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

April 2013



Army

Justification Book

Missile Procurement, Army

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MISSILE PROCUREMENT, ARMY

Appropriation Language

For construction, procurement, production, modification, and modernization of missile equipment, including ordnance, ground handling equipment, 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 purpose, \$1,477,728 to remain available for obligation until September 30, 2016.

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

20 Mar 2013

Appropriation -----	FY 2012 (Base & OCO) -----	FY 2013 Base Request with CR Adj* -----	FY 2013 OCO Request with CR Adj* -----	Emergency Disaster Relief Act of 2013 -----	FY 2013 Total Request with CR Adj* -----
Missile Procurement, Army	1,587,779	1,439,982	49,653		1,489,635
Total Department of the Army	1,587,779	1,439,982	49,653		1,489,635

P-1C: FY 2014 President's Budget (Published Version), as of March 20, 2013 at 15:33:17

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

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Department of the Army
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 -----
Missile Procurement, Army	1,334,083
Total Department of the Army	1,334,083

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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: Missile Procurement, Army

Budget Activity -----	FY 2012 (Base & OCO) -----	FY 2013 Base Request with CR Adj* -----	FY 2013 OCO Request with CR Adj* -----	Emergency Disaster Relief Act of 2013 -----	FY 2013 Total Request with CR Adj* -----
02. Other Missiles	1,468,495	1,076,102	49,653		1,125,755
03. Modification of Missiles	102,148	208,099			208,099
04. Spares and Repair Parts	6,960	7,864			7,864
05. Support Equipment and Facilities	10,176	10,624			10,624
20. Undistributed		137,293			137,293
Total Missile Procurement, Army	1,587,779	1,439,982	49,653		1,489,635

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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: Missile Procurement, Army

Budget Activity -----	FY 2014 Base -----
02. Other Missiles	980,932
03. Modification of Missiles	331,366
04. Spares and Repair Parts	11,222
05. Support Equipment and Facilities	10,563
20. Undistributed	
Total Missile Procurement, Army	1,334,083

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: 2032A Missile Procurement, Army

Line No	Item Nomenclature	Ident Code	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*		S e c
			Quantity	Cost	Quantity	Cost	Quantity	Cost	Quantity	Cost	Quantity	Cost	
Budget Activity 02: Other Missiles													

Surface-to-Air Missile System													
1	Patriot System Summary	A	84	662,231	84	646,590					84	646,590	U
2	MSE Missile			74,953		12,850						12,850	U
Air-To-Surface Missile System													
3	Hellfire Sys Summary	A	907	108,966		1,401	161	29,100			161	30,501	U
Anti-Tank/Assault Missile Sys													
4	Javelin (Aaws-M) System Summary		710	172,502	400	81,121					400	81,121	U
5	Tow 2 System Summary	A	802	(95,296)	1403	(84,598)					1403	(84,598)	U
	Less: Advance Procurement (PY)			(-48,355)		(-19,886)						(-19,886)	U
				46,941		64,712						64,712	
6	Tow 2 System Summary Advance Procurement (CY)			19,886		19,931						19,931	U
7	Guided MLRS Rocket (GMLRS)		3194	333,167	1608	218,679	186	20,553			1794	239,232	U
8	MLRS Reduced Range Practice Rockets (RRPR)		2370	18,175	2430	18,767					2430	18,767	U
9	High Mobility Artillery Rocket System			31,674		12,051						12,051	U
Total Other Missiles				1,468,495		1,076,102		49,653				1,125,755	

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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: 2032A Missile Procurement, Army

Line No	Item Nomenclature	Ident Code	FY 2014 Base Quantity	Base Cost	Se c
Budget Activity 02: Other Missiles					
Surface-to-Air Missile System					
1	Patriot System Summary	A			U
2	MSE Missile		56	540,401	U
Air-To-Surface Missile System					
3	Hellfire Sys Summary	A		4,464	U
Anti-Tank/Assault Missile Sys					
4	Javelin (Aaws-M) System Summary		449	110,510	U
5	Tow 2 System Summary	A	988	(69,285)	U
	Less: Advance Procurement (PY)			(-19,931)	U
				49,354	
6	Tow 2 System Summary Advance Procurement (CY)			19,965	U
7	Guided MLRS Rocket (GMLRS)		1788	237,216	U
8	MLRS Reduced Range Practice Rockets (RRPR)		2412	19,022	U
9	High Mobility Artillery Rocket System				U
Total Other Missiles				980,932	

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: 2032A Missile Procurement, Army

Line No	Item Nomenclature	Ident Code	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*		S e c
			Quantity	Cost	Quantity	Cost	Quantity	Cost	Quantity	Cost	Quantity	Cost	
Budget Activity 03: Modification of Missiles													

Modifications													
10	Patriot Mods			68,665		199,565						199,565	U
11	Stinger Mods												U
12	Itas/Tow Mods			13,577									U
13	MLRS Mods			8,236		2,466						2,466	U
14	Himars Modifications			11,670		6,068						6,068	U
Total Modification of Missiles				102,148		208,099						208,099	
Budget Activity 04: Spares and Repair Parts													

Spares and Repair Parts													
15	Spares and Repair Parts			6,960		7,864						7,864	U
Total Spares and Repair Parts				6,960		7,864						7,864	
Budget Activity 05: Support Equipment and Facilities													

Support Equipment & Facilities													
16	Air Defense Targets			3,674		3,864						3,864	U
17	Items Less Than \$5.0m (Missiles)			1,459		1,560						1,560	U
18	Production Base Support			5,043		5,200						5,200	U
Total Support Equipment and Facilities				10,176		10,624						10,624	

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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: 2032A Missile Procurement, Army

Line No	Item Nomenclature	Ident Code	FY 2014		S e c
			Quantity	Base Cost	
Budget Activity 03: Modification of Missiles					

Modifications					
10	Patriot Mods			256,438	U
11	Stinger Mods			37,252	U
12	Itas/Tow Mods			20,000	U
13	MLRS Mods			11,571	U
14	Himars Modifications			6,105	U
Total Modification of Missiles				331,366	
Budget Activity 04: Spares and Repair Parts					

Spares and Repair Parts					
15	Spares and Repair Parts			11,222	U
Total Spares and Repair Parts				11,222	
Budget Activity 05: Support Equipment and Facilities					

Support Equipment & Facilities					
16	Air Defense Targets			3,530	U
17	Items Less Than \$5.0m (Missiles)			1,748	U
18	Production Base Support			5,285	U
Total Support Equipment and Facilities				10,563	

P-1C: FY 2014 President's Budget (Published Version), as of March 20, 2013 at 15:33:17

Department of the Army
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 (Dollars in Thousands)

20 Mar 2013

Appropriation: 2032A Missile Procurement, Army

Line No	Item Nomenclature	Ident Code	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*		S e c
			Quantity	Cost	Quantity	Cost	Quantity	Cost	Quantity	Cost	Quantity	Cost	
Budget Activity 20: Undistributed													

Undistributed													
19	Adj to Match Continuing Resolution	A				137,293						137,293	U
Total Undistributed						137,293						137,293	
Total Missile Procurement, Army				1,587,779		1,439,982		49,653				1,489,635	

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 (Dollars in Thousands)

20 Mar 2013

Appropriation: 2032A Missile Procurement, Army

Line No	Item Nomenclature	Ident Code	FY 2014 Base Quantity	Base Cost	Se
Budget Activity 20: Undistributed					

Undistributed					
19	Adj to Match Continuing Resolution	A			U

Total Undistributed					

Total Missile Procurement, Army			1,334,083		

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

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Appropriation 2032A: Missile Procurement, Army

Line #	BA	BSA	Line Item Number	Line Item Title	Page
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Line Item Table of Contents (Alphabetically by Line Item Title)

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Guided MLRS Rocket (GMLRS)	C64400	7	02	30.....	50
HIMARS Modifications	C67501	15	03	10.....	118
Hellfire Sys Summary	C70000	3	02	20.....	18
High Mobility Artillery Rocket System (HIMARS)	C02901	9	02	30.....	69
ITAS/TOW Mods	C61700	13	03	10.....	98
Items Less Than \$5.0m (Missiles)	CL2000	18	05	10.....	129
Javelin (AAWS-M) System Summary	CC0007	4	02	30.....	27
MLRS Mods	C67500	14	03	10.....	103
MLRS Reduced Range Practice Rockets (RRPR)	C65405	8	02	30.....	60
MSE Missile	C53101	2	02	10.....	9
Patriot Mods	C50700	11	03	10.....	74
Patriot System Summary	C49100	1	02	10.....	1
Production Base Support	CA0100	19	05	10.....	133
Spares And Repair Parts	CA0250	16	04	10.....	125
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Line Item Title	Line Item Number	Line #	BA	BSA	Page
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Exhibit P-40, Budget Item Justification Sheet: PB 2014 Army **Date:** April 2013

Appropriation / Budget Activity / Budget Sub Activity: 2032A: Missile Procurement, Army / BA 02: Other Missiles / BSA 10: Surface-To-Air Missile System
P-1 Line Item Nomenclature: C49100 - Patriot System Summary

ID Code (A=Service Ready, B=Not Service Ready) : A **Program Elements for Code B Items:** **Other Related Program Elements:** 0605456A, 0604865A, 0603869A, 0214400A, 0214401A, 0607865A

MDAP/MAIS Code(s):

Resource Summary	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
Procurement Quantity (<i>Units in Each</i>)	1,182	88	84	-	-	-	-	-	-	-	-	1,354
Gross/Weapon System Cost (<i>\$ in Millions</i>)	9,447.237	662.231	646.590	-	-	-	-	-	-	-	-	10,756.058
Less PY Advance Procurement (<i>\$ in Millions</i>)	123.343	-	-	-	-	-	-	-	-	-	-	123.343
Net Procurement (P1) (<i>\$ in Millions</i>)	9,323.894	662.231	646.590	-	-	-	-	-	-	-	-	10,632.715
Plus CY Advance Procurement (<i>\$ in Millions</i>)	123.343	-	-	-	-	-	-	-	-	-	-	123.343
Total Obligation Authority (<i>\$ in Millions</i>)	9,447.237	662.231	646.590	-	-	-	-	-	-	-	-	10,756.058

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

Initial Spares (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Flyaway Unit Cost (<i>Units in Thousands</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost (<i>Units in Thousands</i>)	7,992.586	7,525.352	7,697.500	-	-	-	-	-	-	-	-	7.944

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

^{##} The FY 2014 OCO Request will be submitted at a later date

Description:

PATRIOT is an advanced Surface-to-Air guided missile system with a high probability of kill, capable of operation in the presence of Electronic Countermeasures (ECM) and able to conduct multiple simultaneous engagements against high performance air breathing targets and ballistic missiles likely to be encountered by U.S. Forces. The system utilizes a multifunction Phased Array Radar, a digital computer controlling system function, a guidance system combining command and homing (track-via-missile) features, and provides the operator the ability to control operations. The system integrates with the U.S. Air Force and U.S. Navy in the overall air defense theater operations (migrating to an integrated architecture). The PATRIOT Advanced Capability 3 (PAC-3) program is a result of a series of integrated, phased system improvements in combination with the PAC-3 missile, which uses hit-to-kill technology. Radar enhancements, communications upgrades, and increased command, control, and computer capability (with IAMD integration) will increase PATRIOT's effectiveness, survivability, flexibility of defense design, footprint, and detection of smaller low radar cross section targets.

Secondary Distribution		FY 2012	FY 2013	FY 2014 Base	FY 2014 OCO	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018
Army	Quantity	88	84	-	-	-	-	-	-	-
	Total Obligation Authority	662.231	646.590	-	-	-	-	-	-	-

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

Appropriation / Budget Activity / Budget Sub Activity:
 2032A: Missile Procurement, Army / BA 02: Other Missiles / BSA 10: Surface-To-Air Missile System

P-1 Line Item Nomenclature:
 C49100 - Patriot System Summary

ID Code (A=Service Ready, B=Not Service Ready) : A **Program Elements for Code B Items:** **Other Related Program Elements:** 0605456A, 0604865A, 0603869A, 0214400A, 0214401A, 0607865A

MDAP/MAIS Code(s):

Item Schedule		ID CD	Prior Years			FY 2012			FY 2013			FY 2014 Base			FY 2014 OCO			FY 2014 Total		
Item Nomenclature*	Exhibits		Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)
C49200 - PATRIOT PAC-3	P5, P5A, P21	A	7,992.586	-	9,447.237	7,525.352	88	662.231	7,697.500	84	646.590	-	-	-	-	-	-	-	-	-
Total Gross/Weapon System Cost					9,447.237			662.231			646.590			-			-			-

*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:

There is no funding requested in FY14.

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Exhibit P-5, Cost Analysis: PB 2014 Army				Date: April 2013				
Appropriation / Budget Activity / Budget Sub Activity: 2032A: Missile Procurement, Army / BA 02: Other Missiles / BSA 10: Surface-To-Air Missile System		MDAP/MAIS Code: 148	P-1 Line Item Nomenclature: C49100 - Patriot System Summary			Item Nomenclature (Item Number - Item Name, DODIC): C49200 - PATRIOT PAC-3		

Resource Summary	Prior Years	FY 2012	FY 2013[#]	FY 2014 Base	FY 2014 OCO^{##}	FY 2014 Total
Procurement Quantity (Units in Each)	-	88	84	-	-	-
Gross/Weapon System Cost (\$ in Millions)	9,447.237	662.231	646.590	-	-	-
Less PY Advance Procurement (\$ in Millions)	123.343	-	-	-	-	-
Net Procurement (P1) (\$ in Millions)	9,323.894	662.231	646.590	-	-	-
Plus CY Advance Procurement (\$ in Millions)	123.343	-	-	-	-	-
Total Obligation Authority (\$ in Millions)	9,447.237	662.231	646.590	-	-	-

(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)	7,992.586	7,525.352	7,697.500	-	-	-

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

^{##} The FY 2014 OCO Request will be submitted at a later date

Cost Elements († indicates the presence of a P-5A)	ID CD	All Prior Years			FY 2012			FY 2013			FY 2014 Base			FY 2014 OCO			FY 2014 Total		
		Unit Cost (\$ K)	Quantity (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Quantity (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Quantity (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Quantity (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Quantity (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Quantity (Each)	Total Cost (\$ M)
Flyaway Cost																			
Recurring Cost																			
† Missile Hardware		1,110.000	7,292	8,094.619	3,434.000	88	302.200	3,846.000	84	323.100	-	-	-	-	-	-	-	-	-
Field Surveillance		-	-	160.870	-	-	30.000	-	-	30.000	-	-	-	-	-	-	-	-	-
PAC-3 Missile Support Center (P3MSC)		-	-	-	-	-	37.400	-	-	16.400	-	-	-	-	-	-	-	-	-
Obsolescence		-	-	100.019	-	-	31.989	-	-	20.000	-	-	-	-	-	-	-	-	-
Tooling/Maintenance		-	-	2.700	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Initial Production Facilitization		-	-	57.288	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Enhanced Launcher Electronic System		1,811.000	8	14.490	3,822.000	36	137.592	3,294.000	38	125.172	-	-	-	-	-	-	-	-	-
Electric Power Plants		-	-	322.050	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Limited User Testing		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Contractor Engineering		-	-	172.694	-	-	51.681	-	-	54.634	-	-	-	-	-	-	-	-	-
Government/Software Engineering		-	-	123.183	-	-	25.841	-	-	29.158	-	-	-	-	-	-	-	-	-
Sys Engrg/Proj Mgmt (SEPM)		-	-	114.904	-	-	18.457	-	-	19.511	-	-	-	-	-	-	-	-	-
Integrated Logistics Support		-	-	9.099	-	-	15.997	-	-	16.909	-	-	-	-	-	-	-	-	-
Depot Maint Plant Equipment (DMPE)		-	-	65.321	-	-	1.230	-	-	1.301	-	-	-	-	-	-	-	-	-

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Exhibit P-5, Cost Analysis: PB 2014 Army													Date: April 2013					
Appropriation / Budget Activity / Budget Sub Activity: 2032A: Missile Procurement, Army / BA 02: Other Missiles / BSA 10: Surface-To-Air Missile System					MDAP/MAIS Code: 148			P-1 Line Item Nomenclature: C49100 - Patriot System Summary					Item Nomenclature (Item Number - Item Name, DODIC): C49200 - PATRIOT PAC-3					

Cost Elements († indicates the presence of a P-5A)	ID CD	All Prior Years			FY 2012			FY 2013			FY 2014 Base			FY 2014 OCO			FY 2014 Total		
		Unit Cost (\$ K)	Quantity (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Quantity (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Quantity (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Quantity (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Quantity (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Quantity (Each)	Total Cost (\$ M)
Fielding		-	-	-	-	-	9.844	-	-	10.405	-	-	-	-	-	-	-	-	-
<i>Total Recurring Cost</i>				9,237.237			662.231			646.590			-			-			-
<i>Total Flyaway Cost</i>				9,237.237			662.231			646.590			-			-			-
Gross Weapon System Cost				9,447.237			662.231			646.590			-			-			-

P-5 Remarks:

Secondary Distribution		FY 2012	FY 2013	FY 2014 Base	FY 2014 OCO	FY 2014 Total
Army	Quantity	88	84	-	-	-
	Total Obligation Authority	662.231	646.590	-	-	-

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Exhibit P-5A, Budget Procurement History and Planning: PB 2014 Army										Date: April 2013		
Appropriation / Budget Activity / Budget Sub Activity: 2032A: Missile Procurement, Army / BA 02: Other Missiles / BSA 10: Surface-To-Air Missile System				P-1 Line Item Nomenclature: C49100 - Patriot System Summary				Item Nomenclature: C49200 - PATRIOT PAC-3				
Cost Elements <small>(† indicates the presence of a P-21)</small>	O C O	FY	Contractor and Location	Method/Type, or Funding Vehicle	Location of PCO	Award Date	Date of First Delivery	Qty <small>(Each)</small>	Unit Cost <small>(\$ K.)</small>	Specs Avail Now?	Date Revsn Avail	RFP Issue Date
†Missile Hardware		2012	LMMFC / Dallas, TX	SS / FFP	AMCOM	Jan 2012	Aug 2013	88	3,434.000	N		Mar 2011
†Missile Hardware		2013	LMMFC / Dallas, TX	SS / FFP	AMCOM	Dec 2012	Aug 2014	84	3,846.000	N		Mar 2012
Remarks: LMMFC - Lockheed Martin Missiles and Fire Control SS - Sole Source FFP - Firm Fixed Price AMCOM - US Army Aviation and Missile Command MDAP: 148												

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Exhibit P-21, Budget Production Schedule: PB 2014 Army		Date: April 2013
Appropriation / Budget Activity / Budget Sub Activity: 2032A: Missile Procurement, Army / BA 02: Other Missiles / BSA 10: Surface-To-Air Missile System		P-1 Line Item Nomenclature: C49100 - Patriot System Summary
		Item Nomenclature: C49200 - PATRIOT PAC-3

Cost Elements <i>(Units in Each)</i>						Fiscal Year 2012												Fiscal Year 2013																
O C C O	M F R #	FY	SERVICE [±]	PROC QTY	ACCEP PRIOR TO 1 OCT 2011	BAL DUE AS OF 1 OCT	Calendar Year 2012												Calendar Year 2013															
							O C T	N O V	D E C	J A N	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			
Missile Hardware																																		
All Prior Years Deliveries: 1182																																		
1	2012	ARMY		88	-	88	-	-	-	A -	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	20	20	48
1	2012	♦ FMS		154	-	154	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	154
1	2012	TOTAL		242	-	242	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	20	20	202	
1	2013	ARMY		84	-	84	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	84
1	2013	♦ FMS		100	-	100	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	100
1	2013	TOTAL		184	-	184	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	184
							O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	B A L			

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Exhibit P-21, Budget Production Schedule: PB 2014 Army															Date: April 2013														
Appropriation / Budget Activity / Budget Sub Activity: 2032A: Missile Procurement, Army / BA 02: Other Missiles / BSA 10: Surface-To-Air Missile System										P-1 Line Item Nomenclature: C49100 - Patriot System Summary										Item Nomenclature: C49200 - PATRIOT PAC-3									

Cost Elements <i>(Units in Each)</i>						Fiscal Year 2014										Fiscal Year 2015															
O C C O	M F R #	FY	SERVICE [±]	PROC QTY	ACCEP PRIOR TO 1 OCT 2013	BAL DUE AS OF 1 OCT	Calendar Year 2014										Calendar Year 2015										B A L				
							O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y		J U N	J U L	A U G	S E P
Missile Hardware																															
All Prior Years Deliveries: 1182																															
1	2012	ARMY		88	40	48	22	22	4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
1	2012	♦ FMS		154	-	154	-	-	14	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20		
1	2012	TOTAL		242	40	202	22	22	18	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20		
1	2013	ARMY		84	-	84	-	-	-	-	-	-	-	-	-	-	8	12	8	12	8	12	12	12	12	-	-	-	-		
1	2013	♦ FMS		100	-	100	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	32	36	32			
1	2013	TOTAL		184	-	184	-	-	-	-	-	-	-	-	-	-	8	12	8	12	8	12	12	12	12	-	32	36	32		
							O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	B A L

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Exhibit P-21, Budget Production Schedule: PB 2014 Army		Date: April 2013
Appropriation / Budget Activity / Budget Sub Activity: 2032A: Missile Procurement, Army / BA 02: Other Missiles / BSA 10: Surface-To-Air Missile System	P-1 Line Item Nomenclature: C49100 - Patriot System Summary	Item Nomenclature: C49200 - PATRIOT PAC-3

MFR #	MFR Name - Location	Production Rates (Each / Month)			Procurement Leadtime (Months)							
		MSR	1-8-5	MAX	Initial				Reorder			
					ALT Prior to Oct 1	ALT After Oct 1	Mfg PLT	Total After Oct 1	ALT Prior to Oct 1	ALT After Oct 1	Mfg PLT	Total After Oct 1
1	LMMFC - Dallas, TX	72.00	240.00	360.00	2	4	25	29	6	3	22	25

Remarks:
 FY12 154 = Taiwan FMS Case (154 PAC-3 Missiles) FY13 40 = Taiwan FMS Case (40 PAC-3 Missiles) FY13 60 = Kuwait FMS Case (60 PAC-3 Missiles) Production Rates reflect annual production capacity.
 ‡ Delivery rows marked with the ♦ symbol indicate that they are funded through a separate Line Item. See the respective components' exhibits for details, including the full delivery schedule.
 "A" in the Delivery Schedule indicated the Contract Award Date.
 Due to space limitations, quantities in the Exhibit P-21 delivery calendar are truncated and rounded based on the maximum quantity in the calendar as follows. If the maximum quantity is less than or equal to than 99,999, all quantities are shown as each. If the maximum quantity is between 100,000 and 99,999,499 all quantities are shown in thousands (rounded to the nearest thousand). If the maximum quantity is greater than 99,999,499 all quantities are shown in millions (rounded to the nearest million).

