.050	- / 0.050	- / -	- / -	- / -	- / -	- / 0.100	- / 0.100	- / 0.200	- / -	- / 3.32
Total Package Fielding	0 / 2.050	- / 0.050	- / 0.050	- / -	- / -	- / -	- / -	- / 0.200	- / 0.100	- / 0.200	- / -	- / 2.65
New Equipment Training	0 / 0.050	- / 0.050	- / 0.050	- / -	- / -	- / -	- / -	- / 0.100	- / 0.100	- / 0.200	- / -	- / 0.55
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	- / -	491,149 175.91
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	- / -	491,149 175.91
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	- / -	234,866 332.49
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 / 5.46
Engineering Support	0 / 12.400	- / 0.300	- / 0.300	- / 0.300	- / -	- / 0.300	- / 0.300	- / 0.300	- / 0.100	- / 0.350	- / -	- / 14.35
Integrated Logistic Support	0 / 4.500	- / 0.200	- / 0.100	- / 0.100	- / -	- / 0.100	- / 0.100	- / 0.100	- / 0.100	- / 0.250	- / -	- / 5.45
Total Package Fielding	0 / 2.644	- / 0.100	- / 0.200	- / 0.200	- / -	- / 0.200	- / 0.200	- / 0.200	- / 0.100	- / 0.300	- / -	- / 3.94
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	- / -	882,336 361.70
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	- / -	882,336 361.70
M4 Product Improvement Program (PIP) Phase I												<u> </u>
B Kits												
Recurring												
Hardware M4 PIP Phase 1	150,000 / 29.678	192,000 / 30.724	23,000 / 10.400	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	365,000 70.80
System Support and Conversion	0 / 0.000	- / 0.110	- /4.400	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- /4.5
Engineering Support	0 / 0.278	- / 0.508	- / 0.600	- / 0.710	- / -	- /0.710	- / 0.860	- / 0.860	- / 0.860	- / 0.860	- / -	- / 5.53

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P-1 Line #27

Exhibit P-3A, Individual Modification: PB 2014 Army		Date: April 2013
Appropriation / Budget Activity / Budget Sub Activity:	P-1 Line Item Nomenclature:	Modification Nomenclature
2033A: Procurement of W&TCV, Army / BA 02: Weapons and	GB3007 - M4 Carbine Mods	(Modification Number - Modification
Other Combat Vehicles / BSA 20: Mod Of Weapons And Other		Title):
Combat Veh		TBD - M4 PIP

Models of Systems Affected: M4/M4A	1 CARBINE	Type I	Modificatio	n: Increas	ed Perform	nance	Re	lated RDT	&E PEs:			
	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
Financial Plan	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M )	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M )	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M )	Qty (Each) / Total Cost (\$ M )	Qty (Each) / Total Cost (\$ M )	Qty (Each) / Total Cost (\$ M
Integrated Logistics Support	0 / 0.044	- / 0.050	- / 0.048	- / 0.040	- / -	- / 0.040	- / 0.040	- / 0.040	- / 0.040	- / 0.040	- / -	- / 0.34
Subtotal Recurring	150,000 / 30.000	192,000 / 31.392		- /0.750	- / -	- /0.750	- /0.900	- /0.900	- /0.900	- /0.900	- / -	365,000 81.19
Total, M4 Product Improvement Program (PIP) Phase I	150,000 / 30.000	192,000 / 31.392		- /0.750	- / -	- /0.750	- /0.900	- /0.900	- /0.900	- /0.900	- / -	365,000 81.19
Total Procurement, All Modifications	738,221 / 499.764	331,834 / 41.892	313,323 / 27.243	98,371 / 6.750	- / -	98,371 / 6.750	119,173 / 11.028	109,231 / 11.052	3,971 / 3.700	24,361 / 17.375	- / -	1,738,485 618.80
Total Procurement and Support	499.764	41.892	27.243	6.750	-	6.750	11.028	11.052	3.700	17.375	-	618.80
Combat Optics Installation Cost	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
Close Quarters Battle Kit Installation Cost	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
M4 Product Improvement Program (PIP) Phase I Installation Cost	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 19.96
Total Installation Cost	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 19.96
Total Cost (Procurement + Support + Installation)	499.764	41.892	27.243	10.300	-	10.300	16.128	16.152	8.800	18.491	-	638.770

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EXNI	bit P-	3A, I	ndivi	dual	Modi	fication	on: Pl	B 201	14 Army								Date: A	pril 2013		
2033 Othe	BA: Pro	ocure nbat \	ment	t of W	&TC\	/, Arn	ny / B	A 02:	<b>Activity</b> Weapon	s and GE	<b>1 Line Item</b> 33007 - M4 (							cation Nome cation Numb		eation
Mod	els of	Sys	tems	Affe	cted:	M4/N	14A1 (	CARE	BINE	Type Mod	<b>dification:</b> In	creased	Perform	ance		Related R	DT&E PEs	:		
Manu	facture	er Info	rmatic	n: Cor	nbat C	ptics														
Manu	facturer	r Name	e: TBD	)								Ma	nufacturer	r Locatio	n: TBD					
Admir	nistrativ	e Lead	dtime (	in Mon	ths): 7							Pro	duction Le	eadtime	(in Months): 2	)				
	Dat	tes			FY	2012			FY 2013		FY 2014		FY 2	2015		FY 2016	F	Y 2017	FY	2018
Contr	act Date	es			Jun	2012			Apr 2013	3						Feb 2016	F	eb 2017	Feb	2018
Delive	ery Date	es			Sep	2012			Jun 2013	3						Apr 2016	Д	pr 2017	Apr	2018
Inotal	lation:	Comb	at Opt	ics						Method of I	mplementation	n: Installed I	by Soldier	rs .		Installation	Name:			
IIIStai																				
IIIStai						Pr	ior Yea	rs I	FY 2012	FY 2013	FY 2014 Base	FY 2014 OCO		2014 otal	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total
	lation (	Cost				С	ior Yea ty (Each)	/ (	FY 2012  Qty (Each) / tal Cost (\$ M )	FY 2013  Qty (Each) / Total Cost (\$ M	Base  Qty (Each) /		/ Qty (I	-	FY 2015  Qty (Each) / Total Cost (\$ M )	FY 2016  Qty (Each) / Total Cost (\$ M )	Qty (Each) /	Qty (Each) /		Qty (Each) /
	lation (	Cost				С	ty (Each)	/ (M) Tot	Qty (Each) /	Qty (Each) /	Base  Qty (Each) / Total Cost (\$ M)	OCO Qty (Each)	/ Qty (I M ) Total Co	otal Each) /	Qty (Each) /	Qty (Each) /	Qty (Each) /	Qty (Each) / Total Cost (\$ M )	Complete  Qty (Each) /	Qty (Each) / Total Cost (\$ M
Instal	llation (	Cost				С	ty (Each) al Cost (\$	/ (0 M) Tot	Qty (Each) / tal Cost (\$ M )	Qty (Each) / Total Cost (\$ M	Base  Qty (Each) / Total Cost (\$ M )	Qty (Each) Total Cost (\$	/ Qty (I M ) Total Co	Each) /	Qty (Each) / Total Cost (\$ M )	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M )	Qty (Each) / Total Cost (\$ M )	Complete  Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M
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LI GB3007 - M4 Carbine Mods Army UNCLASSIFIED
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P-1 Line #27

Exh	ibit P-	3A, I	ndivi	dual	Modif	icatio	n: Pl	3 201	14 Army								D	ate: A	pril 201	3			
2033 Othe	3A: Pr	ocure	ement	t of W	&TCV	′, Arm	ıy / B	A 02:	<b>Activity</b> Weapon oons And	s and G	<b>-1 Line Iten</b> B3007 - M4						(A	/lodific			enclature er - Modifi	ication	1
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Manu	ıfacture	r Info	rmatic	n: Clo	se Qua	rters E	Battle	<b>Cit</b>															
Manu	ıfacture	Name	e: Otis	Produc	cts Inc.								Manuf	acturer Location	n: Lyons Fall	s, NY							
Admi	nistrativ	e Lead	dtime (	in Mon	ths): 4								Produc	tion Leadtime	(in Months):	4							
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Ineta	llation:	Close	Quart	ers Bat	tle Kit					Method of	Implementati	on: Install	led by S	Soldiers		Installation	Name:						
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LI GB3007 - M4 Carbine Mods Army UNCLASSIFIED
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Exhibit P-3A, Indiv	vidual Modific	ration: PR	2014 Δrmv								Date: A	pril 2013		
Appropriation / Bu 2033A: Procurement Other Combat Vehi Combat Veh	udget Activity	/ <b>Budget S</b> Army / BA	Sub Activity 02: Weapon	s and Gl	<b>-1 Line Item I</b> B3007 - M4 C						Modific	ation Nome ation Numb		ation
Models of System	s Affected: M	14/M4A1 CA	ARBINE	Type Mo	dification: In	ncrease	d Pe	erformance		Related RI	OT&E PEs:			
Manufacturer Informat	ion: M4 Product	Improvement	t Program (PIF	P) Phase I						ı				
Manufacturer Name: va	rious vendors					N	Manuf	facturer Location	n: various loc	ations				
Administrative Leadtime	(in Months): 5					F	Produc	ction Leadtime	(in Months):	15				
Dates	FY 20	12	FY 2013		FY 2014			FY 2015		FY 2016	F	Y 2017	FY	2018
Contract Dates	May 20	)12	Feb 2013	3										
Delivery Dates	Aug 20	)13	May 2014	4										
	1										,		,	
Installation: M4 Produc	t Improvement Pr	ogram (PIP) F	Phase I	Method of	Implementation	n: Installe	ed by S	SARET		Installation N	lame:			
	- P	Prior Years	FY 2012	FY 2013	FY 2014 Base	FY 20 OCC	)14 O	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total
Installation Cost		Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M		Qty (Eac Total Cost		Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (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 / 0.00	00 56,000 / 3.550	-	1 -	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	- / -	- / -	- / -	-	1 -	- / -	2,000 / 0.106	96,000 / 5.100	94,000 / 4.994	- / -	- / -	192,000 / 10.200
FY 2013		0 / 0.000	- / -	- / -	- / -	-	1 -	- / -	- / -	- / -	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	1	- / -		_	/ -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2017		0 / 0.000	- / -	- / -	- / -	-	/ -	- / -	- / -	- / -	- / -	- / -	- / -	- / -

Installation Schedule

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0 / 0.000

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FY 2018

Total

To Complete

			FY 2	2012			FY 2	2013			FY 2	2014			FY	2015			FY 2	2016			FY 2	2017			FY 2	018			
	APY	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	тс	Tot
In	-	-	-	-	-	-	-	-	-	14,0001	4,000	14,000°	4,0002	4,0002	4,000	24,0002	24,0002	4,0002	4,0002	4,0002	4,000	4,0002	4,0002	4,0002	4,0002	1,000	-	-	-	- 36	65,000
Out	-	-	-	-	-	-	-	-	-	14,0001	4,000°	14,000°	4,0002	4,0002	4,000	24,0002	4,0002	4,0002	4,0002	4,0002	4,0002	4,0002	4,0002	4,0002	4,0002	1,000	-	-	-	- 36	65,000

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56,000 / 3.550

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96,000 / 5.100

96,000 / 5.100

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- / -

21,000 / 1.116

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- / -

365,000 / 19.966

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56,000 / 3.550

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96,000 / 5.100

Exhibit P-40, Budget Item Justification Sheet: PB 2014 Army

Date: April 2013

To

Appropriation / Budget Activity / Budget Sub Activity:

P-1 Line Item Nomenclature:

2033A: Procurement of W&TCV, Army / BA 02: Weapons and Other Combat

**Prior** 

GB4000 - M2 50 Cal Machine Gun MODS

Vehicles / BSA 20: Mod Of Weapons And Other Combat Veh

Program Elements for Code B Items: 0604601A

FY 2014

Other Related Program Elements:

MDAP/MAIS Code(s):

 $\textbf{ID Code} \,\, (\mathsf{A=Service} \,\, \mathsf{Ready}, \, \mathsf{B=Not} \,\, \mathsf{Service} \,\, \mathsf{Ready}) : B$ 

I .	_			-		-					_	Í.
Resource Summary	Years	FY 2012	FY 2013 <sup>#</sup>	Base	OCO##	Total	FY 2015	FY 2016	FY 2017	FY 2018	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	g Resource Sum	mary rows are for	informational p	urposes only. Th	e corresponding	budget request	s are documente	ed elsewhere.)	•	*	
Initial Spares (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Flyaway Unit Cost (Units in Thousands)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost	-	-	-	-	-	-	-	-	-	-	-	-

FY 2014 | FY 2014

#### **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.

				FY 2014	FY 2014	FY 2014				
Secon	ndary Distribution	FY 2012	FY 2013	Base	oco	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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<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

Exhibit P-40, Budget Item Justification Sheet: PB 2014 Army

Appropriation / Budget Activity / Budget Sub Activity:

P-1 Line Item Nomenclature:

2033A: Procurement of W&TCV, Army / BA 02: Weapons and Other Combat

Vehicles / BSA 20: Mod Of Weapons And Other Combat Veh

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):

Item Sche	dule		Р	rior Year	's		FY 2012			FY 2013		FY	2014 Ba	se	FY 2014 OCO			FY 2014 Total		
Item Nomenclature*	Exhibits	ID CD	Unit Cost	Qty (Each)	Total Cost	Unit Cost	Qty (Each)	Total Cost	Unit Cost	Qty (Each)	Total Cost									
TBD - M2 Mods	P3A		-	-	121.270	-	-	48.856	-	-	39.974	-	-	33.691	-	-	-	-	-	33.691
Total Gross/Weapon System Cost					121.270			48.856			39.974			33.691			-			33.691
Item Sche	dule			FY 2015			FY 2016			FY 2017			FY 2018		To	Comple	te		Total	
Item Nomenclature*	Exhibits	ID CD	Unit Cost	Qty (Each)	Total Cost	Unit Cost	Qty (Each)	Total Cost	Unit Cost	Qty (Each)	Total Cost									
									i e		1									
TBD - M2 Mods	P3A		-	-	48.553	-	-	59.199	-	-	63.570	-	-	53.961		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 \$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.

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Exhibit P-3A, Individual Modification: PB 2014 Army		Date: April 2013
Appropriation / Budget Activity / Budget Sub Activity:	P-1 Line Item Nomenclature:	Modification Nomenclature
2033A: Procurement of W&TCV, Army / BA 02: Weapons and	GB4000 - M2 50 Cal Machine Gun MODS	(Modification Number - Modification
Other Combat Vehicles / BSA 20: Mod Of Weapons And Other		Title):
Combat Veh		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##	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 Sumi	mary rows are fo	r informational p	urposes only. Th	ne corresponding	budget request	s are documente	ed elsewhere.)		1	
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

### **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

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

Exhibit P-3A, Individual Modification: PB 2014 Army

P-1 Line Item Nomenclature:

Date: April 2013 **Modification Nomenclature** 

Appropriation / Budget Activity / Budget Sub Activity: 2033A: Procurement of W&TCV, Army / BA 02: Weapons and

GB4000 - M2 50 Cal Machine Gun MODS

(Modification Number - Modification

Other Combat Vehicles / BSA 20: Mod Of Weapons And Other

Title):

Combat Veh

TBD - M2 Mods

Models of Systems Affected: Machine Gun, CAL .50

Type Modification: Increase performance

Related RDT&E PEs:

	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
Financial Plan	Qty (Each) / Total Cost (\$ M )	Qty (Each) / Total Cost (\$ M )	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M )	Qty (Each) / Total Cost (\$ M )	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M					
rocurement												
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	- / -	- / -	52,563 324.21
Engineering Support	0 / 3.051	- / 1.500	- / 0.774	- / 0.672	- / -	- / 0.672	- / 0.700	- / 0.800	- /1.000	- / -	- / -	- /8.49
Testing	0 / 0.500	- / 0.300	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 0.80
Integrated Logistics Support	0 / 0.500	- / 0.300	- / 0.100	- / 0.100	- / -	- / 0.100	- / 0.100	- / 0.200	- / 0.200	- / -	- / -	- / 1.50
Fielding	0 / 0.400	- / 0.100	- / 0.100	- /0.200	- / -	- /0.200	- / 0.100	- / 0.200	- / 0.200	- / -	- / -	- / 1.30
New Equipment Training	0 / 0.370	- / 0.100	- / 0.100	- / 0.100	- / -	- /0.100	- / 0.200	- / 0.200	- / 0.200	- / -	- / -	- / 1.27
First Destination Transp	0 / 0.700	- / 0.411	- / 0.300	- / 0.300	- / -	- / 0.300	- / 0.300	- / 0.300	- / 0.300	- / -	- / -	- /2.6
Anniston Conversion	0 / 0.462	- / -	- / 0.100	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 0.56
Anniston Packaging	0 / 0.500	- / 0.200	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 0.70
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	- / -	- / -	52,563 341.45
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	- / -	- / -	52,563 341.45
Tripods												
B Kits												
Recurring												
M3 Tripods Qty	12,109 / 8.500	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	12,109 / 8.50
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 / 96.48
Engineering Support	0 / 1.011	- / 0.350	- / -	- / 0.803	- / -	- / 0.803	- / 0.776	- / 0.797	- / 0.855	- / 1.802	- / -	- / 6.39
Testing	0 / 0.000	- / -	- / -	- /1.200	- / -	- /1.200	- / -	- / -	- / -	- / 1.600	- / -	- / 2.80
Integrated Logistics Support	0 / 0.100	- / 0.100	- / -	- / 0.125	- / -	- / 0.125	- / 0.125	- / 0.150	- / 0.200	- / 0.300	- / -	- / 1.10
New Equipment Training	0 / 0.200	- / 0.100	- / -	- / 0.300	- / -	- / 0.300	- / 0.300	- / 0.300	- / 0.200	- / 0.350	- / -	- /1.75
Fielding	0 / 0.165	- / 0.100	- / -	- / 0.600	- / -	- / 0.600	- / 0.600	- / 0.600	- / 0.650	- / 1.200	- / -	- / 3.91
First Destination Transportation	0 / 0.200	- / 0.100	- / -	- / 0.225	- / -	- / 0.225	- / 0.240	- / 0.260	- / 0.300	- / 0.750	- / -	- /2.07
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	- / -	54,596 123.02
				4,630 / 12.791	- / -		3,960 / 10.443	3,840 / 10.499		20,685 / 53.961	-	

LI GB4000 - M2 50 Cal Machine Gun MODS Army

**UNCLASSIFIED** Page 4 of 7

Exhibit P-3A, Individual Modification: PB 2014 Army		Date: April 2013
Appropriation / Budget Activity / Budget Sub Activity:	P-1 Line Item Nomenclature:	Modification Nomenclature
2033A: Procurement of W&TCV, Army / BA 02: Weapons and	GB4000 - M2 50 Cal Machine Gun MODS	(Modification Number - Modification
Other Combat Vehicles / BSA 20: Mod Of Weapons And Other		Title):
Combat Veh		TBD - M2 Mods

Models of Systems Affected: Machine Gun, CAL .50 Type Modification: Increase performance M2 and MK-19 Grenade Machine Gun

0/0.000

121.270

1,725 / 0.601

48.856

7,866 / -

39.974

Related RDT&E PEs:

6,750 / 1.000

59.199

6,750 / 1.000

63.570

6,750/ -

53.961

9,222/ -

52,563 / 4.601

469.074

6,750 / 1.000

48.553

WE and WIN TO Gronado Washing San												
				FY 2014	FY 2014	FY 2014					То	
	Prior Years	FY 2012	FY 2013	Base	oco	Total	FY 2015	FY 2016	FY 2017	FY 2018	Complete	Total
Financial Plan	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		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	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -

- / -

6,750 / 1.000

33.691

6,750 / 1.000

33.691

Total Installation Cost

Total Cost (Procurement + Support + Installation)

Exhibit P-3A, Indivi	idual Modification: Pl	3 2014 Army				Date: April 2013	
2033A: Procuremen	dget Activity / Budge t of W&TCV, Army / Ba cles / BSA 20: Mod Of	A 02: Weapons and	<b>P-1 Line Item No</b> GB4000 - M2 50 0	menclature: Cal Machine Gun MODS		Modification Nomei (Modification Numbe Title): TBD - M2 Mods	
Models of Systems M2 and MK-19 Gren	Affected: Machine G nade Machine Gun	un, CAL .50 <b>Type N</b>	<b>lodification:</b> Incre	ease performance	Related RD	T&E PEs:	
Manufacturer Information	on: M2A1 Quick Change B	arrel Kit			·		
Manufacturer Name: TBD	)			Manufacturer Location: TE	3D		
Administrative Leadtime	(in Months): 4			Production Leadtime (in M	fonths): 8		
Dates	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018
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	

Installation: M2A1 Quick Cha	ange Barrel Kit		Method of Im	plementation	: Overhaul/co	nversion		Installation N	lame:			
	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
Installation Cost	Qty (Each) / Total Cost (\$ M )	Qty (Each) / Total Cost (\$ M )	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M )	Qty (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

# Installation Schedule

LI GB4000 - M2 50 Cal Machine Gun MODS

			FY 2	012			FY 2	2013			FY 2	2014			FY 2	2015			FY 2	2016			FY 2	2017			FY 2	018			
	APY	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	TC	Tot
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	7,5355	2,563
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	9,2225	2,563