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

Appropriation / Budget Activity / Budget Sub Activity:
2032A: Missile Procurement, Army / BA 02: Other Missiles / BSA 10: Surface-To-Air Missile System

P-1 Line Item Nomenclature:
C53101 - MSE Missile

ID Code (A=Service Ready, B=Not Service Ready) : **Program Elements for Code B Items:** **Other Related Program Elements:** 0604865A, 0603869A, 0604869A, 0605456A

MDAP/MAIS Code(s):

Resource Summary	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
Procurement Quantity (<i>Units in Each</i>)	-	-	-	56	-	56	72	80	82	104	Continuing	Continuing
Gross/Weapon System Cost (<i>\$ in Millions</i>)	-	74.953	12.850	540.401	-	540.401	540.520	559.623	566.757	655.184	Continuing	Continuing
Less PY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (<i>\$ in Millions</i>)	-	74.953	12.850	540.401	-	540.401	540.520	559.623	566.757	655.184	Continuing	Continuing
Plus CY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (<i>\$ in Millions</i>)	-	74.953	12.850	540.401	-	540.401	540.520	559.623	566.757	655.184	Continuing	Continuing

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

Initial Spares (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Flyaway Unit Cost (<i>Units in Thousands</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost (<i>Units in Thousands</i>)	-	-	-	9,650.018	-	9,650.018	7,507.222	6,995.288	6,911.671	6,299.846	Continuing	Continuing

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

^{##} The FY 2014 OCO Request will be submitted at a later date

Description:

The Missile Segment Enhancement (MSE) missile evolves from the PATRIOT Advanced Capability 3 (PAC-3) missile. The MSE upgrade takes the PAC-3 Cost Reduction Initiative (CRI) missile design and improves on it with a higher performance, dual pulse, eleven-inch diameter Solid Rocket Motor (SRM) design, improved Lethality Enhancer, thermally hardened front end for longer fly out, upgraded batteries, enlarged fixed fins, more responsive control surfaces, and upgraded guidance software. These improvements provide a more agile, lethal interceptor missile, which results in a substantial missile performance improvement while enhancing Insensitive Munitions (IM) compliance. A more IM compliant propellant for the SRM is being developed for the MSE program as well as a less sensitive Lethality Enhancer. A single canister design provides enhanced Warfighter and logistics flexibility, and facilitates Insensitive Munitions (IM) compliance for greater Warfighter safety. The MSE is being developed to fire from the PATRIOT system for the U.S. and is also the internationally accepted missile for MEADS (as FMS case).

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	-	-	56	-	56	72	80	82	104
	Total Obligation Authority	74.953	12.850	540.401	-	540.401	540.520	559.623	566.757	655.184

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

Appropriation / Budget Activity / Budget Sub Activity: 2032A: Missile Procurement, Army / BA 02: Other Missiles / BSA 10: Surface-To-Air Missile System
P-1 Line Item Nomenclature: C53101 - MSE Missile

ID Code (A=Service Ready, B=Not Service Ready) : **Program Elements for Code B Items:** **Other Related Program Elements:** 0604865A, 0603869A, 0604869A, 0605456A

MDAP/MAIS Code(s):

Item Schedule		ID CD	Prior Years			FY 2012			FY 2013			FY 2014 Base			FY 2014 OCO			FY 2014 Total		
Item Nomenclature*	Exhibits		Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)
C53101 - MSE Missile	P5, P5A, P21		-	-	-	-	-	74.953	-	-	12.850	9,650.018	56	540.401	-	-	-	9,650.018	56	540.401
Total Gross/Weapon System Cost								74.953			12.850			540.401			-			540.401

Item Schedule		ID CD	FY 2015			FY 2016			FY 2017			FY 2018			To Complete			Total		
Item Nomenclature*	Exhibits		Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)
C53101 - MSE Missile	P5, P5A, P21		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Total Gross/Weapon System Cost					540.520			559.623			566.757			655.184	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:

The FY 2014 Base procurement dollars in the amount of \$540.401 million supports the production of 56 Missile Segment Enhancement (MSE) missiles and supporting equipment.

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

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Exhibit P-5, Cost Analysis: PB 2014 Army							Date: April 2013				
Appropriation / Budget Activity / Budget Sub Activity: 2032A: Missile Procurement, Army / BA 02: Other Missiles / BSA 10: Surface-To-Air Missile System			MDAP/MAIS Code: 148		P-1 Line Item Nomenclature: C53101 - MSE Missile			Item Nomenclature (Item Number - Item Name, DODIC): C53101 - MSE Missile			

Resource Summary	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
Procurement Quantity (Units in Each)	-	-	-	56	-	56	-	-	-	-	Continuing	Continuing
Gross/Weapon System Cost (\$ in Millions)	-	74.953	12.850	540.401	-	540.401	-	-	-	-	Continuing	Continuing
Less PY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (\$ in Millions)	-	74.953	12.850	540.401	-	540.401	-	-	-	-	Continuing	Continuing
Plus CY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (\$ in Millions)	-	74.953	12.850	540.401	-	540.401	-	-	-	-	Continuing	Continuing

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

Initial Spares (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost (Units in Thousands)	-	-	-	9,650.018	-	9,650.018	-	-	-	-	Continuing	Continuing

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

^{##} The FY 2014 OCO Request will be submitted at a later date

Cost Elements († indicates the presence of a P-5A)	ID CD	All Prior Years			FY 2012			FY 2013			FY 2014 Base			FY 2014 OCO			FY 2014 Total		
		Unit Cost (\$ K)	Quantity (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Quantity (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Quantity (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Quantity (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Quantity (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Quantity (Each)	Total Cost (\$ M)
Flyaway Cost																			
Recurring Cost																			
† Missile Hardware		-	-	-	-	-	-	-	-	-	4,999.000	56	279.942	-	-	-	4,999.000	56	279.942
Field Surveillance		-	-	-	-	-	-	-	-	-	-	-	25.900	-	-	-	-	-	25.900
PAC-3 Missile Support Center (P3MSC)		-	-	-	-	-	-	-	-	-	-	-	12.000	-	-	-	-	-	12.000
Obsolescence		-	-	-	-	-	-	-	-	-	-	-	20.509	-	-	-	-	-	20.509
LS Mods		-	-	-	-	-	-	-	-	-	-	-	13.300	-	-	-	-	-	13.300
Heater Kits		-	-	-	-	-	-	-	-	-	-	-	2.500	-	-	-	-	-	2.500
MRT/ERT		-	-	-	-	-	-	-	-	-	-	-	56.800	-	-	-	-	-	56.800
CARM		-	-	-	-	-	-	-	-	-	-	-	7.100	-	-	-	-	-	7.100
Initial Production Facilitization		-	-	-	-	-	74.513	-	-	12.397	-	-	-	-	-	-	-	-	-
Contractor Engineering		-	-	-	-	-	-	-	-	-	-	-	51.416	-	-	-	-	-	51.416
Government/Software Engineering		-	-	-	-	-	0.440	-	-	0.453	-	-	25.683	-	-	-	-	-	25.683
Sys Engrg/Proj Mgmt (SEPM)		-	-	-	-	-	-	-	-	-	-	-	18.345	-	-	-	-	-	18.345
Integrated Logistics Support		-	-	-	-	-	-	-	-	-	-	-	26.906	-	-	-	-	-	26.906

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Exhibit P-5, Cost Analysis: PB 2014 Army													Date: April 2013					
Appropriation / Budget Activity / Budget Sub Activity: 2032A: Missile Procurement, Army / BA 02: Other Missiles / BSA 10: Surface-To-Air Missile System							MDAP/MAIS Code: 148			P-1 Line Item Nomenclature: C53101 - MSE Missile			Item Nomenclature (Item Number - Item Name, DODIC): C53101 - MSE Missile					

Cost Elements († indicates the presence of a P-5A)	ID CD	All Prior Years			FY 2012			FY 2013			FY 2014 Base			FY 2014 OCO			FY 2014 Total		
		Unit Cost (\$ K)	Quantity (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Quantity (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Quantity (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Quantity (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Quantity (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Quantity (Each)	Total Cost (\$ M)
Total Recurring Cost				-			74.953			12.850			540.401			-			540.401
Total Flyaway Cost				-			74.953			12.850			540.401			-			540.401
Gross Weapon System Cost				-			74.953			12.850			540.401			-			540.401

Cost Elements († indicates the presence of a P-5A)	ID CD	FY 2015			FY 2016			FY 2017			FY 2018			To Complete			Total Cost		
		Unit Cost (\$ K)	Quantity (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Quantity (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Quantity (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Quantity (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Quantity (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Quantity (Each)	Total Cost (\$ M)
Flyaway Cost																			
Recurring Cost																			
† Missile Hardware		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Field Surveillance		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
PAC-3 Missile Support Center (P3MSC)		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Obsolescence		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
LS Mods		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Heater Kits		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MRT/ERT		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
CARM		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Initial Production Facilitization		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Contractor Engineering		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Government/Software Engineering		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Sys Engrg/Proj Mgmt (SEPM)		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Integrated Logistics Support		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Total Recurring Cost				-			-			-			-			-			-
Total Flyaway Cost				-			-			-			-			-			-
Gross Weapon System Cost				-			-			-			-	Continuing			Continuing		

P-5 Remarks:

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Exhibit P-5, Cost Analysis: PB 2014 Army							Date: April 2013		
Appropriation / Budget Activity / Budget Sub Activity: 2032A: Missile Procurement, Army / BA 02: Other Missiles / BSA 10: Surface-To-Air Missile System			MDAP/MAIS Code: 148		P-1 Line Item Nomenclature: C53101 - MSE Missile		Item Nomenclature (Item Number - Item Name, DODIC): C53101 - MSE Missile		

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	-	-	56	-	56	-	-	-	-
	Total Obligation Authority	74.953	12.850	540.401	-	540.401	-	-	-	-

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Exhibit P-5A, Budget Procurement History and Planning: PB 2014 Army										Date: April 2013		
Appropriation / Budget Activity / Budget Sub Activity: 2032A: Missile Procurement, Army / BA 02: Other Missiles / BSA 10: Surface-To-Air Missile System				P-1 Line Item Nomenclature: C53101 - MSE Missile				Item Nomenclature: C53101 - MSE Missile				
Cost Elements <small>(† indicates the presence of a P-21)</small>	O C O	FY	Contractor and Location	Method/Type, or Funding Vehicle	Location of PCO	Award Date	Date of First Delivery	Qty <i>(Each)</i>	Unit Cost <i>(\$ K.)</i>	Specs Avail Now?	Date Revsn Avail	RFP Issue Date
†Missile Hardware		2014	LMMFC / Dallas, TX	SS / FFP	AMCOM, RSA, AL	Mar 2014	Aug 2015	56	4,999.000			Mar 2013

Remarks:
FY 2012 and FY 2013 base procurement dollars funded the effort to facilitate the production line in support of the FY 2014 MSE production buy and the option to this contract to finalize rate tooling.

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Exhibit P-21, Budget Production Schedule: PB 2014 Army															Date: April 2013									
Appropriation / Budget Activity / Budget Sub Activity: 2032A: Missile Procurement, Army / BA 02: Other Missiles / BSA 10: Surface-To-Air Missile System										P-1 Line Item Nomenclature: C53101 - MSE Missile										Item Nomenclature: C53101 - MSE Missile				

Cost Elements <i>(Units in Each)</i>						Fiscal Year 2014												Fiscal Year 2015												
O C C O	M F R #	FY	SERVICE [±]	PROC QTY	ACCEP PRIOR TO 1 OCT 2013	BAL DUE AS OF 1 OCT	Calendar Year 2014												Calendar Year 2015											
							O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P

Missile Hardware																																
1	2014	ARMY		56	-	56	-	-	-	-	-	A -	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	6	4	46

							O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	B A L
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Exhibit P-21, Budget Production Schedule: PB 2014 Army														Date: April 2013																											
Appropriation / Budget Activity / Budget Sub Activity: 2032A: Missile Procurement, Army / BA 02: Other Missiles / BSA 10: Surface-To-Air Missile System														P-1 Line Item Nomenclature: C53101 - MSE Missile														Item Nomenclature: C53101 - MSE Missile													

Cost Elements <i>(Units in Each)</i>						Fiscal Year 2016												Fiscal Year 2017												
O C C O	M F R #	FY	SERVICE‡	PROC QTY	ACCEP PRIOR TO 1 OCT 2015	BAL DUE AS OF 1 OCT	Calendar Year 2016												Calendar Year 2017											
							O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P

Missile Hardware																																	
1	2014	ARMY		56	10	46	4	4	4	4	4	4	4	8	4	6																	-

							O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	B A L
--	--	--	--	--	--	--	-------------	-------------	-------------	-------------	-------------	-------------	-------------	-------------	-------------	-------------	-------------	-------------	-------------	-------------	-------------	-------------	-------------	-------------	-------------	-------------	-------------	-------------	-------------	-------------	-------------

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Exhibit P-21, Budget Production Schedule: PB 2014 Army		Date: April 2013
Appropriation / Budget Activity / Budget Sub Activity: 2032A: Missile Procurement, Army / BA 02: Other Missiles / BSA 10: Surface-To-Air Missile System	P-1 Line Item Nomenclature: C53101 - MSE Missile	Item Nomenclature: C53101 - MSE Missile

MFR #	MFR Name - Location	Production Rates (Each / Month)			Procurement Leadtime (Months)							
		MSR	1-8-5	MAX	Initial				Reorder			
					ALT Prior to Oct 1	ALT After Oct 1	Mfg PLT	Total After Oct 1	ALT Prior to Oct 1	ALT After Oct 1	Mfg PLT	Total After Oct 1
1	LMMFC - Dallas, TX	72.00	240.00	360.00	6	6	23	29	-	-	-	-

Remarks:
 Production Rates reflect annual production capacity.
 "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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Exhibit P-40, Budget Item Justification Sheet: PB 2014 Army **Date:** April 2013

Appropriation / Budget Activity / Budget Sub Activity:
2032A: Missile Procurement, Army / BA 02: Other Missiles / BSA 20: Air-To-Surface Missile System

P-1 Line Item Nomenclature:
C70000 - Hellfire Sys Summary

ID Code (A=Service Ready, B=Not Service Ready) : **Program Elements for Code B Items:** **Other Related Program Elements:** 0203802A, 0210109A

MDAP/MAIS Code(s):

Resource Summary	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
Procurement Quantity (<i>Units in Each</i>)	-	907	161	-	-	-	-	-	-	-	Continuing	Continuing
Gross/Weapon System Cost (<i>\$ in Millions</i>)	2,940.145	108.966	30.501	4.464	-	4.464	21.445	19.237	14.998	15.045	Continuing	Continuing
Less PY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (<i>\$ in Millions</i>)	2,940.145	108.966	30.501	4.464	-	4.464	21.445	19.237	14.998	15.045	Continuing	Continuing
Plus CY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (<i>\$ in Millions</i>)	2,940.145	108.966	30.501	4.464	-	4.464	21.445	19.237	14.998	15.045	Continuing	Continuing

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

Initial Spares (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Flyaway Unit Cost (<i>Units in Thousands</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost (<i>Units in Thousands</i>)	-	120.139	189.447	-	-	-	-	-	-	-	Continuing	Continuing

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

^{##} The FY 2014 OCO Request will be submitted at a later date

Description:

The Laser HELLFIRE II system family of air-to-ground missiles (all variants) provides attack helicopters and unmanned aircraft systems (UAS) with point-target precision strike capability to defeat heavy, advanced armor, individual hard point and non-traditional targets. HELLFIRE II missiles use a semi-active laser terminal guidance and are the primary armament of the AH-64 Apache, OH-58 Kiowa Warrior, Army UAS and Special Operations aircraft. The HELLFIRE II includes Electro-Optical Countermeasure capability, warhead improvements and an updated electronic fuze. The AGM-114R (Romeo) HELLFIRE II missile will be the single variant that replaces all other HELLFIRE II missile configurations (K/N/M/P). HELLFIRE II Romeo procurement funding supports the entire HELLFIRE II system, to include resolution of obsolescence, safety, reliability, weapon integration activities, test sets, engineering changes and production issues. This missile will be compatible on all current force Unmanned Aircraft Systems (UAS) and rotary wing platforms.

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	907	161	-	-	-	-	-	-	-
	Total Obligation Authority	108.966	30.501	4.464	-	4.464	21.445	19.237	14.998	15.045

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

Appropriation / Budget Activity / Budget Sub Activity:
2032A: Missile Procurement, Army / BA 02: Other Missiles / BSA 20: Air-To-Surface Missile System

P-1 Line Item Nomenclature:
C70000 - Hellfire Sys Summary

ID Code (A=Service Ready, B=Not Service Ready) : **Program Elements for Code B Items:** **Other Related Program Elements:** 0203802A, 0210109A

MDAP/MAIS Code(s):

Item Schedule		ID CD	Prior Years			FY 2012			FY 2013			FY 2014 Base			FY 2014 OCO			FY 2014 Total		
Item Nomenclature*	Exhibits		Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)
C70100 - LASER HELLFIRE MSL (BASIC/IHW/HFII)	P5, P5A, P21		-	-	2,940.145	120.139	907	108.966	189.447	161	30.501	-	-	4.464	-	-	-	-	-	4.464
Total Gross/Weapon System Cost					2,940.145			108.966			30.501			4.464			-			4.464

Item Schedule		ID CD	FY 2015			FY 2016			FY 2017			FY 2018			To Complete			Total		
Item Nomenclature*	Exhibits		Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)
C70100 - LASER HELLFIRE MSL (BASIC/IHW/HFII)	P5, P5A, P21		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	Continuing
Total Gross/Weapon System Cost				21.445			19.237			14.998			15.045			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:
FY2014 Base procurement dollars in the amount of \$4.464 million provides system engineering and program management support for HELLFIRE II missiles. These funds continue through the POM to support Army deliveries, work issues from field failures, support the users, address obsolescence and facilitate other service orders. The Army intends to convert any price advantage created through contract negotiations, other service procurement and/or Foreign Military Sales (FMS) into an increase of the Army's procurement of HELLFIRE II missiles. The HELLFIRE Product Office is the procurement agent for all services, for all variants of the HELLFIRE missile.

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

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Exhibit P-5, Cost Analysis: PB 2014 Army							Date: April 2013				
Appropriation / Budget Activity / Budget Sub Activity: 2032A: Missile Procurement, Army / BA 02: Other Missiles / BSA 20: Air-To-Surface Missile System			P-1 Line Item Nomenclature: C70000 - Hellfire Sys Summary				Item Nomenclature (Item Number - Item Name, DODIC): C70100 - LASER HELLFIRE MSL (BASIC/IHW/HFII)				

Resource Summary	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
Procurement Quantity (Units in Each)	-	907	161	-	-	-	-	-	-	-	Continuing	Continuing
Gross/Weapon System Cost (\$ in Millions)	2,940.145	108.966	30.501	4.464	-	4.464	-	-	-	-	Continuing	Continuing
Less PY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (\$ in Millions)	2,940.145	108.966	30.501	4.464	-	4.464	-	-	-	-	Continuing	Continuing
Plus CY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (\$ in Millions)	2,940.145	108.966	30.501	4.464	-	4.464	-	-	-	-	Continuing	Continuing

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

Initial Spares (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost (Units in Thousands)	-	120.139	189.447	-	-	-	-	-	-	-	Continuing	Continuing

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

^{##} The FY 2014 OCO Request will be submitted at a later date

Cost Elements († indicates the presence of a P-5A)	ID CD	All Prior Years			FY 2012			FY 2013			FY 2014 Base			FY 2014 OCO			FY 2014 Total		
		Unit Cost (\$ K)	Quantity (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Quantity (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Quantity (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Quantity (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Quantity (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Quantity (Each)	Total Cost (\$ M)
Flyaway Cost																			
Recurring Cost																			
† All-up Rounds		37.722	61,155	2,306.888	94.407	907	85.627	100.547	161	16.188	-	-	-	-	-	-	-	-	-
Engineering Services		-	-	106.231	-	-	3.660	-	-	1.474	-	-	-	-	-	-	-	-	-
Fielding		-	-	22.803	-	-	1.445	-	-	0.256	-	-	-	-	-	-	-	-	-
Acceptance Testing		-	-	48.663	-	-	0.255	-	-	0.045	-	-	-	-	-	-	-	-	-
Project Mgt Admin		-	-	126.253	-	-	6.701	-	-	3.395	-	-	4.464	-	-	-	-	-	4.464
Production Engineering Support		-	-	172.505	-	-	11.278	-	-	9.143	-	-	-	-	-	-	-	-	-
Total Recurring Cost				2,783.343			108.966			30.501			4.464			-			4.464
Total Flyaway Cost				2,783.343			108.966			30.501			4.464			-			4.464
Gross Weapon System Cost				2,940.145			108.966			30.501			4.464			-			4.464

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

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Exhibit P-5, Cost Analysis: PB 2014 Army													Date: April 2013						
Appropriation / Budget Activity / Budget Sub Activity: 2032A: Missile Procurement, Army / BA 02: Other Missiles / BSA 20: Air-To-Surface Missile System						P-1 Line Item Nomenclature: C70000 - Hellfire Sys Summary						Item Nomenclature (Item Number - Item Name, DODIC): C70100 - LASER HELLFIRE MSL (BASIC/IHW/HFII)							

Cost Elements († indicates the presence of a P-5A)	ID CD	FY 2015			FY 2016			FY 2017			FY 2018			To Complete			Total Cost		
		Unit Cost (\$ K)	Quantity (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Quantity (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Quantity (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Quantity (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Quantity (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Quantity (Each)	Total Cost (\$ M)
† All-up Rounds		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Engineering Services		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Fielding		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Acceptance Testing		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Project Mgt Admin		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Production Engineering Support		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
<i>Total Recurring Cost</i>				-			-			-			-			-			-
<i>Total Flyaway Cost</i>				-			-			-			-			-			-
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	907	161	-	-	-	-	-	-	-
	Total Obligation Authority	108.966	30.501	4.464	-	4.464	-	-	-	-

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Exhibit P-5A, Budget Procurement History and Planning: PB 2014 Army										Date: April 2013		
Appropriation / Budget Activity / Budget Sub Activity: 2032A: Missile Procurement, Army / BA 02: Other Missiles / BSA 20: Air-To-Surface Missile System				P-1 Line Item Nomenclature: C70000 - Hellfire Sys Summary				Item Nomenclature: C70100 - LASER HELLFIRE MSL (BASIC/IHW/HFII)				
Cost Elements <small>(† indicates the presence of a P-21)</small>	O C O	FY	Contractor and Location	Method/Type, or Funding Vehicle	Location of PCO	Award Date	Date of First Delivery	Qty <small>(Each)</small>	Unit Cost <small>(\$ K.)</small>	Specs Avail Now?	Date Revsn Avail	RFP Issue Date
†All-up Rounds		2012	HELLFIRE Sys Limited Liability / Orlando	C / FFP	AMCOM, Redstone Arsenal, AL	Sep 2012	May 2014	907	94.407	N		Mar 2011
†All-up Rounds		2013	HELLFIRE Sys Limited Liability / Orlando	C / FFP	AMCOM, Redstone Arsenal, AL	May 2013	May 2015	161	100.547	N		Mar 2011

Remarks:
Firm Fixed Price (FFP)
The production unit cost is based on all Services' base and OCO quantity requirements known at this time.

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Exhibit P-21, Budget Production Schedule: PB 2014 Army		Date: April 2013
Appropriation / Budget Activity / Budget Sub Activity: 2032A: Missile Procurement, Army / BA 02: Other Missiles / BSA 20: Air-To-Surface Missile System		P-1 Line Item Nomenclature: C70000 - Hellfire Sys Summary
		Item Nomenclature: C70100 - LASER HELLFIRE MSL (BASIC/IHW/HFII)

Cost Elements <i>(Units in Each)</i>						Fiscal Year 2012												Fiscal Year 2013																
O C C O	M F R #	FY	SERVICE [±]	PROC QTY	ACCEP PRIOR TO 1 OCT 2011	BAL DUE AS OF 1 OCT	Calendar Year 2012												Calendar Year 2013															
							O C T	N O V	D E C	J A N	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			
All-up Rounds																																		
	1	2012	ARMY	907	-	907	-	-	-	-	-	-	-	-	-	-	-	A	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	907
	1	2012	♦ NAVY	865	-	865	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	865	
	1	2012	♦ AF	1,283	-	1,283	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1,283		
	1	2012	TOTAL	3,055	-	3,055	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3,055		
	1	2013	ARMY	161	-	161	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	161		
	1	2013	♦ NAVY	919	-	919	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	919		
	1	2013	♦ AF	1,063	-	1,063	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1,063		
	1	2013	TOTAL	2,143	-	2,143	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2,143		

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Exhibit P-21, Budget Production Schedule: PB 2014 Army															Date: April 2013														
Appropriation / Budget Activity / Budget Sub Activity: 2032A: Missile Procurement, Army / BA 02: Other Missiles / BSA 20: Air-To-Surface Missile System										P-1 Line Item Nomenclature: C70000 - Hellfire Sys Summary										Item Nomenclature: C70100 - LASER HELLFIRE MSL (BASIC/IHW/HFII)									

Cost Elements <i>(Units in Each)</i>						Fiscal Year 2014												Fiscal Year 2015																			
O C C O	M F R #	FY	SERVICE [±]	PROC QTY	ACCEP PRIOR TO 1 OCT 2013	BAL DUE AS OF 1 OCT	Calendar Year 2014												Calendar Year 2015																		
							O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	B A L						
All-up Rounds																																					
	1	2012	ARMY	907	-	907	-	-	-	-	-	-	-	-	76	76	76	76	75	75	75	75	76	76	75	76											-
	1	2012	♦ NAVY	865	-	865	-	-	-	-	-	-	-	-	73	72	72	72	72	72	72	72	72	72	72	72											-
	1	2012	♦ AF	1,283	-	1,283	-	-	-	-	-	-	-	-	107	107	107	107	107	107	107	107	107	107	107	106											-
	1	2012	TOTAL	3,055	-	3,055	-	-	-	-	-	-	-	-	256	255	255	255	254	254	254	254	255	255	254	254											-
	1	2013	ARMY	161	-	161	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	15	15	14	13	13	91					
	1	2013	♦ NAVY	919	-	919	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	77	77	77	77	77	534					
	1	2013	♦ AF	1,063	-	1,063	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	89	89	89	89	89	618					
	1	2013	TOTAL	2,143	-	2,143	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	181	181	180	179	179	1,243					
O C C O N O V D E C J A N F E B M A R A P R M A Y J U N J U L A U G S E P O C T N O V D E C J A N F E B M A R A P R M A Y J U N J U L A U G S E P B A L																																					

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Exhibit P-21, Budget Production Schedule: PB 2014 Army															Date: April 2013														
Appropriation / Budget Activity / Budget Sub Activity: 2032A: Missile Procurement, Army / BA 02: Other Missiles / BSA 20: Air-To-Surface Missile System										P-1 Line Item Nomenclature: C70000 - Hellfire Sys Summary										Item Nomenclature: C70100 - LASER HELLFIRE MSL (BASIC/IHW/HFII)									

Cost Elements <i>(Units in Each)</i>						Fiscal Year 2016												Fiscal Year 2017													
O C C O	M F R #	FY	SERVICE [±]	PROC QTY	ACCEP PRIOR TO 1 OCT 2015	BAL DUE AS OF 1 OCT	Calendar Year 2016												Calendar Year 2017												
							O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	B A L
All-up Rounds																															
	1	2012	ARMY	907	907	-																								-	
	1	2012	♦ NAVY	865	865	-																								-	
	1	2012	♦ AF	1,283	1,283	-																								-	
	1	2012	TOTAL	3,055	3,055	-																								-	
	1	2013	ARMY	161	70	91	13	13	13	13	13	13																		-	
	1	2013	♦ NAVY	919	385	534	77	77	76	76	76	76																		-	
	1	2013	♦ AF	1,063	445	618	89	89	88	88	88	88																		-	
	1	2013	TOTAL	2,143	900	1,243	179	179	177	177	177	177																		-	
							O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	B A L

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Exhibit P-21, Budget Production Schedule: PB 2014 Army		Date: April 2013
Appropriation / Budget Activity / Budget Sub Activity: 2032A: Missile Procurement, Army / BA 02: Other Missiles / BSA 20: Air-To-Surface Missile System	P-1 Line Item Nomenclature: C70000 - Hellfire Sys Summary	Item Nomenclature: C70100 - LASER HELLFIRE MSL (BASIC/IHW/HFII)

MFR #	MFR Name - Location	Production Rates (Each / Month)			Procurement Leadtime (Months)							
		MSR	1-8-5	MAX	Initial				Reorder			
					ALT Prior to Oct 1	ALT After Oct 1	Mfg PLT	Total After Oct 1	ALT Prior to Oct 1	ALT After Oct 1	Mfg PLT	Total After Oct 1
1	HELLFIRE Sys Limited Liability - Orlando	100.00	340.00	600.00	6	3	24	27	5	3	24	27

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

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

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

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

Appropriation / Budget Activity / Budget Sub Activity:
2032A: Missile Procurement, Army / BA 02: Other Missiles / BSA 30: Anti-Tank/
Assault Missile Sys

P-1 Line Item Nomenclature:
CC0007 - Javelin (AAWS-M) System Summary

ID Code (A=Service Ready, B=Not Service Ready) : **Program Elements for Code B Items:** **Other Related Program Elements:** 0604611A

MDAP/MAIS Code(s):

Resource Summary	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
Procurement Quantity (Units in Each)	26,062	710	400	449	-	449	597	568	575	491	Continuing	Continuing
Gross/Weapon System Cost (\$ in Millions)	4,054.907	172.502	81.121	110.510	-	110.510	115.444	112.847	116.277	104.547	Continuing	Continuing
Less PY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (\$ in Millions)	4,054.907	172.502	81.121	110.510	-	110.510	115.444	112.847	116.277	104.547	Continuing	Continuing
Plus CY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (\$ in Millions)	4,054.907	172.502	81.121	110.510	-	110.510	115.444	112.847	116.277	104.547	Continuing	Continuing

(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)	155.587	242.961	202.803	246.125	-	246.125	193.374	198.674	202.221	212.927	Continuing	Continuing

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

^{##} The FY 2014 OCO Request will be submitted at a later date

Description:

Javelin provides the US Army and USMC a man-portable, fire-and-forget, medium-range missile with enhanced situational awareness and precision direct-fire effects to defeat armored vehicles, fortifications, and soft targets in range of military operations. Javelin has a high kill rate against a variety of targets at extended ranges under day/night, battlefield obscuration, adverse weather and multiple counter-measure conditions. The system's soft launch feature permits firing from a fighting position or an enclosure. Javelin uses a modular design to allow the system to evolve to meet changing threats and requirements via both software and hardware upgrades. The system consists of a reusable Command Launch Unit (CLU) with a built-in-test (BIT), and a modular missile encased in a disposable launch tube assembly. The system also includes training devices for tactical training and classroom training. Javelin's fire-and-forget technology allows the gunner to fire and immediately take cover, to move to another fighting position, or to reload. The Javelin provides enhanced lethality through the use of a tandem warhead which will defeat all known armor threats. It is effective against both stationary and moving targets. This system also provides defensive capability against attacking/hovering helicopters. The performance improvements in current production Javelin Block I CLUs are: increased target identification range, increased surveillance time with new battery and software management and external RS-170 interface for video output. The performance improvements in current production Javelin Block I missiles are: increased probability of hit/kill at 2500m, improved warhead lethality, and reduced time of flight. In current conflicts the CLU is being used as a stand-alone surveillance and target acquisition asset. The Army is the lead for this joint program with the USMC.

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	710	400	449	-	449	597	568	575	491
	Total Obligation Authority	172.502	81.121	110.510	-	110.510	115.444	112.847	116.277	104.547

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

Appropriation / Budget Activity / Budget Sub Activity:
2032A: Missile Procurement, Army / BA 02: Other Missiles / BSA 30: Anti-Tank/
Assault Missile Sys

P-1 Line Item Nomenclature:
CC0007 - Javelin (AAWS-M) System Summary

ID Code (A=Service Ready, B=Not Service Ready) : **Program Elements for Code B Items:** **Other Related Program Elements:** 0604611A

MDAP/MAIS Code(s):

Item Schedule		ID CD	Prior Years			FY 2012			FY 2013			FY 2014 Base			FY 2014 OCO			FY 2014 Total		
Item Nomenclature*	Exhibits		Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)
H06102 - JAVELIN (AAWS-M)	P5, P5A, P21		155.587	-	4,054.907	242.961	710	172.502	202.803	400	81.121	246.125	449	110.510	-	-	-	246.125	449	110.510
Total Gross/Weapon System Cost					4,054.907			172.502			81.121			110.510			-			110.510

Item Schedule		ID CD	FY 2015			FY 2016			FY 2017			FY 2018			To Complete			Total		
Item Nomenclature*	Exhibits		Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)
H06102 - JAVELIN (AAWS-M)	P5, P5A, P21		-	-	-	-	-	-	-	-	-	-	-	-	Continuing			Continuing		
Total Gross/Weapon System Cost					115.444			112.847			116.277			104.547	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 14 Base procurement dollars in the amount of \$110.510 million supports the procurement of 449 Rounds and 150 CLU Retrofits.

The increase of \$20 million in FY 14 from the PB13 budget supports the procurement of 150 Block I CLU Retrofits to ensure units that habitually support or train with Block I equipped Infantry Brigade Combat Teams (IBCT) or Stryker Brigade Combat Teams (SBCT) have similar Block I capability.

The FY13 & beyond missile unit prices are based on combined US Army, other services, and FMS procurements of 1000 missiles per year.

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

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Exhibit P-5, Cost Analysis: PB 2014 Army							Date: April 2013						
Appropriation / Budget Activity / Budget Sub Activity: 2032A: Missile Procurement, Army / BA 02: Other Missiles / BSA 30: Anti-Tank/Assault Missile Sys				MDAP/MAIS Code: 280		P-1 Line Item Nomenclature: CC0007 - Javelin (AAWS-M) System Summary				Item Nomenclature (Item Number - Item Name, DODIC): H06102 - JAVELIN (AAWS-M)			

Resource Summary	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
Procurement Quantity (Units in Each)	-	710	400	449	-	449	-	-	-	-	Continuing	Continuing
Gross/Weapon System Cost (\$ in Millions)	4,054.907	172.502	81.121	110.510	-	110.510	-	-	-	-	Continuing	Continuing
Less PY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (\$ in Millions)	4,054.907	172.502	81.121	110.510	-	110.510	-	-	-	-	Continuing	Continuing
Plus CY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (\$ in Millions)	4,054.907	172.502	81.121	110.510	-	110.510	-	-	-	-	Continuing	Continuing

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

Initial Spares (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost (Units in Thousands)	155.587	242.961	202.803	246.125	-	246.125	-	-	-	-	Continuing	Continuing

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

^{##} The FY 2014 OCO Request will be submitted at a later date

Cost Elements († indicates the presence of a P-5A)	ID CD	All Prior Years			FY 2012			FY 2013			FY 2014 Base			FY 2014 OCO			FY 2014 Total		
		Unit Cost (\$ K)	Quantity (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Quantity (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Quantity (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Quantity (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Quantity (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Quantity (Each)	Total Cost (\$ M)
Flyaway Cost																			
Recurring Cost																			
† All Up Round		97.675	26,062	2,545.611	114.630	710	81.387	147.535	400	59.014	151.800	449	68.158	-	-	-	151.800	449	68.158
Engineering Services 1		-	-	139.154	-	-	15.537	-	-	8.044	-	-	8.890	-	-	-	-	-	8.890
Obsolescence/ Cost Reduction Initiatives		-	-	-	-	-	21.293	-	-	-	-	-	-	-	-	-	-	-	-
Engineering Change Orders 1		-	-	11.637	-	-	0.081	-	-	0.059	-	-	0.068	-	-	-	-	-	0.068
Acceptance Testing		-	-	54.325	-	-	0.781	-	-	0.803	-	-	0.816	-	-	-	-	-	0.816
Fielding 1		-	-	20.928	-	-	0.017	-	-	0.009	-	-	0.011	-	-	-	-	-	0.011
Project Management		-	-	109.391	-	-	7.992	-	-	7.881	-	-	8.219	-	-	-	-	-	8.219
Production Engineering		-	-	85.583	-	-	5.328	-	-	5.254	-	-	5.480	-	-	-	-	-	5.480
Publications/ Technical Data		-	-	2.508	-	-	0.055	-	-	0.057	-	-	0.058	-	-	-	-	-	0.058
Command Launch Unit		106.786	7,771	829.837	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Engineering Services 2		-	-	40.214	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Engineering Change Orders 2		-	-	3.438	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
CLU Fielding		-	-	53.396	-	-	2.726	-	-	-	-	-	0.616	-	-	-	-	-	0.616

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Exhibit P-5, Cost Analysis: PB 2014 Army													Date: April 2013					
Appropriation / Budget Activity / Budget Sub Activity: 2032A: Missile Procurement, Army / BA 02: Other Missiles / BSA 30: Anti-Tank/Assault Missile Sys							MDAP/MAIS Code: 280			P-1 Line Item Nomenclature: CC0007 - Javelin (AAWS-M) System Summary			Item Nomenclature (Item Number - Item Name, DODIC): H06102 - JAVELIN (AAWS-M)					

Cost Elements († indicates the presence of a P-5A)	ID CD	All Prior Years			FY 2012			FY 2013			FY 2014 Base			FY 2014 OCO			FY 2014 Total		
		Unit Cost (\$ K)	Quantity (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Quantity (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Quantity (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Quantity (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Quantity (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Quantity (Each)	Total Cost (\$ M)
CLU Retrofits		73.301	994	72.861	70.873	519	36.783	-	-	-	121.293	150	18.194	-	-	-	121.293	150	18.194
Field Tactical Trainers		18.228	2,481	45.223	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Basic Skills Trainer		15.554	599	9.317	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Missile Simulation Round		0.434	4,308	1.870	2.522	207	0.522	-	-	-	-	-	-	-	-	-	-	-	-
Fielding 2		-	-	5.668	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
EPBST Retrofits		27.000	51	1.377	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Less: Prior Year Adv Proc		-	-	-100.622	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Plus P-1 CY Adv Proc		-	-	100.622	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Initial Spares		-	-	22.569	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Total Recurring Cost				4,054.907			172.502			81.121			110.510			-			110.510
Total Flyaway Cost				4,054.907			172.502			81.121			110.510			-			110.510
Gross Weapon System Cost				4,054.907			172.502			81.121			110.510			-			110.510

Cost Elements († indicates the presence of a P-5A)	ID CD	FY 2015			FY 2016			FY 2017			FY 2018			To Complete			Total Cost		
		Unit Cost (\$ K)	Quantity (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Quantity (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Quantity (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Quantity (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Quantity (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Quantity (Each)	Total Cost (\$ M)
Flyaway Cost																			
Recurring Cost																			
† All Up Round		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Engineering Services 1		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Obsolescence/ Cost Reduction Initiatives		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Engineering Change Orders 1		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Acceptance Testing		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Fielding 1		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Project Management		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Production Engineering		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Publications/ Technical Data		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Command Launch Unit		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

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Exhibit P-5A, Budget Procurement History and Planning: PB 2014 Army **Date:** April 2013

Appropriation / Budget Activity / Budget Sub Activity: 2032A: Missile Procurement, Army / BA 02: Other Missiles / BSA 30: Anti-Tank/Assault Missile Sys	P-1 Line Item Nomenclature: CC0007 - Javelin (AAWS-M) System Summary	Item Nomenclature: H06102 - JAVELIN (AAWS-M)
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Cost Elements <small>(† indicates the presence of a P-21)</small>	O C O	FY	Contractor and Location	Method/Type, or Funding Vehicle	Location of PCO	Award Date	Date of First Delivery	Qty <small>(Each)</small>	Unit Cost <small>(\$ K.)</small>	Specs Avail Now?	Date Revsn Avail	RFP Issue Date
†All Up Round		2012	JJV All Up Round / Tucson AZ Orlando FL	SS / FFP	AMCOM, Redstone Arsenal, AL	Nov 2011	Nov 2013	710	114.630	N		
†All Up Round		2013	JJV All Up Round / Tucson AZ Orlando FL	SS / FFP	AMCOM, Redstone Arsenal, AL	Apr 2013	Apr 2015	400	147.535	N		
†All Up Round		2014	JJV All Up Round / Tucson AZ Orlando FL	SS / FFP	AMCOM, Redstone Arsenal, AL	Jan 2014	Jan 2016	449	151.800	N		

Remarks:
 Javelin Joint Venture (JJV) includes Raytheon in Tucson, AZ and Lockheed Martin in Orlando, FL.
 Sole Source (SS)
 Firm Fixed Price (FFP)
 Aviation and Missile Command (AMCOM)

Unit prices are affected by combining Army procurement quantities with other U.S. services and foreign military sales quantities.

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Exhibit P-21, Budget Production Schedule: PB 2014 Army															Date: April 2013									
Appropriation / Budget Activity / Budget Sub Activity: 2032A: Missile Procurement, Army / BA 02: Other Missiles / BSA 30: Anti-Tank/Assault Missile Sys										P-1 Line Item Nomenclature: CC0007 - Javelin (AAWS-M) System Summary										Item Nomenclature: H06102 - JAVELIN (AAWS-M)				

Cost Elements <i>(Units in Each)</i>						Fiscal Year 2012													Fiscal Year 2013														
O C C O	M F R #	FY	SERVICE [±]	PROC QTY	ACCEP PRIOR TO 1 OCT 2011	BAL DUE AS OF 1 OCT	Calendar Year 2012													Calendar Year 2013													
							O C T	N O V	D E C	J A N	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		
All Up Round																																	
All Prior Years Deliveries: 26062																																	
1	2012	ARMY		710	-	710	-	A -	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	710
1	2012	♦ MC		20	-	20	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	20
1	2012	♦ FMS		599	-	599	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	599
1	2012	TOTAL		1,329	-	1,329	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1,329	
1	2013	ARMY		400	-	400	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	400	
1	2013	♦ MC		172	-	172	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	172	
1	2013	♦ FMS		428	-	428	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	428	
1	2013	TOTAL		1,000	-	1,000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1,000	
1	2014	ARMY		449	-	449	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	449	
1	2014	♦ MC		219	-	219	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	219	
1	2014	♦ FMS		332	-	332	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	332	
1	2014	TOTAL		1,000	-	1,000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1,000	
							O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	B A L		

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Exhibit P-21, Budget Production Schedule: PB 2014 Army															Date: April 2013														
Appropriation / Budget Activity / Budget Sub Activity: 2032A: Missile Procurement, Army / BA 02: Other Missiles / BSA 30: Anti-Tank/Assault Missile Sys										P-1 Line Item Nomenclature: CC0007 - Javelin (AAWS-M) System Summary										Item Nomenclature: H06102 - JAVELIN (AAWS-M)									

Cost Elements <i>(Units in Each)</i>						Fiscal Year 2014												Fiscal Year 2015														
O C C O	M F R #	FY	SERVICE [±]	PROC QTY	ACCEP PRIOR TO 1 OCT 2013	BAL DUE AS OF 1 OCT	Calendar Year 2014												Calendar Year 2015													
							O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	B A L	
All Up Round																																
All Prior Years Deliveries: 26062																																
1	2012	ARMY		710	-	710	-	110	110	110	111	111	111	47	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1	2012	♦ MC		20	-	20	-	-	-	-	-	-	-	20	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1	2012	♦ FMS		599	-	599	-	-	-	-	-	-	-	44	111	111	111	111	111	-	-	-	-	-	-	-	-	-	-	-	-	-
1	2012	TOTAL		1,329	-	1,329	-	110	110	110	111	111	111	111	111	111	111	111	111	-	-	-	-	-	-	-	-	-	-	-	-	-
1	2013	ARMY		400	-	400	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	84	84	84	84	64	-	-	
1	2013	♦ MC		172	-	172	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	19	83	70		
1	2013	♦ FMS		428	-	428	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
1	2013	TOTAL		1,000	-	1,000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	84	84	84	84	83	83	498		
1	2014	ARMY		449	-	449	-	-	-	A	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
1	2014	♦ MC		219	-	219	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
1	2014	♦ FMS		332	-	332	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
1	2014	TOTAL		1,000	-	1,000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
							O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	B A L	

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Exhibit P-21, Budget Production Schedule: PB 2014 Army		Date: April 2013
Appropriation / Budget Activity / Budget Sub Activity: 2032A: Missile Procurement, Army / BA 02: Other Missiles / BSA 30: Anti-Tank/Assault Missile Sys	P-1 Line Item Nomenclature: CC0007 - Javelin (AAWS-M) System Summary	Item Nomenclature: H06102 - JAVELIN (AAWS-M)

MFR #	MFR Name - Location	Production Rates (Each / Month)			Procurement Leadtime (Months)							
		MSR	1-8-5	MAX	Initial				Reorder			
					ALT Prior to Oct 1	ALT After Oct 1	Mfg PLT	Total After Oct 1	ALT Prior to Oct 1	ALT After Oct 1	Mfg PLT	Total After Oct 1
1	JJV All Up Round - Tucson AZ Orlando FL	75.00	330.00	540.00	11	3	22	25	1	1	22	23

Remarks:
 Estimated unit prices are based on combined U.S. Army, other services and FMS procurements of at least 1,000 missiles per year. Production rates are monthly rates.
 ‡ Delivery rows marked with the † symbol indicate that they are funded through a separate Line Item. See the respective components' exhibits for details, including the full delivery schedule.
 "A" in the Delivery Schedule indicated the Contract Award Date.
 Due to space limitations, quantities in the Exhibit P-21 delivery calendar are truncated and rounded based on the maximum quantity in the calendar as follows. If the maximum quantity is less than or equal to than 99,999, all quantities are shown as each. If the maximum quantity is between 100,000 and 99,999,499 all quantities are shown in thousands (rounded to the nearest thousand). If the maximum quantity is greater than 99,999,499 all quantities are shown in millions (rounded to the nearest million).