Exhibit P-3A, Indiv	idual Modification: P	B 2014 Army					Date: April 2013	
2033A: Procuremen	dget Activity / Budgent of W&TCV, Army / Bcles / BSA 20: Mod Of	A 02: Weapons	s and		menclature: Cal Machine Gun MODS	5	Modification Nome (Modification Number Title): TBD - M2 Mods	
Models of Systems M2 and MK-19 Gren	s Affected: Machine C nade Machine Gun	Gun, CAL .50	Type	Modification: Incre	ease performance	Related Ri	DT&E PEs:	
Manufacturer Informati	on: Tripods							
Manufacturer Name: NA					Manufacturer Location: N	IA		
Administrative Leadtime	(in Months): 10				Production Leadtime (in I	Months): 6		
Dates	FY 2012	FY 2013		FY 2014	FY 2015	FY 2016	FY 2017	FY 2018
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
,								

Installation: Tripods			Method of Im	nplementation	: Installed by	Troops		Installation Name:					
	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	
Installation Cost	Qty (Each) / Total Cost (\$ M)	Qty (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	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	
Total	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	

# Installation Schedule

			-																												
			FY 2	2012			FY 2	2013			FY 2	2014			FY 2	2015			FY 2	2016			FY 2	2017			FY 2	018			
	APY	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	тс	Tot
In	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Out	-	-	-	-	-	-	-	-	-	-	_	_	-	-	-	-	_	-	-	-	-	-	-	-	-	-	- 1	-	-	_	-

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Exhibit P-40, Budget Item Justification Sheet: PB 2014 Army

Date: April 2013

Appropriation / Budget Activity / Budget Sub Activity:

P-1 Line Item Nomenclature:

2033A: Procurement of W&TCV, Army / BA 02: Weapons and Other Combat

GZ1290 - M249 SAW Machine Gun MODS

Vehicles / BSA 20: Mod Of Weapons And Other Combat Veh

Program Elements for Code B Items:

Other Related Program Elements:

MDAP/MAIS Code(s):

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

Resource Summary	Prior Years	FY 2012	FY 2013 <sup>#</sup>	FY 2014 Base	OCO##	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)	130.688	8.480	4.996	7.608	-	7.608	7.607	6.201	6.368	5.800	Continuing	Continuing
Less PY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (\$ in Millions)	130.688	8.480	4.996	7.608	-	7.608	7.607	6.201	6.368	5.800	Continuing	Continuing
Plus CY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (\$ in Millions)	130.688	8.480	4.996	7.608	-	7.608	7.607	6.201	6.368	5.800	Continuing	Continuing
	(The following	Resource Sum	mary rows are fo	r informational p	ourposes only. Ti	he corresponding	budget request	s are documente	ed elsewhere.)		1	1
Initial Spares (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Flyaway Unit Cost (Units in Thousands)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost	-	-	-	-	-	-	-	-	-	-	-	-

EV 2014 ------

#### **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 Sche	dule		P	rior Yea	rs		FY 2012			FY 2013		FY	2014 Ba	se	FΥ	′ 2014 O	co	FY	2014 To	tal
Item Nomenclature*	Exhibits	ID CD	Unit Cost	Qty (Each)	Total Cost															
TBD - M249 SAW Machine Gun MODS	P3A		-	-	130.688	-	-	8.480	-	-	4.996	-	-	7.608	-	-	-	-	-	7.608
Total Gross/Weapon System Cost					130.688			8.480			4.996			7.608			-			7.608

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

Exhibit P-40, Budget Item Justification Sheet: PB 2014 Army

Date: April 2013

Appropriation / Budget Activity / Budget Sub Activity:

P-1 Line Item Nomenclature:

2033A: Procurement of W&TCV, Army / BA 02: Weapons and Other Combat

GZ1290 - M249 SAW Machine Gun MODS

Vehicles / BSA 20: Mod Of Weapons And Other Combat Veh

Program Elements for Code B Items:

**Other Related Program Elements:** 

MDAP/MAIS Code(s):

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

Item Sche	dule			FY 2015			FY 2016	i		FY 2017			FY 2018		To	Comple	te		Total	
Item Nomenclature*	Exhibits	ID CD	Unit Cost	Qty (Each)	Total Cost															
TBD - M249 SAW Machine Gun MODS	P3A		-	-	7.607	-	-	6.201	-	-	6.368	-	-	5.800		Continuing			Continuing	
Total Gross/Weapon System Cost					7.607			6.201			6.368			5.800		Continuing			Continuing	ı

<sup>\*</sup>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 \$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.

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.

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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 Other Combat Vehicles / BSA 20: Mod Of Weapons And Combat Veh	and 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:

Gun												
Resource Summary	Prior Years	FY 2012	FY 2013 <sup>#</sup>	FY 2014 Base	FY 2014 OCO##	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total
	. 54.5										•	
Procurement Quantity (Units in Each)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost (\$ in Millions)	130.688	8.480	4.996	7.608	-	7.608	7.607	6.201	6.368	5.800	Continuing	Continuing
Less PY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (\$ in Millions)	130.688	8.480	4.996	7.608	-	7.608	7.607	6.201	6.368	5.800	Continuing	Continuing
Plus CY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (\$ in Millions)	130.688	8.480	4.996	7.608	-	7.608	7.607	6.201	6.368	5.800	Continuing	Continuing
	(The following	g Resource Sum	mary rows are fo	or informational p	urposes only. Th	ne corresponding	budget request	s are documente	ed elsewhere.)	•	1	
Initial Spares (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost (Units in Thousands)	-	-	-	-	-	-	-	-	-	-	-	-

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

#### **Description:**

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.

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

Exhibit P-3A, Individual Modification: PB 2014 Army

Date: April 2013

Appropriation / Budget Activity / Budget Sub Activity:

P-1 Line Item Nomenclature: GZ1290 - M249 SAW Machine Gun MODS Modification Nomenclature

2033A: Procurement of W&TCV, Army / BA 02: Weapons and

(Modification Number - Modification

Other Combat Vehicles / BSA 20: Mod Of Weapons And Other Combat Veh

Title):

TBD - M249 SAW Machine Gun MODS

**Models of Systems Affected:** M249 SAW Machine Gun

Type Modification: Increased Performance

Related RDT&E PEs:

	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
Financial Plan	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M )	Qty (Each) / Total Cost (\$ M )	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M )	Qty (Each) / Total Cost (\$ M)	Qty (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 / 16.20
Engineering Support	0 / 2.858	- / 0.135	- / 0.050	- / 0.200	- / -	- / 0.200	- / 0.200	- / 0.200	- / 0.100	- / -	- / -	- /3.74
Integrated Logistical Support	0 / 0.730	- / -	- / -	- / 0.050	- / -	- / 0.050	- / 0.050	- / 0.050	- / 0.035	- / -	- / -	- / 0.91
Fielding	0 / 0.376	- / 0.074	- / 0.074	- / 0.074	- / -	- / 0.074	- / 0.072	- / 0.072	- / 0.072	- / -	- / -	- / 0.81
Program Management Support	0 / 0.146	- / 0.050	- / 0.050	- / 0.200	- / -	- / 0.200	- / 0.200	- / 0.200	- / 0.100	- / -	- / -	- / 0.94
Subtotal Recurring	1,617 / 20.183	1,458 / 0.394	- /0.174	- /0.524	- / -	- /0.524	- /0.522	- /0.522	- /0.307	- / -	- / -	3,075 / 22.62
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 / 22.62
M249 Short Barrel/Short Barrel BFA/Coll Buttstock												
B Kits												
Recurring												
Hardware	0 / 60.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- /60.00
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 / 9.58
Short Barrel Improved	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 0.100	1,737 / 3.475	- / -	1,737 / 3.57
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 / 5.82
Collapsible Buttstock	2,000 / 0.464	2,761 / 0.679	2,288 / 0.572	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	7,049 / 1.71
Engineering Support	0 / 4.087	- / 0.270	- / 0.254	- / 0.442	- / -	- / 0.442	- / 0.428	- / 0.316	- / 0.304	- / 0.450	- / -	- / 6.55
Integrated Logistical Support	0 / 0.620	- / -	- / -	- / 0.050	- / -	- / 0.050	- / 0.050	- / 0.050	- / 0.050	- / 0.050	- / -	- / 0.87
Fielding	0 / 0.349	- / 0.146	- / 0.148	- / 0.246	- / -	- / 0.246	- / 0.188	- / 0.197	- / 0.197	- / 0.200	- / -	- / 1.67
Program Management Support	0 / 0.246	- / 0.492	- / 0.255	- / 0.400	- / -	- / 0.400	- / 0.486	- / 0.355	- / 0.320	- / 0.400	- / -	- /2.95
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 / 92.74
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 / 92.74
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 / 34.64
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 / 0.75
Engineering Support	0 / 2.578	- / 0.171	- / 0.172	- / 0.366	- / -	- / 0.366	- / 0.358	- / 0.154	- / 0.346	- / 0.300	- / -	- /4.44

LI GZ1290 - M249 SAW Machine Gun MODS Army

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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

Modification Nomenclature

GZ1290 - M249 SAW Machine Gun MODS

(Modification Number - Modification

Title):

TBD - M249 SAW Machine Gun MODS

Models of Systems Affected: M249 SAW Machine

Gun

Combat Veh

Type Modification: Increased Performance

P-1 Line Item Nomenclature:

Related RDT&E PEs:

	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
Financial Plan	Qty (Each) /	Qty (Each) / Total Cost (\$ M)	Qty (Each) /	Qty (Each) /	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M )	Qty (Each) /	Qty (Each) / Total Cost (\$ M )	Qty (Each) /	Qty (Each) /	Qty (Each) / Total Cost (\$ M)	Qty (Each) /
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

LI GZ1290 - M249 SAW Machine Gun MODS Army

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Exhibit P-3A, Indiv	/idual Modifica	ation: PB 2	2014 Army							Date: A	pril 2013		
Appropriation / Bu 2033A: Procurement Other Combat Vehi Combat Veh	nt of W&TCV, A	Army / BA (	02: Weapon	s and GZ	<b>1 Line Item</b> (1290 - M24)			10DS		(Modific	ation Nome ation Numb	er - Modific	
<b>Models of System</b> Gun	s Affected: M2	249 SAW N	/lachine	Type Mod	<b>lification:</b> In	creased Pe	erformance		Related R	DT&E PEs:			
Manufacturer Informat	ion: M249 SAW B	ipod											
Manufacturer Name: TR	I Technology Indu	stries				Manu	facturer Location	on: Mt. Vernon	, NY				
Administrative Leadtime	(in Months): 6					Produ	ıction Leadtime	e (in Months): 4	1				
Dates	FY 201	2	FY 2013	3	FY 2014		FY 2015	· , ,	FY 2016	F	Y 2017	FY	2018
Contract Dates	Mar 201	12											
Delivery Dates	Jul 201												
Delivery Dates													
Delivery Dates  Installation: M249 SAV	Jul 201			Method of I	mplementation	n: Installed by	Troops		Installation N	Name:			
•	Jul 201		FY 2012	Method of I	mplementation FY 2014 Base	n: Installed by FY 2014 OCO	Troops FY 2014 Total	FY 2015	Installation N	Name:	FY 2018	To Complete	Total
•	Jul 201	2	FY 2012  Qty (Each) / Total Cost (\$ M )		FY 2014 Base  Qty (Each) /	FY 2014	FY 2014 Total	FY 2015  Qty (Each) / Total Cost (\$ M )			FY 2018  Oty (Each) / Total Cost (\$ M )		Total  Qty (Each) / Total Cost (\$ M )
Installation: M249 SAV	Jul 201	Prior Years  Qty (Each) /	Qty (Each) /	FY 2013  Qty (Each) /	FY 2014  Base  Qty (Each) /  Total Cost (\$ M )	FY 2014 OCO Qty (Each) /	FY 2014 Total	Qty (Each) /	FY 2016  Qty (Each) /	<b>FY 2017</b> Qty (Each) /	Qty (Each) /	Complete  Qty (Each) /	Qty (Each) /
Installation: M249 SAV	Jul 201	Prior Years  Qty (Each) / Total Cost (\$ M )	Qty (Each) / Total Cost (\$ M)	FY 2013  Qty (Each) / Total Cost (\$ M	FY 2014  Base  Qty (Each) /  Total Cost (\$ M )	FY 2014 OCO Qty (Each) / Total Cost (\$ M)	FY 2014 Total Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	FY 2016  Qty (Each) / Total Cost (\$ M)	FY 2017  Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M )	Complete  Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)
Installation: M249 SAV  Installation Cost  All Prior Years	Jul 201	Prior Years  Qty (Each) / Total Cost (\$ M )  0 / 0.000	Qty (Each) / Total Cost (\$ M)	FY 2013  Qty (Each) / Total Cost (\$ M) 0 / 0.000	FY 2014 Base Oty (Each) / Total Cost (\$ M ) O 0 / 0.000	FY 2014 OCO Qty (Each) / Total Cost (\$ M)	FY 2014 Total Qty (Each) / Total Cost (\$ M )	Qty (Each) / Total Cost (\$ M)	FY 2016  Qty (Each) / Total Cost (\$ M)  0 / 0.000	FY 2017  Qty (Each) / Total Cost (\$ M)  0 / 0.000	Qty (Each) / Total Cost (\$ M ) 0 / 0.000	Complete  Qty (Each) / Total Cost (\$ M )  0 / 0.000	Qty (Each) / Total Cost (\$ M )
Installation: M249 SAV  Installation Cost  All Prior Years FY 2012	Jul 201	Prior Years	Qty (Each) / Total Cost (\$ M ) 0 / 0.000	FY 2013  Qty (Each) / Total Cost (\$ M , 0 / 0.000	FY 2014 Base  Oty (Each) / Total Cost (\$ M )  O	FY 2014 OCO Qty (Each) / Total Cost (\$ M )	FY 2014 Total Qty (Each) / Total Cost (\$ M ) 0 / 0.000	Qty (Each) / Total Cost (\$ M ) 0 / 0.000	FY 2016  Oty (Each) / Total Cost (\$ M )  0 / 0.000	FY 2017  Oty (Each) / Total Cost (\$ M )  0 / 0.000  - / -	Qty (Each) / Total Cost (\$ M ) 0 / 0.000	Omplete  Qty (Each) / Total Cost (\$ M)  0 / 0.000  - / -	Qty (Each) / Total Cost (\$ M ) 0 / 0.000
Installation: M249 SAV  Installation Cost  All Prior Years FY 2012 FY 2013	Jul 201	Prior Years  Oty (Each) / Total Cost (\$ M )  0 / 0.000  0 / 0.000  0 / 0.000	Qty (Each) / Total Cost (\$ M) 0 / 0.000 - / / -	FY 2013  Oty (Each) / Total Cost (\$ M ,	FY 2014 Base Oty (Each) / Total Cost (\$ M ) O 0 / 0.000 - / / -	FY 2014 OCO Qty (Each) / Total Cost (\$ M ) - / - - / -	FY 2014 Total	Qty (Each) / Total Cost (\$ M) 0 / 0.000 - / / -	FY 2016  Qty (Each) / Total Cost (\$ M )  0 / 0.000  - / / -	FY 2017  Qty (Each) / Total Cost (\$ M )  0 / 0.000  - / -  - / -	Qty (Each) / Total Cost (\$ M )  0 / 0.000  - / -  - / -	Complete  Qty (Each) / Total Cost (\$ M)  0 / 0.000  - / / -	Oty (Each) / Total Cost (\$ M ) 0 / 0.000
Installation: M249 SAV  Installation Cost All Prior Years FY 2012 FY 2013 FY 2014 FY 2015 FY 2016	Jul 201	Prior Years  Qty (Each) / Total Cost (\$ M )  0 / 0.000  0 / 0.000  0 / 0.000  0 / 0.000  0 / 0.000	Qty (Each) / Total Cost (\$ M ) 0 / 0.000 - / / / / / -	FY 2013  Oty (Each) / Total Cost (\$ M ,	FY 2014 Base  Oty (Each) / Total Cost (\$ M )  O	FY 2014 OCO  Qty (Each) / Total Cost (\$ M ) - / / / / / / / / -	FY 2014 Total  Qty (Each) / Total Cost (\$ M )  0 / 0.000 - / / / / / -	Qty (Each) / Total Cost (\$ M ) 0 / 0.000 - / / / / / -	FY 2016  Qty (Each) / Total Cost (\$ M )  0 / 0.000  - / -  - / -  - / -  - / -	FY 2017  Oty (Each) / Total Cost (\$ M)  0 / 0.000  - / -  - / -  - / -  - / -  - / -	Qty (Each) / Total Cost (\$ M ) 0 / 0.000 - / / / / / -	Complete  Oty (Each) / Total Cost (\$ M )  0 / 0.000  - / - / - / - / - / - / - / - / - / -	Oty (Each) / Total Cost (\$ M )
Installation: M249 SAV  Installation Cost All Prior Years FY 2012 FY 2013 FY 2014 FY 2015 FY 2016 FY 2017	Jul 201	Prior Years  Qty (Each) / Total Cost (\$ M )  0 / 0.000  0 / 0.000  0 / 0.000  0 / 0.000  0 / 0.000  0 / 0.000	Qty (Each) / Total Cost (\$ M )  0 / 0.000  - / -  - / -  - / -  - / -  - / -  - / -	FY 2013  Oty (Each) / Total Cost (\$ M, 0 / 0.000 - / / / / / / / / / -	FY 2014 Base  Oty (Each) / Total Cost (\$ M )  O	FY 2014 OCO  Qty (Each) / Total Cost (\$ M ) - / / / / / / / / / / -	FY 2014 Total  Qty (Each) / Total Cost (\$ M )  0 / 0.000  - / -  - / -  - / -  - / -  - / -  - / -	Qty (Each) / Total Cost (\$ M )  0 / 0.000  - / -  - / -  - / -  - / -  - / -  - / -	FY 2016  Qty (Each) / Total Cost (\$ M)  0 / 0.000  - / -  - / -  - / -  - / -  - / -  - / -	FY 2017  Qty (Each) / Total Cost (\$ M )  0 / 0.000  - / -  - / -  - / -  - / -  - / -  - / -	Qty (Each) / Total Cost (\$ M )  0 / 0.000  - / -  - / -  - / -  - / -  - / -  - / -	Complete  Oty (Each) / Total Cost (\$ M )  0 / 0.000  - / -  - / -  - / -  - / -  - / -  - / -  - / -	Oty (Each) / Total Cost (\$ M )
Installation: M249 SAV  Installation Cost All Prior Years FY 2012 FY 2013 FY 2014 FY 2015 FY 2016 FY 2017 FY 2018	Jul 201	Prior Years  Qty (Each) / Total Cost (\$ M )  0 / 0.000  0 / 0.000  0 / 0.000  0 / 0.000  0 / 0.000  0 / 0.000  0 / 0.000  0 / 0.000	Qty (Each) / Total Cost (\$ M )  0 / 0.000  - / -  - / -  - / -  - / -  - / -  - / -  - / -  - / -	FY 2013  Oty (Each) / Total Cost (\$ M, 0 / 0.000 - / / / / / / / / / / / / / -	FY 2014 Base  Oty (Each) / Total Cost (\$ M )  O	FY 2014 OCO  Qty (Each) / Total Cost (\$ M) - / / / / / / / / / / / / / / -	FY 2014 Total  Qty (Each) / Total Cost (\$ M )  0 / 0.000  - / -  - / -  - / -  - / -  - / -  - / -  - / -  - / -  - / -  - / -	Qty (Each) / Total Cost (\$ M )  0 / 0.000  - / -  - / -  - / -  - / -  - / -  - / -  - / -  - / -	FY 2016  Qty (Each) / Total Cost (\$ M)  0 / 0.000  - / -  - / -  - / -  - / -  - / -  - / -  - / -	FY 2017  Qty (Each) / Total Cost (\$ M )  0 / 0.000  - / -  - / -  - / -  - / -  - / -  - / -  - / -	Qty (Each) / Total Cost (\$ M )  0 / 0.000  - / -  - / -  - / -  - / -  - / -  - / -  - / -  - / -	Complete  Oty (Each) / Total Cost (\$ M )  0 / 0.000  - / -  - / -  - / -  - / -  - / -  - / -  - / -  - / -  - / -  - / -	Oty (Each) / Total Cost (\$ M )
Installation: M249 SAV  Installation Cost All Prior Years FY 2012 FY 2013 FY 2014 FY 2015 FY 2016 FY 2017	Jul 201	Prior Years  Qty (Each) / Total Cost (\$ M )  0 / 0.000  0 / 0.000  0 / 0.000  0 / 0.000  0 / 0.000  0 / 0.000	Qty (Each) / Total Cost (\$ M )  0 / 0.000  - / -  - / -  - / -  - / -  - / -  - / -	FY 2013  Oty (Each) / Total Cost (\$ M, 0 / 0.000 - / / / / / / / / / -	FY 2014 Base  Oty (Each) / Total Cost (\$ M )  O	FY 2014 OCO  Qty (Each) / Total Cost (\$ M ) - / / / / / / / / / / -	FY 2014 Total  Qty (Each) / Total Cost (\$ M )  0 / 0.000  - / -  - / -  - / -  - / -  - / -  - / -	Qty (Each) / Total Cost (\$ M )  0 / 0.000  - / -  - / -  - / -  - / -  - / -  - / -	FY 2016  Qty (Each) / Total Cost (\$ M)  0 / 0.000  - / -  - / -  - / -  - / -  - / -  - / -	FY 2017  Qty (Each) / Total Cost (\$ M )  0 / 0.000  - / -  - / -  - / -  - / -  - / -  - / -	Qty (Each) / Total Cost (\$ M )  0 / 0.000  - / -  - / -  - / -  - / -  - / -  - / -	Complete  Oty (Each) / Total Cost (\$ M )  0 / 0.000  - / -  - / -  - / -  - / -  - / -  - / -  - / -	Oty (Each) / Total Cost (\$ M )