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

Appropriation / Budget Activity / Budget Sub Activity: 2032A: Missile Procurement, Army / BA 02: Other Missiles / BSA 30: Anti-Tank/ Assault Missile Sys	P-1 Line Item Nomenclature: C59300 - TOW 2 System Summary
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ID Code (A=Service Ready, B=Not Service Ready) :	Program Elements for Code B Items:	Other Related Program Elements:
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MDAP/MAIS Code(s):

Resource Summary	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
Procurement Quantity (<i>Units in Each</i>)	163,346	802	1,403	988	-	988	1,008	1,556	765	765	-	170,633
Gross/Weapon System Cost (<i>\$ in Millions</i>)	2,954.398	95.296	84.598	69.285	-	69.285	71.100	93.789	90.199	92.000	-	3,550.665
Less PY Advance Procurement (<i>\$ in Millions</i>)	97.471	48.355	19.886	19.931	-	19.931	19.965	19.984	-	-	-	225.592
Net Procurement (P1) (<i>\$ in Millions</i>)	2,856.927	46.941	64.712	49.354	-	49.354	51.135	73.805	90.199	92.000	-	3,325.073
Plus CY Advance Procurement (<i>\$ in Millions</i>)	145.826	19.886	19.931	19.965	-	19.965	19.984	-	-	-	-	225.592
Total Obligation Authority (<i>\$ in Millions</i>)	3,002.753	66.827	84.643	69.319	-	69.319	71.119	73.805	90.199	92.000	-	3,550.665

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

Initial Spares (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Flyaway Unit Cost (<i>Units in Thousands</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost (<i>Units in Thousands</i>)	18.087	118.823	60.298	70.127	-	70.127	70.536	60.276	117.907	120.261	-	0.021

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

^{##} The FY 2014 OCO Request will be submitted at a later date

Description:

TOW missiles (BGM-71 Series) are combat proven missiles that provide heavy anti-armor/assault capability to the Army's Infantry Brigade Combat Teams (IBCT), the Stryker Brigade Combat Teams (SBCT) and the Bradley equipped Armor Brigade Combat Team (ABCT). TOW continues to be used consistently in Operation Enduring Freedom (OEF) as the weapon of choice in precision combat engagements. TOW missiles are the primary heavy anti-armor / assault missile for the U.S. Marine Corps (USMC) and 43 allied nations. Warfighters employ TOW missiles against buildings and field fortifications taking advantage of the missile's inherent precision assault capability against such targets.

TOW missiles are launched from a variety of combat systems in the active Army and Army National Guard including the Improved Target Acquisition System (ITAS), all infantry and cavalry variants of Bradley Fighting Vehicle Systems (BFVS), the Stryker Anti-Tank Guided Missile (ATGM), and the M220A2 TOW 2 launcher. The USMC employs the TOW missile from its ITAS launchers, ATGM and AH-1W Cobra helicopters. The TOW missile provides the warfighter with a highly lethal, cost effective, interoperable, multi-purpose weapon.

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	-	1,403	-	-	-	-	-	-	-
	Total Obligation Authority	-	84.643	-	-	-	-	-	-	-

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

Appropriation / Budget Activity / Budget Sub Activity:
2032A: Missile Procurement, Army / BA 02: Other Missiles / BSA 30: Anti-Tank/
Assault Missile Sys **P-1 Line Item Nomenclature:**
C59300 - TOW 2 System Summary

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		ID CD	Prior Years			FY 2012			FY 2013			FY 2014 Base			FY 2014 OCO			FY 2014 Total		
Item Nomenclature*	Exhibits		Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)
C59403 - TOW Family of Missiles	P5, P5A, P21		18.087	-	2,954.398	118.823	802	95.296	60.298	1,403	84.598	70.127	988	69.285	-	-	-	70.127	988	69.285
Total Gross/Weapon System Cost					2,954.398			95.296			84.598			69.285			-			69.285

*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:
FY14 Base procurement dollars in the amount of \$69.319 million supports the third year of a five-year (FY12-16) multi-year contract and procures 988 wireless TOW missiles. FY14 includes \$19.965 million Advance Procurement. The five-year contract procures 6052 TOW multi-variant missiles.

IAW Section 1815 of the FY08 NDAA, this item is necessary for use by the active components and reserve components of the Armed Forces for homeland defense missions, domestic emergency responses, and providing military support to civil authorities.

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Exhibit P-5, Cost Analysis: PB 2014 Army		Date: April 2013
Appropriation / Budget Activity / Budget Sub Activity: 2032A: Missile Procurement, Army / BA 02: Other Missiles / BSA 30: Anti-Tank/Assault Missile Sys	P-1 Line Item Nomenclature: C59300 - TOW 2 System Summary	Item Nomenclature (Item Number - Item Name, DODIC): C59403 - TOW Family of Missiles

Resource Summary	Prior Years	FY 2012	FY 2013[#]	FY 2014 Base	FY 2014 OCO^{##}	FY 2014 Total
Procurement Quantity (Units in Each)	-	802	1,403	988	-	988
Gross/Weapon System Cost (\$ in Millions)	2,954.398	95.296	84.598	69.285	-	69.285
Less PY Advance Procurement (\$ in Millions)	97.471	48.355	19.886	19.931	-	19.931
Net Procurement (P1) (\$ in Millions)	2,856.927	46.941	64.712	49.354	-	49.354
Plus CY Advance Procurement (\$ in Millions)	145.826	19.886	19.931	19.965	-	19.965
Total Obligation Authority (\$ in Millions)	3,002.753	66.827	84.643	69.319	-	69.319

(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)	18.087	118.823	60.298	70.127	-	70.127

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

^{##} The FY 2014 OCO Request will be submitted at a later date

Cost Elements († indicates the presence of a P-5A)	ID CD	All Prior Years			FY 2012			FY 2013			FY 2014 Base			FY 2014 OCO			FY 2014 Total		
		Unit Cost (\$ K)	Quantity (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Quantity (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Quantity (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Quantity (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Quantity (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Quantity (Each)	Total Cost (\$ M)
Flyaway Cost																			
Recurring Cost																			
Non-Recurring		-	-	9.939	-	-	6.897	-	-	7.005	-	-	2.000	-	-	-	-	-	2.000
† Missile Contract		18.326	156,806	2,873.575	30.219	802	24.236	46.471	1,403	65.199	58.599	988	57.896	-	-	-	58.599	988	57.896
Engineering Services		-	-	9.952	-	-	8.989	-	-	4.600	-	-	2.170	-	-	-	-	-	2.170
Acceptance Testing		-	-	2.447	-	-	0.274	-	-	0.479	-	-	0.488	-	-	-	-	-	0.488
Project Mgt Admin		-	-	10.130	-	-	6.545	-	-	7.270	-	-	6.697	-	-	-	-	-	6.697
Peculiar Support Equipment		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Training Device (B/S)		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Gross P-1 End Cost		-	-	-	-	-	76.824	-	-	-	-	-	-	-	-	-	-	-	-
Less: Prior Year Adv Proc		-	-	-97.471	-	-	-48.355	-	-	-19.886	-	-	-19.931	-	-	-	-	-	-19.931
Net P-1 Full Funding Cost		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
PLUS P-1 CY Adv. Proc.		-	-	145.826	-	-	19.886	-	-	19.931	-	-	19.965	-	-	-	-	-	19.965
Total Recurring Cost				2,954.398			95.296			84.598			69.285						69.285
Total Flyaway Cost				2,954.398			95.296			84.598			69.285						69.285
Gross Weapon System Cost				2,954.398			95.296			84.598			69.285						69.285

P-5 Remarks:

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Exhibit P-5, Cost Analysis: PB 2014 Army				Date: April 2013		
Appropriation / Budget Activity / Budget Sub Activity: 2032A: Missile Procurement, Army / BA 02: Other Missiles / BSA 30: Anti-Tank/Assault Missile Sys		P-1 Line Item Nomenclature: C59300 - TOW 2 System Summary		Item Nomenclature (Item Number - Item Name, DODIC): C59403 - TOW Family of Missiles		
Secondary Distribution		FY 2012	FY 2013	FY 2014 Base	FY 2014 OCO	FY 2014 Total
Army	Quantity	802	1,403	988	-	988
	Total Obligation Authority	66.827	84.643	69.319	-	69.319

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Exhibit P-5A, Budget Procurement History and Planning: PB 2014 Army										Date: April 2013		
Appropriation / Budget Activity / Budget Sub Activity: 2032A: Missile Procurement, Army / BA 02: Other Missiles / BSA 30: Anti-Tank/Assault Missile Sys				P-1 Line Item Nomenclature: C59300 - TOW 2 System Summary					Item Nomenclature: C59403 - TOW Family of Missiles			
Cost Elements († indicates the presence of a P-21)	O C O	FY	Contractor and Location	Method/Type, or Funding Vehicle	Location of PCO	Award Date	Date of First Delivery	Qty (Each)	Unit Cost (\$ K.)	Specs Avail Now?	Date Revsn Avail	RFP Issue Date
†Missile Contract		2012	Raytheon / Tucson, AZ	C / FFP	AMCOM, Redstone Arsenal, AL	Aug 2012	Mar 2014	802	30.219	N		
†Missile Contract		2013	Raytheon / Tucson, AZ	C / FFP	AMCOM, Redstone Arsenal, AL	Apr 2013	Dec 2014	1,403	46.471	N		
†Missile Contract		2014	Raytheon / Tucson, AZ	C / FFP	AMCOM, Redstone Arsenal, AL	Dec 2013	Dec 2015	988	58.599	N		
<p>Remarks: Raytheon is currently the only industry source that is both facilitized and qualified to produce TOW missiles.</p> <p>AMCOM Aviation Missile Command FFP Firm Fixed Price MY Multi-Year</p>												

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Exhibit P-21, Budget Production Schedule: PB 2014 Army		Date: April 2013
Appropriation / Budget Activity / Budget Sub Activity: 2032A: Missile Procurement, Army / BA 02: Other Missiles / BSA 30: Anti-Tank/Assault Missile Sys		P-1 Line Item Nomenclature: C59300 - TOW 2 System Summary
		Item Nomenclature: C59403 - TOW Family of Missiles

Cost Elements <i>(Units in Each)</i>							Fiscal Year 2012										Fiscal Year 2013														
O C C O	M F R #	FY	SERVICE [±]	PROC QTY	ACCEP PRIOR TO 1 OCT 2011	BAL DUE AS OF 1 OCT	Calendar Year 2012										Calendar Year 2013										B A L				
							O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y		J U N	J U L	A U G	S E P
Missile Contract																															
	1	2012	ARMY ^(I)	802	-	802	-	-	-	-	-	-	-	-	-	-	-	A	-	-	-	-	-	-	-	-	-	-	-	802	
	1	2012	♦ MC ^(II)	729	-	729	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	729	
	1	2012	TOTAL	1,531	-	1,531	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1,531		
	1	2013	ARMY ^(III)	1,403	-	1,403	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1,403		
	1	2013	♦ MC ^(IV)	437	-	437	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	437		
	1	2013	TOTAL	1,840	-	1,840	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1,840		
	1	2014	ARMY ^(V)	988	-	988	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	988		
	1	2014	♦ MC ^(VI)	465	-	465	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	465		
	1	2014	TOTAL	1,453	-	1,453	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1,453		
							O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	B A L

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Exhibit P-21, Budget Production Schedule: PB 2014 Army														Date: April 2013													
Appropriation / Budget Activity / Budget Sub Activity: 2032A: Missile Procurement, Army / BA 02: Other Missiles / BSA 30: Anti-Tank/Assault Missile Sys								P-1 Line Item Nomenclature: C59300 - TOW 2 System Summary										Item Nomenclature: C59403 - TOW Family of Missiles									

Cost Elements <i>(Units in Each)</i>							Fiscal Year 2014														Fiscal Year 2015														
O C C O	M F R #	FY	SERVICE±	PROC QTY	ACCEP PRIOR TO 1 OCT 2013	BAL DUE AS OF 1 OCT	Calendar Year 2014														Calendar Year 2015														
							O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	B A L				
Missile Contract																																			
	1	2012	ARMY (I)	802	-	802	-	-	-	-	-	175	175	175	175	102	-	-	-	-															-
	1	2012	♦ MC (II)	729	-	729	-	-	-	-	-	-	-	-	73	175	175	175	131																-
	1	2012	TOTAL	1,531	-	1,531	-	-	-	-	-	175	175	175	175	175	175	175	131																-
	1	2013	ARMY (III)	1,403	-	1,403	-	-	-	-	-	-	-	-	-	-	-	-	-		175	175	175	175	175	175	175	175	175	3	-	-	-		
	1	2013	♦ MC (IV)	437	-	437	-	-	-	-	-	-	-	-	-	-	-	-	-		-	-	-	-	-	-	-	-	172	175			90		
	1	2013	TOTAL	1,840	-	1,840	-	-	-	-	-	-	-	-	-	-	-	-	-		175	175	175	175	175	175	175	175	175	175	175	175	90		
	1	2014	ARMY (V)	988	-	988	-	-	A	-	-	-	-	-	-	-	-	-	-		-	-	-	-	-	-	-	-	-	-	-	-	988		
	1	2014	♦ MC (VI)	465	-	465	-	-	-	-	-	-	-	-	-	-	-	-	-		-	-	-	-	-	-	-	-	-	-	-	-	465		
	1	2014	TOTAL	1,453	-	1,453	-	-	-	-	-	-	-	-	-	-	-	-	-		-	-	-	-	-	-	-	-	-	-	-	-	1,453		
							O	N	D	J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J	J	A	S	B				
							C	O	E	A	E	A	P	A	U	U	U	E	C	O	E	A	E	A	A	U	U	U	E	A	L				
							T	V	C	N	B	R	R	Y	N	L	G	P	T	V	C	N	B	R	R	Y	N	L	G	P	L				

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Exhibit P-21, Budget Production Schedule: PB 2014 Army		Date: April 2013
Appropriation / Budget Activity / Budget Sub Activity: 2032A: Missile Procurement, Army / BA 02: Other Missiles / BSA 30: Anti-Tank/Assault Missile Sys	P-1 Line Item Nomenclature: C59300 - TOW 2 System Summary	Item Nomenclature: C59403 - TOW Family of Missiles

MFR #	MFR Name - Location	Production Rates (Each / Month)			Procurement Leadtime (Months)							
		MSR	1-8-5	MAX	Initial				Reorder			
					ALT Prior to Oct 1	ALT After Oct 1	Mfg PLT	Total After Oct 1	ALT Prior to Oct 1	ALT After Oct 1	Mfg PLT	Total After Oct 1
1	Raytheon - Tucson, AZ	175.00	600.00	1,400.00	2	3	21	24	3	2	21	23

Remarks:
 Multiyear contracts do not follow the Administrative Lead Time shown for annual year contracts. Production rates are by month.FY12-16 Army MultiYear: 6052 (1104, 1396, 988, 1008, 1556).FY12 USMC: 729.FY13 USMC: 437.FY14 USMC: 465.
 ‡ Delivery rows marked with the ♦ symbol indicate that they are funded through a separate Line Item. See the respective components' exhibits for details, including the full delivery schedule.
 "A" in the Delivery Schedule indicated the Contract Award Date.
 Due to space limitations, quantities in the Exhibit P-21 delivery calendar are truncated and rounded based on the maximum quantity in the calendar as follows. If the maximum quantity is less than or equal to than 99,999, all quantities are shown as each. If the maximum quantity is between 100,000 and 99,999,499 all quantities are shown in thousands (rounded to the nearest thousand). If the maximum quantity is greater than 99,999,499 all quantities are shown in millions (rounded to the nearest million).
Service/Agency Suffixes:
 (I) BASE
 (II) BASE
 (III) BASE
 (IV) BASE
 (V) BASE
 (VI) BASE

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

Appropriation / Budget Activity / Budget Sub Activity: 2032A: Missile Procurement, Army / BA 02: Other Missiles / BSA 30: Anti-Tank/ Assault Missile Sys	P-1 Line Item Nomenclature: C59300 - TOW 2 System Summary
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ID Code (A=Service Ready, B=Not Service Ready) :	Program Elements for Code B Items:	Other Related Program Elements:
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MDAP/MAIS Code(s):

Resource Summary	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
Procurement Quantity <i>(Units in Each)</i>	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost <i>(\$ in Millions)</i>	145.826	19.886	19.931	19.965	-	19.965	19.984	-	-	-	-	225.592
Less PY Advance Procurement <i>(\$ in Millions)</i>	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) <i>(\$ in Millions)</i>	145.826	19.886	19.931	19.965	-	19.965	19.984	-	-	-	-	225.592
Plus CY Advance Procurement <i>(\$ in Millions)</i>	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority <i>(\$ in Millions)</i>	145.826	19.886	19.931	19.965	-	19.965	19.984	-	-	-	-	225.592

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

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

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

^{##} The FY 2014 OCO Request will be submitted at a later date

Description:

Description:

TOW missiles (BGM-71 Series) are combat proven missiles that provide heavy anti-armor/assault capability to the Army's Infantry Brigade Combat Teams (IBCT), the Stryker Brigade Combat Teams (SBCT) and the Bradley equipped Armor Brigade Combat Team (ABCT). TOW continues to be used consistently in Operation Enduring Freedom (OEF) as the weapon of choice in precision combat engagements. TOW missiles are the primary heavy anti-armor / assault missile for the U.S. Marine Corps (USMC) and 43 allied nations. Warfighters employ TOW missiles against buildings and field fortifications taking advantage of the missile's inherent precise assault capability against such targets.

TOW missiles are launched from a variety of combat systems in the active Army and Army National Guard including the Improved Target Acquisition System (ITAS), all infantry and cavalry variants of Bradley Fighting Vehicle Systems (BFVS), the Stryker Anti-Tank Guided Missile (ATGM) Light Armored Vehicle (LAV), and the M220A2 TOW 2 launcher. The USMC employs the TOW missile from its ITAS launchers, ATGM, and AH-1W Cobra helicopters. The TOW missile provides the warfighter with a highly lethal, cost effective, interoperable, multi-purpose weapon.

Item Schedule		Prior Years			FY 2012			FY 2013			FY 2014 Base			FY 2014 OCO			FY 2014 Total		
		ID	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)		
Item Nomenclature*	Exhibits																		
C59300 - TOW 2 System Summary	P10		-	0	-	-	802	19.886	-	1,403	19.931	-	-	-	-	-	-	988	19.965
Total Gross/Weapon System Cost				145.826			19.886			19.931			19.965			-			19.965

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

Appropriation / Budget Activity / Budget Sub Activity: 2032A: Missile Procurement, Army / BA 02: Other Missiles / BSA 30: Anti-Tank/ Assault Missile Sys	P-1 Line Item Nomenclature: C59300 - TOW 2 System Summary
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ID Code (A=Service Ready, B=Not Service Ready) :	Program Elements for Code B Items:	Other Related Program Elements:
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MDAP/MAIS Code(s):

Item Schedule		ID CD	FY 2015			FY 2016			FY 2017			FY 2018			To Complete			Total		
Item Nomenclature*	Exhibits		Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)
C59300 - TOW 2 System Summary	P10		-	1,008	19.984	-	1,556	-	-	765	-	-	765	-	-	-	-	-	7,287	79.766
Total Gross/Weapon System Cost					19.984															225.592

*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:
 FY14 Base advance procurement dollars in the amount of \$19.965 million supports the third year of a five-year (FY12-16) multi-year contract and supports the acquisition of TOW missile variants.

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Exhibit P-10, Advance Procurement Requirements Analysis (page 1 - Budget Funding Justification): PB 2014 Army		Date: April 2013
Appropriation / Budget Activity / Budget Sub Activity: 2032A: Missile Procurement, Army / BA 02: Other Missiles / BSA 30: Anti-Tank/Assault Missile Sys	P-1 Line Item Nomenclature: C59300 - TOW 2 System Summary	Item Nomenclature (Item Number, Item Name): C59300 - TOW 2 System Summary

ID Code (A=Service Ready, B=Not Service Ready) :		
First System (2014) Award Date: August 2012	First System (2014) Completion Date: March 2014	Interval Between Systems: 12 Months

End Item Quantity	Prior Years	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total
	(Each)	(Each)	(Each)	(Each)	(Each)	(Each)	(Each)	(Each)	(Each)	(Each)
	0	802	1,403	988	1,008	1,556	765	765	-	7,287

Description:
Advance Procurement funding in FY12, FY13, FY14 and FY15 procures items to support the FY12-16 multi-year contract for 6,885 TOW (BGM-71 Series) missiles.