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FY 2015

FY 2014

FY 2013

FY 2017

FY 2018

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FY 2012

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Out

Exhibit P	P-3A, I	Individ	dual N	Modi	icatio	ı: PB	2014 Arr	my										Date	e: Ap	oril 201	3			
<b>Appropri</b> a 2033A: Pr Other Cor Combat V	Procure ombat '	ement	of Wa	&TC\	/, Army	/ / BA	02: Wea	pons	s and				menclat SAW Mad	ture: chine Gun	MOD	S		(Mod Title	difica e):	ation N	lumb	enclature per - Modi	ificat	
<b>Models o</b> Gun	of Sys	tems	Affec	ted:	M249	SAW	Machine		Type N	Modi	ification	: Incre	eased Pe	erformance	)		Related R	DT&E P	PEs:					
Manufactur	ırer Info	rmatio	n: M24	9 Sho	rt Barre	/Short	Barrel BF	A/Co	II Buttst	ock														
Manufacture	rer Nam	e: N/A											Manu	facturer Loca	tion: N/	/A								
Administrativ	tive Lea	dtime (ii	n Mont	hs): 6									Produ	uction Leadtin	ne (in N	Months): 9	)							
Da	ates			FY	2012		FY	2013			FY 20	14		FY 2015			FY 2016		F`	Y 2017			FY 20	018
Contract Dat	1 1 1										Mar 20	)14		Mar 2015			Mar 2016		Ма	ar 2017		ı	Mar 20	018
Dolivory Dot	elivery Dates Dec 2012 Dec 201										Dec 20	)14		Dec 2015			Dec 2016		De	ec 2017		1	Dec 2	018
,		) Short E	Barrel/S	Short E	arrel BF	A/Coll	Buttstock		Method	l of Im	nplementa		nstalled by	Troops			Installation	Name:				То		
,		) Short E	Barrel/S	Short E		A/Coll			Method		•	4		<del>'</del>	F	ý 2015	Installation FY 2016	Name:	17	FY 20	18	To Complet	e	Total
Installation:	<b>n</b> : M249	Short E	3arrel/S	Short E	<b>Prio</b> Qty		S FY 20	112 ch) /		013	FY 201	14 i	FY 2014	FY 2014 Total	Qty	<b>f 2015</b> / (Each) / Cost (\$ M )			h) /	FY 20 Qty (Eac	ch) /	1	1	Qty (Each)
Installation: Installation	n: M249 n Cost	) Short E	Barrel/S	Short E	<b>Prio</b> Qty	r Years	S FY 20  Qty (Eac  Total Cost	112 ch) / (\$ M)	FY 20 Qty (Eac Total Cost	013 ch) / f (\$ M) / 0.000	FY 201 Base Qty (Each Total Cost (S	14 in) / Constant of the const	FY 2014 OCO Qty (Each) / tal Cost (\$ M)	FY 2014 Total  Qty (Each) / Total Cost (\$ N	Qty Total	(Each) / Cost (\$ M ) 0 / 0.000	FY 2016  Qty (Each) / Total Cost (\$ M )  0 / 0.000	FY 20° Qty (Eacl	h) /	Qty (Eac Total Cost	ch) / (\$ M )	Complet  Qty (Each) Total Cost (\$	M) To	Qty (Each) otal Cost (\$ 0 / 0.0
Installation: Installation All Prior Years FY 2012	n: M249 n Cost	Short E	3arrel/S	Short E	<b>Prio</b> Qty	r Years (Each) / Cost (\$ M 0 / 0.00	G FY 20 Otto (Eac Total Cost   10 Otto (Eac Total Cost   10 Otto (Eac Total Cost (Eac Total Co	(\$ M) (\$ 0.000	FY 20  Oty (Each Total Cost	013 ch) / f (\$ M) / 0.000 / -	FY 201 Base Qty (Each Total Cost (S	(A) / (C) \$ M / Total (C)	FY 2014 OCO Qty (Each) / tal Cost (\$ M) - / -	FY 2014 Total  Qty (Each) / Total Cost (\$ N 0 / 0.0	Qty Total	(Each) / Cost (\$ M ) 0 / 0.000	FY 2016  Oty (Each) / Total Cost (\$ M )  0 / 0.000	FY 20'  Qty (Eacl Total Cost (	h) / (\$ M ) 0.000	Qty (Eac Total Cost 0 /	ch) / (\$ M ) / 0.000 / -	Complet  Qty (Each) Total Cost (\$ 0 / 0.0	M) To	Qty (Each) / Total Cost (\$ / 0 / 0.0
Installation: Installation All Prior Years FY 2012 FY 2013	n: M249 n Cost	Short E	Barrel/S	Short E	<b>Prio</b> Qty	r Years (Each) / Cost (\$ M 0 / 0.00 0 / 0.00	Grant Cost (100 0 ) - 100 - 10	(\$ M) (0.000 / -	FY 20 Qty (Eac Total Cost 0 /	013 ch) / f (\$ M) / 0.000 / - / -	FY 201 Base Qty (Each Total Cost (S	14	FY 2014 OCO Qty (Each) / tal Cost (\$ M ) - / - - / - - / -	FY 2014 Total Qty (Each) / Total Cost (\$ N 0 / 0.0	Qty Total	(Each) / Cost (\$ M ) 0 / 0.000 - / -	FY 2016  Qty (Each) /  Total Cost (\$ M )  0 / 0.000	FY 201  Qty (Eacl Total Cost (	h) / (\$ M ) 0.000 / - / -	Qty (Eac Total Cost 0 /	ch) / (\$ M ) / 0.000 / - / -	Complet  Qty (Each) Total Cost (\$ 0 / 0.0 - /	000 -	Qty (Each) otal Cost (\$ 0 / 0.0
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Installation: Installation All Prior Years =Y 2012 =Y 2013 =Y 2014 =Y 2015 =Y 2016 =Y 2017 =Y 2018	n: M249 n Cost	9 Short E	3arrel/S	Short E	<b>Prio</b> Qty	r Years (Each) / Cost (\$ M 0 / 0.00 0 / 0.00 0 / 0.00 0 / 0.00 0 / 0.00 0 / 0.00 0 / 0.00 0 / 0.00	Grant Cost (1) (1) (1) (1) (1) (1) (1) (1) (1) (1)	h12 ch) / (\$ M) / 0.000 / - / - / - / - / -	FY 20  Qty (Eac Total Cost  0 /	ch) / t (\$ M ) / 0.000 / - / - / - / - / - / - / - / -	FY 201 Base	14	FY 2014 OCO Qty (Each) / real Cost (\$ M ) - / - - / -	FY 2014 Total  Qty (Each) / Total Cost (\$ N	Qty Total	/ (Each) / Cost (\$ M )  0 / 0.000  - / / / / / / / / / -	FY 2016  Qty (Each) /  Total Cost (\$ M )  0 / 0.000  - / -  - / -  - / -  - / -  - / -  - / -  - / -  - / -	FY 20'  Qty (Eacl Total Cost (	h) / (\$ M ) 0.000 / - / - / - / - / - / -	Qty (Eac Total Cost	ch) / (\$ M ) / 0.000 / - / - / - / - / - / - / - / -	Complet	/ M) To	Qty (Each) otal Cost (\$ 0 / 0 / - / - / - / - / - / - / - / - /
Installation: Installation All Prior Years FY 2012 FY 2013 FY 2014 FY 2015 FY 2016 FY 2017 FY 2018 To Complete	n: M249 n Cost	9 Short E	3arrel/S	Short E	<b>Prio</b> Qty	r Years (Each) / Cost (\$ M 0 / 0.00 0 / 0.00 0 / 0.00 0 / 0.00 0 / 0.00 0 / 0.00 0 / 0.00 0 / 0.00 0 / 0.00 0 / 0.00	Grant Cost (1) (1) (1) (1) (1) (1) (1) (1) (1) (1)	h12 ch) / (\$ M ) / 0.000 / - / - / - / - / - / - / -	FY 20  Qty (Eac Total Cost  0 /	ch) / t (\$ M ) / 0.000 / - / - / - / - / - / - / - / - / - / -	FY 201 Base     Qty (Each     Total Cost (3)	14	FY 2014 OCO Oty (Each) / rat Cost (\$ M ) - / - - / -	FY 2014 Total Qty (Each) / Total Cost (\$ N	Qty Total	/ (Each) / Cost (\$ M )  0 / 0.000  - / / / / / / / / / / -	FY 2016  Qty (Each) /  Total Cost (\$ M )  0 / 0.000  - / -  - / -  - / -  - / -  - / -  - / -  - / -  - / -  - / -  - / -  - / -  - / -	FY 20'  Oty (Eacl Total Cost (	h) / (\$ M ) 0.000 / - / - / - / - / - / - / - / - / - / -	Qty (Eac Total Cost 0 / - - - - - -	ch) / (\$ M ) / 0.000 / - / - / - / - / - / - / - / - / - / -	Complet	/ M) To	Oty (Each)  otal Cost (\$ 0 / 0.  - / - / - / - / - / - / - / - / - / -
Installation: Installation All Prior Years FY 2012 FY 2013 FY 2014 FY 2015 FY 2016 FY 2017 FY 2018 Fo Complete Fotal	n: M249		3arrel/S	Short E	<b>Prio</b> Qty	r Years (Each) / Cost (\$ M 0 / 0.00 0 / 0.00 0 / 0.00 0 / 0.00 0 / 0.00 0 / 0.00 0 / 0.00 0 / 0.00	Grant Cost (1) (1) (1) (1) (1) (1) (1) (1) (1) (1)	h12 ch) / (\$ M) / 0.000 / - / - / - / - / -	FY 20  Qty (Eac Total Cost  0 /	ch) / t (\$ M ) / 0.000 / - / - / - / - / - / - / - / -	FY 201 Base	14	FY 2014 OCO Qty (Each) / real Cost (\$ M ) - / - - / -	FY 2014 Total  Qty (Each) / Total Cost (\$ N	Qty Total	/ (Each) / Cost (\$ M )  0 / 0.000  - / / / / / / / / / -	FY 2016  Qty (Each) /  Total Cost (\$ M )  0 / 0.000  - / -  - / -  - / -  - / -  - / -  - / -  - / -  - / -	FY 20'  Qty (Eacl Total Cost (	h) / (\$ M ) 0.000 / - / - / - / - / - / - / - / - / - / -	Qty (Eac Total Cost 0 / - - - - - -	ch) / (\$ M ) / 0.000 / - / - / - / - / - / - / - / -	Complet	/ M) To	Oty (Each)  otal Cost (\$ 0 / 0.  - / - / - / - / - / - / - / - / - / -
Installation: Installation All Prior Years FY 2012 FY 2013 FY 2014 FY 2015 FY 2016 FY 2017 FY 2018 To Complete Total	n: M249	dule		Short E	<b>Prio</b> Qty	r Years (Each) / Cost (\$ M \) 0 / 0.00 0 / 0.00 0 / 0.00 0 / 0.00 0 / 0.00 0 / 0.00 0 / 0.00 0 / 0.00 0 / 0.00	Grant Cost (100 )	h12 ch) / (\$ M ) / 0.000 / - / - / - / - / - / - / -	FY 20 Qty (Eac Total Cost 0 /	ch) / f (\$ M) /	FY 201 Base     Qty (Each     Total Cost (3)	14	FY 2014 OCO Oty (Each) / tal Cost (\$ M) -	FY 2014 Total Qty (Each) / Total Cost (\$ N	Otty Total	/ (Each) / Cost (\$ M) 0 / 0.000 - / / / / / / / / / / / -	FY 2016  Qty (Each) /  Total Cost (\$ M )  0 / 0.000  - / -  - / -  - / -  - / -  - / -  - / -  - / -  - / -  - / -  - / -  - / -	FY 20'  Qty (Eacl Total Cost (	h) / (\$ M ) 0.000 / - / - / - / - / - / - / - / - / -	Qty (Eac Total Cost 0 / - - - - - -	ch) / (\$ M ) / (0.000 / - / - / - / - / - / - / - / - / -	Complet  Oty (Each) Total Cost (\$ 0 / 0.0  - / - / - / - / - / - / - / - / - / -	/ M) To	Total  Oty (Each) otal Cost (\$ i  0 / 0.0  - / i  -
Installation: Installation All Prior Years	n: M249			Short E	<b>Prio</b> Qty	r Years (Each) / Cost (\$ M 0 / 0.00 0 / 0.00 0 / 0.00 0 / 0.00 0 / 0.00 0 / 0.00 0 / 0.00 0 / 0.00 0 / 0.00 0 / 0.00	Grant Cost (100 )	h12 ch) / (\$ M ) / 0.000 / - / - / - / - / - / - / -	FY 20  Qty (Eac Total Cost  0 /	ch) / t (\$ M ) / 0.000 / - / - / - / - / - / - / - / - / - / -	FY 201 Base     Qty (Each     Total Cost (3)	14	FY 2014 OCO Oty (Each) / rat Cost (\$ M ) - / - - / -	FY 2014 Total Qty (Each) / Total Cost (\$ N	Otty Total	/ (Each) / Cost (\$ M )  0 / 0.000  - / / / / / / / / / / -	FY 2016  Qty (Each) / Total Cost (\$ M )  0 / 0.000  - / -  - / -  - / -  - / -  - / -  - / -  - / -  - / -  - / -	FY 20'  Oty (Eacl Total Cost (	h) / (\$ M ) 0.000 / - / - / - / - / - / - / - / - / -	Oty (Eac Total Cost	ch) / (\$ M ) / (0.000 / - / - / - / - / - / - / - / - / -	Complet	/ M) To	Qty (Eac otal Cost ( 0 / - - - - - -

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Exhibit P-3A, Indiv	idual Modific	ation: PB 2	014 Army								Date: A	pril 2013		
Appropriation / Bu 2033A: Procuremer Other Combat Vehi Combat Veh	nt of W&TCV,	Army / BA 0	2: Weapon	s and	<b>P-1 Line Item I</b> GZ1290 - M249			n M0	ODS		(Modific Title):	ation Nome ation Numb	er - Modific	
Models of System Gun	s Affected: M	249 SAW N	lachine	Type M	odification: In	creased	d Performan	се		Related RI	OT&E PEs:			
Manufacturer Informat	on: Light Weigh	t Ground Mou	nt/Drop-in Mo	ount Cradl	le									
Manufacturer Name: N/A	١					N	//anufacturer Lo	catior	n: N/A					
Administrative Leadtime	(in Months): 6					Р	Production Lead	time (	(in Months): 3					
Dates	FY 201	12	FY 2013		FY 2014		FY 201	5		FY 2016	F	Y 2017	FY	2018
Contract Dates	Mar 20	12	Mar 2013	3	Mar 2014		Mar 201	5	ı	Mar 2016	М	ar 2017		
Delivery Dates	Jun 20	12	Jun 2013	3	Jun 2014		Jun 201	5		Jun 2016	Ju	ın 2017		
Installation: Light Weig	nt Ground Mount/	Drop-in Mount	Cradle	Method o	of Implementation	ı: Installe	d by Troops			Installation N	lame:			
		Prior Years	FY 2012	FY 201	FY 2014 3 Base	FY 20 OCC	-		FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total
Installation Cost		Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) Total Cost (\$		Qty (Eac Total Cost			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	0.000 0 / 0.000	-	/ - 0/0	0.000	0 / 0.000	0 / 0.000	0 / 0.000	0 / 0.000	0 / 0.000	0 / 0.000
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	Prior Years	FY 2012	FY 2013	Base	oco	Total	FY 2015	FY 2016	FY 2017	FY 2018	Complete	Total
Installation Cost	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M )	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M )	Qty (Each) / Total Cost (\$ M)	Qty (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 Schodule	·											

#### Installation Schedule

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			FY 2	2012			FY 2	2013			FY 2	2014			FY 2	2015			FY 2	2016			FY 2	2017			FY 2	018			
	APY	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	тс	Tot
In	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
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Exhibit P-3A, Indivi	dual Modific	ation: PB 2	2014 Army							Date: A	pril 2013		
Appropriation / Bud 2033A: Procuremen Other Combat Vehic Combat Veh	t of W&TCV,	Army / BA 0	)2: Weapon	s and GZ	<b>Line Item</b> (1290 - M24)			10DS		(Modific		<b>enclature</b> per - Modific Machine Gu	
Models of Systems Gun	Affected: M	249 SAW N	lachine	Type Mod	lification: In	creased Pe	erformance		Related R	DT&E PEs:	!		
Manufacturer Information	n: 200rd/Feedb	ox Spt Impro	vement Kit										
Manufacturer Name: N/A						Manu	facturer Locati	on: N/A					
Administrative Leadtime	(in Months): 6					Produ	ıction Leadtime	e (in Months): 9	)				
Dates	FY 201	12	FY 2013		FY 2014		FY 2015		FY 2016	F	Y 2017	FY	2018
Contract Dates	Mar 20	12	Mar 2013	3	Mar 2014								,
Delivery Dates	Dec 20	12	Dec 2013	3	Dec 2014								
Installation: 200rd/Feed	oox Spt Improver	ment Kit	T	Method of I	mplementation	, , , , , , , , , , , , , , , , , , ,	<u>'</u>	T	Installation N	Name:	T		
		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
Installation Cost		Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M )	Qty (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 / 0.00
FY 2012		0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
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FY 2014		0 / 0.000		- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2015		0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -

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			FY 2	2012			FY 2	2013			FY 2	2014			FY 2	2015			FY 2	2016			FY 2	2017			FY 2	018			
	APY	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	тс	Tot
In	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
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Exhibit P-40, Budget Item Justification Sheet: PB 2014 Army

Date: April 2013

Appropriation / Budget Activity / Budget Sub Activity:

P-1 Line Item Nomenclature:

2033A: Procurement of W&TCV, Army / BA 02: Weapons and Other Combat

GZ1300 - M240 Medium Machine Gun MODS

Vehicles / BSA 20: Mod Of Weapons And Other Combat Veh

Program Elements for Code B Items:

Other Related Program Elements:

MDAP/MAIS Code(s):

ID Code (A=Service Ready, B=Not Service Ready) ; A

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 Sum	mary rows are fo	or informational p	urposes only. Th	ne corresponding	budget request	s are documente	ed elsewhere.)	•		
Initial Spares (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-

Flyaway Unit Cost (Units in Thousands)

#### **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 Sched	dule		Р	rior Year	rs		FY 2012	!		FY 2013		FY	′ 2014 Ba	se	FY	2014 O	co	FY	2014 To	tal
Item Nomenclature*	Exhibits	ID CD	Unit Cost	Qty (Each)	Total Cost	Unit Cost	Qty (Each)	Total Cost	Unit Cost	Qty (Each)	Total Cost (\$ M)	Unit Cost	Qty (Each)	Total Cost	Unit Cost	Qty (Each)	Total Cost	Unit Cost	Qty (Each)	Total Cost
TBD - M240 Series System Improvements	РЗА		-	-	71.762	-	-	15.718	-	-	6.806	-	-	2.719	-	-	-	-	-	2.719
Total Gross/Weapon System Cost					71.762			15.718			6.806			2.719			-			2.719

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<sup>&</sup>lt;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

Exhibit P-40, Budget Item Justification Sheet: PB 2014 Army	Date: April 2013
Appropriation / Budget Activity / Budget Sub Activity:	P-1 Line Item Nomenclature:
2033A: Procurement of W&TCV, Army / BA 02: Weapons and Other Combat	GZ1300 - M240 Medium Machine Gun 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):

Item Sche	dule			FY 2015			FY 2016			FY 2017			FY 2018		To	Comple	te		Total	
Item Nomenclature*	Exhibits	ID CD	Unit Cost	Qty (Each)	Total Cost	Unit Cost	Qty (Each)	Total Cost (\$ M)												
TBD - M240 Series System Improvements	P3A		-	-	5.885	-	-	5.568	-	-	4.847	-	-	5.000		Continuing			Continuing	
Total Gross/Weapon System Cost					5.885			5.568			4.847			5.000		Continuing			Continuing	

<sup>\*</sup>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.

Vehicles / BSA 20: Mod Of Weapons And Other Combat Veh

#### Justification:

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.