Cost Element	Procurement	When Rqd	All Prior	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total
	Leadtime		Years	(\$ M)	(\$ M)	(\$ M)	(\$ M)	(\$ M)	(\$ M)	(\$ M)	(\$ M)	(\$ M)
Other												
Warhead	19	19	-	6.920	6.965	6.999	7.018	-	-	-	-	27.902
Launch Motor	14	14	-	0.905	0.905	0.905	0.905	-	-	-	-	3.620
Flight Motor	12	12	-	0.170	0.170	0.170	0.170	-	-	-	-	0.680
2B Sensor	18	18	-	8.533	8.533	8.533	8.533	-	-	-	-	34.132
Gyro	13	13	-	1.548	1.548	1.548	1.548	-	-	-	-	6.192
Flight Motor Case Kit	10	10	-	0.351	0.351	0.351	0.351	-	-	-	-	1.404
Control Surface Actuators	13	13	-	0.916	0.916	0.916	0.916	-	-	-	-	3.664
Beacon Shutter Actuator	11	11	-	0.543	0.543	0.543	0.543	-	-	-	-	2.172
<i>Other Subtotal</i>			-	19.886	19.931	19.965	19.984	-	-	-	-	79.766
Total Advance Procurement/Obligation Authority			-	19.886	19.931	19.965	19.984	-	-	-	-	79.766

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Exhibit P-10, Advance Procurement Requirements Analysis (page 2 - Budget Funding Justification): PB 2014 Army		Date: April 2013
Appropriation / Budget Activity / Budget Sub Activity: 2032A: Missile Procurement, Army / BA 02: Other Missiles / BSA 30: Anti-Tank/Assault Missile Sys	P-1 Line Item Nomenclature: C59300 - TOW 2 System Summary	Item Nomenclature (Item Name, Item Number): C59300 - TOW 2 System Summary

ID Code (A=Service Ready, B=Not Service Ready) :			
	FY 2014		
	Unit Cost (\$ K)	Qty (Each)	Total Cost Request (\$ M)
End Item	-	988	19.965

Cost Elements	QPA (Each)	FY 2014				
		Procurement Leadtime (Months)	Unit Cost (\$ K)	Qty (Each)	Contract Forecast Date	Total Cost Request (\$ M)
Other						
Warhead	-	19	-	-	Dec 2012	6.999
Launch Motor	-	14	-	-	Dec 2012	0.905
Flight Motor	-	12	-	-	Dec 2012	0.170
2B Sensor	-	18	-	-	Dec 2012	8.533
Gyro	-	13	-	-	Dec 2012	1.548
Flight Motor Case Kit	-	10	-	-	Dec 2012	0.351
Control Surface Actuators	-	13	-	-	Dec 2012	0.916
Beacon Shutter Actuator	-	11	-	-	Dec 2012	0.543

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

Appropriation / Budget Activity / Budget Sub Activity:
2032A: Missile Procurement, Army / BA 02: Other Missiles / BSA 30: Anti-Tank/
Assault Missile Sys

P-1 Line Item Nomenclature:
C64400 - Guided MLRS Rocket (GMLRS)

ID Code (A=Service Ready, B=Not Service Ready) : **Program Elements for Code B Items:** **Other Related Program Elements:** 0603778A

MDAP/MAIS Code(s):

Resource Summary	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
Procurement Quantity (Units in Each)	14,754	3,194	1,794	1,788	-	1,788	1,746	1,812	2,526	3,090	Continuing	Continuing
Gross/Weapon System Cost (\$ in Millions)	1,788.280	333.167	239.232	237.216	-	237.216	250.039	256.927	333.965	399.201	Continuing	Continuing
Less PY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (\$ in Millions)	1,788.280	333.167	239.232	237.216	-	237.216	250.039	256.927	333.965	399.201	Continuing	Continuing
Plus CY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (\$ in Millions)	1,788.280	333.167	239.232	237.216	-	237.216	250.039	256.927	333.965	399.201	Continuing	Continuing

(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)	121.206	104.310	133.351	132.671	-	132.671	143.207	141.792	132.211	129.191	Continuing	Continuing

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

^{##} The FY 2014 OCO Request will be submitted at a later date

Description:

Guided Multiple Launch Rocket System (GMLRS) rockets are surface-to-surface artillery rockets fired from the Multiple Launch Rocket System (MLRS) and High Mobility Artillery Rocket System (HIMARS) launchers. Dual GMLRS rockets provide 24/7, all-weather precision fires to engage both area and point targets at short, medium, and long ranges. The U.S. Marine Corps also procures GMLRS rockets through the Army project office.

The GMLRS Program consists of three separate increments. GMLRS Purpose Improved Conventional Munition (DPICM) was the first increment. It is a cluster munition that replaced the shorter range MLRS rockets to engage area or imprecisely located targets. GMLRS DPICM Production was terminated in response to the June 2008 Department of Defense (DoD) Cluster Munitions Policy. GMLRS Unitary is the second increment that utilizes a 200 lb high explosive warhead to engage point targets with limited collateral damage. GMLRS Unitary is currently in its fifth year of full rate production through annual production contracts. GMLRS Alternative Warhead (AW) is being developed as a non-cluster munition to replace GMLRS DPICM. The Program is currently in the EMD Phase and scheduled to enter full rate production in FY15. The GMLRS AW rocket is 90% common with the Unitary variant. The U.S. Army continues to execute the GMLRS Program with no major cost, schedule, or performance issues.

GMLRS Procurement funding (C64400) includes GMLRS full rate production (C64400) as well as the procurement of Multiple Launch Rocket System (MLRS) Common Test Devices (C65406).

Item Schedule		ID CD	Prior Years			FY 2012			FY 2013			FY 2014 Base			FY 2014 OCO			FY 2014 Total		
Item Nomenclature*	Exhibits		Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)
C65404 - GUIDED MLRS ROCKET (GMLRS)	P5, P5A, P21		121.088	-	1,786.527	104.310	3,194	333.167	133.113	1,794	238.805	132.429	1,788	236.783	-	-	-	132.429	1,788	236.783

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

Appropriation / Budget Activity / Budget Sub Activity:
2032A: Missile Procurement, Army / BA 02: Other Missiles / BSA 30: Anti-Tank/
Assault Missile Sys

P-1 Line Item Nomenclature:
C64400 - Guided MLRS Rocket (GMLRS)

ID Code (A=Service Ready, B=Not Service Ready) : **Program Elements for Code B Items:** **Other Related Program Elements:** 0603778A

MDAP/MAIS Code(s):

Item Schedule		ID CD	Prior Years			FY 2012			FY 2013			FY 2014 Base			FY 2014 OCO			FY 2014 Total				
Item Nomenclature*	Exhibits		Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)		
GMLRS Training Devices	P40A		-	-	-	-	-	-	-	0.427	-	-	0.433	-	-	-	-	-	-	0.433		
Total Gross/Weapon System Cost					1,788.280			333.167			239.232			237.216			-			237.216		

Item Schedule		ID CD	FY 2015			FY 2016			FY 2017			FY 2018			To Complete			Total				
Item Nomenclature*	Exhibits		Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)		
C65404 - GUIDED MLRS ROCKET (GMLRS)	P5, P5A, P21		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
GMLRS Training Devices	P40A		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
Total Gross/Weapon System Cost					250.039			256.927			333.965			399.201			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 \$236.783 million supports the acquisition of 1788 GMLRS Unitary rockets for the United States Army and procures the support and equipment for maintenance and obsolescence issues with the fielded Multiple Launch Rocket System Common Test Device (MCTD) Trainers hardware and software. The Army Procurement Objective is 43560 Rockets.

 FY2014 Base procurement dollars in the amount of \$.433 million supports the acquisition of support and equipment for maintenance and obsolescence issues with the fielded Multiple Launch Rocket System Common Test Device (MCTD) Trainers hardware and software.

 The column on the Tactical GMLRS line in the P-5 for base rockets includes base rocket quantity cost and other production contract CLINs such as Army Integrated Logistic Support (ILS) and Obsolescence.

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

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Exhibit P-5, Cost Analysis: PB 2014 Army							Date: April 2013				
Appropriation / Budget Activity / Budget Sub Activity: 2032A: Missile Procurement, Army / BA 02: Other Missiles / BSA 30: Anti-Tank/Assault Missile Sys			MDAP/MAIS Code: 260		P-1 Line Item Nomenclature: C64400 - Guided MLRS Rocket (GMLRS)			Item Nomenclature (Item Number - Item Name, DODIC): C65404 - GUIDED MLRS ROCKET (GMLRS)			

Resource Summary	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
Procurement Quantity (Units in Each)	-	3,194	1,794	1,788	-	1,788	-	-	-	-	Continuing	Continuing
Gross/Weapon System Cost (\$ in Millions)	1,786.527	333.167	238.805	236.783	-	236.783	-	-	-	-	Continuing	Continuing
Less PY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (\$ in Millions)	1,786.527	333.167	238.805	236.783	-	236.783	-	-	-	-	Continuing	Continuing
Plus CY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (\$ in Millions)	1,786.527	333.167	238.805	236.783	-	236.783	-	-	-	-	Continuing	Continuing

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

Initial Spares (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost (Units in Thousands)	121.088	104.310	133.113	132.429	-	132.429	-	-	-	-	Continuing	Continuing

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

^{##} The FY 2014 OCO Request will be submitted at a later date

Cost Elements († indicates the presence of a P-5A)	ID CD	All Prior Years			FY 2012			FY 2013			FY 2014 Base			FY 2014 OCO			FY 2014 Total		
		Unit Cost (\$ K)	Quantity (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Quantity (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Quantity (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Quantity (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Quantity (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Quantity (Each)	Total Cost (\$ M)
Flyaway Cost																			
Recurring Cost																			
† Tactical GMLRS		99.869	14,754	1,473.462	92.561	3,194	295.640	109.000	1,794	195.546	112.881	1,788	201.831	-	-	-	112.881	1,788	201.831
Engineering Services		-	-	63.874	-	-	6.838	-	-	7.771	-	-	7.114	-	-	-	-	-	7.114
Ind Maint/Init Prod Fac		-	-	55.971	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Interim Contractor Support		-	-	4.539	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Government Test		-	-	26.708	-	-	5.251	-	-	6.471	-	-	6.194	-	-	-	-	-	6.194
First Destination Transportation		-	-	2.709	-	-	0.405	-	-	0.260	-	-	0.278	-	-	-	-	-	0.278
Production Engineering Support		-	-	96.919	-	-	18.901	-	-	18.030	-	-	16.108	-	-	-	-	-	16.108
Project Management Admin		-	-	43.177	-	-	5.720	-	-	5.427	-	-	5.258	-	-	-	-	-	5.258
GMLRS Training Devices		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MCTD Upgrades-Software Engineering		-	-	-	-	-	-	-	-	5.300	-	-	-	-	-	-	-	-	-
Msl Test Device and Trainer		-	-	17.891	-	-	0.412	-	-	-	-	-	-	-	-	-	-	-	-
Spares		-	-	1.277	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

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Exhibit P-5, Cost Analysis: PB 2014 Army													Date: April 2013					
Appropriation / Budget Activity / Budget Sub Activity: 2032A: Missile Procurement, Army / BA 02: Other Missiles / BSA 30: Anti-Tank/Assault Missile Sys						MDAP/MAIS Code: 260			P-1 Line Item Nomenclature: C64400 - Guided MLRS Rocket (GMLRS)				Item Nomenclature (Item Number - Item Name, DODIC): C65404 - GUIDED MLRS ROCKET (GMLRS)					

Cost Elements († indicates the presence of a P-5A)	ID CD	All Prior Years			FY 2012			FY 2013			FY 2014 Base			FY 2014 OCO			FY 2014 Total		
		Unit Cost (\$ K)	Quantity (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Quantity (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Quantity (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Quantity (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Quantity (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Quantity (Each)	Total Cost (\$ M)
Total Recurring Cost				1,786.527			333.167			238.805			236.783			-			236.783
Total Flyaway Cost				1,786.527			333.167			238.805			236.783			-			236.783
Gross Weapon System Cost				1,786.527			333.167			238.805			236.783			-			236.783

Cost Elements († indicates the presence of a P-5A)	ID CD	FY 2015			FY 2016			FY 2017			FY 2018			To Complete			Total Cost		
		Unit Cost (\$ K)	Quantity (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Quantity (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Quantity (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Quantity (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Quantity (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Quantity (Each)	Total Cost (\$ M)
Flyaway Cost																			
Recurring Cost																			
† Tactical GMLRS		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Engineering Services		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Ind Maint/Init Prod Fac		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Interim Contractor Support		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Government Test		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
First Destination Transportation		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Production Engineering Support		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Project Management Admin		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
GMLRS Training Devices		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MCTD Upgrades-Software Engineering		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Msl Test Device and Trainer		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Spares		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Total Recurring Cost				-			-			-			-			-			-
Total Flyaway Cost				-			-			-			-			-			-
Gross Weapon System Cost				-			-			-			-			Continuing			Continuing

P-5 Remarks:

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Exhibit P-5, Cost Analysis: PB 2014 Army			Date: April 2013						
Appropriation / Budget Activity / Budget Sub Activity: 2032A: Missile Procurement, Army / BA 02: Other Missiles / BSA 30: Anti-Tank/Assault Missile Sys			MDAP/MAIS Code: 260		P-1 Line Item Nomenclature: C64400 - Guided MLRS Rocket (GMLRS)			Item Nomenclature (Item Number - Item Name, DODIC): C65404 - GUIDED MLRS ROCKET (GMLRS)	

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	3,194	1,794	1,788	-	1,788	-	-	-	-
	Total Obligation Authority	333.167	238.805	236.783	-	236.783	-	-	-	-

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Exhibit P-5A, Budget Procurement History and Planning: PB 2014 Army										Date: April 2013		
Appropriation / Budget Activity / Budget Sub Activity: 2032A: Missile Procurement, Army / BA 02: Other Missiles / BSA 30: Anti-Tank/Assault Missile Sys				P-1 Line Item Nomenclature: C64400 - Guided MLRS Rocket (GMLRS)				Item Nomenclature: C65404 - GUIDED MLRS ROCKET (GMLRS)				
Cost Elements <small>(† indicates the presence of a P-21)</small>	O C O	FY	Contractor and Location	Method/Type, or Funding Vehicle	Location of PCO	Award Date	Date of First Delivery	Qty <i>(Each)</i>	Unit Cost <i>(\$ K.)</i>	Specs Avail Now?	Date Revsn Avail	RFP Issue Date
†Tactical GMLRS		2012	Lockheed Martin M.&F.C Sys. / Dallas, TX	SS / FFP	AMCOM	Jun 2012	Jul 2013	3,194	92.561	N		May 2011
†Tactical GMLRS		2013	Lockheed Martin M.&F.C Sys. / Dallas, TX	SS / FFP	AMCOM	Dec 2012	Jan 2014	1,794	109.000	N		Aug 2012
†Tactical GMLRS		2014	Lockheed Martin M.&F.C Sys. / Dallas, TX	SS / FFP	AMCOM	Mar 2014	Apr 2015	1,788	112.881	N		Aug 2013
Remarks: Lockheed Martin is currently the industry source that is both faciliitized and qualified to produce the GMLRS rocket. *Sole Source/Firm Fixed Price **Aviation and Missile Command, Redstone Arsenal, Alabama												

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Exhibit P-21, Budget Production Schedule: PB 2014 Army																							Date: April 2013									
Appropriation / Budget Activity / Budget Sub Activity: 2032A: Missile Procurement, Army / BA 02: Other Missiles / BSA 30: Anti-Tank/Assault Missile Sys										P-1 Line Item Nomenclature: C64400 - Guided MLRS Rocket (GMLRS)										Item Nomenclature: C65404 - GUIDED MLRS ROCKET (GMLRS)												
Cost Elements (Units in Each)						Fiscal Year 2012													Fiscal Year 2013													
O C C O	M F R #	FY	SERVICE [±]	PROC QTY	ACCEP PRIOR TO 1 OCT 2011	BAL DUE AS OF 1 OCT	Calendar Year 2012													Calendar Year 2013												
							O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	B A L	
Tactical GMLRS																																
1	2012	ARMY	3,194	-	3,194	-	-	-	-	-	-	-	-	-	-	A -	-	-	-	-	-	-	-	-	-	-	-	-	266	267	267	2,394
1	2012	♦ MC	96	-	96	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	8	8	8	72	
1	2012	TOTAL	3,290	-	3,290	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	274	275	275	2,466	
1	2013	ARMY	1,794	-	1,794	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	A -	-	-	-	-	-	-	-	-	-	1,794	
1	2013	♦ MC	1,398	-	1,398	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1,398	
1	2013	TOTAL	3,192	-	3,192	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3,192	
1	2014	ARMY	1,788	-	1,788	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1,788	
1	2014	♦ MC	36	-	36	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	36	
1	2014	TOTAL	1,824	-	1,824	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1,824	
							O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	B A L	

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Exhibit P-21, Budget Production Schedule: PB 2014 Army														Date: April 2013															
Appropriation / Budget Activity / Budget Sub Activity: 2032A: Missile Procurement, Army / BA 02: Other Missiles / BSA 30: Anti-Tank/Assault Missile Sys										P-1 Line Item Nomenclature: C64400 - Guided MLRS Rocket (GMLRS)										Item Nomenclature: C65404 - GUIDED MLRS ROCKET (GMLRS)									

Cost Elements <i>(Units in Each)</i>						Fiscal Year 2014												Fiscal Year 2015													
O C C O	M F R #	FY	SERVICE [±]	PROC QTY	ACCEP PRIOR TO 1 OCT 2013	BAL DUE AS OF 1 OCT	Calendar Year 2014												Calendar Year 2015												
							O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	B A L
Tactical GMLRS																															
	1	2012	ARMY	3,194	800	2,394	266	266	266	266	266	266	266	266															-		
	1	2012	♦ MC	96	24	72	8	8	8	8	8	8	8	8															-		
	1	2012	TOTAL	3,290	824	2,466	274	274	274	274	274	274	274	274														-			
	1	2013	ARMY	1,794	-	1,794	-	-	-	144	126	126	126	126	162	174	174	180	180	150									-		
	1	2013	♦ MC	1,398	-	1,398	-	-	-	81	119	119	119	119	119	119	120	125	120	-									119		
	1	2013	TOTAL	3,192	-	3,192	-	-	-	225	245	245	245	245	281	293	294	305	300	150								119			
	1	2014	ARMY	1,788	-	1,788	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	181	181	181	181	181	883		
	1	2014	♦ MC	36	-	36	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3	3	3	3	3	21			
	1	2014	TOTAL	1,824	-	1,824	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	184	184	184	184	184	904			
							O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	B A L

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Exhibit P-21, Budget Production Schedule: PB 2014 Army		Date: April 2013
Appropriation / Budget Activity / Budget Sub Activity: 2032A: Missile Procurement, Army / BA 02: Other Missiles / BSA 30: Anti-Tank/Assault Missile Sys		P-1 Line Item Nomenclature: C64400 - Guided MLRS Rocket (GMLRS)
		Item Nomenclature: C65404 - GUIDED MLRS ROCKET (GMLRS)

Cost Elements <i>(Units in Each)</i>						Fiscal Year 2016												Fiscal Year 2017													
O C C O	M F R #	FY	SERVICE [±]	PROC QTY	ACCEP PRIOR TO 1 OCT 2015	BAL DUE AS OF 1 OCT	Calendar Year 2016												Calendar Year 2017												
							O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	B A L
Tactical GMLRS																															
	1	2012	ARMY	3,194	3,194	-																									
	1	2012	♦ MC	96	96	-																									
	1	2012	TOTAL	3,290	3,290	-																									
	1	2013	ARMY	1,794	1,794	-																									
	1	2013	♦ MC	1,398	1,279	119																									
	1	2013	TOTAL	3,192	3,073	119																									
	1	2014	ARMY	1,788	905	883	181	181	181	181	159	-	-																		
	1	2014	♦ MC	36	15	21	3	3	3	3	3	3	3																		
	1	2014	TOTAL	1,824	920	904	184	184	184	184	162	3	3																		
							O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	B A L

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Exhibit P-21, Budget Production Schedule: PB 2014 Army		Date: April 2013
Appropriation / Budget Activity / Budget Sub Activity: 2032A: Missile Procurement, Army / BA 02: Other Missiles / BSA 30: Anti-Tank/Assault Missile Sys	P-1 Line Item Nomenclature: C64400 - Guided MLRS Rocket (GMLRS)	Item Nomenclature: C65404 - GUIDED MLRS ROCKET (GMLRS)

MFR #	MFR Name - Location	Production Rates (Each / Month)			Procurement Leadtime (Months)							
		MSR	1-8-5	MAX	Initial				Reorder			
					ALT Prior to Oct 1	ALT After Oct 1	Mfg PLT	Total After Oct 1	ALT Prior to Oct 1	ALT After Oct 1	Mfg PLT	Total After Oct 1
1	Lockheed Martin M.&F.C Sys. - Dallas, TX	154.00	250.00	500.00	8	2	11	13	-	2	11	13

Remarks:
 Production of GMLRS varies as this program shares a production line with LCRRPRs. There are no production gaps during months that GMLRS are not being produced as LCRRPRs Rocket production continues. For FY13 there have been no Letters of Request for FMS procurement of GMLRS rockets.
 ‡ Delivery rows marked with the ♦ symbol indicate that they are funded through a separate Line Item. See the respective components' exhibits for details, including the full delivery schedule.
 "A" in the Delivery Schedule indicated the Contract Award Date.
 Due to space limitations, quantities in the Exhibit P-21 delivery calendar are truncated and rounded based on the maximum quantity in the calendar as follows. If the maximum quantity is less than or equal to than 99,999, all quantities are shown as each. If the maximum quantity is between 100,000 and 99,999,499 all quantities are shown in thousands (rounded to the nearest thousand). If the maximum quantity is greater than 99,999,499 all quantities are shown in millions (rounded to the nearest million).