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-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			Modification Nomenclature (Modification Number - Modification Title): TBD - M240 Series System Improvements
Models of Systems Affected: M240 Medium Machine Type	Modification: Installed by Troops	Related RDT	&E PEs:

Gun			,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,									
Resource Summary	Prior Years	FY 2012	FY 2013 <sup>#</sup>	FY 2014 Base	FY 2014 OCO##	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 Sum	mary rows are fo	r informational p	ourposes only. T	he corresponding	budget request	s are documente	ed elsewhere.)	•		
Initial Spares (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost	-	_	_	-	_	_	-	_	-	_	_	_

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

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

Exhibit P-3A, Individual Modification: PB 2014 ArmyAppropriation / Budget Activity / Budget Sub Activity:<br/>2033A: Procurement of W&TCV, Army / BA 02: Weapons and<br/>Other Combat Vehicles / BSA 20: Mod Of Weapons And Other<br/>Combat VehP-1 Line Item Nomenclature:<br/>GZ1300 - M240 Medium Machine Gun MODSModification Nomenclature<br/>(Modification Number - Modification<br/>Title):<br/>TBD - M240 Series System<br/>Improvements

Models of Systems Affected: M240 Medium Machine Type Modification: Installed by Troops Gun

Related RDT&E PEs:

	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
Financial Plan	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M )	Qty (Each) / Total Cost (\$ M )	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ N							
Procurement												
M240 Series System Improvements												-
B Kits												
Recurring												
Hardware	33,175 / 68.700	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	33,175 / 68.70
Bipods	0 / 0.000	4,700 / 2.600	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	4,700 / 2.60
Collapsible Buttstock	0 / 0.000	5,700 / 4.400	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	5,700 / 4.40
Improved Buffer	0 / 0.000	22,000 / 5.900	12,196 / 3.300	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	34,196 / 9.20
Improved Rails	0 / 0.000	- / -	- / -	- / -	- / -	- / -	21,000 / 3.121	13,000 / 2.000	14,196 / 2.200	- / -	- / -	48,196 / 7.32
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 / 14.32
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 / 0.75
Engineering Support	0 / 1.600	- / 1.500	- / 0.900	- / 0.400	- / -	- / 0.400	- / 0.400	- / 0.268	- / 0.300	- / 0.270	- / -	- / 5.63
Integrated Logistical Support	0 / 0.500	- / 0.600	- / 0.500	- / 0.049	- / -	- / 0.049	- / 0.200	- / -	- / 0.100	- / 0.100	- / -	- / 2.04
Fielding	0 / 0.962	- / 0.718	- / 0.606	- / 0.100	- / -	- / 0.100	- / 0.364	- / 0.200	- / 0.147	- / 0.230	- / -	- / 3.32
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	- / -	143,267 118.30
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	- / -	143,267 118.30
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	- / -	143,267 118.30
Total Procurement and Support	71.762	15.718	6.806	2.719	-	2.719	5.885	5.568	4.847	5.000	-	118.30
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	-	118.30

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Exhi	ibit P	-3 <b>A</b> , I	Indiv	idual	Modif	icatio	n: PE	3 201	4 Army											Da	te: A	pril 201	.3				
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<b>Mod</b> Gun		f Sys	stems	Affe	cted:	M240	Medi	um N	/lachine	Туре	Modi	ification:	nstalled	d by Tr	oops			Rela	ted RI	DT&E	PEs:						
Manu	ıfacture	er Info	ormatio	on: M2	40 Seri	es Sys	tem In	prove	ements																		
Manu	ıfacture	r Nam	ne: N/A											Manufa	cturer Loca	tion: N/A	A										
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Contr	act Dat	tes			Mar	2012			Mar 20	13		Mar 2014			Mar 2015			Mar 20	16		M	ar 2017			Mar	2018	_
Delive	ery Date	es			Oct 2	2012			Oct 201	3		Oct 2014			Oct 2015			Oct 20	16		0	ct 2017			Oct	2018	
nstal	llation:	: M240	0 Serie:	s Syste	m Impr	ovemer	nts			Metho	d of Im	nplementatio	n: Instal	led by Tr	roops			Instal	lation N	lame:							
Instal	llation:	: M240	0 Serie	s Syste	m Impr	ovemer	nts			Metho	d of Im	nplementatio	_					Instal	lation N	lame:				Tr	<u> </u>		_
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	llation:		0 Serie:	s Syste	m Impr	Pric		/ (	FY 2012 Qty (Each) /	FY 2	2013 Each) /	FY 2014	FY 2 OC Qty (E	2014 CO	FY 2014	Qty	' 2015 (Each) / Cost (\$ M)	FY :			ach) /	FY 20 Qty (Eac	ch) /		olete	Total Cos	ac
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Instal All Prior FY 2012 FY 2014 FY 2014 FY 2016 FY 2016 FY 2017 FY 2016 FY 2016 FO Com Total	Illation or Years 2 3 4 5 6 7 8 mplete	Cost	dule	2012 3	m Impr	Pric	or Yea y (Each) / Cost (\$ 0 / 0.4 0 / 0.4 0 / 0.4 0 / 0.4 0 / 0.4 0 / 0.4 0 / 0.4	7	Qty (Each) / tal Cost (\$ M	FY 2 Qty (E ) Total Co 0	2013  ach) / st (\$ M)  0 / 0.000  / - / - / - / - / - / - / - / - / - /	FY 2014 Base  Qty (Each) / Total Cost (\$ M	FY 2 OC Otype Otyp	2014 CO ::ach) / sst (\$M) : sst (\$M) : - / - / - / - / - / - / - / - / - / -	FY 2014 Total Qty (Each) / Total Cost (\$ M	Qty ) Total C	(Each) / Cost (\$ M ) 0 / 0.000 -	FY : Qty (I Total Co	2016 Each) / pst (\$ M) 0 / 0.000 - / / / / / / / / / / -	FY 2 Qty (Ea Total Coss	ach) / st (\$ M) / o.000 / / - / - / - / - / - / - / - /	Oty (Eac Total Cost Total Cost O / Cost	ch) / ( (\$ M ) / 0.000 / - / - / - / - / - / - / - / - / -	Comp Oty (E: Total Cos	Diete ach) / st (\$ M ) 0 / 0.000 / - / - / - / - / - / - / - / - / - / -	Qty (E: Total Cost	act of the state o
Instal All Prior FY 2012 FY 2014 FY 2014 FY 2016 FY 2016 FY 2016 FY 2016 TO Com Total	Illation r Years 2 3 4 5 6 7 8 nplete	Scheo	dule FY	2012		Prio Ott	or Yea  y (Each) / Cost (\$ 0 / 0.0 0 / 0.0 0 / 0.0 0 / 0.0 0 / 0.0 0 / 0.0 0 / 0.0 0 / 0.0 0 / 0.0 FY 2	7 701 0000 0000 0000 0000 0000 0000 0000 0000 0000 0000 0000 0000 0000	Qty (Each) / tal Cost (\$ M	FY 2  Oty (E)  Total Co  -  -  -  FY  FY	2013 iach) / st (\$ M) 0 / 0.000 / - / - / - / - / - / - / -	FY 2014 Base Qty (Each) / Total Cost (\$ M,	FY 2 OC	2014 CO Each) / st (\$ M) / - / - / - / - / - / - / - / - / - /	FY 2014 Total Qty (Each) / Total Cost (\$ M	Oty Total C	(Each) / Cost (\$ M ) 0 / 0.000 - / / / / / / / / / / / -	FY : Qty (I Total Co	2016 Each) / pst (\$ M) 0 / 0.000 - / / / / / / / / / / -	FY 2 Qty (Ea Total Coss Co Coss Co Coss Co Coss Co Coss Co Coss Co Coss	ach) / st (\$ M) / o.000 / / - / - / - / - / - / - / - /	Oty (Eac Total Cost Total Cost O / Cost	ch) / ((\$ M) / (0.000 / - / - / - / - / - / - / - / - / -	Comp Oty (E: Total Cos  Cos	Diete  ach) / st (\$ M )  0 / 0.000  / -  / -  / -  / -  / -  / -  / -	Qty (E: Total Cos	0 /

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P-1 Line #30

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Exhibit P-40, Budget Item Justification Sheet: PB 2014 Army

Date: April 2013

Appropriation / Budget Activity / Budget Sub Activity:

P-1 Line Item Nomenclature:

2033A: Procurement of W&TCV, Army / BA 02: Weapons and Other Combat

GZ1500 - Sniper Rifles Modifications

Vehicles / BSA 20: Mod Of Weapons And Other Combat Veh

Program Elements for Code B Items: 0604601A

Other Related Program Elements:

MDAP/MAIS Code(s):

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

	Prior			FY 2014	FY 2014	FY 2014					То	
Resource Summary	Years	FY 2012	FY 2013 <sup>#</sup>	Base	OCO##	Total	FY 2015	FY 2016	FY 2017	FY 2018	Complete	Total
Procurement Quantity (Units in Each)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost (\$ in Millions)	20.900	1.994	14.113	7.017	-	7.017	2.018	2.019	2.053	3.986	Continuing	Continuing
Less PY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (\$ in Millions)	20.900	1.994	14.113	7.017	-	7.017	2.018	2.019	2.053	3.986	Continuing	Continuing
Plus CY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (\$ in Millions)	20.900	1.994	14.113	7.017	-	7.017	2.018	2.019	2.053	3.986	Continuing	Continuing
	(The following	g Resource Sum	nmary rows are fo	or informational p	ourposes only. Ti	ne corresponding	g budget request	s are documente	ed elsewhere.)	•	•	
Initial Spares (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Flyaway Unit Cost (Units in Thousands)	-	-	-	-	-	-	-	-	-	-	-	-

### **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 Sche	dule		Р	rior Yea	rs		FY 2012	•	•	FY 2013		FY	' 2014 Ba	se	FY	′ 2014 O	co	FY	′ 2014 To	tal
Item Nomenclature*	Exhibits	ID CD	Unit Cost	Qty (Each)	Total Cost	Unit Cost	Qty (Each)	Total Cost	Unit Cost	Qty (Each)	Total Cost	Unit Cost	Qty (Each)	Total Cost (\$ M)	Unit Cost	Qty (Each)	Total Cost	Unit Cost	Qty (Each)	Total Cost
TBD - SNIPER RIFLES MODIFICATIONS (GZ1500)	P3A		-	-	20.900	-	-	1.994	-	-	14.113	-	-	7.017	-	-	-	-	-	7.017
Total Gross/Weapon System Cost					20.900			1.994			14.113			7.017			-			7.017

LI GZ1500 - Sniper Rifles Modifications Army

<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

Exhibit P-40, Budget Item Justification Sheet: PB 2014 Army	Date:	e: April 2013
Appropriation / Budget Activity / Budget Sub Activity:	P-1 Line Item Nomenclature:	

2033A: Procurement of W&TCV, Army / BA 02: Weapons and Other Combat Vehicles / BSA 20: Mod Of Weapons And Other Combat Veh

GZ1500 - Sniper Rifles Modifications

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 Sche	dule			FY 2015			FY 2016			FY 2017			FY 2018		To	Comple	te		Total	
Item Nomenclature*	Exhibits	ID CD	Unit Cost	Qty (Each)	Total Cost	Unit Cost	Qty (Each)	Total Cost (\$ M)	Unit Cost	Qty (Each)	Total Cost (\$ M)	Unit Cost	<b>Qty</b> (Each)	Total Cost	Unit Cost	Qty (Each)	Total Cost	Unit Cost	<b>Qty</b> (Each)	Total Cost
TBD - SNIPER RIFLES MODIFICATIONS (GZ1500)	P3A		-	-	2.018	-	-	2.019	-	-	2.053	-	-	3.986		Continuing			Continuing	
Total Gross/Weapon System Cost					2.018			2.019			2.053			3.986		Continuing			Continuing	ı

<sup>\*</sup>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 \$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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Exhibit P-3A, Individual Modification: PB 2014 Army		Date: April 2013
1 1 1 5 7 5 7	P-1 Line Item Nomenclature: GZ1500 - Sniper Rifles Modifications	Modification Nomenclature (Modification Number - Modification Title): TBD - SNIPER RIFLES MODIFICATIONS (GZ1500)
Models of Systems Affected: M14 EBR (GZ2801), Type N	Modification: Increased Performance	Related RDT&E PEs:

M110 SASS (G01505), M107 LRSR (G01500), M24 SWS (G04200), and XM2010 ESR (GZ1500)

e Modification: Increased Performance Related RDT&E PEs:
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	,											
Resource Summary	Prior Years	FY 2012	FY 2013 <sup>#</sup>	FY 2014 Base	FY 2014 OCO##	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)	20.900	1.994	14.113	7.017	-	7.017	2.018	2.019	2.053	3.986	Continuing	Continuing
Less PY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (\$ in Millions)	20.900	1.994	14.113	7.017	-	7.017	2.018	2.019	2.053	3.986	Continuing	Continuing
Plus CY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (\$ in Millions)	20.900	1.994	14.113	7.017	-	7.017	2.018	2.019	2.053	3.986	Continuing	Continuing
	(The following	g Resource Sum	mary rows are fo	or informational p	ourposes only. Ti	he corresponding	g budget request	s are documente	ed elsewhere.)			
Initial Spares (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
											1	

Gross/Weapon System Unit Cost (Units in Thousands)

## **Description:**

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.

Development Status/Major Development Milestones										
Date	Title	Description								
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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<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

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  Combat	Exhibit P-3A, Individual Modification: PB 2014 Army		Date: April 2013
	2033A: Procurement of W&TCV, Army / BA 02: Weapons and Other Combat Vehicles / BSA 20: Mod Of Weapons And Other	GZ1500 - Sniper Rifles Modifications	(Modification Number - Modification Title): TBD - SNIPER RIFLES

Models of Systems Affected: M14 EBR (GZ2801), M110 SASS (G01505), M107 LRSR (G01500), M24 SWS (G04200), and XM2010 ESR (GZ1500)

Type Modification: Increased Performance

Related RDT&E PEs:

				FY 2014	FY 2014	FY 2014					То	
	Prior Years	FY 2012	FY 2013	Base	000	Total	FY 2015	FY 2016	FY 2017	FY 2018	Complete	Total
Financial Plan	Qty (Each) /	Qty (Each) /	Qty (Each) /	Qty (Each) / Total Cost (\$ M)	Qty (Each) /							
Procurement	Total Cost (\$ M )	Total Cost (\$ M )	Total Cost (\$ M )	Total Cost (\$ M )	Total Cost (\$ M )	Total Cost (\$ M )	Total Cost (\$ M )	Total Cost (\$ M )	Total Cost (\$ M )			
M110 Compact												_
B Kits												_
Recurring												1
M110 Compact	0 / 0.000	- / -	800 / 6.200	736 / 5.818	- / -	736 / 5.818	167 / 1.316	166 / 1.313	161 / 1.270			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
Subtotal Recurring	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
Total, M110 Compact	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
Subtotal Recurring	0 / 0.000	- / -	600 / 6.600	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	600 / 6.600
Total, M107 to M107A1 Upgrade	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
Subtotal Recurring	2,270 / 20.900	- /0.100	- /0.100	- /0.100	- / -	- /0.100	- / -	- / -	- / -	- / -	- / -	2,270 / 21.200
Total, M24 SWS to XM2010 ESR	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
Subtotal Recurring	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

LI GZ1500 - Sniper Rifles Modifications Army

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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	· ·	Modification Nomenclature (Modification Number - Modification Title): TBD - SNIPER RIFLES MODIFICATIONS (GZ1500)

Models of Systems Affected: M14 EBR (GZ2801), M110 SASS (G01505), M107 LRSR (G01500), M24 SWS (G04200), and XM2010 ESR (GZ1500)

Type Modification: Increased Performance

Related RDT&E PEs:

				FY 2014	FY 2014	FY 2014					То	
	Prior Years	FY 2012	FY 2013	Base	oco	Total	FY 2015	FY 2016	FY 2017	FY 2018	Complete	Total
Financial Plan	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M )	Qty (Each) / Total Cost (\$ M )	Qty (Each) / Total Cost (\$ M)								
Total, Sniper Upgrades and Accessories	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
Total Procurement, All Modifications	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
Total Procurement and Support	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	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
Total Installation Cost	0 / 0.000	300 / -	1,390 / -	2,348 / -	- / -	2,348 / -	450 / -	167/ -	164/ -	261 / -	180 / -	5,260 / -
Total Cost (Procurement + Support + Installation)	20.900	1.994	14.113	7.017	-	7.017	2.018	2.019	2.053	3.986	-	54.100

Exhibit P-3A, Individual Modification: PB 2014 Army		Date: April 2013
	P-1 Line Item Nomenclature: GZ1500 - Sniper Rifles Modifications	Modification Nomenclature (Modification Number - Modification Title): TBD - SNIPER RIFLES MODIFICATIONS (GZ1500)
Models of Systems Affected: M14 EBR (GZ2801), Type M	Modification: Increased Performance	Related RDT&E PEs:

M110 SASS (G01505), M107 LRSR (G01500), M24 SWS (G04200), and XM2010 ESR (GZ1500)

Manufacturer Information	on: M110 Compact						
Manufacturer Name: TBI	)			Manufacturer Location: TE	BDF		
Administrative Leadtime	(in Months): 6			Production Leadtime (in M	fonths): 4		
Dates	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018
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

Installation: M110 Compact			Method of Im	plementation	: Installed by	Contractor		Installation N	lame:			
	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
Installation Cost	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M )	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M )	Qty (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	- / -	300 / -	500 / -	- / -	500 / -	- / -	- / -	- / -	- / -	- / -	800 / -
FY 2014	0 / 0.000	- / -	- / -	368 / -	- / -	368 / -	368 / -	- / -	- / -	- / -	- / -	736 / -
FY 2015	0 / 0.000	- / -	- / -	- / -	- / -	- / -	82 / -	85 / -	- / -	- / -	- / -	167 / -
FY 2016	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	82 / -	84 / -	- / -	- / -	166 / -
FY 2017	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	80 / -	81 / -	- / -	161 / -
FY 2018	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	180 / -	180 / -	360 / -
To Complete	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
Total	0 / 0.000	- / -	300 / -	868 / -	- / -	868 / -	450 / -	167 / -	164 / -	261 / -	180 / -	2,390 / -

## Installation Schedule

			FY 2	2012			FY 2	2013			FY 2	014			FY 2	015			FY 2	2016			FY 2	017			FY 2	018			
	APY	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	TC	Tot
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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					011	OLAGO!							
Exhibit P-3A, Individ	dual Modificatio	n: PB 2	014 Army							Date: A	pril 2013		
Appropriation / Bud 2033A: Procurement Other Combat Vehicl Combat Veh	of W&TCV, Arm	ıy / BA 0	2: Weapons	s and G	<b>-1 Line Item</b> Z1500 - Snip					(Modific Title): TBD - S	cation Nome cation Numb SNIPER RIF CATIONS (	e <i>r - Modifica</i> LES	ation
Models of Systems M110 SASS (G01508 SWS (G04200),and	5), M107 LRSR (	(G01500		Type Mo	dification: In	creased f	Performance		Related R	DT&E PEs:	1		
Manufacturer Informatio	n: M107 to M107A1	Upgrade											
Manufacturer Name: N/A						Mar	ufacturer Location	on: N/A					
Administrative Leadtime (i	n Months): 6					Pro	duction Leadtime	e (in Months): 4	1				
Dates	FY 2012		FY 2013		FY 2014		FY 2015		FY 2016	F	Y 2017	FY	2018
Contract Dates			Mar 2013	,									
Delivery Dates			Jul 2013										
Installation: M107 to M10	97A1 Upgrade			Method of	Implementation	n: Installed b	y Contractor		Installation N	Name:			
	Pric	or 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
Installation Cost		y (Each) / I Cost (\$ M )	Qty (Each) / Total Cost (\$ M )	Qty (Each) / Total Cost (\$ M		Qty (Each) / Total Cost (\$ /		Qty (Each) / Total Cost (\$ M)	Qty (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 / 0.0	00 0 / 0.000	- / -	0 / 0.000	0 / 0.000	0 / 0.000	0 / 0.000	0 / 0.000	0 / 0.000	0 / 0.00
FY 2012		0 / 0.000	- / -	- / -		- / -		- / -	- / -	- / -	- / -	- / -	- / -
FY 2013		0 / 0.000	- / -	200 / -		- / -		- / -	- / -	- / -	- / -	- / -	600 / -
FY 2014		0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -

l			
Instal	lation	Scho	dud

FY 2015

FY 2016

FY 2017

FY 2018

Total

To Complete

			FY 2	2012			FY 2	2013			FY 2	2014			FY	2015			FY 2	2016			FY 2	2017			FY 2	2018			
	APY	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	тс	Tot
In	-	-	-	-	-	-	-	200	200	200	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	600
Out	-	-	-	-	-	-	-	-	200	200	200	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	600

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LI GZ1500 - Sniper Rifles Modifications Army

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Exhibit P-3A, Indiv	idual Modific	ation: PB 2	2014 Army							Date: A	pril 2013		
Appropriation / Bu 2033A: Procurement Other Combat Vehi Combat Veh	nt of W&TCV,	Army / BA (	)2: Weapon	s and G	<b>P-1 Line Item</b> I GZ1500 - Snipe					(Modific Title): TBD - S	ation Nom ation Numb NIPER RIF CATIONS (	per - Modific	ation
Models of System M110 SASS (G015 SWS (G04200),and	05), M107 LR	SR (G01500	D), M24	Туре Мо	odification: In	creased P	erformance		Related R	DT&E PEs:			
Manufacturer Informat	ion: M24 SWS to	XM2010 ESR							1				
Manufacturer Name: Re	mington					Manu	ufacturer Location	on: Madison, N	NC				
Administrative Leadtime	(in Months): 6					Prod	uction Leadtime	(in Months):	4				
Dates	FY 20°	12	FY 2013		FY 2014		FY 2015		FY 2016	F	Y 2017	FY	2018
Contract Dates													
Delivery Dates													
Installation: M24 SWS	to XM2010 ESR			Method of	f Implementation	ı: Installed by	y Contractor		Installation I	Name:			
		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
Installation Cost		Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M )	Qty (Each) I Total Cost (\$ I		Qty (Each) / Total Cost (\$ M	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M )	Qty (Each) / Total Cost (\$ M )	Qty (Each) / Total Cost (\$ M )	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M

Installation: M24 SWS to XM2010 ESR			Method of Im	plementation	: Installed by	Contractor		Installation N	lame:			
	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
Installation Cost	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M )	Qty (Each) / Total Cost (\$ M )	Qty (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 / -

# Installation Schedule

			FY 2	2012			FY 2	2013			FY 2	014			FY 2	2015			FY 2	2016			FY 2	2017			FY 2	018			
	APY	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	тс	Tot
In	-	-	-	300	170	240	240	240	240	240	300	300	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2,270
Out	-	-	-	-	300	170	240	240	240	240	240	300	300	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2,270

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Exh	ibit P	-3A, I	Indivi	idual	Modif	icatio	n: PB	2014 A	rmy											Date	: Ap	ril 201	3				
2033 Othe	3A: Pr	ocure	ement	t of W	&TCV	, Arm	y / BA	Sub Ac 02: Wea /eapons	apon	s and		<b>Line Item</b>   500 - Snip								(Mod Title) TBD	<i>ifica</i> : - SN	tion N	lumbe RIFL	enclati er - Mo LES GZ150	odifica	ation	
M11	0 SAS	SS (G	0150	5), M		RSR (	G015	SZ2801) 00), M24 )		Type N	<b>M</b> odif	<b>fication:</b> In	crease	ed Perfo	ormance			Related	RDT	&E PE	Es:						
Manu	ufactur	er Info	rmatic	n: Sni	per Upç	grades	and A	cessorie	s																		
Manu	ıfacture	er Name	e: N/A										N	Manufac	turer Location	n: N/A											
Admi	nistrativ	ve Lead	dtime (	in Mon	ths): 6								F	Production	on Leadtime	(in Month	s): 3										
1	Da	ites			FY 2	012		FY	2013			FY 2014	İ		FY 2015			FY 2016			FY	2017			FY	2018	
Contr	ract Da	tes			Mar 2	2012		Ма	r 2013	3		Mar 2014		N	Mar 2015		N	/lar 2016			Mar	r 2017			Mar	2018	
						040		.lur	n 2013	,		Jun 2014	ĺ		Jun 2015			un 2016			Jun	2017			Jun	2018	
	ery Dat		er Upgr	ades a	Jun 2	essories				Method		plementation FY 2014	FY 20	ed by So	ldiers FY 2014			Installatio						То			
Insta	llation	: Snipe	er Upgr	ades a		Pric	or Years	FY 20 Qty (Ea	<b>012</b>	Method FY 20 Qty (Eac	13 ch) /	plementation FY 2014 Base Qty (Each) /	FY 20 OCC	ed by So 014 0	Idiers FY 2014 Total  Qty (Each) /	<b>FY 201</b> Qty (Each	5	FY 2010  Qty (Each)	<b>5</b>	<b>FY 201</b> 7 Qty (Each)	7	<b>FY 20</b> Qty (Eac	ch) /	Comp Qty (Ea	olete ach) /	<b>Tot</b> Qty (Ea	ach
Insta	llation	: Snipe	er Upgr	ades a		Pric	or Years	G FY 20 Oty (Ea ) Total Cos	<b>D12</b> ach) / t (\$ M)	FY 20  Qty (Eac	13 ch) / (\$ M)	plementation FY 2014 Base  Qty (Each) / Total Cost (\$ M )	FY 20 OCC Qty (Eac Total Cost	ed by So  014  0  ach) / t (\$M) To	Idiers FY 2014 Total Oty (Each) / otal Cost (\$ M)	Qty (Each Total Cost (	5 n)/ s M)	FY 2010  Qty (Each) Total Cost (\$	) / M) To	FY 2017 Qty (Each) tal Cost (\$	7 / M) 7	FY 20 Qty (Eac	ch) /	Qty (Ea	olete ach) / t (\$ M)	Tot Qty (Ea Total Cos	ach
Insta	Illation:	: Snipe	er Upgr	ades a		Pric	or Years	S FY 20 Qty (Ea Total Cos 0 0	<b>012</b>	FY 20  Qty (Eac	13 ch) / (\$ M)	plementation FY 2014 Base Qty (Each) /	FY 20 OCC Qty (Eac Total Cost	ed by So 014 0	Idiers FY 2014 Total  Qty (Each) /	Qty (Each Total Cost (	<b>5</b> h) / s M )	FY 2010  Qty (Each)	) / M) To	<b>FY 201</b> 7 Qty (Each)	7 / M ) 7	FY 20 Qty (Eac Total Cost	ch) /	Qty (Ea Total Cos	olete ach) /	Tot  Qty (Ea Total Cos	ach st (\$
Insta Insta	Illation:	: Snipe	er Upgr	ades a		Pric	Or Years / (Each) / Cost (\$ M	G FY 20  Oty (Ea  ) Total Cos  0 0  -	012 ach) / t (\$ M) / 0.000	Method  FY 20  Qty (Eac Total Cost of the	13 ch) / (\$ M) / 0.000 / -	plementation FY 2014 Base Qty (Each) / Total Cost (\$ M ) 0 / 0.000	FY 20 OCC Oty (Eac Total Cost	ed by So  014  0  ach) / t (\$M) To	Idiers FY 2014 Total Oty (Each) / otal Cost (\$ M) 0 / 0.000	Qty (Each Total Cost (	5 n) / \$ M )	FY 2010  Oty (Each)  Total Cost (\$	) / M) To 000	FY 2017 Qty (Each) tal Cost (\$ 0 / 0.	7 / M ) 7	FY 20  Oty (Eac	ch) / (\$ M ) / 0.000	Oty (Ea Total Cost	ach) / t (\$ M) / 0.000	Tot  Qty (Ea Total Cos	ach)
Insta Insta All Prio FY 201 FY 201 FY 201	Illation:	: Snipe	er Upgr	ades a		Pric	Or Years  / (Each) /  Cost (\$ M  0 / 0.00  0 / 0.00  - / -	FY 20 Oty (Ea Total Cos 0 0 0 - 0 -	012 ach) / t (\$ M) / 0.000 / - / -	Method  FY 20:  Qty (Eac Total Cost  0 /	13 ch) / (\$ M) / 0.000 / - / -	Plementation FY 2014 Base  Qty (Each) / Total Cost (\$ M )  0 / 0.000 - / / / -	FY 20 OCC Qty (Eac Total Cost	ed by So  014  0  choloh) /	Oldiers  FY 2014  Total  Oty (Each) / otal Cost (\$ M )  0 / 0.000  - / -  - / -  - / -	Qty (Each Total Cost ( 0 / 0 - /	5 n)/ \$ M) 0.000	FY 2010  Qty (Each)  Total Cost (\$  0 / 0  - /  - /  - /	, M) To 0000	FY 2017  Qty (Each) tal Cost (\$ 0 / 0.  - / - / - /	7 / M) 7 000	FY 20 Qty (Eac	ch) / (\$ M) / (0.000 / - / - / - / -	Comp  Qty (Ea Total Coss  0	Dete   ach) / t (\$ M)   / 0.000   / -   / -   / -	Tote Qty (Ea Total Coss 0	ach st (\$
Insta All Prio FY 201 FY 201 FY 201 FY 201	Illation: Illation or Years 12 13 14	: Snipe	er Upgr	ades a		Pric	Or Years (Each) / Cost (\$ M 0 / 0.00 0 / 0.00 - / / -	G FY 20 Oty (Ea Total Cos O O O O - O -	012 ach) / t (\$M) / 0.000 / - / - / -	Method  FY 20:  Qty (Eac Total Cost  0 /	113 (\$M) / (\$M) / (0.000 / - / - / - / - / - / - / - / - / -	Plementation FY 2014 Base  Qty (Each) / Total Cost (\$ M )  0 / 0.000 - / / / / -	FY 20 OCC Qty (Eac Total Cost	ed by So  014  0  ch() / r((SM)) 7c  / - / - / - / - / - / - / - / - / - /	Oldiers  FY 2014  Total  Oty (Each) / otal Cost (\$ M)  0 / 0.000  - / -  - / -  - / -  - / -	Qty (Each Total Cost ( 0 / 0 - / - / - /	5 D.000 - - -	FY 2010  Qty (Each)  Total Cost (\$  0 / 0  - /  - /  - /  - /	M) To 0000	FY 2017  Oty (Each)  tal Cost (\$ 0 / 0.  - /  - /  - /	7 (M) 7 (OOO)	FY 20 Qty (Eac Total Cost 0 /	ch) / (\$ M ) / (0.000 / - / - / - / - / - / - / - / - / -	Comp  Qty (Ea Total Coss 0	Dete   Ach   / (\$ M )   / (0.000   / -   / -   / -   / -   / -   / -   / -	Total Coss 0	ach st (\$ 0 / 0 / /
Insta Insta All Prio FY 201 FY 201 FY 201	illation: illation or Years 12 13 14 15 16	: Snipe	er Upgr	ades a		Pric	Or Years  / (Each) /  Cost (\$ M  0 / 0.00  0 / 0.00  - / -	G FY 20  Oty (Ea  Total Cos  O O  O -  O -  O -  O -  O -  O -	012 ach) / t (\$ M) / 0.000 / - / -	Method  FY 20:  Qty (Eac Total Cost  0 /	13 ch) / (\$ M) / (\$ M) / (\$ M ) / (	Plementation FY 2014 Base  Qty (Each) / Total Cost (\$ M )  0 / 0.000 - / / / -	FY 20 OCC Qty (Eac Total Cost	ed by So  014  0  choloh) /	Oldiers  FY 2014  Total  Oty (Each) / otal Cost (\$ M )  0 / 0.000  - / -  - / -  - / -	Qty (Each Total Cost ( 0 / 0 - /	5 n) / % M ) 0.000 - - -	FY 2010  Qty (Each)  Total Cost (\$  0 / 0  - /  - /  - /	6 / M) To 0000	FY 2017  Qty (Each) tal Cost (\$ 0 / 0.  - / - / - /	7 / M ) 7 0000	FY 20 Qty (Eac Total Cost 0 /	ch) / (\$ M) / (0.000 / - / - / - / -	Comp  Qty (Ea Total Cost  0	Dete   ach) / t (\$ M)   / 0.000   / -   / -   / -	Total Cos  Oty (Ea Total Cos  O	ach st (\$ ) / 0 /
Insta All Prio FY 201 FY 201 FY 201 FY 201 FY 201	Illation: Illation or Years 12 13 14 15 16 17	: Snipe	er Upgr	rades a		Pric	Or Years (Each) / Cost (\$ M 0 / 0.00 0 / 0.00 - / / / / -	G FY 20  Oty (Ea Total Cos  O O -  O -  -  -  -  -  -  -	012 ach) / t (\$ M) / 0.000 / - / - / - / - / - / -	Method  FY 20:  Qty (Eac Total Cost   0 /	13 ch) / (\$ M) / (\$ M) / (\$ M ) / (	Plementation FY 2014 Base  Oty (Each) / Total Cost (\$ M )  0 / 0.000 - / / / / / / / / / -	FY 20 OCC  Qty (Eac Total Cost	ed by So  014  0  ch) / -  / -  / -  / -  / -  / -  / -  / -	Oldiers  FY 2014  Total  Oty (Each) /  0 / 0.000  - / -  - / -  - / -  - / -  - / -  - / -  - / -  - / -  - / -  - / -	Qty (Each Total Cost (**) -	5 (3) (7) (8) (8) (9) (9) (9) (9) (9) (9) (9) (9) (9) (9	FY 2010  Cty (Each)  Total Cost (\$  0 / 0  - /  - /  - /  - /  - /  - /  -	) To 0000	FY 2017  Qty (Each) tal Cost (\$	7 // M ) 7 0000	FY 20 Qty (Eac Total Cost 0 /	ch) / (\$ M) / 0.000 / - / - / - / - / - / - / -	Comp  Oty (Ea Total Cos:  0		Total Cos  Oty (Ea Total Cos  O	ach) st (\$
Insta All Prio FY 201 FY 201 FY 201 FY 201 FY 201 FY 201 TO Con	Illation: Illation or Years 12 13 14 15 16 17 18	: Snipe	er Upgr	rades a		Pric	Or Years ( (Each) / (Cost (\$ M	FY 20 Oty (Ea Total Cos 0 0 0 0 - 0	012 ach) / t (\$ M) / 0.000 / - / - / - / - / - / - / - / - / - / -	Method   FY 20   Oty (Eac Total Cost   0 /	113 ch) / (\$ M) / (\$ M) / (\$ M) / (\$ O.000 / / - / / / - /	Plementation FY 2014 Base  Oty (Each) / Total Cost (\$ M )  0 / 0.000  - / -  - / -  - / -  - / -  - / -  - / -  - / -  - / -  - / -  - / -  - / -  - / -  - / -  - / -	FY 20 OCC  Qty (Eac Total Cost	ed by So  014  0  ch) / r  / -  / -  / -  / -  / -  / -  / -	Oldiers  FY 2014  Total  Oty (Each) /	Qty (Each Total Cost (**) -	5 1)/ 5 M) 0.000 - - - - -	FY 2011  Oty (Each)  Total Cost (\$ 0 / 0 - / - / - / - / - / - / - / - / - / - /	, / M) To 0000	FY 2017 Qty (Each) tal Cost (\$ 0 / 0 / - / - / - / - / - / - / - / - /	7 / M) 7 0000	FY 20 Qty (Eac Total Cost  0 /	ch) / (\$M) / 0.000 / - / - / - / - / - / - / - / - / -	Comp  Qty (Ea Total Coss  0		Total Cos  Oty (Ea Total Cos  Oty	ach (\$ (\$ ) / 0 / 0 / / / / / / / / / / / / / / /
Insta  All Prio FY 201 FY 201 FY 201 FY 201 FY 201 FY 201 TO Con Total	Illation: Illation Tyears 12 13 14 15 16 17 18 mplete	: Snipe		ades a		Pric	Or Years (Each) / Cost (\$ M 0 / 0.00 0 / 0.00 - / / / / -	FY 20 Oty (Ea Total Cos 0 0 0 0 - 0	012 ach) / t (\$ M) / 0.000 / - / - / - / - / - / -	Method   FY 20   Oty (Eac Total Cost   O /	113 ch) / (\$ M) / (\$ M) / (\$ M) / (\$ O.000 / / - / / / - /	Plementation FY 2014 Base  Oty (Each) / Total Cost (\$ M )  0 / 0.000 - / / / / / / / / / -	FY 20 OCC  Qty (Eac Total Cost	ed by So  014  0  ch) / -  / -  / -  / -  / -  / -  / -  / -	Oldiers  FY 2014  Total  Oty (Each) /  0 / 0.000  - / -  - / -  - / -  - / -  - / -  - / -  - / -  - / -  - / -  - / -	Qty (Each Total Cost (**) -	5 1)/ 5 M) 0.000 - - - - -	FY 2010  Cty (Each)  Total Cost (\$  0 / 0  - /  - /  - /  - /  - /  - /  -	, / M) To 0000	FY 2017  Qty (Each)  0 / 0.  - /  - /  - /  - /  - /  - /  - /	7 / M) 7 0000	FY 20 Qty (Eac Total Cost  0 /	ch) / (\$ M) / (0.000 / - / - / - / - / - / - / - / - / -	Comp  Qty (Ea Total Coss  0		Total Cos  Oty (Ea Total Cos  Oty	ach (\$ (\$ ) / 0 / 0 / / / / / / / / / / / / / / /
Insta  All Prio FY 201 FY 201 FY 201 FY 201 FY 201 FY 201 TO Con Total	Illation: Illation or Years 12 13 14 15 16 17 18	: Snipe	dule			Pric	Or Year: / (Each) / Cost (\$ M 0 / 0.00 0 / 0.00 - / / / / / / / - 0 / 0.00	S FY 20  Oty (Ea  Total Cos  O	012 ach) / t (\$ M) / 0.000 / - / - / - / - / - / - / - / - / - / -	Method  FY 20  Qty (Eac Total Cost)	113 ch) / (\$ M) 7 0.000 7 - 7 - 7 - 7 - 7 - 7 - 7 - 7 - 7 - 7 -	Plementation FY 2014 Base  Oty (Each) / Total Cost (\$ M )  0 / 0.000  - / -  - / -  - / -  - / -  - / -  - / -  - / -  - / -  - / -  - / -  - / -  - / -  - / -  - / -	FY 20 OCC  Qty (Eac Total Cost	ed by So  014  0  1ch) / -  / -  / -  / -  / -  / -  / -  / -	Oldiers  FY 2014  Total  Oty (Each) /	Qty (Each Total Cost (	5 5 S M) 0.0000 - - - - - -	FY 2011  Oty (Each)  Total Cost (\$ 0 / 0 - / - / - / - / - / - / - / - / - / - /	, / M) To 0000	FY 2017  Qty (Each) tal Cost (\$ 0 / 0 / - / - / - / - / - / - / - / - / - /	7 / M) 7 0000	FY 20 Qty (Eac Total Cost  0 /	ch) / (\$M) / (\$M) / (0.000 / - / - / - / - / - / - / - / - / -	Comp  Qty (Ea Total Coss  0		Total Cos  Oty (Ea Total Cos  Oty	ach; st (\$)
Insta Insta All Prio FY 201 FY 201 FY 201 FY 201 FY 201 TO Con Total	Illation: Illation Tyears 12 13 14 15 16 17 18 mplete	Cost Sched	dule	2012 3		Pric	Or Years ( (Each) / (Cost (\$ M	S FY 20  Oty (Ea  Total Cos  O	012 ach) / t (\$ M) / 0.000 / - / - / - / - / - / - / - / - / - / -	Method   FY 20   Oty (Eac Total Cost	113 ch) / (\$ M) 7 0.000 7 - 7 - 7 - 7 - 7 - 7 - 7 - 7 - 7 - 7 -	Plementation FY 2014 Base  Oty (Each) / Total Cost (\$ M )  0 / 0.000  - / -  - / -  - / -  - / -  - / -  - / -  - / -  - / -  - / -  - / -  - / -  - / -  - / -  - / -	FY 20 OCC  Qty (Eac Total Cost	ed by So  014  0    Control	Oldiers  FY 2014  Total  Oty (Each) /	Qty (Each Total Cost (**) -	5 5)/ )// 55M) 	FY 2011  Oty (Each)  Total Cost (\$ 0 / 0 - / - / - / - / - / - / - / - / - / - /	, / M) To 0000	FY 2017 Qty (Each) tal Cost (\$ 0 / 0 / - / - / - / - / - / - / - / - /	7 / M) 7 0000	FY 20 Qty (Eac Total Cost  0 /	ch) / (\$M) / (\$M) / (0.000 / - / - / - / - / - / - / - / - / -	Comp  Qty (Ea Total Coss  0		Total Cos  Oty (Ea Total Cos  Oty	ach (\$ (\$ ) / 0 / 0 / / / / / / / / / / / / / / /
Insta  All Prio FY 201 FY 201 FY 201 FY 201 FY 201 FY 201 TO Con Total	Illation: Illation or Years 12 13 14 15 16 17 18 Implete	Cost Sched	dule FY	2012	nd Acce	Prid Oth Total	Or Year: (Each) / Cost (\$ M 0 / 0.00 0 / 0.00 - / / / / - 0 / 0.00	G FY 20 Oty (Ea Total Cos 0 0 0 0 - 0 - 0 - 0 - 0 - 0 - 0 - 0	D12 ach) / t (\$ M) / 0.000 / - / - / - / - / - / - / - / - / - / -	Method   FY 20   Oty (Eac Total Cost	113 (\$ M) / (\$ M) / (0.000 / - / - / - / - / - / - / - / - / / / - / / / - / / / - / / / - / / / - / / / - / / / - / / / - / / / - / / / - / / / - / / / - / / / - / / / - /	Plementation FY 2014 Base  Qty (Each) / Total Cost (\$ M )  0 / 0.000 - / -	FY 20 OCC  Qty (Eac Total Cost	ed by So  014  0  ch) / r  / -  / -  / -  / -  / -  / -  / -	Oldiers  FY 2014 Total  Oty (Each) / otal Cost (\$ M)  0 / 0.000  - / -	Qty (Each Total Cost (	5 5 S M ) 5 S M ) - - - - -	FY 2010  Cty (Each)  Total Cost (\$  0 / 0  - /  - /  - /  - /  - /  - /  -	6 / M) To 0000	FY 2017  Qty (Each) tal Cost (\$ 0 / 0.  - / - / - / - / - / - / - / - / - / -	7 / M) 17 0000	FY 20 Qty (Eac Total Cost 0 /	ch) / (\$ M) / (\$ M) / (0.000 / - / - / - / - / - / - / - / - / -	Comp		Total Cos  O  -  -  -  -  -  -  -  -  -  -  -  -	ach (\$ (\$ (\$ ( ) ) / () / ( )

LI GZ1500 - Sniper Rifles Modifications Army

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Exhibit P-40, Budget Item Justification Sheet: PB 2014 Army		Date: April 2013
Appropriation / Budget Activity / Budget Sub Activity:	P-1 Line Item Nomenclature:	
2033A: Procurement of W&TCV, Army / BA 02: Weapons and Other Combat	GC0401 - M119 Modifications	

Vehicles / BSA 20: Mod Of Weapons And Other Combat Veh

GC0401 - M119 Modifications

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##	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)	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)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (\$ in Millions)	93.872	38.701	20.727	18.707	-	18.707	67.409	65.906	-		-	305.322
	(The following	Resource Sum	mary rows are fo	or informational p	urposes only. Th	ne corresponding	budget request	s are documente	ed elsewhere.)	*		
Initial Spares (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Flyaway Unit Cost (Units in Thousands)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost	-	-	-	-	-	-	-	-	-	-	-	-

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

# **Description:**

(Units in Thousands)

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.