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

Appropriation / Budget Activity / Budget Sub Activity:
2032A: Missile Procurement, Army / BA 02: Other Missiles / BSA 30: Anti-Tank/
Assault Missile Sys

P-1 Line Item Nomenclature:
C65405 - MLRS Reduced Range Practice Rockets (RRPR)

ID Code (A=Service Ready, B=Not Service Ready) : **Program Elements for Code B Items:** **Other Related Program Elements:** 0210602A

MDAP/MAIS Code(s):

Resource Summary	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
Procurement Quantity (<i>Units in Each</i>)	18,137	2,370	2,430	2,412	-	2,412	2,706	2,706	2,688	3,000	Continuing	Continuing
Gross/Weapon System Cost (<i>\$ in Millions</i>)	119.285	18.175	18.767	19.022	-	19.022	21.506	21.873	22.307	22.839	Continuing	Continuing
Less PY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (<i>\$ in Millions</i>)	119.285	18.175	18.767	19.022	-	19.022	21.506	21.873	22.307	22.839	Continuing	Continuing
Plus CY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (<i>\$ in Millions</i>)	119.285	18.175	18.767	19.022	-	19.022	21.506	21.873	22.307	22.839	Continuing	Continuing

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

Initial Spares (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Flyaway Unit Cost (<i>Units in Thousands</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost (<i>Units in Thousands</i>)	6.577	7.669	7.723	7.886	-	7.886	7.948	8.083	8.299	7.613	Continuing	Continuing

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

^{##} The FY 2014 OCO Request will be submitted at a later date

Description:

The Multiple Launch Rocket System (MLRS) Low Cost Reduced Range Practice Rocket (RRPR) is the only live training rocket for High Mobility Artillery Rocket System (HIMARS) and M270/M270A1 MLRS Launcher units/crews. RRPR meets a critical validated requirement for Active and Reserve HIMARS and M270A1 launcher units to achieve and maintain combat readiness. HIMARS and M270A1 Battalions are organic and attached to modular Fires Brigades supporting Brigade Combat Teams (BCTs), Joint Expeditionary Force, and Joint Special Operations Force combatant commanders. The training rocket has an inert payload section and blunt nose for inducing reduced range for use at multiple facilities in the United States and foreign countries.

RRPRs are manufactured by Lockheed Martin in Camden, Arkansas.

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	1,332	1,270	1,261	-	1,261	1,415	1,415	1,405	1,569
	Total Obligation Authority	10.217	10.632	10.000	-	10.000	12.829	13.389	13.985	14.152
ANG	Quantity	1,038	1,160	1,151	-	1,151	1,291	1,291	1,283	1,431
	Total Obligation Authority	7.958	8.135	9.022	-	9.022	8.677	8.484	8.322	8.687

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

Appropriation / Budget Activity / Budget Sub Activity:
2032A: Missile Procurement, Army / BA 02: Other Missiles / BSA 30: Anti-Tank/
Assault Missile Sys

P-1 Line Item Nomenclature:
C65405 - MLRS Reduced Range Practice Rockets (RRPR)

ID Code (A=Service Ready, B=Not Service Ready) : **Program Elements for Code B Items:** **Other Related Program Elements:** 0210602A

MDAP/MAIS Code(s):

Item Schedule		ID CD	Prior Years			FY 2012			FY 2013			FY 2014 Base			FY 2014 OCO			FY 2014 Total		
Item Nomenclature*	Exhibits		Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)
C65405 - MLRS Reduced Range Practice Rockets (RRPR)	P5, P5A, P21		6.577	-	119.285	7.669	2,370	18.175	7.723	2,430	18.767	7.886	2,412	19.022	-	-	-	7.886	2,412	19.022
Total Gross/Weapon System Cost					119.285			18.175			18.767			19.022			-			19.022

Item Schedule		ID CD	FY 2015			FY 2016			FY 2017			FY 2018			To Complete			Total		
Item Nomenclature*	Exhibits		Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)
C65405 - MLRS Reduced Range Practice Rockets (RRPR)	P5, P5A, P21		-	-	-	-	-	-	-	-	-	-	-	-	Continuing			Continuing		
Total Gross/Weapon System Cost					21.506			21.873			22.307			22.839	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:
FY2014 Base procurement dollars in the amount of \$19.022 million support funding to procure 2412 RRPRs which are required to maintain the practice rocket inventory for Standards in Training Commission (STRC) requirements.

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

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Exhibit P-5, Cost Analysis: PB 2014 Army										Date: April 2013			
Appropriation / Budget Activity / Budget Sub Activity: 2032A: Missile Procurement, Army / BA 02: Other Missiles / BSA 30: Anti-Tank/Assault Missile Sys				P-1 Line Item Nomenclature: C65405 - MLRS Reduced Range Practice Rockets (RRPR)						Item Nomenclature (Item Number - Item Name, DODIC): C65405 - MLRS Reduced Range Practice Rockets (RRPR)			

Resource Summary	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
Procurement Quantity (Units in Each)	-	2,370	2,430	2,412	-	2,412	-	-	-	-	Continuing	Continuing
Gross/Weapon System Cost (\$ in Millions)	119.285	18.175	18.767	19.022	-	19.022	-	-	-	-	Continuing	Continuing
Less PY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (\$ in Millions)	119.285	18.175	18.767	19.022	-	19.022	-	-	-	-	Continuing	Continuing
Plus CY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (\$ in Millions)	119.285	18.175	18.767	19.022	-	19.022	-	-	-	-	Continuing	Continuing

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

Initial Spares (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost (Units in Thousands)	6.577	7.669	7.723	7.886	-	7.886	-	-	-	-	Continuing	Continuing

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

^{##} The FY 2014 OCO Request will be submitted at a later date

Cost Elements († indicates the presence of a P-5A)	ID CD	All Prior Years			FY 2012			FY 2013			FY 2014 Base			FY 2014 OCO			FY 2014 Total		
		Unit Cost (\$ K)	Quantity (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Quantity (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Quantity (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Quantity (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Quantity (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Quantity (Each)	Total Cost (\$ M)
Flyaway Cost																			
Recurring Cost																			
† Reduced Range Practice Rocket (LCRRPR)		-	-	88.277	5.650	2,370	13.399	5.840	2,430	14.194	5.990	2,412	14.448	-	-	-	5.990	2,412	14.448
Warheads Govt Furnished Equip (GFE)		-	-	10.313	-	-	2.004	-	-	1.717	-	-	1.716	-	-	-	-	-	1.716
Engineering Services		-	-	3.066	-	-	0.289	-	-	0.298	-	-	0.302	-	-	-	-	-	0.302
Test and Evaluation		-	-	2.860	-	-	0.415	-	-	0.427	-	-	0.411	-	-	-	-	-	0.411
First Destination Transportation		-	-	0.402	-	-	0.028	-	-	0.016	-	-	0.016	-	-	-	-	-	0.016
Project Management Admin		-	-	7.237	-	-	0.652	-	-	0.682	-	-	0.646	-	-	-	-	-	0.646
Production Engineering Support		-	-	7.130	-	-	1.388	-	-	1.433	-	-	1.483	-	-	-	-	-	1.483
Total Recurring Cost				119.285			18.175			18.767			19.022			-			19.022
Total Flyaway Cost				119.285			18.175			18.767			19.022			-			19.022
Gross Weapon System Cost				119.285			18.175			18.767			19.022			-			19.022

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Exhibit P-5, Cost Analysis: PB 2014 Army														Date: April 2013					
Appropriation / Budget Activity / Budget Sub Activity: 2032A: Missile Procurement, Army / BA 02: Other Missiles / BSA 30: Anti-Tank/Assault Missile Sys							P-1 Line Item Nomenclature: C65405 - MLRS Reduced Range Practice Rockets (RRPR)							Item Nomenclature (Item Number - Item Name, DODIC): C65405 - MLRS Reduced Range Practice Rockets (RRPR)					

Cost Elements († indicates the presence of a P-5A)	ID CD	FY 2015			FY 2016			FY 2017			FY 2018			To Complete			Total Cost		
		Unit Cost (\$ K)	Quantity (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Quantity (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Quantity (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Quantity (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Quantity (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Quantity (Each)	Total Cost (\$ M)
Flyaway Cost																			
Recurring Cost																			
† Reduced Range Practice Rocket (LCRRPR)		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Warheads Govt Furnished Equip (GFE)		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Engineering Services		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Test and Evaluation		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
First Destination Transportation		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Project Management Admin		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Production Engineering Support		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
<i>Total Recurring Cost</i>				-			-			-			-			-			-
<i>Total Flyaway Cost</i>				-			-			-			-			-			-
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	1,332	1,270	1,261	-	1,261	-	-	-	-
	Total Obligation Authority	10.217	10.632	10.000	-	10.000	-	-	-	-
ANG	Quantity	1,038	1,160	1,151	-	1,151	-	-	-	-
	Total Obligation Authority	7.958	8.135	9.022	-	9.022	-	-	-	-

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Exhibit P-5A, Budget Procurement History and Planning: PB 2014 Army										Date: April 2013		
Appropriation / Budget Activity / Budget Sub Activity: 2032A: Missile Procurement, Army / BA 02: Other Missiles / BSA 30: Anti-Tank/Assault Missile Sys				P-1 Line Item Nomenclature: C65405 - MLRS Reduced Range Practice Rockets (RRPR)				Item Nomenclature: C65405 - MLRS Reduced Range Practice Rockets (RRPR)				
Cost Elements <small>(† indicates the presence of a P-21)</small>	O C O	FY	Contractor and Location	Method/Type, or Funding Vehicle	Location of PCO	Award Date	Date of First Delivery	Qty <small>(Each)</small>	Unit Cost <small>(\$ K.)</small>	Specs Avail Now?	Date Revsn Avail	RFP Issue Date
†Reduced Range Practice Rocket (LCRRPR)		2012	Lockheed Martin / Dallas	SS / FFP	AMCOM, RSA, AL	Jun 2012	Jul 2013	2,370	5.650	N		May 2011
†Reduced Range Practice Rocket (LCRRPR)		2013	Lockheed Martin / Dallas	SS / FFP	AMCOM, RSA, AL	Dec 2012	Jan 2014	2,430	5.840	N		Jul 2012
†Reduced Range Practice Rocket (LCRRPR)		2014	Lockheed Martin / Dallas	SS / FFP	AMCOM, RSA, AL	Mar 2014	Apr 2015	2,412	5.990	N		Aug 2013
Remarks: Lockheed Martin is currently the industry source that is both facilitized and qualified to produce the Low Cost Reduced Range Practice Rocket. * Sole source/Firm Fixed Price ** Aviation and Missile Command, Redstone Arsenal, AL												

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Exhibit P-21, Budget Production Schedule: PB 2014 Army **Date:** April 2013

Appropriation / Budget Activity / Budget Sub Activity: 2032A: Missile Procurement, Army / BA 02: Other Missiles / BSA 30: Anti-Tank/Assault Missile Sys	P-1 Line Item Nomenclature: C65405 - MLRS Reduced Range Practice Rockets (RRPR)	Item Nomenclature: C65405 - MLRS Reduced Range Practice Rockets (RRPR)
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Cost Elements <i>(Units in Each)</i>						Fiscal Year 2012												Fiscal Year 2013																	
O C C O	M F R #	FY	SERVICE [‡]	PROC QTY	ACCEP PRIOR TO 1 OCT 2011	BAL DUE AS OF 1 OCT	Calendar Year 2012												Calendar Year 2013																
							O C T	N O V	D E C	J A N	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				
Reduced Range Practice Rocket (LCRRPR)																																			
	1	2012	ARMY	2,370	-	2,370	-	-	-	-	-	-	-	-	-	A	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	197	197	197	1,779
	1	2012	♦ MC	630	-	630	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	53	53	53	471
	1	2012	TOTAL	3,000	-	3,000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	250	250	250	2,250
	1	2013	ARMY ^(VII)	2,430	-	2,430	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2,430	
	1	2013	♦ MC ^(VIII)	732	-	732	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	732	
	1	2013	TOTAL	3,162	-	3,162	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3,162	
	1	2014	ARMY ^(IX)	2,412	-	2,412	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2,412	
	1	2014	♦ MC ^(X)	204	-	204	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	204	
	1	2014	TOTAL	2,616	-	2,616	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2,616	
							O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	B A L				

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Exhibit P-21, Budget Production Schedule: PB 2014 Army **Date:** April 2013

Appropriation / Budget Activity / Budget Sub Activity: 2032A: Missile Procurement, Army / BA 02: Other Missiles / BSA 30: Anti-Tank/Assault Missile Sys	P-1 Line Item Nomenclature: C65405 - MLRS Reduced Range Practice Rockets (RRPR)	Item Nomenclature: C65405 - MLRS Reduced Range Practice Rockets (RRPR)
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Cost Elements <i>(Units in Each)</i>						Fiscal Year 2014													Fiscal Year 2015													
O C C O	M F R #	FY	SERVICE [±]	PROC QTY	ACCEP PRIOR TO 1 OCT 2013	BAL DUE AS OF 1 OCT	Calendar Year 2014													Calendar Year 2015												
							O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	B A L	
Reduced Range Practice Rocket (LCRRPR)																																
	1	2012	ARMY	2,370	591	1,779	197	197	197	198	198	198	198	198															-			
	1	2012	♦ MC	630	159	471	53	53	53	52	52	52	52	52															-			
	1	2012	TOTAL	3,000	750	2,250	250	250	250	250	250	250	250	250															-			
	1	2013	ARMY (VII)	2,430	-	2,430	-	-	-	202	202	202	202	202	202	202	202	204	204	204									-			
	1	2013	♦ MC (VIII)	732	-	732	-	-	-	61	61	61	61	61	61	61	61	61	61	61									-			
	1	2013	TOTAL	3,162	-	3,162	-	-	-	263	263	263	263	263	263	263	263	265	265	265									-			
	1	2014	ARMY (IX)	2,412	-	2,412	-	-	-	-	A -	-	-	-	-	-	-	-	-	-	-	-	-	201	201	201	201	201	201	1,206		
	1	2014	♦ MC (X)	204	-	204	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	17	17	17	17	17	17	102		
	1	2014	TOTAL	2,616	-	2,616	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	218	218	218	218	218	218	1,308			
							O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	B A L	

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Exhibit P-21, Budget Production Schedule: PB 2014 Army		Date: April 2013
Appropriation / Budget Activity / Budget Sub Activity: 2032A: Missile Procurement, Army / BA 02: Other Missiles / BSA 30: Anti-Tank/Assault Missile Sys	P-1 Line Item Nomenclature: C65405 - MLRS Reduced Range Practice Rockets (RRPR)	Item Nomenclature: C65405 - MLRS Reduced Range Practice Rockets (RRPR)

MFR #	MFR Name - Location	Production Rates (Each / Month)			Procurement Leadtime (Months)							
		MSR	1-8-5	MAX	Initial				Reorder			
					ALT Prior to Oct 1	ALT After Oct 1	Mfg PLT	Total After Oct 1	ALT Prior to Oct 1	ALT After Oct 1	Mfg PLT	Total After Oct 1
1	Lockheed Martin - Dallas	42.00	480.00	960.00	8	2	11	13	-	2	11	13

Remarks:
 Production of LCRPRs varies as this program shares a production line with GMLRS. There are no production gaps during months that RRPRs are not being produced as GMLRS Rocket production continues.
 ‡ Delivery rows marked with the ♦ symbol indicate that they are funded through a separate Line Item. See the respective components' exhibits for details, including the full delivery schedule.
 "A" in the Delivery Schedule indicated the Contract Award Date.
 Due to space limitations, quantities in the Exhibit P-21 delivery calendar are truncated and rounded based on the maximum quantity in the calendar as follows. If the maximum quantity is less than or equal to than 99,999, all quantities are shown as each. If the maximum quantity is between 100,000 and 99,999,499 all quantities are shown in thousands (rounded to the nearest thousand). If the maximum quantity is greater than 99,999,499 all quantities are shown in millions (rounded to the nearest million).
Service/Agency Suffixes:
 (VII) BASE
 (VIII) BASE
 (IX) BASE
 (X) BASE

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

Appropriation / Budget Activity / Budget Sub Activity: 2032A: Missile Procurement, Army / BA 02: Other Missiles / BSA 30: Anti-Tank/ Assault Missile Sys	P-1 Line Item Nomenclature: C02901 - High Mobility Artillery Rocket System (HIMARS)
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ID Code (A=Service Ready, B=Not Service Ready) :	Program Elements for Code B Items:	Other Related Program Elements: 0210608A, 0603778A
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MDAP/MAIS Code(s):

Resource Summary	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
Procurement Quantity (Units in Each)	375	-	-	-	-	-	-	-	-	-	-	375
Gross/Weapon System Cost (\$ in Millions)	1,632.174	31.674	12.051	-	-	-	-	-	-	-	-	1,675.899
Less PY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (\$ in Millions)	1,632.174	31.674	12.051	-	-	-	-	-	-	-	-	1,675.899
Plus CY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (\$ in Millions)	1,632.174	31.674	12.051	-	-	-	-	-	-	-	-	1,675.899

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

Initial Spares (\$ in Millions)	73.322	0.937	-	-	-	-	-	-	-	-	-	74.259
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

^{##} The FY 2014 OCO Request will be submitted at a later date

Description:

The M142 High Mobility Artillery Rocket System (HIMARS) is a full spectrum, combat proven, all weather, 24/7 lethal and responsive, precision strike weapon system that fully supports more deployable, affordable and lethal, Brigade Combat Teams, Fires Brigade, Modular Forces, and Joint Expeditionary Forces. The HIMARS launcher is a C-130 transportable, wheeled, indirect fire, rocket/missile launcher capable of engaging a variety of targets while firing all rockets and missiles in the current and future Multiple Launch Rocket System (MLRS) Family of Munitions (MFOM) and Army Tactical Missile System (ATACMS) Family of Munitions (AFOM) out to ranges of 300 kilometers. The HIMARS launcher has extensive commonality in both functionality and operational employment with the MLRS M270A1 tracked launcher and consists of a Fire Control System, a carrier (FMTV XM1140A1 automotive chassis) and a launcher-loader module (LLM) that performs all operations necessary to complete a fire mission. HIMARS also satisfies the Army's digitization requirements by interfacing with the Advanced Field Artillery Tactical Data System (AFATDS) fire support command and control system. HIMARS, as part of the Fires Brigade, provides fires that shape, shield and isolate the battle space and while using both precision GMLRS and ATACMS Unitary munitions, HIMARS provides close support fires for Troops in Contact (TIC) in both open and urban terrain. The HIMARS provides Joint Expeditionary Forces a flexible and lethal rocket/missile capability. HIMARS units can be quickly tailored for centralized or decentralized execution throughout the entire battle space in support of ground forces. The program also includes training devices for tactical training, classroom training, and handling exercises for optimal performance. HIMARS has been deployed to Operation Iraqi Freedom (OIF) and is still supporting Operation Enduring Freedom (OEF) with great success by both US Army and Marine Corps units.

Secondary Distribution	FY 2012	FY 2013	FY 2014 Base	FY 2014 OCO	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018
Army									
Quantity	-	-	-	-	-	-	-	-	-
Total Obligation Authority	-	12.051	-	-	-	-	-	-	-

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

Appropriation / Budget Activity / Budget Sub Activity:
2032A: Missile Procurement, Army / BA 02: Other Missiles / BSA 30: Anti-Tank/
Assault Missile Sys **P-1 Line Item Nomenclature:**
C02901 - High Mobility Artillery Rocket System (HIMARS)

ID Code (A=Service Ready, B=Not Service Ready) : **Program Elements for Code B Items:** **Other Related Program Elements:** 0210608A, 0603778A

MDAP/MAIS Code(s):

Item Schedule		ID CD	Prior Years			FY 2012			FY 2013			FY 2014 Base			FY 2014 OCO			FY 2014 Total		
Item Nomenclature*	Exhibits		Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)
C03000 - HIMARS LAUNCHER	P5		-	-	1,586.725	-	-	24.184	-	-	12.051	-	-	-	-	-	-	-	-	-
C03001 - HIMARS Training Devices	P5		-	-	45.449	-	-	7.490	-	-	-	-	-	-	-	-	-	-	-	-
Total Gross/Weapon System Cost					1,632.174			31.674			12.051			-			-			-

*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:
There is no funding requested in FY14.

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Exhibit P-5, Cost Analysis: PB 2014 Army		Date: April 2013
Appropriation / Budget Activity / Budget Sub Activity: 2032A: Missile Procurement, Army / BA 02: Other Missiles / BSA 30: Anti-Tank/Assault Missile Sys	P-1 Line Item Nomenclature: C02901 - High Mobility Artillery Rocket System (HIMARS)	Item Nomenclature (Item Number - Item Name, DODIC): C03000 - HIMARS LAUNCHER

Resource Summary	Prior Years	FY 2012	FY 2013[#]	FY 2014 Base	FY 2014 OCO^{##}	FY 2014 Total
Procurement Quantity (Units in Each)	-	-	-	-	-	-
Gross/Weapon System Cost (\$ in Millions)	1,586.725	24.184	12.051	-	-	-
Less PY Advance Procurement (\$ in Millions)	-	-	-	-	-	-
Net Procurement (P1) (\$ in Millions)	1,586.725	24.184	12.051	-	-	-
Plus CY Advance Procurement (\$ in Millions)	-	-	-	-	-	-
Total Obligation Authority (\$ in Millions)	1,586.725	24.184	12.051	-	-	-

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

Initial Spares (\$ in Millions)	73.322	0.937	-	-	-	-
Gross/Weapon System Unit Cost (Units in Thousands)	-	-	-	-	-	-

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

^{##} The FY 2014 OCO Request will be submitted at a later date

Cost Elements († indicates the presence of a P-5A)	ID CD	All Prior Years			FY 2012			FY 2013			FY 2014 Base			FY 2014 OCO			FY 2014 Total		
		Unit Cost (\$ K)	Quantity (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Quantity (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Quantity (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Quantity (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Quantity (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Quantity (Each)	Total Cost (\$ M)
Flyaway Cost																			
Recurring Cost																			
Launcher		2,518.995	375	944.623	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Carrier		443.256	375	166.221	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Engineering Services		-	-	95.653	-	-	9.462	-	-	4.521	-	-	-	-	-	-	-	-	-
Fielding		-	-	48.355	-	-	4.459	-	-	2.569	-	-	-	-	-	-	-	-	-
Facilitization		-	-	28.410	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Project Management Admin		-	-	86.133	1,009	5,647	5.695	-	-	2.396	-	-	-	-	-	-	-	-	-
Production Engineering		-	-	82.053	-	-	2.812	-	-	1.386	-	-	-	-	-	-	-	-	-
Government Testing		-	-	27.200	-	-	0.987	-	-	0.487	-	-	-	-	-	-	-	-	-
Peculiar Support Equipment		-	-	34.755	-	-	0.769	-	-	0.692	-	-	-	-	-	-	-	-	-
Initial Spares		-	-	73.322	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Total Recurring Cost				1,586.725			24.184			12.051			-			-			-
Total Flyaway Cost				1,586.725			24.184			12.051			-			-			-
Gross Weapon System Cost				1,586.725			24.184			12.051			-			-			-

P-5 Remarks:

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Exhibit P-5, Cost Analysis: PB 2014 Army		Date: April 2013
Appropriation / Budget Activity / Budget Sub Activity: 2032A: Missile Procurement, Army / BA 02: Other Missiles / BSA 30: Anti-Tank/Assault Missile Sys	P-1 Line Item Nomenclature: C02901 - High Mobility Artillery Rocket System (HIMARS)	Item Nomenclature (Item Number - Item Name, DODIC): C03000 - HIMARS LAUNCHER

Secondary Distribution		FY 2012	FY 2013	FY 2014 Base	FY 2014 OCO	FY 2014 Total
Army	Quantity	-	-	-	-	-
	Total Obligation Authority	11.056	12.051	-	-	-
ANG	Quantity	-	-	-	-	-
	Total Obligation Authority	13.128	-	-	-	-

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Exhibit P-5, Cost Analysis: PB 2014 Army				Date: April 2013				
Appropriation / Budget Activity / Budget Sub Activity: 2032A: Missile Procurement, Army / BA 02: Other Missiles / BSA 30: Anti-Tank/Assault Missile Sys		MDAP/MAIS Code: 367	P-1 Line Item Nomenclature: C02901 - High Mobility Artillery Rocket System (HIMARS)			Item Nomenclature (Item Number - Item Name, DODIC): C03001 - HIMARS Training Devices		

Resource Summary	Prior Years	FY 2012	FY 2013[#]	FY 2014 Base	FY 2014 OCO^{##}	FY 2014 Total
Procurement Quantity (Units in Each)	-	-	-	-	-	-
Gross/Weapon System Cost (\$ in Millions)	45.449	7.490	-	-	-	-
Less PY Advance Procurement (\$ in Millions)	-	-	-	-	-	-
Net Procurement (P1) (\$ in Millions)	45.449	7.490	-	-	-	-
Plus CY Advance Procurement (\$ in Millions)	-	-	-	-	-	-
Total Obligation Authority (\$ in Millions)	45.449	7.490	-	-	-	-

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

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

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

^{##} The FY 2014 OCO Request will be submitted at a later date

Cost Elements († indicates the presence of a P-5A)	ID CD	All Prior Years			FY 2012			FY 2013			FY 2014 Base			FY 2014 OCO			FY 2014 Total		
		Unit Cost (\$ K)	Quantity (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Quantity (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Quantity (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Quantity (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Quantity (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Quantity (Each)	Total Cost (\$ M)
Flyaway Cost																			
Recurring Cost																			
OMEMS Tactical Trainer		-	-	33.361	-	-	6.552	-	-	-	-	-	-	-	-	-	-	-	-
MFOM Simulator (MLPA)		-	-	7.555	-	-	0.938	-	-	-	-	-	-	-	-	-	-	-	-
Organizational Maintenance Trainer		-	-	4.533	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Total Recurring Cost				45.449			7.490			-			-			-			-
Total Flyaway Cost				45.449			7.490			-			-			-			-
Gross Weapon System Cost				45.449			7.490			-			-			-			-

P-5 Remarks:

Secondary Distribution		FY 2012	FY 2013	FY 2014 Base	FY 2014 OCO	FY 2014 Total
Army	Quantity	-	-	-	-	-
	Total Obligation Authority	3.446	-	-	-	-
ANG	Quantity	-	-	-	-	-
	Total Obligation Authority	4.044	-	-	-	-

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

Appropriation / Budget Activity / Budget Sub Activity:
2032A: Missile Procurement, Army / BA 03: Modification of Missiles / BSA 10: Modifications

P-1 Line Item Nomenclature:
C50700 - Patriot Mods

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

MDAP/MAIS Code(s):

Resource Summary	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
Procurement Quantity (Units in Each)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost (\$ in Millions)	2,470.492	68.665	199.565	256.438	-	256.438	216.037	298.019	279.949	356.278	Continuing	Continuing
Less PY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (\$ in Millions)	2,470.492	68.665	199.565	256.438	-	256.438	216.037	298.019	279.949	356.278	Continuing	Continuing
Plus CY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (\$ in Millions)	2,470.492	68.665	199.565	256.438	-	256.438	216.037	298.019	279.949	356.278	Continuing	Continuing

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

Initial Spares (\$ in Millions)	5,537.539	4.992	6.800	10.139	-	10.139	10.247	10.860	10.362	12.050	Continuing	Continuing
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

^{##} The FY 2014 OCO Request will be submitted at a later date

Description:

The PATRIOT Mods program implements modifications to the weapon system and maintains Integrated Logistics Support. Required modifications are identified through various means to include: validated requirement documents such as the Capability Production Document (CPD) and the Operational Needs Statement (ONS); material changes supported by improved operational effectiveness as identified in the PATRIOT Product Improvement Program (PIP); material deficiencies identified in the field; obsolescence issues; emerging technologies; software improvements; crew interface and communication upgrades.

PATRIOT Mods funding supports Reliability, Availability, and Maintainability (RAM) Mods; Recapitalization (RECAP); Battery Command Post/ Tactical Command System (BCP/TCS) Mod; the Combined Crypto Modification Phase I (CCMPI) upgrade; the Radar Digital Processor (RDP) upgrade; the Air Defense Artillery (ADA) School Upgrades/ Training Aids, Devices, Simulators and Simulations (TADSS); the Modern Manstation (MMS) upgrade; Radar on the Net/Kit Integration; Enhanced Launcher Electronic Systems (ELES); and SIPRNet/NIPRNet Access Point / Troposcatter (SNAP/TROPO).

RAM modifications provide resolution to field failures which are identified through component analysis, field data collection, obsolescence issues and emerging technologies which are prioritized based on readiness and Operations and Support (O&S) impacts. This effort includes the engineering, acquisition, qualification testing, installation, technical support and training device upgrades associated with modification and design changes which are essential to stabilize the system at the highest readiness posture available and reduction of O&S. Kit quantity is based on expected Engineering Change Proposals (ECPs) to be applied to Major End Item (MEI).

Recapitalization (RECAP) Modifications include communication upgrades, Family of Medium Tactical Vehicles (FMTV), training upgrades, and Depot Maintenance Plant Equipment (DMPE). These modifications are synchronized within the RECAP program. RECAP is a battalion set, resulting in a more supportable, reliable, and capable unit in the force. Quantity represents 1 battalion a year.

The Battery Command Post/Tactical Command System (BCP/TCS) effort continues the development of the CDD required BMC4I capability to maintain compatibility with tactical software enhancements, while enhancing and improving the defense design and planning capabilities for the PATRIOT warfighter. This includes systems engineering, software requirements, software design/code/test and independent validation and verification testing. This effort also provides Integrated Logistics Support, required due to the large amount of Commercial Off The Shelf components, of the 67 Battery Command Posts and 17

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Exhibit P-40, Budget Item Justification Sheet: PB 2014 Army		Date: April 2013
Appropriation / Budget Activity / Budget Sub Activity: 2032A: Missile Procurement, Army / BA 03: Modification of Missiles / BSA 10: Modifications		P-1 Line Item Nomenclature: C50700 - Patriot Mods
ID Code (A=Service Ready, B=Not Service Ready) :	Program Elements for Code B Items:	Other Related Program Elements:
MDAP/MAIS Code(s):		
<p>Tactical Command Systems. Additionally, this effort supports the BCP/TCS fielding upgrades for each PATRIOT Post Deployment Build update, as well as working obsolescence alleviation and engineering changes.</p> <p>The Patriot Modernization modification is a roll-up of the Combined Crypto Modification Phase I (CCMPI), the Radar Digital Processor (RDP), and the Modern Manstation (MMS) for FY 2012 and FY 2013. Beginning with PB14 CCMPI, RDP, and MMS have been broken out into individual modifications.</p> <p>Combined Crypto Modification Phase I (CCMPI): The planned PATRIOT communications upgrade program is a phased approach leveraging NSA mandated crypto modernization updates, user generated requirements (PATRIOT Data Information Link (PADIL) over IP), Beyond Line of Sight (BLOS) communications, and communications hardware obsolescence mitigation efforts. This approach allows cost efficiencies and better business practices by synergizing these efforts. CCMPI is fully funded and addresses the PAC-3 Capability Production Document (CPD) requirements including the crypto modernization, a limited PADIL over Internet Protocol (IP) capability, and 3011C multi-cast (protocol). CCMPI installs a Black Station Clock Upgrade (BSCU) to allow for increased data rates; the Ruggedized iQ1000 (RiQ) for data processing and IP overlay; and interfaces for soldier provided SIPR/NIPR devices. The CCMPI program also replaces KG-94A/194A encryptors with KIV-7M encryptors due to the 2009 NSA force modification.</p> <p>The Radar Digital Processor (RDP) replaces obsolete digital processors with single rack commercial off-the-shelf based modern processors. Battery Replaceable Units (BRUs) are reduced from 759 to 56 with 13 power supplies and 18 racks removed. Benefits of the RDP include an estimated 40% improvement in radar reliability, life cycle cost savings and capability growth through software improvements. The RDP modification will enable full AN/TPX-57(v)1 Identification Friend or Foe (IFF) Mode 5 Level 1 and 2 and new Combat Identification capabilities. The enhanced IFF capability allows for expanded target reports from the AN/TPX-57 which will include: National Origin, Platform ID Number (PIN), GPS position (Level 2) and will allow for the identification of multiple targets in the same IFF beam. Also, the RDP will support efforts to counter emerging threats and growth to the netted sensor concept.</p> <p>The Air Defense Artillery (ADA) School Upgrades / Training Aids, Devices, Simulators and Simulations (TADSS) modification is necessary to upgrade school assets to Configuration 3. Four Enhanced Launcher Electronics Systems (ELES), four Radar Kits, and three Engagement Control Systems (ECS) will complete the school upgrades. TADSS is funded in FY2017.</p> <p>The Modern ManStation (MMS) is designed to significantly improve the reliability of the legacy Manstation by replacing 221 obsolete parts in 41 assemblies and reducing BRUs from 493 to 51. Benefits of the MMS include the installation of two 30" high resolution color LCD displays with touch panels; significant increase in Mean Time Between Failure rates; elimination of a costly Multi-Volt power supply all while greatly improving the overall visual graphics used for decision making. The MMS upgrades will increase Warfighter effectiveness; enable future capabilities; increase reliability; and reduce life cycle costs. Training will be aligned with the tactical system using the same displays, providing geopolitical maps, and utilizing color symbology for immediate recognition of friend, foe or unknown. Soft keys will enable future switch configurations with software upgrades. The MMS also enables future graphical user interface with Common Warfighter Machine Interface (CWMI) systems. The MMS modification upgrade will be incorporated into 82 Engagement Control Station (ECS) Shelters and 22 Information and Coordination Central (ICC) Shelters.</p> <p>The Enhanced Launcher Electronics System (ELES) modification will upgrade a PAC-2 Launcher to a PAC-3 Capability.</p> <p>The Radar on the Net/Kit Integration modification will enable the radar to operate directly on the Integrated Air and Missile Defense (IAMD) net and reduce obsolescence.</p> <p>SIPRNet/ NIPRNet Access Point / Troposcatter (SNAP/TROPO). The SNAP/Tropo program provides units with an organic Beyond Line of Sight (BLOS) capability to support both intra battalion and extra battalion communications. Troposcatter terminals allow connectivity between Patriot shelters when local terrain or long distances make organic UHF Line of Sight (LOS) communications impossible. SNAP terminals allow a Patriot shelter without access to any local infrastructure to remotely connect to both SIPRnet and NIPRnet using Ku band satellites for range extension in response to Operational Need Statements from combatant commands.</p>		

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

Appropriation / Budget Activity / Budget Sub Activity: 2032A: Missile Procurement, Army / BA 03: Modification of Missiles / BSA 10: Modifications	P-1 Line Item Nomenclature: C50700 - Patriot Mods
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ID Code (A=Service Ready, B=Not Service Ready) :	Program Elements for Code B Items:	Other Related Program Elements:
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MDAP/MAIS Code(s):

Secondary Distribution		FY 2012	FY 2013	FY 2014 Base	FY 2014 OCO	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018
Army	Quantity	-	-	-	-	-	-	-	-	-
	Total Obligation Authority	68.665	199.565	256.438	-	256.438	216.037	298.019	279.949	356.278

Item Schedule		Prior Years			FY 2012			FY 2013			FY 2014 Base			FY 2014 OCO			FY 2014 Total			
Item Nomenclature*	Exhibits	ID CD	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)
Various - PATRIOT MODS	P3A		-	-	2,470.492	-	-	68.665	-	-	199.565	-	-	256.438	-	-	-	-	-	256.438
Total Gross/Weapon System Cost					2,470.492			68.665			199.565			256.438			-			256.438

Item Schedule		FY 2015			FY 2016			FY 2017			FY 2018			To Complete			Total			
Item Nomenclature*	Exhibits	ID CD	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)
Various - PATRIOT MODS	P3A		-	-	216.037	-	-	298.019	-	-	279.949	-	-	356.278	Continuing			Continuing		
Total Gross/Weapon System Cost					216.037			298.019			279.949			356.278	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 funding in the amount of \$256.438 million supports the modifications for Reliability, Availability, and Maintainability Modifications (RAM Mods), Recapitalization (RECAP), Battery Command Post/ Tactical Command System (BCP/TCS), Combined Crypto Modification Phase I (CCMPI), Radar Digital Processor (RDP), Modern ManStation (MMS), Enhanced Launcher Electronics System (ELES), Air Defense Artillery (ADA) School Upgrades, and SIPRNet/NIPRNet Access Point / Troposcatter (SNAP/TROPO).

 Efforts will be made to expedite Patriot materiel solutions (e.g. Radar Digital Processor, Communications Upgrades, Radars on the Net) to both enhance capability and facilitate integration into the Integrated Air and Missile Defense (IAMD) architecture.

 In accordance with Section 1815 of the FY 2008 National Defense Authorization Act (P.L. 110-181), this item is necessary for 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: 2032A: Missile Procurement, Army / BA 03: Modification of Missiles / BSA 10: Modifications	P-1 Line Item Nomenclature: C50700 - Patriot Mods	Modification Nomenclature (<i>Modification Number - Modification Title</i>): Various - PATRIOT MODS

Models of Systems Affected: Various			Type Modification: Various				Related RDT&E PEs:					
Resource Summary	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
Procurement Quantity (<i>Units in Each</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost (<i>\$ in Millions</i>)	2,470.492	68.665	199.565	256.438	-	256.438	216.037	298.019	279.949	356.278	Continuing	Continuing
Less PY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (<i>\$ in Millions</i>)	2,470.492	68.665	199.565	256.438	-	256.438	216.037	298.019	279.949	356.278	Continuing	Continuing
Plus CY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (<i>\$ in Millions</i>)	2,470.492	68.665	199.565	256.438	-	256.438	216.037	298.019	279.949	356.278	Continuing	Continuing

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

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

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

^{##} The FY 2014 OCO Request will be submitted at a later date

Description:

The PATRIOT weapon system modernization program implements modifications to the weapon system and maintains Integrated Logistics Support. Required modifications are identified through various means, including the following: validated requirements documents such as Capability Production Documents and Operational Needs Statements; material changes identified in the Patriot Product Improvement Program (PIP); material deficiencies identified in the field; obsolescence issues; emerging technologies; software improvements; crew interface and communications upgrades.

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Exhibit P-3A, Individual Modification: PB 2014 Army											Date: April 2013	
Appropriation / Budget Activity / Budget Sub Activity: 2032A: Missile Procurement, Army / BA 03: Modification of Missiles / BSA 10: Modifications				P-1 Line Item Nomenclature: C50700 - Patriot Mods				Modification Nomenclature (<i>Modification Number - Modification Title</i>): Various - PATRIOT MODS				
Models of Systems Affected: Various			Type Modification: Various					Related RDT&E PEs:				
Financial Plan	Prior Years	FY 2012	FY 2013	FY 2014 Base	FY 2014 OCO	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)
Procurement												
RAM Mods												
A Kits												
Recurring												
Kit Quantity	6,230 / 566.990	- / 9.600	108 / 11.946	86 / 9.773	- / -	86 / 9.773	90 / 9.977	91 / 10.052	100 / 11.000	102 / 11.323	7,306 / 334.687	14,113 / 975.348
Training	0 / 0.000	- / 11.000	- / 12.046	- / 11.550	- / -	- / 11.550	- / 11.564	- / 12.265	- / 12.500	- / 13.189	- / -	- / 84.114
Training Equipment	0 / 0.000	- / 4.300	- / 2.104	- / 5.630	- / -	- / 5.630	- / 5.643	- / 5.985	- / 6.100	- / 6.436	- / -	- / 36.198
Support Equipment	0 / 0.000	- / 2.500	- / 9.142	- / 8.759	- / -	- / 8.759	- / 8.789	- / 9.321	- / 9.500	- / 10.023	- / -	- / 58.034
Other	0 / 4.897	- / 6.400	- / 15.954	- / 15.800	- / -	- / 15.800	- / 15.819	- / 16.778	- / 17.100	- / 18.042	- / -	- / 110.790
Integrated Logistics Support	0 / 0.800	- / 1.200	- / 1.052	- / 1.010	- / -	- / 1.010	- / 1.017	- / 1.079	- / 1.100	- / 1.162	- / -	- / 8.420
Subtotal Recurring	6,230 / 572.687	- / 35.000	108 / 52.244	86 / 52.522	- / -	86 / 52.522	90 / 52.809	91 / 55.480	100 / 57.300	102 / 60.175	7,306 / 334.687	14,113 / 1,272.904
Total, RAM Mods	6,230 / 572.687	- / 35.000	108 / 52.244	86 / 52.522	- / -	86 / 52.522	90 / 52.809	91 / 55.480	100 / 57.300	102 / 60.175	7,306 / 334.687	14,113 / 1,272.904
Recapitalization												
A Kits												
Recurring												
Kit Quantity	9 / 217.100	1 / 10.000	1 / 10.000	1 / 10.000	- / -	1 / 10.000	1 / 10.000	1 / 10.900	1 / 11.600	1 / 11.650	4 / 81.336	20 / 372.586
Other	0 / 5.736	- / 2.000	- / 2.000	- / 2.000	- / -	- / 2.000	- / 2.000	- / 3.100	- / 3.200	- / 3.250	- / 5.164	- / 28.450
Subtotal Recurring	9 / 222.836	1 / 12.000	1 / 12.000	1 / 12.000	- / -	1 / 12.000	1 / 12.000	1 / 14.000	1 / 14.800	1 / 14.900	4 / 86.500	20 / 401.036
Total, Recapitalization	9 / 222.836	1 / 12.000	1 / 12.000	1 / 12.000	- / -	1 / 12.000	1 / 12.000	1 / 14.000	1 / 14.800	1 / 14.900	4 / 86.500	20 / 401.036
BCP/TCS												
A Kits												
Recurring												
Engineering Change Orders	0 / 0.000	- / -	- / -	- / 1.000	- / -	- / 1.000	- / 1.200	- / 1.200	- / 1.200	- / -	- / 11.887	- / 16.487
Fielding Support	0 / 0.000	- / -	- / 2.100	- / 0.400	- / -	- / 0.400	- / 0.400	- / 0.400	- / 0.400	- / 0.400	- / 13.207	- / 17.307
Obsolescence/Tech Refresh	0 / 0.000	- / -	- / -	- / 0.200	- / -	- / 0.200	- / -	- / -	- / -	- / -	- / -	- / 0.200
Software/Systems Engineering	0 / 14.000	- / 2.800	- / 4.600	- / 5.900	- / -	- / 5.900	- / 5.900	- / 5.900	- / 5.900	- / 3.100	- / 62.614	- / 110.714
Integrated Logistics Support	0 / 24.626	- / 2.800	- / 4.500	- / 4.500	- / -	- / 4.500	- / 4.500	- / 4.500	- / 4.500	- / 4.500	- / 4.500	- / 58.926
Subtotal Recurring	0 / 38.626	- / 5.600	- / 11.200	- / 12.000	- / -	- / 12.000	- / 12.000	- / 12.000	- / 12.000	- / 8.000	- / 92.208	- / 203.634
Non-Recurring												
BCP Kit Quantity	62 / 29.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	62 / 29.000