Seco	ondary Di	stribution		FY 2012		FY 2013	3	FY 201 Base		FY 201 OCO		FY 20 <sup>-</sup> Tota		FY 20	)15	FY 20	)16	FY 2	017	FY 2	2018
Army	Quantit	y			-		-		-		-		-		-		-		-		-
	Total O	bligation Authority		24	.755	1	2.436		11.224		-		11.224		40.445		39.544		-		-
ANG	Quantit	у			-		-		-		-		-		-		-		-		-
	Total O	bligation Authority		13	3.946		8.291		7.483		-		7.483		26.964		26.362		-		-
	Item Sch	edule		Р	rior Year	s		FY 2012	!		FY 2013		FY	/ 2014 Ba	ase	FY	2014 O	co	FY	2014 To	tal
Item Non	menclature*	Exhibits	ID CD	Unit Cost	Qty (Each)	Total Cost	Unit Cost	Qty (Each)	Total Cost	Unit Cost	Qty (Each)	Total Cost	Unit Cost	Qty (Each)	Total Cost	Unit Cost	Qty (Each)	Total Cost	Unit Cost	Qty (Each)	Total Cost
M119 Mod	lifications	P3A		-	-	93.872	-	-	38.701	-	-	20.727	-	-	18.707	-	-	-	-	-	18.707

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

								UNG	CLASS	SIFIED	)									
Exhibit P-40, Bud	dget Item Ju	ıstifi	cation	Sheet:	PB 201	4 Army									Date	: April	2013			
2033A: Procurem	ent of W&TC	CV, A	rmy / B	A 02: V	Veapons	and Ot	her Co	mbat								-				
ID Code (A=Service Read	y, B=Not Service Re	ady) : <i>F</i>	4			Program	Elemen	ts for Cod	le B Items	s:			Oth	er Relate	d Prograi	m Eleme	ents:			
MDAP/MAIS Code(s)	:																			
Item Sche	edule		Р	rior Yea	rs		FY 2012	2		FY 2013	3	FY	2014 B	ase	FY	/ 2014 C	СО	FY	2014 To	otal
Item Nomenclature*	Exhibits	ID CD	Unit Cost	Qty (Each)	Total Cost (\$ M)	Unit Cost	Qty (Each)	Total Cost	Unit Cost	Qty (Each)	Total Cost	Unit Cost	Qty (Each)	Total Cost	Unit Cost	Qty (Each)	Total Cost (\$ M)	Unit Cost	Qty (Each)	Total Cos
Total Gross/Weapon System Cost	Opriation / Budget Activity / Budget Sub Activity:  A: Procurement of W&TCV, Army / BA 02: Weapons and Other Combat Seles / BSA 20: Mod Of Weapons And Other Combat Veh  Ide (A=Service Ready, B=Not Service Ready): A  Program Elements for Code B Items:  Other Related Program Selection of Service Ready (Selection of Service Ready): A  Other Related Program Selection of Service Ready (Selection of Service Ready): A  Program Elements for Code B Items:  Other Related Program Selection of Service Ready (Selection of Selection															-			18.70	
Item Sche	P-1 Line Item Nomenclature: GC0401 - M119 Modifications  Other Relate GC0401 - M119 Modifications  FY 2014 Base  Other Relate GC0401 - M119 Modifications  Other Relate GC0401 - M119 Modification  FY 2014 Base  Other Relate GC0401 - M119 Modification  FY 2014 Base  Other Relate GC0401 - M119 Modification  Other Relate GC0401 - M119 Modification  FY 2014 Base  Other Relate GC0401 - M119 Modification  FY 2014 Base  Other Relate GC0401 - M119 Modification  FY 2014 Base  Other Relate GC0401 - M119 Modification  FY 2014 Base  Other Relate GC0401 - M119 Modification  FY 2014 Base  Other Relate GC0401 - M119 Modification  FY 2014 Base  Other Relate GC0401 - M119 Modification  FY 2014 Base  Other Relate GC0401 - M119 Modification  FY 2014 Base  Other Relate GC0401 - M119 Modification  FY 2014 Base  Other Relate GC0401 - M119 Modi															Compl	lete		Total	
Item Nomenclature*	Exhibits															Qty (Each)	Total Cost	Unit Cost	Qty (Each)	Total Cos
M119 Modifications  Total Gross/Weapon System Cost	P3A		-	-		-	-	+	-	-		-	-		-	-	-	-	-	305.32 305.32
providing military su	ipport to civil au	thorie	S.																	

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Exhibit P-3A, Individual Modification: PB 2014 Army			Date: April 2013
Appropriation / Budget Activity / Budget Sub Activity:	P-1 Line Item Nomenclature:		Modification Nomenclature
2033A: Procurement of W&TCV, Army / BA 02: Weapons and	GC0401 - M119 Modifications		(Modification Number - Modification
Other Combat Vehicles / BSA 20: Mod Of Weapons And Other			Title):
Combat Veh			M119 Modifications
Modele of Contains Affordada M440A0 Havitan	Madifiantian.	Deleted DDT	OF DEa.

Models of Systems Affected: N	1119A2 How	/itzer	Type Modi	ification: -				Related R	DI&E PES:			
Resource Summary	Prior Years	FY 2012	FY 2013 <sup>#</sup>	FY 2014 Base	FY 2014 OCO##	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)	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)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (\$ in Millions)	93.872	38.701	20.727	18.707	-	18.707	67.409	65.906	-	-	-	305.322
	(The following	g Resource Sum	nmary rows are fo	or informational p	urposes only. Th	ne corresponding	budget request	s are documente	ed elsewhere.)	•	1	
Initial Spares (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost	-	-	-	-	-	-	-	-	-	-	-	-

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

#### **Description:**

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.

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

Exhibit P-3A, Individual Modification: PB 2014 Army		Date: April 2013
Appropriation / Budget Activity / Budget Sub Activity:	P-1 Line Item Nomenclature:	Modification Nomenclature
2033A: Procurement of W&TCV, Army / BA 02: Weapons and	GC0401 - M119 Modifications	(Modification Number - Modification
Other Combat Vehicles / BSA 20: Mod Of Weapons And Other		Title):
Combat Veh		M119 Modifications

Models of Systems Affected: M119A2	Howitzer	Type I	Modification	on: -			Re	lated RDT	&E PEs:			
	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
Financial Plan	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ /										
Procurement				'						'	'	'
M119 Modifications												
A Kits												
Recurring												
M119 Modifications	565 / 21.246	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	565 / 21.2
Subtotal Recurring	565 / 21.246	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	565 / 21.2
Total, M119 Modifications	565 / 21.246	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	565 / 21.2
Recoil Capability Package												•
A Kits												
Recurring												
Recoil System Upgrade	0 / 0.000	- / -	- / -	- / -	- / -	- / -	348 / 31.358	255 / 22.653	- / -	- / -	- / -	603 / 54.0
Subtotal Recurring	0/0.000	- / -	- / -	- / -	- / -	- / -	348 / 31.358	255 / 22.653	- / -	- / -	- / -	603 / 54.0
Total, Recoil Capability Package	0 / 0.000	- / -	- / -	- / -	- / -	- / -	348 / 31.358	255 / 22.653	- / -	- / -	- / -	603 / 54.0
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 / 172.0
Logistics & Fielding	0 / 3.644	- / 1.220	- /1.300	- /1.300	- / -	- /1.300	- /5.377	- / 6.947	- / -	- / -	- / -	- / 19.7
Program Management	0 / 5.100	- / 1.100	- /1.602	- / 1.603	- / -	- / 1.603	- / 1.604	- / 1.605	- / -	- / -	- / -	- / 12.6
System Engineering	0 / 0.000	- / -	- /3.360	- / 3.381	- / -	- / 3.381	- /4.496	- / 5.095	- / -	- / -	- / -	- / 16.3
Engineering Change Orders (ECO)	0 / 0.000	- / -	- /2.100	- /2.100	- / -	- /2.100	- /2.800	- / 2.300	- / -	- / -	- / -	- / 9.3
Subtotal Recurring	200 / 72.626	150 / 38.701	43 / 20.727	38 / 18.707	- / -	38 / 18.707	81 / 36.051	91 / 43.253	- / -	- / -	- / -	603 / 230.0
Total, Digitization	200 / 72.626	150 / 38.701	43 / 20.727	38 / 18.707	- / -	38 / 18.707	81 / 36.051	91 / 43.253	- / -	- / -	- / -	603 / 230.0
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 / 305.3.
Total Procurement and Support	93.872	38.701	20.727	18.707	-	18.707	67.409	65.906	-	-	-	305.3
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	-	-	_	305.32

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Exhibit P-3A, Indiv	vidual Modification: P	B 2014 Army				Date: April 2013	
2033A: Procuremer	idget Activity / Budge nt of W&TCV, Army / B cles / BSA 20: Mod Of	A 02: Weapons and	<b>P-1 Line Item No</b> GC0401 - M119 I			Modification Nome (Modification Number Title): M119 Modification	er - Modification
Models of Systems	s Affected: M119A2 H	owitzer <b>Type</b>	Modification: -		Related R	DT&E PEs:	
Manufacturer Informati	ion: M119 Modifications	·			·		
Manufacturer Name: Sei	iler Instrument & Manufactur	ing Company, Inc.		Manufacturer Location: S	t. Louis, MO		
Administrative Leadtime	(in Months): 7			Production Leadtime (in I	Months): 3		
Dates	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018
Contract Dates	Jun 2010						
Delivery Dates	Oct 2011						

Installation: M119 Modifications			Method of Im	plementation	n: -			Installation I	lame:			
	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
Installation Cost	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M )	Qty (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 / -

# Installation Schedule

		•••																													
			F۱	2012			FY 2	2013			FY 2	2014			FY 2	2015			FY 2	2016			FY 2	2017			FY 2	2018			
	AP	Y 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	TC	Tot
In	56	35 -	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	565
Out	56	35 -	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	565

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Exh	ibit P-	3A, I	Indiv	dual	Modi	ficati	on: PE	3 201	14 Army														Date:	Apr	il 2013	3				
203 Oth	3A: Pro	ocure nbat	emen	t of W	'&TC\	/, Arn	ny / B <i>A</i>	4 02:	<b>Activity</b> Weapon oons And	s and		<b>Line I</b> 0401 -				-							Modif (Modif Title): M1	icat	ion Nu	ımbe	er - M	-	ation	
Mod	dels of	Sys	tems	Affe	cted:	M119	9A2 H	owitz	er	Type I	Modi	ficatio	on: -							Re	lated F	RDT	&E PE	s:						
Manı	ufacture	er Info	rmatio	n: Re	coil Ca	pabilit	y Packa	age																						
Manı	ıfacturer	Nam	e: Vari	ous											Manuf	acture	er Location	on: Va	arious											
Admi	nistrativ	e Lea	dtime (	in Mon	ths):										Produ	ction L	_eadtime	(in M	/lonths):											
	Dat	es			FY	2012			FY 2013			FY 2	2014			FY	2015			FY 2	2016			FY 2	2017			FY	2018	
Cont	ract Date	es																												
Deliv	ery Date	es																												
	•																										-			
Insta	llation:	Reco	il Capa	bility P	ackage	•				Method	l of Im	plemer	ntation	: Orga	nic Feil	d Insta	allation			Ins	tallation	Nam	e:							
						Pr	ior Yea	rs	FY 2012	FY 20	013	FY 2 Bas			2014 CO		2014 otal	FY	Y 2015	F	Y 2016	F	Y 2017		FY 201	18	T Com		Тс	otal
Insta	llation (	Cost										Qty (Ea			Each) / ost (\$ M )		(Each) / Cost (\$ M )		y (Each) / Cost (\$ M)		y (Each) / I Cost (\$ M ,		ty (Each) / al Cost (\$ N		Qty (Each		Qty (E Total Co	ach) / st (\$ M )		(Each) /
All Pric	Prior Years   FY 2012   FY 2013   B.													-	/ -		0 / 0.000		0 / 0.000		0 / 0.000	0	0 / 0.0	00	0 / 0	0.000	1	0.000		0 / 0.00
FY 20	12						- /	-	- / -	-	/ -	-	/ -	-	/ -		- / -		- / -		- / -		- / -		- /	/ -	-	/ -		- / -
FY 20							- /	_	- / -		/ -		/ -		/ -		- / -		- / -	-	- / -		- / -	_	- /	_		/ -		- / -
FY 20							- /		- / -		/ -		/ -		/ -		- / -		- / -	-	- / -		- / -	_	- /			/ -		- / -
FY 20							- / -	_	- / -		/ -		/ -		/ -		- / -		- / -	-	- / -		- / -	_	- /			/ -		- / -
FY 20°							- / -		- / -		/ -		/ -		/ -		- / -		- / -	-	- / -		- / -	_	- /		-	/ -		- / -
FY 20							- / -	_	- / -		/ -		1 -		. / -		- / -		- / -	+	- / -		- / -	_	- /			/ -		- / -
To Coi							- /		- / -		/ -		/ -		. / -		- / -		- / -	+	- / -		- / -	_	- /			/ -		- / -
Total							0 / 0.0	_	- / -		/ -		/ -		/ -		- / -		- / -		- / -		- / -	_	- /			/ -		- / -
Insta	llation	Sched	dule																	-			-							
			FY	2012			FY 2	2013		FY	2014			FY 2	2015			FY 2	2016			FY 2	2017			FY	2018			
	APY	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	тс	Tot
In	-	-	-	-	-	-	-	-		_	-		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

LI GC0401 - M119 Modifications Army

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Exh	xhibit 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										Type N	Modification: - Related RD												T&E PEs:								
Manı	ıfacture	er Info	rmatic	n: Dig	itizatio	n																									
Manufacturer Name: Various											Manufacturer Location: Various																				
Administrative Leadtime (in Months):										Production Leadtime (in Months):																					
Dates FY 2					2012	012 FY 2013			013	FY 2014				FY 2015				FY 2016				FY 2017				FY 2018					
Conti	act Dat	es																													
Deliv	ery Date	es																													
Inoto	llation	Digiti-	zotion								Mathad	of Im	nlomor	atation	Orga	nio Foil	d Inot	allation			Inc	tallation	Nom								
Installation: Digitization Me							Methou	thod of Implementation: Organic									Installation Name:							Т-							
				Pr	ior Yea	ars	rs FY 2012		FY 2013		FY 2014 Base		FY 2014 OCO		Total		F	FY 2015		FY 2016		Y 2017	FY 2018		To Complete		То	otal			
Installation Cost						ty (Each)		Qty (Each) / Total Cost (\$ M)				Qty (Ea									ity (Each) / al Cost (\$ M )		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M )		Qty (Each) /	Qty (Each) / Total Cost (\$ M			
All Pric	r Years						0 / 0	.000	0/0	.000	96 /	0.000	C	0.000	-	- / -		0 / 0.000		0 / 0.00	0	0 / 0.000	)	0 / 0.000		0 / 0.000	)	0 / 0.000	9	96 / 0.00	
FY 2012						0 / 0	/ 0.000 - / -		-	- / -		- / -		- / -		- / -		- / -			- / -		- / -		- / -		- / -	-	- / -		
FY 2013						0 / 0	- / -		_	- / -		- / -		- / -		- / -		- / -			- / -		- / -		- / -		- / -		- / -		
FY 2014						0 / 0	0/0.000 - / -		-	- / -		- / -		- / -		- / -			- / -		- / -		- / -		- / -		- / -		- / -		
FY 2015						0 / 0.000 - / -			- / -		- / -		- / -		- / -		- / -			- / -		- / -		- / -		- / -		- / -			
FY 2016						0 / 0.000 - / -				-	- / -		- / -		- / -		- / -			- / -		- / -		- / -		- / -		- / -			
FY 2017						0 / 0.000 - / -			_		/ -	- / -		- / -		- / -		- / -			- / -		- / -		- / -		- / -		- / -		
FY 201	FY 2018						- / / -			_		/ -	- / -		- / -		- / -		- / -			- / -		- / -		- / -		- / -		- / -	
	To Complete					_	0/0			-	- / -		- / -		- / -		- / -		- / -		+	- / -		- / -		- / -		- / -		96 / -	
To Cor	ipiete						070	.000	,			,																		007	
To Cor Total		Sched	lule						FY 2013			FY 2014			FY 2015			1				1			FY						
To Cor Total	llation	Sched		2012			FY 2	2013			FY 2	2014			FY 2	2015			FY	2016			FY 2	2017		F`	Y 20	018			
To Cor Total		Sched		2012	4	1	FY 2	2013	4	1	FY 2	2014	4	1	FY 2	2015	4	1	FY:	2016	4	1	FY 2		4 1			018 3 4	тс	Tot	
To Cor Total	llation		FY		4 -	1 -			4 -	1 -			4	1 -			4	1 -			4				_	1 2		<del></del>	TC -	Tot	

LI GC0401 - M119 Modifications Army

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Exhibit P-40, Budget Item Justification Sheet: PB 2014 Army Date: April 2013 Appropriation / Budget Activity / Budget Sub Activity: P-1 Line Item Nomenclature:

2033A: Procurement of W&TCV, Army / BA 02: Weapons and Other Combat

**Prior** 

**Years** 

FY 2012 | FY 2013<sup>#</sup>

Vehicles / BSA 20: Mod Of Weapons And Other Combat Veh

GZ2800 - M16 Rifle Mods

To

Total

FY 2015 | FY 2016 | FY 2017 | FY 2018 | Complete

FY 2014

Total

 $\textbf{ID Code} \,\, (\mathsf{A=Service} \,\, \mathsf{Ready}, \, \mathsf{B=Not} \,\, \mathsf{Service} \,\, \mathsf{Ready}) : B$ Program Elements for Code B Items: 0604601A Other Related Program Elements:

FY 2014

Base

FY 2014

OCO##

MDAP/MA	AIS C	ode(	s)	:
---------	-------	------	----	---

**Resource Summary** 

,											•	
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	g Resource Sum	mary rows are for in	formational p	urposes only. Ti	he corresponding bu	dget requests	s are documente	d elsewhere.)	•	1	,
Initial Spares (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Flyaway Unit Cost (Units in Thousands)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost (Units in Thousands)	-	-	-	-	-	-	-	-	-	-	-	-

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

## **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.

Second	dary 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 Sch	edule		P	rior Yea	rs		FY 2012			FY 2013		FY	′ 2014 Ba	se	FY	2014 O	CO	F۱	′ 2014 To	tal
Item Nomenclature*	Exhibits	ID CD	Unit Cost	Qty (Each)	Total Cost	Unit Cost	Qty (Each)	Total Cost (\$ M)	Unit Cost	Qty (Each)	Total Cost (\$ M)	Unit Cost	Qty (Each)	Total Cost	Unit Cost	Qty (Each)	Total Cost	Unit Cost	Qty (Each)	Total Cost
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

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

							UNC	CLAS	SIFIED	)									
Exhibit P-40, Bu	dget Item Ju	stificatio	Sheet:	PB 2014	4 Army									Date	e: April	2013			
Appropriation / E 2033A: Procurem Vehicles / BSA 20	ent of W&TC	V, Army /	BA 02: V	Veapons	and Ot	her Co	mbat	I		Item No - M16 R					· .				
ID Code (A=Service Read	y, B=Not Service Rea	ady) : B			Program	Element	s for Cod	e B Item	ns: 06046	01A		Oth	er Relate	d Progra	m Eleme	nts:			
MDAP/MAIS Code(s)	:											'							
Item Sche	edule		FY 201	5		FY 2016	1		FY 2017	•		FY 2018		To	o Comple	ete		Total	
Item Nomenclature* TBD - M16 RIFLE MODS	Exhibits P3A	ID Unit Co	Qty (Each)	Total Cost (\$ M) 3.974	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M) 3.798	Unit Cos (\$ K)	t Qty (Each)	Total Cost (\$ M) 3.394	Unit Cost (\$ K)	Qty (Each)	(\$ M) 3.500	Unit Cost (\$ K)	Qty (Each) Continuing	(\$ M )	Unit Cost (\$ K)	<b>Qty</b> ( <i>Each</i> ) Continuing	Total Cos (\$ M)
Total Gross/Weapon System Cost				3.974			3.798			3.394			3.500		Continuing	g		Continuing	l
*Item Nomenclature repre	esents Item Numbe	er, DODIC, an	d Item Name	for the P40	A and P5; I	Name for	the P18 and	P23; Mo	dification N	umber and	Modificatio	n Title for	the P3A; Ite	m Number	r and Item	Name for th	e P10.		
Note: Totals in this Exhib	it P-40 set may not	t be exact or a	dd due to ro	unding.															
Soldier with multiple quarter battle and volume In accordance with defense missions, d	ehicle egress; be Section 1815 of	etter eye reli the FY 2008	ef and acce National D	ess to wea <sub>l</sub> Defense Au	pon contro ithorization	ols for sh	orter reacl L.110-181	h Soldiei ), this ite	rs wearing	body arm	or; and al	lows retu	rn of M16	to norma	ıl length.	Ü			

 LI GZ2800 - M16 Rifle Mods
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 P-1 Line #33

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

Models of Systems Affected: N	116 RIFLE		Type Modi	fication: In	creased Pe	rformance		Related R	DT&E PEs:			
Resource Summary	Prior Years	FY 2012	FY 2013 <sup>#</sup>	FY 2014 Base	FY 2014 OCO##	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 Sum	mary rows are fo	r informational p	urposes only. Th	ne corresponding	budget request	s are documente	d elsewhere.)	·	3	
Initial Spares (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost (Units in Thousands)	-	-	-	-	-	-	-	-	-	-	-	-

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

## **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.

LI GZ2800 - M16 Rifle Mods

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P-1 Line #33

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

Exhibit P-3A, Individual Modification: PB 2014 Army

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 Number - Modification Title):

TBD - M16 RIFLE MODS

Combat Veh									TBD - M16	6 RIFLE M	ODS	
Models of Systems Affected: M16	RIFLE	Type I	Modification	n: Increas	ed Perform	nance	Re	lated RDT	&E PEs:			
	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
Financial Plan	Qty (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 / 20.09
Engineering Support	0 / 0.885	- / 0.100	- / 0.100	- / -	- / -	- / -	- / -	- / 0.050	- /0.100	- / 0.100	- / -	- /1.33
Integrated Logistical Support (ILS)	0 / 0.400	- / 0.050	- / 0.050	- / -	- / -	- / -	- / -	- / 0.050	- / 0.050	- / 0.050	- / -	- / 0.65
Total Package Fielding (TPF)	0 / 0.400	- / 0.050	- / 0.050	- / -	- / -	- / -	- / -	- / 0.050	- / 0.050	- / 0.050	- / -	- / 0.65
New Equipment Training (NET)	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / 0.050	- / 0.050	- / 0.050	- / -	- / 0.15
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 / 22.88
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 / 22.88
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 29.50
Engineering Support	0 / 0.990	- / 0.050	- / 0.250	- / 0.250	- / -	- / 0.250	- / 0.250	- / 0.250	- / 0.150	- / 0.200	- / -	- /2.39
Integrated Logistic Support	0 / 0.144	- / 0.020	- /0.020	- / 0.020	- / -	- / 0.020	- / 0.020	- /0.020	- /0.020	- / 0.030	- / -	- / 0.29
Fielding	0 / 0.140	- / 0.030	- / 0.030	- / 0.030	- / -	- / 0.030	- / 0.030	- /0.030	- /0.030	- / 0.050	- / -	- / 0.37
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 32.55
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 32.55
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 / 1.10
Engineering Support	0 / 0.000	- / 0.200	- / -	- / 0.100	- / -	- / 0.100	- / 0.100	- / 0.100	- / -	- / -	- / -	- / 0.50
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 / 1.60
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 / 1.60
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 57.03
Total Procurement and Support	18.032	3.476	18.728	2.136		2.136	3.974	3.798	3.394	3.500	$\overline{}$	57.03

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

Models of Systems Affected: M16 RIFLI	<u> </u>	Type	Modificatio	<b>n:</b> Increas	ed Perform	nance	Re	lated RD1	&E PES:			
	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
Financial Plan	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M )	Qty (Each) / Total Cost (\$ M )	Qty (Each) / Total Cost (\$ M )								
Combat Optics Installation Cost	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
Close Quarters Battle Kit Installation Cost	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
Collapsible Buttstock Installation Cost	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
Total Installation Cost	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
Total Cost (Procurement + Support + Installation)	18.032	3.476	18.728	2.136	-	2.136	3.974	3.798	3.394	3.500	-	57.038

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Exh	ibit P-	∙3A, I	ndivi	dual	Modif	icatio	on: P	B 20	14 Army												Da	te: A	pril 201	3				
2033 Othe	BA: Pro	ocure	men	of W	&TCV	, Arm	ny / B	A 02:	b Activit : Weapor pons And	ns and	GZ2	<b>Line Iten</b> 2800 - M1									(Mo	odific e):	<b>ation N</b> ation N	lumb	er - Mo		ation	
Mod	lels of	f Sys	tems	Affe	cted:	M16 I	RIFLE	Ξ		Туре	Modi	fication:	Increa	sed Pe	erforn	nance			Relat	ed RI	DT&E	PEs:						
Manı	ıfacture	er Info	rmatio	n: Cor	nbat O	ptics																						
Manu	ıfacturer	r Name	e: Trijid	on, Inc	. / TBD									Manu	facture	er Locatio	n: Wi	ixom, MI	/ TBD									
Admi	nistrativ	e Lead	dtime (	in Mon	ths): 4									Produ	iction L	Leadtime	(in M	Months): 3	3									
	Dat	tes			FY 2	012			FY 201	3		FY 2014	ļ		FY	2015			FY 201	6		F	Y 2017			FY	2018	
Contr	act Date	es			Jan 2	2012			Jan 201	3									Feb 201	6		Fe	eb 2017			Feb	2018	
Deliv	ery Date	es			Apr 2	2012			Apr 201	3									May 201	6		Ма	ay 2017			May	/ 2018	
Insta	llation:	Comb	at Ont	ics						Method	d of Im	plementati	on: Inst	alled by	Soldie	ers			Installa	ation N	lame:							
			<u> </u>			Pri	ior Yea	ars	FY 2012	FY 20		FY 2014 Base	FY	7 2014 OCO	FY	′ 2014 「otal	FY	/ 2015	FY 2		FY 20	)17	FY 20	18	To Comp		То	otal
Insta	llation (	Cost					Qty (Each)		Qty (Each) /	Qty (Ea		Qty (Each) / Total Cost (\$ N		(Each) /		(Each) /	Qty Total (	(Each) / Cost (\$ M )	Qty (Ea		Qty (Ea		Qty (Eac		Qty (Ea		Qty (E	Each) /
All Prio	r Years						0 / 0.		0 / 0.000	_	/ 0.000	0 / 0.0		- / -		0 / 0.000		0 / 0.000		/ 0.000		/ 0.000		/ 0.000		/ 0.000		0 / 0.0
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To Cor	nplete						0 / 0.		- / -	-	/ -	- / -		- / -		- / -		- / -	-	/ -	-	/ -	-	/ -	-	/ -	-	- / -
Total							0/0.	.000	- / -	-	/ -	- / -		- / -		- / -		- / -	-	/ -	-	/ -	-	/ -	-	/ -		- / -
	llation 9	Sched	ule																									
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<b>Appr</b> 2033	opria A: Pro r Com bat Ve els of	ation ocure nbat \ eh	/ Bud	dget #	Activi	ty / B			14 Arm															Date:	Apr	ril 201	3				
2033, Other Comb Mode Manuf	A: Pro r Com bat Ve els of	ocure nbat \ eh	ement	of W			Budae	4 0																							
<b>Manuf</b> Manufa	facture	f Sys					ny / B	A 02	b Activ : Wear pons <i>F</i>	oons	and		_		Nome Rifle N		ure:							(Modi Title):	ifica:		umbe	enclatu er - Mo		ation	
Manufa			tems	Affe	cted:	M16	RIFLE	E			Type N	/lodif	icatio	n: In	crease	ed Pe	rforn	nance			Rel	ated l	RDT	&E PE	s:						
		er Info	rmatic	n: Clo	se Qua	arters	Battle	Kit																							
Admini	acturer	r Nam	e: Vari	ous												Manufa	acture	er Locat	ion: Va	arious											
	istrativ	e Lead	dtime (	in Mon	ths): 4											Produc	ction L	_eadtim	e (in N	/lonths):	4										
	Dat	tes			FY 2	2012			FY 2	2013			FY 2	2014			FY	2015			FY 2	016			FY	2017			FY 2	2018	
Contra	act Date	es			Jan 2	2012			Jan 2	2013			Jan :	2014			Jan	2015			Jan 2	016			Jan	2017			Jan	2018	
Deliver	ry Date	es			Mar 2	2012			Mar 2	2013			May	2014			Apr	2015			Apr 2	016			Apr	2017			Apr	2018	
Install	lation:	Close	Quart	ers Bat	tle Kit						Method	of Im	plemen	itation	: Install	ed by S	Soldie	ers			Insta	allation	Nam	ie:							
						Pr	ior Yea	ars	FY 201	2	FY 20	13	FY 20 Bas	-	FY 2	-		2014 otal	FY	Y 2015	FY	2016	F	Y 2017	,	FY 20	18	To Comp		Tota	al
Install	lation (	Cost					ty (Each		Qty (Each		Qty (Eac Total Cost		Qty (Ea		Qty (Ea			(Each) / Cost (\$ M)		y (Each) / Cost (\$ M )		(Each) / Cost (\$ M		ty (Each) al Cost (\$		Qty (Eac Fotal Cost (		Qty (Ea		Qty (Ea	
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Install	lation	Sched																													
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	APY	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	тс	Tot
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Exhibit P-3A, Indiv	idual Modific	cation: PB 2	2014 Army	/								Date: A	pril 2013		
Appropriation / Bu 2033A: Procuremen Other Combat Vehic Combat Veh	nt of W&TCV,	Army / BA (	02: Weapo	ns and	1	<b>ine Item I</b> 300 - M16			:			(Modific	ation Nome ation Numb	er - Modific	ation
Models of Systems	s Affected: M	116 RIFLE		Type I	Modifie	cation: In	creased	Perfor	mance		Related RI	OT&E PEs:			
Manufacturer Informati	ion: Collapsible	Buttstock		-											
Manufacturer Name: FM	Manufacturing, A	Allied Materials	s, P&S Produ	icts			Ma	anufactur	rer Locatio	on: Columbia, S	SC; Lexington,	KY; Kansas (	City, MO		
Administrative Leadtime	(in Months): 9						Pro	oduction	Leadtime	(in Months): 2					
Dates	FY 20	12	FY 20	13		FY 2014		FY	<sup>'</sup> 2015		FY 2016	F	Y 2017	FY	2018
Contract Dates	Jun 20	12				Jun 2014		Jur	า 2015		Jun 2016				
Delivery Dates	Aug 20	)12				Aug 2014		Auc	g 2015		Aug 2016				
Installation: Collapsible	Buttstock			Method		lementation	1				Installation N	lame:		To	
Installation: Collapsible	Buttstock	Prior Years	FY 2012	FY 20	013	FY 2014 Base	FY 201	4 F	Y 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total
·	Buttstock	Prior Years  Qty (Each) / Total Cost (\$ M )	FY 2012  Qty (Each) / Total Cost (\$ N	FY 20	013	FY 2014	FY 201	4 F	Y 2014	FY 2015  Oty (Each) / Total Cost (\$ M )			FY 2018  Oty (Each) / Total Cost (\$ M)	_	Qty (Each)
Installation Cost	Buttstock	Qty (Each) /	Qty (Each) / Total Cost (\$ N	FY 20 Qty (Ea	013	FY 2014 Base	FY 201 OCO Qty (Each)	4 F	Y 2014 Total y (Each) /	Qty (Each) /	FY 2016  Qty (Each) /	FY 2017  Qty (Each) /	Qty (Each) /	Complete  Qty (Each) /	Qty (Each) Total Cost (\$
Installation: Collapsible  Installation Cost  All Prior Years FY 2012	Buttstock	Oty (Each) / Total Cost (\$ M) 0 / 0.000	Qty (Each) / Total Cost (\$ N	FY 20	013 nch) / t (\$ M ) To / 0.000	FY 2014 Base  Otty (Each) / Total Cost (\$ M )  0 / 0.000  - / -	FY 201- OCO  Qty (Each) Total Cost (\$ - / - /	4 F	Y 2014 Total y (Each) / ' Cost (\$ M) 0 / 0.000	Qty (Each) / Total Cost (\$ M ) 0 / 0.000	FY 2016  Qty (Each) / Total Cost (\$ M )  0 / 0.000  - / -	FY 2017  Qty (Each) / Total Cost (\$ M )  0 / 0.000  - / -	Qty (Each) / Total Cost (\$ M ) 0 / 0.000	Complete     Qty (Each) /     Total Cost (\$ M )     0 / 0.000     - / -	Qty (Each) / Total Cost (\$ I
Installation Cost All Prior Years FY 2012 FY 2013	Buttstock	Qty (Each) / Total Cost (\$ M) 0 / 0.000 0 / 0.000	Qty (Each) / Total Cost (\$ N 0 / 0.0 - / -	FY 20	013   sich) / t (\$ M )	FY 2014 Base  Oty (Each) / rotal Cost (\$ M )  0 / 0.000  - / -  - / -	FY 2010 OCO Oty (Each Total Cost (\$ - / - /	4 F	Y 2014 Total y (Each) / / Cost (\$ M) 0 / 0.000 - / -	Qty (Each) / Total Cost (\$ M )  0 / 0.000  - / -  - / -	FY 2016  Oty (Each) / Total Cost (\$ M)  0 / 0.000  - / / -	FY 2017  Oty (Each) / Total Cost (\$ M)  0 / 0.000  - / / -	Qty (Each) / Total Cost (\$ M )  0 / 0.000  - / -  - / -	Complete  Qty (Each) / Total Cost (\$ M)  0 / 0.000  - / -  - / -	Qty (Each) Total Cost (\$ 1
Installation Cost All Prior Years FY 2012 FY 2013 FY 2014	Buttstock	Qty (Each) / Total Cost (\$ M )	Qty (Each) / Total Cost (\$ M 0 / 0.0 - / / / -	FY 20 Oty (Ea Total Cost 00 0	013  ich) / t (\$ M )	FY 2014 Base  Oty (Each) / rotal Cost (\$ M )  0 / 0.000  - / -  - / -  - / -	FY 201- OCO  Qty (Each; Total Cost (\$ - / - / - / - /	4 F	Y 2014 Total y (Each) / ' Cost (\$ M) 0 / 0.000 - / - - / -	Qty (Each) / Total Cost (\$ M )	FY 2016  Oty (Each) / Total Cost (\$ M)  0 / 0.000  - / -  - / -  - / -	FY 2017  Qty (Each) / Total Cost (\$ M )  0 / 0.000  - / -  - / -  - / -	Oty (Each) / Total Cost (\$ M )	Complete  Qty (Each) / Total Cost (\$ M )  0 / 0.000  - / -  - / -  - / -	Qty (Each) Total Cost (\$ 0 / 0.0 - / - /
Installation Cost All Prior Years FY 2012 FY 2013 FY 2014 FY 2015	Buttstock	Qty (Each) / Total Cost (\$ M )  0 / 0.000  0 / 0.000  0 / 0.000  0 / 0.000  0 / 0.000	Oty (Each) / Total Cost (\$ N	FY 20  Oty (Ea  Total Cost  00  0	013   sich) / t (\$ M )	FY 2014 Base  Oty (Each) / rotal Cost (\$ M )  0 / 0.000  - / -  - / -	FY 2010 OCO Oty (Each Total Cost (\$ - / - /	4 F	Y 2014 Total y (Each) / / Cost (\$ M) 0 / 0.000 - / -	Qty (Each) / Total Cost (\$ M )  0 / 0.000  - / -  - / -	FY 2016  Oty (Each) / Total Cost (\$ M)  0 / 0.000  - / / -	FY 2017  Oty (Each) / Total Cost (\$ M)  0 / 0.000  - / / -	Qty (Each) / Total Cost (\$ M )  0 / 0.000  - / -  - / -	Complete  Qty (Each) / Total Cost (\$ M)  0 / 0.000  - / -  - / -	Qty (Each) Total Cost (\$ 0 / 0.0 - / - / - / - /
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Installation Cost All Prior Years FY 2012 FY 2013 FY 2014 FY 2015 FY 2016 FY 2017	Buttstock	Qty (Each) / Total Cost (\$ M )  0 / 0.000  0 / 0.000  0 / 0.000  0 / 0.000  0 / 0.000  0 / 0.000	Oty (Each) / Total Cost (\$ N	FY 20  Oty (Ea  Total Cost  00  -  -  -  -  -  -  -	013  uch) / t (\$ M ) 70  / 0.000  / -  / -  / -  / -  / -  / -	FY 2014 Base  Oty (Each) / rotal Cost (\$ M )  0 / 0.000  - / -  - / -  - / -  - / -  - / -	FY 201- OCO  Qty (Each: Total Cost (\$ - / - / - / - / - / - /	4 F' (a) / Ott (b) M) Total	Y 2014 Total y (Each) / / Cost (\$ M) 0 / 0.000 - / - - / - - / - - / -	Qty (Each) / Total Cost (\$ M )  0 / 0.000  - / -  - / -  - / -  - / -  - / -	FY 2016  Oty (Each) / Total Cost (\$ M )  0 / 0.000  - / -  - / -  - / -  - / -  - / -	FY 2017  Oty (Each) / Total Cost (\$ M)  0 / 0.000  - / -  - / -  - / -  - / -  - / -	Qty (Each) / Total Cost (\$ M )	Complete  Qty (Each) / Total Cost (\$ M )  0 / 0.000  - / -  - / -  - / -  - / -	Qty (Each) Total Cost (\$ 0 / 0.0 - / - / - / - / - / - / - /
Installation Cost All Prior Years FY 2012	Buttstock	Qty (Each) / Total Cost (\$ M )  0 / 0.000  0 / 0.000  0 / 0.000  0 / 0.000  0 / 0.000  0 / 0.000  0 / 0.000	Oty (Each) / Total Cost (\$ N	FY 20  Oty (Ea Total Cost 000 0	013	FY 2014 Base  Qty (Each) / rotal Cost (\$ M )  0 / 0.000  - / -  - / -  - / -  - / -  - / -  - / -	FY 201- OCO  Qty (Each: Total Cost (\$ - // - // - // - // - // - // - //	4 F' (a) / Ott (b) M ) Total	Y 2014 Total y (Each) / / Cost (\$ M) 0 / 0.000 - / - - / - - / - - / -	Qty (Each) / Total Cost (\$ M )  0 / 0.000  - / -  - / -  - / -  - / -  - / -  - / -  - / -	FY 2016  Oty (Each) / Total Cost (\$ M )  0 / 0.000  - / -  - / -  - / -  - / -  - / -  - / -  - / -	FY 2017  Oty (Each) / Total Cost (\$ M )  0 / 0.000  - / -  - / -  - / -  - / -  - / -  - / -  - / -	Qty (Each) / Total Cost (\$ M )  0 / 0.000  - / -  - / -  - / -  - / -  - / -  - / -	Complete  Qty (Each) / Total Cost (\$ M )  0 / 0.000  - / -  - / -  - / -  - / -  - / -  - / -	Qty (Each) Total Cost (\$ 5
Installation Cost  All Prior Years FY 2012 FY 2013 FY 2014 FY 2015 FY 2016 FY 2017 FY 2018 To Complete Total	Buttstock	Qty (Each) / Total Cost (\$ M )  0 / 0.000  0 / 0.000  0 / 0.000  0 / 0.000  0 / 0.000  0 / 0.000  0 / 0.000  0 / 0.000	Oty (Each) / Total Cost (\$ N	FY 20  Oty (Ea Total Cost  00	013   rich) / tt (\$ M )	FY 2014 Base  Oty (Each) / rotal Cost (\$ M )  0 / 0.000  - / -  - / -  - / -  - / -  - / -  - / -  - / -  - / -	FY 201- OCO  Qty (Each: Total Cost (\$ - / - / - / - / - / - / - / - /	4 F: (a) / Oth (b) M) Total	Y 2014 Total  y (Each) / / Cost (\$ M ) 0 / 0.000 - / / / / / / / -	Qty (Each) / Total Cost (8 M)  0 / 0.000  - / -  - / -  - / -  - / -  - / -  - / -  - / -  - / -	FY 2016  Oty (Each) / Total Cost (\$ M )  0 / 0.000  - / -  - / -  - / -  - / -  - / -  - / -  - / -  - / -  - / -	FY 2017  Oty (Each) / Total Cost (\$ M )  0 / 0.000  - / -  - / -  - / -  - / -  - / -  - / -  - / -  - / -	Qty (Each) / Total Cost (\$ M )  0 / 0.000  - / -  - / -  - / -  - / -  - / -  - / -  - / -  - / -	Complete  Qty (Each) / Total Cost (\$ M ) 0 / 0.000 - / / / / / / / / / -	Qty (Each) Total Cost (\$ 1
Installation Cost  All Prior Years FY 2012 FY 2013 FY 2014 FY 2015 FY 2016 FY 2017 FY 2018 To Complete	Buttstock	Qty (Each) / Total Cost (\$ M )	Oty (Each) / Total Cost (\$ N	FY 20  Oty (Ea Total Cost  00	7013   Total   Total	FY 2014 Base  Qty (Each) / rotal Cost (\$ M )  0 / 0.000  - / -  - / -  - / -  - / -  - / -  - / -  - / -  - / -  - / -  - / -  - / -	FY 201- OCO  Oty (Each)  Total Cost (\$ - / / - / / - / / - / / - / / - / / - / / - / / - / / - / / - / /	4 F: (a) / Oth (b) M) Total	Y 2014 Total y (Each) / / Cost (\$ M ) 0 / 0.000 - / / / / / / / / -	Qty (Each) / Total Cost (8 M)  0 / 0.000  - / -  - / -  - / -  - / -  - / -  - / -  - / -  - / -  - / -  - / -  - / -	FY 2016  Oty (Each) / Total Cost (\$ M )  0 / 0.000  - / -  - / -  - / -  - / -  - / -  - / -  - / -  - / -  - / -  - / -  - / -  - / -  - / -  - / -	FY 2017  Oty (Each) / Total Cost (\$ M )  0 / 0.000  - / -  - / -  - / -  - / -  - / -  - / -  - / -  - / -  - / -  - / -  - / -  - / -	Qty (Each) / Total Cost (\$ M )  0 / 0.000  - / -  - / -  - / -  - / -  - / -  - / -  - / -  - / -  - / -	Complete  Qty (Each) / Total Cost (\$ M )  0 / 0.000  - / -  - / -  - / -  - / -  - / -  - / -  - / -  - / -  - / -  - / -	Qty (Each) / Total Cost (\$ I
Installation Cost  All Prior Years FY 2012 FY 2013 FY 2014 FY 2015 FY 2016 FY 2017 FY 2018 To Complete Total Installation Schedule	Buttstock  '2012	Qty (Each) / Total Cost (\$ M )	Qty (Each) / Total Cost (\$ N	FY 20 Oty (Ea Total Cost Ot	7013   Total   Total	FY 2014 Base  Qty (Each) / rotal Cost (\$ M )  0 / 0.000  - / -  - / -  - / -  - / -  - / -  - / -  - / -  - / -  - / -  - / -  - / -	FY 201- OCO  Oty (Each)  Total Cost (\$ - / / - / / - / / - / / - / / - / / - / / - / / - / / - / / - / /	4 F	Y 2014 Total y (Each) / / Cost (\$ M ) 0 / 0.000 - / / / / / / / / -	Qty (Each) / Total Cost (8 M)  0 / 0.000  - / -  - / -  - / -  - / -  - / -  - / -  - / -  - / -  - / -  - / -  - / -	FY 2016  Qty (Each) / Total Cost (\$ M )  0 / 0.000  - / / / / / / / / / / / -	FY 2017  Oty (Each) / Total Cost (\$ M )  0 / 0.000  - / -  - / -  - / -  - / -  - / -  - / -  - / -  - / -  - / -  - / -  - / -  - / -	Qty (Each) / Total Cost (\$ M )  0 / 0.000  - / -  - / -  - / -  - / -  - / -  - / -  - / -  - / -  - / -  - / -	Complete  Qty (Each) / Total Cost (\$ M )  0 / 0.000  - / -  - / -  - / -  - / -  - / -  - / -  - / -  - / -  - / -  - / -	Qty (Each) Total Cost (\$ 1

LI GZ2800 - M16 Rifle Mods Army

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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

GC0925 - Modifications Less Than \$5.0m (WOCV-WTCV)

P-1 Line Item Nomenclature:

Vehicles / BSA 20: Mod Of Weapons And Other Combat Vehicles

Program Elements for Code B Items: 0604601A

Other Related Program Elements:

MDAP/MAIS Code(s):

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

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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)	189.306	2.973	3.072	1.569	-	1.569	4.048	3.796	3.232	3.548	Continuing	Continuing
Less PY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (\$ in Millions)	189.306	2.973	3.072	1.569	-	1.569	4.048	3.796	3.232	3.548	Continuing	Continuing
Plus CY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (\$ in Millions)	189.306	2.973	3.072	1.569	-	1.569	4.048	3.796	3.232	3.548	Continuing	Continuing
	(The following	g Resource Sum	mary rows are fo	or informational p	ourposes only. Ti	he corresponding	g budget request	s are documente	ed elsewhere.)	1		
Initial Spares (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-

	(The following	g Resource Sum	mary rows are fo	or informational p	urposes only. Ti	he correspondin	g budget request	ts are documente	ed elsewhere.)			
Initial Spares (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Flyaway Unit Cost (Units in Thousands)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost (Units in Thousands)	-	-	-	-	-	-	-	-	-	-	-	-

FY 2013 Program is from the FY 2013 President's Budget, submitted February 2012

## Description:

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.

#### Justification:

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.

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

Exhibit P-40, Budget Item Justification Sheet: PB 2014 Army

Date: April 2013

Appropriation / Budget Activity / Budget Sub Activity:

P-1 Line Item Nomenclature:

2033A: Procurement of W&TCV, Army / BA 02: Weapons and Other Combat

GL3200 - Items Less Than \$5.0m (WOCV-WTCV)

Vehicles / BSA 30: Support Equipment & Facilities

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

Program Elements for Code B Items:

**Other Related Program Elements:** 

MDAP/MAIS Code(s):

	Prior			FY 2014	FY 2014	FY 2014					То	
Resource Summary	Years	FY 2012	FY 2013 <sup>#</sup>	Base	OCO##	Total	FY 2015	FY 2016	FY 2017	FY 2018	Complete	Total
Procurement Quantity (Units in Each)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost (\$ in Millions)	121.927	-	2.026	2.024	-	2.024	2.026	2.028	2.027	-	-	132.058
Less PY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (\$ in Millions)	121.927	-	2.026	2.024	-	2.024	2.026	2.028	2.027	-	-	132.058
Plus CY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (\$ in Millions)	121.927	-	2.026	2.024	-	2.024	2.026	2.028	2.027	-	-	132.058
	(The following	Resource Sum	nmary rows are fo	or informational p	ourposes only. Th	he corresponding	budget request	s are documente	ed elsewhere.)			
Initial Spares (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
E. 11.90 1	İ		1									

	(Trie lollowing	g Resource Sum	mary rows are in	or imormational p	ourposes only. Th	ie corresponding	j buaget request	s are document	ea eisewriere.)			
Initial Spares (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Flyaway Unit Cost (Units in Thousands)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost (Units in Thousands)	-	-	-	-	-	-	-	-	-	-	-	-
(Offits III Triousarius)												

 $<sup>^{\#}</sup>$  FY 2013 Program is from the FY 2013 President's Budget, submitted February 2012

## **Description:**

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.

#### Justification:

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

Exhibit P-40, Budget Item Justification Sheet: PB 2014 Army

Date: April 2013

Appropriation / Budget Activity / Budget Sub Activity:

P-1 Line Item Nomenclature:

2033A: Procurement of W&TCV, Army / BA 02: Weapons and Other Combat

GC0050 - Production Base Support (WOCV-WTCV)

Vehicles / BSA 30: Support Equipment & Facilities

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

Program Elements for Code B Items:

Other Related Program Elements:

MDAP/MAIS Code(s):

	Prior			FY 2014	FY 2014	FY 2014					То	
Resource Summary	Years	FY 2012	FY 2013 <sup>#</sup>	Base	OCO##	Total	FY 2015	FY 2016	FY 2017	FY 2018	Complete	Total
Procurement Quantity (Units in Each)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost (\$ in Millions)	417.984	10.160	10.115	10.108	-	10.108	10.204	10.387	10.562	10.121	Continuing	Continuing
Less PY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (\$ in Millions)	417.984	10.160	10.115	10.108	-	10.108	10.204	10.387	10.562	10.121	Continuing	Continuing
Plus CY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (\$ in Millions)	417.984	10.160	10.115	10.108	-	10.108	10.204	10.387	10.562	10.121	Continuing	Continuing
	(The following	Resource Sum	mary rows are fo	or informational p	ourposes only. Ti	he corresponding	g budget request	s are documente	ed elsewhere.)	•		
Initial Spares (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Flyaway Unit Cost (Units in Thousands)	-	-	-	-	-	-	-	-	-	-	-	-
	1	1	1	i e	<u> </u>	1	1		i e	1	1	1

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

#### **Description:**

(Units in Thousands)

Gross/Weapon System Unit Cost

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 Scho	edule		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

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

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 30: Support Equipment & Facilities

P-1 Line Item Nomenclature:

GC0050 - Production Base Support (WOCV-WTCV)

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

Program Elements for Code B Items:

Other Related Program Elements:

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

Project Sch	edule		Prior Years	FY 2012	FY 2013	FY 2014 Base	FY 2014 OCO	FY 2014 Total
Project	Exhibits	ID	Total Cost (\$ M)	Total Cost (\$ M)	Total Cost (\$ M)	Total Cost (\$ M)	Total Cost (\$ M )	Total Cost (\$ M)
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
(Uncategorized)			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
Total Gross/Weapon System Cost			417.984	10.160	10.115	10.108	-	10.108

\*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.).

#### Justification:

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

Exhibit P-40, Budget Item Justification Sheet: PB 2014 Army

Appropriation / Budget Activity / Budget Sub Activity:

2033A: Procurement of W&TCV, Army / BA 02: Weapons and Other Combat Vehicles / BSA 30: Support Equipment & Facilities

P-1 Line Item Nomenclature:

GC0050 - Production Base Support (WOCV-WTCV)

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

Program Elements for Code B Items:

Other Related Program Elements:

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

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.

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

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.

"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".

Exhibit P-25, Production Sup	port and In	dustrial Fa	acilities Co	ost Analys	sis: PB 20	14 Army			Date: Apı	il 2013		
Appropriation / Budget Activi 2033A: Procurement of W&TC\ Vehicles / BSA 30: Support Equ	/, Army / BA	4 02: Weap	•	ther Comb	oat		em Nomenclation Base	ure: Support (WOC	V-WTCV)			
Project Title: Hot & Cold Forge	emergenc	y repairs a	nd mainten	ance.		Project Nu	<b>mber:</b> U7668	Project Cate	jory: Prod	luction Su	oport	
End Item Supported Model:								Annual Capa	city Befor	re / After (	1-8-5): /	
Cost Elements (\$ in Millions)	FY 2012	FY 2013	FY 2014 Base	FY 2014 OCO	FY 2014 Total		e: GD-ATP/Watervli tion: Saco, ME	iet/Rock Island PBS	Provisioning	g of Industrial	Facilities	
A. Construction Cost	-	-	-	-	-	Facility Type	(GOGO, GOCO, C	<b>OCO)</b> : GOGO				
B. Equipment Cost	0.010	0.020	0.018	-	0.018	Principal Mile	estones			Month & Ye	ar	
C. Equipment Installation Cost	0.002	0.009	0.005	-	0.005	Concept Design	•					
D. Contractor Support Cost	-	-	-	-	-	Final Design (						
E. Corps of Engineers Support Cost	-	-	-	-	-	Initial/Final Pro						
F. Other In-House Support Cost	-	-	-	-	-	Equipment Ins	tallation Complete:					
F. Total Facility Project Cost	-	-	-	-	-	Prove Out Beg Prove Out Co	,					
G. Other Costs	-	-	-	-	-	1 10ve Out Col	iipiete.	Related	Projects			
Total Project Cost	0.012	0.029	0.023	-	0.023	Project Number	Title	FY & Appn	Value	Facing	Start Date	Compl Date

# **Narrative Explanation:**

Hot and cold forge emergency repairs and maintenance to prevent failure and excessive down time of unique forges.

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Exhibit P-25, Production Sup	port and In	dustrial F	acilities Co	ost Analys	sis: PB 20	14 Army			Date: Apr	il 2013		
Appropriation / Budget Activi 2033A: Procurement of W&TC\ Vehicles / BSA 30: Support Equ	/, Army / B/	4 02: Weap	•	ther Comb	oat		tem Nomenclate Production Base		V-WTCV)			
Project Title: Large Capacity N	/lills (Small	Arms) and	laboratory	relocation		Project N	<b>umber:</b> U7669	Project Cate	gory: Prod	uction Sup	port	
End Item Supported Model:						,		Annual Capa	city Befor	e / After (	1-8-5): /	
Cost Elements (\$ in Millions)	FY 2012	FY 2013	FY 2014 Base	FY 2014 OCO	FY 2014 Total	Facility Loc	ne: Rock Island Arse ation: Rock Island, I	L				
A. Construction Cost	-	-	-	-	-	Facility Typ	e (GOGO, GOCO, C	OCO): GOGO				
B. Equipment Cost	1.500	1.500	1.500	-	1.500	Principal M	ilestones			Month & Ye	ar	
C. Equipment Installation Cost	0.875	0.870	0.865	-	0.865		sign Complete:					
D. Contractor Support Cost	-	-	-	-	-	Final Design	i Complete: Project Award:					
E. Corps of Engineers Support Cost	-	-	-	-	-	Construction	,					
F. Other In-House Support Cost	-	-	-	-	-	Equipment I	nstallation Complete:					
F. Total Facility Project Cost	-	-	-	-	-	Prove Out B Prove Out C						
G. Other Costs	-	-	-	-	-	1 1000 Out 0	ompicie.	Related	Projects			
Total Project Cost	2.375	2.370	2.365	-	2.365	Project Number	Title	FY & Appn	Value	Facing	Start Date	Compl Date

# **Narrative Explanation:**

Machinery equipment and laboratory move for health, safety and environmental reasons.

Exhibit P-25, Production Sup	port and In	dustrial Fa	acilities Co	ost Analys	sis: PB 20	14 Army			Date: Apr	il 2013	
Appropriation / Budget Active 2033A: Procurement of W&TCV Vehicles / BSA 30: Support Equ	√, Army / BA	4 02: Weap	•	ther Comb	oat		em Nomenclatu Production Base	_	CV-WTCV)		
Project Title: Machine Equipm	ent installat	ion with sit	e preparati	on.		Project Nu	ı <b>mber</b> : U7670	Project Cate	gory: Prod	duction Support	
End Item Supported Model:								Annual Capa	city Befor	re / After (1-8-5): /	
Cost Elements (\$ in Millions)	FY 2012	FY 2013	FY 2014 Base	FY 2014 OCO	FY 2014 Total		e: Watervliet Arsena				
A. Construction Cost	-	-	-	-	-	Facility Type	(GOGO, GOCO, C	OCO): COCO			
B. Equipment Cost	1.580	1.500	1.500	-	1.500	Principal Mil	estones			Month & Year	
C. Equipment Installation Cost	0.875	0.870	0.865	-	0.865		ign Complete:				
D. Contractor Support Cost	-	-	-	-	-	Final Design					
E. Corps of Engineers Support Cost	-	-	-	-	-	Construction	roject Award: Complete:				
F. Other In-House Support Cost	-	-	-	-	-	Equipment In	stallation Complete:				
F. Total Facility Project Cost	-	-	-	-	-	Prove Out Be Prove Out Co	•				
G. Other Costs	-	-	-	-	-	1 TOVE OUT O	mpiete.	Related	Projects		
Total Project Cost	2.455	2.370	2.365	-	2.365	Project		TV 0. A	Value		Compl

Number

## **Narrative Explanation:**

Machine equipment installation with associated site preparation activities.

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Title

FY & Appn

(\$ M )

Start Date

Date

Facing

Exhibit P-25, Production Supp	port and In	dustrial Fa	acilities Co	ost Analys	sis: PB 20°	14 Army			Date: Apr	il 2013		
Appropriation / Budget Activi 2033A: Procurement of W&TC\ Vehicles / BSA 30: Support Equ	/, Army / BA	4 02: Weap	•	ther Comb	oat		em Nomenclatu Production Base		V-WTCV)			
Project Title: Instrumentation for	or production	n testing o	f WTCV sy	stems.		Project No	ımber: GC2001	Project Categ	jory: Prod	uction Sup	port	
End Item Supported Model: A	II WTCV Sy	/stems						Annual Capa	city Befor	e / After (	1-8-5): /	
Cost Elements (\$ in Millions)	FY 2012	FY 2013	FY 2014 Base	FY 2014 OCO	FY 2014 Total		e: ATEC Test Range ation: Yuma, AZ; Abe		Sands, NM			
A. Construction Cost	-	-	-	-	-	Facility Type	e (GOGO, GOCO, CO	<b>(CO)</b> : GOGO				
B. Equipment Cost	4.763	4.769	4.753	-	4.753	Principal Mi	lestones			Month & Ye	ar	
C. Equipment Installation Cost	-	-	-	-	-		ign Complete:					
D. Contractor Support Cost	-	-	-	-	-	Final Design	•			Oct 2012 / N	lor 2012	
E. Corps of Engineers Support Cost	-	-	-	-	-	Construction	roject Award: Complete:			OCI 2012 / IV	iai 2013	
F. Other In-House Support Cost	-	-	-	-	-	Equipment Ir	stallation Complete:			Oct 2013		
F. Total Facility Project Cost	-	-	-	-	-	Prove Out Be	•			Oct 2013 Dec 2013		
G. Other Costs	-	-	-	-	-	Prove Out Complete: Dec 2013						
Total Project Cost	4.763	4.769	4.753	-	4.753	Project		Related	Value			Compl
						Number	Title	FY & Appn	(\$ M )	Facing	Start Date	Date

## **Narrative Explanation:**

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 onboard 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

Appropriation / Budget Activity / Budget Sub Activity:

2033A: Procurement of W&TCV, Army / BA 02: Weapons and Other Combat

Vehicles / BSA 30: Support Equipment & Facilities

**P-1 Line Item Nomenclature:** GC0075 - Industrial Preparedness

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

MDAP/MAIS Code(s):

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

(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)												
nitial Spares (\$ in Millions)												
Flyaway Unit Cost (Units in Thousands)											-	
Gross/Weapon System Unit Cost (Units in Thousands)	-	-	-	-	-	-	-	-	-	-	-	-

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

#### **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 supports. Funding supports Active Component.

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

Exhibit P-40, Budget Item Justification Sheet: PB 2014 Army

Date: April 2013

Appropriation / Budget Activity / Budget Sub Activity:

P-1 Line Item Nomenclature:

2033A: Procurement of W&TCV, Army / BA 02: Weapons and Other Combat

GC0076 - Small Arms Equipment (Soldier Enh Prog)

Vehicles / BSA 30: Support Equipment & Facilities

Program Elements for Code B Items:

Other Related Program Elements:

MDAP/MAIS Code(s):

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

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)	101.574	2.453	2.378	1.267	-	1.267	3.173	3.016	2.572	2.800	-	119.233
Less PY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (\$ in Millions)	101.574	2.453	2.378	1.267	-	1.267	3.173	3.016	2.572	2.800	-	119.233
Plus CY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (\$ in Millions)	101.574	2.453	2.378	1.267	-	1.267	3.173	3.016	2.572	2.800	-	119.233
(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)												

(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)												
Initial Spares (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Flyaway Unit Cost (Units in Thousands)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost (Units in Thousands)	-	-	-	-	-	-	-	-	-	-	-	-

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

#### **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."

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

Exhibit P-40, Budget Item Justification Sheet: PB 2014 Army

Date: April 2013

Appropriation / Budget Activity / Budget Sub Activity:

P-1 Line Item Nomenclature:

2033A: Procurement of W&TCV, Army / BA 03: Spare and Repair Parts / BSA 10:

GE0150 - Spares And Repair Parts (WTCV)

Spares

Program Elements for Code B Items:

Other Related Program Elements: 0211702A, 0211705A

MDAP/MAIS Code(s):

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

	Prior			FY 2014	FY 2014	FY 2014					То	
Resource Summary	Years	FY 2012	FY 2013 <sup>#</sup>	Base	OCO##	Total	FY 2015	FY 2016	FY 2017	FY 2018	Complete	Total
Procurement Quantity (Units in Each)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost (\$ in Millions)	366.548	106.843	31.217	-	-	-	-	-	-	-	-	504.608
Less PY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (\$ in Millions)	366.548	106.843	31.217	-	-	-	-	-	-	-	-	504.608
Plus CY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (\$ in Millions)	366.548	106.843	31.217	-	-	-	-	-	-	-	-	504.608
	(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)											
Initial Spares (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Flyaway Unit Cost (Units in Thousands)	-	-	-	-	-	-	-	-	-	-	-	-

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

## **Description:**

(Units in Thousands)

Gross/Weapon System Unit Cost

This program provides for the procurement of spares to support initial fielding of new or modified end items.

Secor	ndary 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	-	-	-	-	-	-	-

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

Exhibit P-40, Budget Item Justification Sheet: PB 2014 Army		Date: April 2013
Appropriation / Budget Activity / Budget Sub Activity:	P-1 Line Item Nomenclature:	
2033A: Procurement of W&TCV, Army / BA 03: Spare and Repair Parts / BSA 10:	GE0150 - Spares And Repair Parts (WTC)	V)

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

Program Elements for Code B Items:

Other Related Program Elements: 0211702A, 0211705A

## MDAP/MAIS Code(s):

Spares

Item Sche	dule		Р	rior Year	's		FY 2012			FY 2013		FY	2014 Ba	se	FY	2014 O	co	FY	′ 2014 To	otal
Item Nomenclature*	Exhibits	ID CD	Unit Cost	Qty (Each)	Total Cost	Unit Cost	Qty (Each)	Total Cost	Unit Cost	Qty (Each)	Total Cost	Unit Cost	Qty (Each)	Total Cost	Unit Cost	Qty (Each)	Total Cost	Unit Cost	Qty (Each)	Total Cost
SPARES (INITIAL) ABRAMS UPGRADE	P40A		-	-	-	-	-	7.219	-	-	-	-	-	-	-	-	-	-	-	-
SPARES (INITIAL) STRYKER	P40A		-	-	-	-	-	99.624	-	-	31.217	-	-	-	-	-	-	-	-	-
Total Gross/Weapon System Cost					366.548			106.843			31.217			-			-			-

<sup>\*</sup>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 has no 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.