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Exhibit P-3A, Individual Modification: PB 2014 Army											Date: April 2013		
Appropriation / Budget Activity / Budget Sub Activity: 2032A: Missile Procurement, Army / BA 03: Modification of Missiles / BSA 10: Modifications				P-1 Line Item Nomenclature: C50700 - Patriot Mods							Modification Nomenclature (<i>Modification Number - Modification Title</i>): Various - PATRIOT MODS		
Models of Systems Affected: Various				Type Modification: Various					Related RDT&E PEs:				
Financial Plan	Prior Years	FY 2012	FY 2013	FY 2014 Base	FY 2014 OCO	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total	
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	
TCS Kit Quantity	17 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	17 / -	
<i>Subtotal Non-Recurring</i>	79 / 29.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	79 / 29.000	
<i>Total, BCP/TCS</i>	79 / 67.626	- / 5.600	- / 11.200	- / 12.000	- / -	- / 12.000	- / 12.000	- / 12.000	- / 12.000	- / 8.000	- / 92.208	79 / 232.634	
PATRIOT Modernization													
A Kits													
Recurring													
Kit Quantity	0 / 0.000	14 / 5.800	134 / 119.565	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	148 / 125.365	
Training	0 / 0.000	- / 5.965	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 5.965	
<i>Subtotal Recurring</i>	0 / 0.000	14 / 11.765	134 / 119.565	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	148 / 131.330	
<i>Total, PATRIOT Modernization</i>	0 / 0.000	14 / 11.765	134 / 119.565	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	148 / 131.330	
Combined Crypto Modification Phase I (CCMPI)													
A Kits													
Recurring													
Kit Quantity	0 / 0.000	- / -	- / -	48 / 8.846	- / -	48 / 8.846	49 / 9.043	31 / 5.709	22 / 4.045	- / -	- / -	150 / 27.643	
Kit Quantity (GFE)	0 / 0.000	- / -	- / -	54 / 2.026	- / -	54 / 2.026	49 / 1.847	27 / 0.980	20 / 0.741	- / -	- / -	150 / 5.594	
<i>Subtotal Recurring</i>	0 / 0.000	- / -	- / -	102 / 10.872	- / -	102 / 10.872	98 / 10.890	58 / 6.689	42 / 4.786	- / -	- / -	300 / 33.237	
Non-Recurring													
Training	0 / 0.000	- / -	- / -	- / 0.132	- / -	- / 0.132	- / 0.527	- / 0.528	- / 0.462	- / -	- / -	- / 1.649	
<i>Subtotal Non-Recurring</i>	0 / 0.000	- / -	- / -	- / 0.132	- / -	- / 0.132	- / 0.527	- / 0.528	- / 0.462	- / -	- / -	- / 1.649	
<i>Total, Combined Crypto Modification Phase I (CCMPI)</i>	0 / 0.000	- / -	- / -	102 / 11.004	- / -	102 / 11.004	98 / 11.417	58 / 7.217	42 / 5.248	- / -	- / -	300 / 34.886	
Radar Digital Processor (RDP)													
A Kits													
Recurring													
Kit Quantity	0 / 0.000	- / -	- / -	50 / 95.933	- / -	50 / 95.933	- / -	- / -	- / -	- / -	- / -	50 / 95.933	
Support Equipment	0 / 0.000	- / -	- / -	- / 10.467	- / -	- / 10.467	- / 17.900	- / 20.000	- / -	- / -	- / -	- / 48.367	
<i>Subtotal Recurring</i>	0 / 0.000	- / -	- / -	50 / 106.400	- / -	50 / 106.400	- / 17.900	- / 20.000	- / -	- / -	- / -	50 / 144.300	
Non-Recurring													
Training	0 / 0.000	- / -	- / -	- / 0.300	- / -	- / 0.300	- / 0.300	- / 0.300	- / 0.300	- / 0.300	- / -	- / 1.500	
<i>Subtotal Non-Recurring</i>	0 / 0.000	- / -	- / -	- / 0.300	- / -	- / 0.300	- / 0.300	- / 0.300	- / 0.300	- / 0.300	- / -	- / 1.500	
<i>Total, Radar Digital Processor (RDP)</i>	0 / 0.000	- / -	- / -	50 / 106.700	- / -	50 / 106.700	- / 18.200	- / 20.300	- / 0.300	- / 0.300	- / -	50 / 145.800	
Air Defense Artillery School Upgrades/ TADSS													

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Exhibit P-3A, Individual Modification: PB 2014 Army										Date: April 2013			
Appropriation / Budget Activity / Budget Sub Activity: 2032A: Missile Procurement, Army / BA 03: Modification of Missiles / BSA 10: Modifications					P-1 Line Item Nomenclature: C50700 - Patriot Mods					Modification Nomenclature (<i>Modification Number - Modification Title</i>): Various - PATRIOT MODS			
Models of Systems Affected: Various				Type Modification: Various				Related RDT&E PEs:					
Financial Plan	Prior Years	FY 2012	FY 2013	FY 2014 Base	FY 2014 OCO	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total	
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	
A Kits													
Recurring													
Kit Quantity	0 / 0.000	- / -	- / -	4 / 13.441	- / -	4 / 13.441	4 / 94.000	3 / 23.100	- / -	- / -	- / -	11 / 130.541	
Training Equipment	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 96.100	- / -	- / -	- / 96.100	
Subtotal Recurring	0 / 0.000	- / -	- / -	4 / 13.441	- / -	4 / 13.441	4 / 94.000	3 / 23.100	- / 96.100	- / -	- / -	11 / 226.641	
<i>Total, Air Defense Artillery School Upgrades/ TADSS</i>	<i>0 / 0.000</i>	<i>- / -</i>	<i>- / -</i>	<i>4 / 13.441</i>	<i>- / -</i>	<i>4 / 13.441</i>	<i>4 / 94.000</i>	<i>3 / 23.100</i>	<i>- / 96.100</i>	<i>- / -</i>	<i>- / -</i>	<i>11 / 226.641</i>	
Modern Manstation (MMS)													
A Kits													
Recurring													
Fielding	0 / 0.000	- / -	- / -	- / 1.642	- / -	- / 1.642	- / 3.905	- / 2.309	- / -	- / -	- / -	- / 7.856	
Subtotal Recurring	0 / 0.000	- / -	- / -	- / 1.642	- / -	- / 1.642	- / 3.905	- / 2.309	- / -	- / -	- / -	- / 7.856	
<i>Total, Modern Manstation (MMS)</i>	<i>0 / 0.000</i>	<i>- / -</i>	<i>- / -</i>	<i>- / 1.642</i>	<i>- / -</i>	<i>- / 1.642</i>	<i>- / 3.905</i>	<i>- / 2.309</i>	<i>- / -</i>	<i>- / -</i>	<i>- / -</i>	<i>- / 7.856</i>	
Enhanced Launcher Electronics System (ELES)													
A Kits													
Recurring													
Kit Quantity	0 / 0.000	- / -	- / -	10 / 33.601	- / -	10 / 33.601	- / -	30 / 100.000	4 / 16.049	48 / 160.000	37 / -	129 / 309.650	
Subtotal Recurring	0 / 0.000	- / -	- / -	10 / 33.601	- / -	10 / 33.601	- / -	30 / 100.000	4 / 16.049	48 / 160.000	37 / -	129 / 309.650	
<i>Total, Enhanced Launcher Electronics System (ELES)</i>	<i>0 / 0.000</i>	<i>- / -</i>	<i>- / -</i>	<i>10 / 33.601</i>	<i>- / -</i>	<i>10 / 33.601</i>	<i>- / -</i>	<i>30 / 100.000</i>	<i>4 / 16.049</i>	<i>48 / 160.000</i>	<i>37 / -</i>	<i>129 / 309.650</i>	
Radar on the Net Kit/Integration													
A Kits													
Recurring													
Kit Quantity	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	7 / 29.600	12 / 64.000	10 / 102.000	50 / -	79 / 195.600	
Subtotal Recurring	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	7 / 29.600	12 / 64.000	10 / 102.000	50 / -	79 / 195.600	
<i>Total, Radar on the Net Kit/Integration</i>	<i>0 / 0.000</i>	<i>- / -</i>	<i>- / -</i>	<i>- / -</i>	<i>- / -</i>	<i>- / -</i>	<i>- / -</i>	<i>7 / 29.600</i>	<i>12 / 64.000</i>	<i>10 / 102.000</i>	<i>50 / -</i>	<i>79 / 195.600</i>	
SNAP/TROPO													
A Kits													
Recurring													
Kit Quantity SNAP	0 / 0.000	- / -	- / -	2 / 0.300	- / -	2 / 0.300	- / -	5 / 2.100	- / -	- / -	- / -	7 / 2.400	
Support	0 / 0.000	- / -	- / -	- / 1.354	- / -	- / 1.354	- / -	- / -	- / -	- / -	- / -	- / 1.354	
Integrated Logistics Support	0 / 0.000	- / -	- / -	- / 1.000	- / -	- / 1.000	- / -	- / -	- / -	- / -	- / -	- / 1.000	
Spares	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / 3.100	- / -	- / -	- / -	- / 3.100	

UNCLASSIFIED

Exhibit P-3A, Individual Modification: PB 2014 Army		Date: April 2013
Appropriation / Budget Activity / Budget Sub Activity: 2032A: Missile Procurement, Army / BA 03: Modification of Missiles / BSA 10: Modifications	P-1 Line Item Nomenclature: C50700 - Patriot Mods	Modification Nomenclature (<i>Modification Number - Modification Title</i>): Various - PATRIOT MODS

Models of Systems Affected: Various	Type Modification: Various	Related RDT&E PEs:
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Financial Plan	Prior Years	FY 2012	FY 2013	FY 2014 Base	FY 2014 OCO	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)
<i>Subtotal Recurring</i>	0 / 0.000	- / -	- / -	2 / 2.654	- / -	2 / 2.654	- / -	5 / 5.200	- / -	- / -	- / -	7 / 7.854
Non-Recurring												
Kit Quantity TROPO	0 / 0.000	- / -	- / -	10 / 6.000	- / -	10 / 6.000	- / -	18 / 16.800	- / -	- / -	- / -	28 / 22.800
<i>Subtotal Non-Recurring</i>	0 / 0.000	- / -	- / -	10 / 6.000	- / -	10 / 6.000	- / -	18 / 16.800	- / -	- / -	- / -	28 / 22.800
<i>Total, SNAP/TROPO</i>	0 / 0.000	- / -	- / -	12 / 8.654	- / -	12 / 8.654	- / -	23 / 22.000	- / -	- / -	- / -	35 / 30.654
Total Procurement, All Modifications	6,318 / 863.149	15 / 64.365	243 / 195.009	265 / 251.564	- / -	265 / 251.564	193 / 204.331	213 / 286.006	159 / 265.797	161 / 345.375	7,397 / 513.395	14,964 / 2,988.991
Total Procurement and Support	863.149	64.365	195.009	251.564	-	251.564	204.331	286.006	265.797	345.375	513.395	2,988.991
RAM Mods Installation Cost	6,230 / 29.000	- / 3.400	27 / 3.556	103 / 3.478	- / -	103 / 3.478	88 / 3.423	90 / 3.630	92 / 3.700	100 / 3.903	7,383 / -	14,113 / 54.090
Recapitalization Installation Cost	8 / 254.213	1 / 0.900	1 / 1.000	1 / 1.000	- / -	1 / 1.000	1 / 1.000	1 / 1.100	1 / 1.200	1 / 1.300	5 / 4.000	20 / 265.713
BCP/TCS Installation Cost	79 / 1,324.130	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	79 / 1,324.130
PATRIOT Modernization Installation Cost	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
Combined Crypto Modification Phase I (CCMPI) Installation Cost	0 / 0.000	14 / -	- / -	12 / 0.396	- / -	12 / 0.396	48 / 1.583	48 / 1.583	42 / 3.552	- / -	- / -	164 / 7.114
Radar Digital Processor (RDP) Installation Cost	0 / 0.000	- / -	- / -	- / -	- / -	- / -	16 / 5.700	36 / 5.700	28 / 5.700	- / 5.700	- / -	80 / 22.800
Air Defense Artillery School Upgrades/ TADSS Installation Cost	0 / 0.000	- / -	- / -	- / -	- / -	- / -	2 / -	4 / -	4 / -	1 / -	- / -	11 / -
Modern Manstation (MMS) Installation Cost	0 / 0.000	- / -	- / -	36 / -	- / -	36 / -	68 / -	- / -	- / -	- / -	- / -	104 / -
Enhanced Launcher Electronics System (ELES) Installation Cost	0 / 0.000	- / -	- / -	- / -	- / -	- / -	5 / -	5 / -	8 / -	24 / -	87 / -	129 / -
Radar on the Net Kit/Integration Installation Cost	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	7 / -	72 / -	79 / -
SNAP/TROPO Installation Cost	0 / 0.000	- / -	- / -	- / -	- / -	- / -	12 / -	- / -	12 / -	11 / -	- / -	35 / -
Total Installation Cost	6,317 / 1,607.343	15 / 4.300	28 / 4.556	152 / 4.874	- / -	152 / 4.874	240 / 11.706	184 / 12.013	187 / 14.152	144 / 10.903	7,547 / 4.000	14,814 / 1,673.847
Total Cost (Procurement + Support + Installation)	2,470.492	68.665	199.565	256.438	-	256.438	216.037	298.019	279.949	356.278	517.395	4,662.838

UNCLASSIFIED

Exhibit P-3A, Individual Modification: PB 2014 Army		Date: April 2013
Appropriation / Budget Activity / Budget Sub Activity: 2032A: Missile Procurement, Army / BA 03: Modification of Missiles / BSA 10: Modifications	P-1 Line Item Nomenclature: C50700 - Patriot Mods	Modification Nomenclature (<i>Modification Number - Modification Title</i>): Various - PATRIOT MODS

Models of Systems Affected: Various	Type Modification: Various	Related RDT&E PEs:
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Manufacturer Information: RAM Mods

Manufacturer Name: Various	Manufacturer Location: Various
Administrative Leadtime (<i>in Months</i>): 3	Production Leadtime (<i>in Months</i>): 6

Dates	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018
Contract Dates	Dec 2011	Dec 2012	Dec 2013	Dec 2014	Dec 2015	Dec 2016	Dec 2017
Delivery Dates	Jun 2012	Jun 2013	Jun 2014	Jun 2015	Jun 2016	Jun 2017	Jul 2018

Installation: RAM Mods

Installation Cost	Method of Implementation: various										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
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (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	6,230 / 29.000	- / 3.400	- / 3.556	- / 3.478	- / -	- / 3.478	- / 3.423	- / 3.630	- / 3.700	- / 3.903	- / 0.000	6,230 / 54.090
FY 2012	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2013	0 / 0.000	- / -	27 / -	81 / -	- / -	81 / -	- / -	- / -	- / -	- / -	- / -	108 / -
FY 2014	0 / 0.000	- / -	- / -	22 / -	- / -	22 / -	64 / -	- / -	- / -	- / -	- / -	86 / -
FY 2015	0 / 0.000	- / -	- / -	- / -	- / -	- / -	24 / -	66 / -	- / -	- / -	- / -	90 / -
FY 2016	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	24 / -	67 / -	- / -	- / -	91 / -
FY 2017	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	25 / -	75 / -	- / -	100 / -
FY 2018	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	25 / -	77 / -	102 / -
To Complete	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	7,306 / -	7,306 / -
Total	6,230 / 29.000	- / 3.400	27 / 3.556	103 / 3.478	- / -	103 / 3.478	88 / 3.423	90 / 3.630	92 / 3.700	100 / 3.903	7,383 / -	14,113 / 54.090

Installation Schedule

	APY	FY 2012				FY 2013				FY 2014				FY 2015				FY 2016				FY 2017				FY 2018				TC	Tot
		1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4		
In	6,079	76	75	-	-	-	-	27	27	27	27	22	22	22	20	24	24	24	18	24	24	24	19	25	25	25	26	26	26	7,355	14,113
Out	6,004	77	76	75	-	-	-	-	27	27	27	27	22	22	22	20	24	24	24	18	24	24	24	19	25	25	25	26	26	7,379	14,113

UNCLASSIFIED

Exhibit P-3A, Individual Modification: PB 2014 Army		Date: April 2013
Appropriation / Budget Activity / Budget Sub Activity: 2032A: Missile Procurement, Army / BA 03: Modification of Missiles / BSA 10: Modifications	P-1 Line Item Nomenclature: C50700 - Patriot Mods	Modification Nomenclature (<i>Modification Number - Modification Title</i>): Various - PATRIOT MODS

Models of Systems Affected: Various	Type Modification: Various	Related RDT&E PEs:
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Manufacturer Information: Recapitalization

Manufacturer Name: Various	Manufacturer Location: Various
Administrative Leadtime (<i>in Months</i>): 6	Production Leadtime (<i>in Months</i>): 12

Dates	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018
Contract Dates	Apr 2012	Apr 2013	Apr 2014	Apr 2015	Apr 2016	Apr 2017	Apr 2018
Delivery Dates	Apr 2013	Apr 2014	Apr 2015	Apr 2016	Apr 2017	Apr 2018	Apr 2019

Installation: Recapitalization

Installation Cost	Method of Implementation: Various										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
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (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	8 / 254.213	1 / 0.900	- / 0.000	- / 0.000	- / -	- / 0.000	- / 0.000	- / 0.000	- / 0.000	- / 0.000	- / 0.000	9 / 255.113
FY 2012	0 / 0.000	- / -	1 / 1.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	1 / 1.000
FY 2013	0 / 0.000	- / -	- / -	1 / 1.000	- / -	1 / 1.000	- / -	- / -	- / -	- / -	- / -	1 / 1.000
FY 2014	0 / 0.000	- / -	- / -	- / -	- / -	- / -	1 / 1.000	- / -	- / -	- / -	- / -	1 / 1.000
FY 2015	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	1 / 1.100	- / -	- / -	- / -	1 / 1.100
FY 2016	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	1 / 1.200	- / -	- / -	1 / 1.200
FY 2017	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	1 / 1.300	- / -	1 / 1.300
FY 2018	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	1 / 1.000	1 / 1.000
To Complete	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	4 / 3.000	4 / 3.000
Total	8 / 254.213	1 / 0.900	1 / 1.000	1 / 1.000	- / -	1 / 1.000	1 / 1.000	1 / 1.100	1 / 1.200	1 / 1.300	5 / 4.000	20 / 265.713

Installation Schedule

	APY	FY 2012				FY 2013				FY 2014				FY 2015				FY 2016				FY 2017				FY 2018				TC	Tot				
		1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4						
In	9	-	-	1	-	-	-	-	1	-	-	-	1	-	-	-	1	-	-	-	1	-	-	-	1	-	-	-	1	-	-	-	1	4	20
Out	8	1	-	-	-	1	-	-	-	1	-	-	-	1	-	-	-	1	-	-	-	1	-	-	-	1	-	-	-	1	-	-	-	5	20

UNCLASSIFIED

Exhibit P-3A, Individual Modification: PB 2014 Army		Date: April 2013
Appropriation / Budget Activity / Budget Sub Activity: 2032A: Missile Procurement, Army / BA 03: Modification of Missiles / BSA 10: Modifications	P-1 Line Item Nomenclature: C50700 - Patriot Mods	Modification Nomenclature (<i>Modification Number - Modification Title</i>): Various - PATRIOT MODS

Models of Systems Affected: Various	Type Modification: Various	Related RDT&E PEs:
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Manufacturer Information: BCP/TCS	
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Manufacturer Name: various	Manufacturer Location: various
Administrative Leadtime (<i>in Months</i>):	Production Leadtime (<i>in Months</i>):

Dates	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018
Contract Dates	Oct 2011	Oct 2012	Oct 2013	Oct 2014	Oct 2015	Oct 2016	Oct 2017
Delivery Dates	Oct 2011	Oct 2012	Oct 2013	Oct 2014	Oct 2015	Oct 2016	Oct 2017

Installation: BCP/TCS	Method of Implementation: various	Installation Name:
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Installation Cost	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)
All Prior Years	79 / 1,324.130	- / 0.000	- / 0.000	- / 0.000	- / -	- / 0.000	- / 0.000	- / 0.000	- / 0.000	- / 0.000	- / 0.000	79 / 1,324.130
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	79 / 1,324.130	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	79 / 1,324.130

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

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Exhibit P-3A, Individual Modification: PB 2014 Army		Date: April 2013
Appropriation / Budget Activity / Budget Sub Activity: 2032A: Missile Procurement, Army / BA 03: Modification of Missiles / BSA 10: Modifications	P-1 Line Item Nomenclature: C50700 - Patriot Mods	Modification Nomenclature (<i>Modification Number - Modification Title</i>): Various - PATRIOT MODS

Models of Systems Affected: Various	Type Modification: Various	Related RDT&E PEs:
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Manufacturer Information: PATRIOT Modernization

Manufacturer Name: Raytheon	Manufacturer Location: Andover, MA
Administrative Leadtime (<i>in Months</i>): 3	Production Leadtime (<i>in Months</i>): 6

Dates	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018
Contract Dates	Dec 2011	Dec 2012					
Delivery Dates	Jun 2012	Jun 2013					

Installation: PATRIOT Modernization

Installation Cost	Method of Implementation: Various										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
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (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	- / 0.000	- / 0.000	- / 0.000	- / -	- / 0.000	- / 0.000	- / 0.000	- / 0.000	- / 0.000	- / 0.000	- / 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

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

UNCLASSIFIED

Exhibit P-3A, Individual Modification: PB 2014 Army		Date: April 2013
Appropriation / Budget Activity / Budget Sub Activity: 2032A: Missile Procurement, Army / BA 03: Modification of Missiles / BSA 10: Modifications	P-1 Line Item Nomenclature: C50700 - Patriot Mods	Modification Nomenclature (<i>Modification Number - Modification Title</i>): Various - PATRIOT MODS

Models of Systems Affected: Various	Type Modification: Various	Related RDT&E PEs:
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Manufacturer Information: Combined Crypto Modification Phase I (CCMPI)

Manufacturer Name: Raytheon	Manufacturer Location: Tewksbury, MA
Administrative Leadtime (<i>in Months</i>): 3	Production Leadtime (<i>in Months</i>): 6

Dates	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018
Contract Dates			Dec 2013	Dec 2014	Dec 2015	Dec 2016	
Delivery Dates			Jun 2014	Jun 2015	Jun 2016	Jun 2017	

Installation: Combined Crypto Modification Phase I (CCMPI)

Installation Cost	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)	Qty (Each) / Total Cost (\$ M)
	All Prior Years	0 / 0.000	- / 0.000	- / 0.000	- / 0.000	- / 0.000	- / -	- / 0.000	- / 0.000	- / 0.000	- / 0.000	- / 0.000	- / 0.000
FY 2012	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2013	0 / 0.000	14 / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	14 / -
FY 2014	0 / 0.000	- / -	- / -	12 / 0.396	- / -	12 / 0.396	36 / 1.187	- / -	- / -	- / -	- / -	- / -	48 / 1.583
FY 2015	0 / 0.000	- / -	- / -	- / -	- / -	- / -	12 / 0.396	37 / 1.220	- / -	- / -	- / -	- / -	49 / 1.616
FY 2016	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	11 / 0.363	20 / 1.743	- / -	- / -	- / -	31 / 2.106
FY 2017	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	22 / 1.809	- / -	- / -	- / -	22 / 1.809
FY 2018	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
To Complete	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
Total	0 / 0.000	14 / -	- / -	12 / 0.396	- / -	12 / 0.396	48 / 1.583	48 / 1.583	42 / 3.552	- / -	- / -	- / -	164 / 7.114

Installation Schedule

	APY	FY 2012				FY 2013				FY 2014				FY 2015				FY 2016				FY 2017				FY 2018				TC	Tot
		1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4		
In	-	-	-	-	-	-	-	-	-	-	-	12	12	12	12	14	14	13	12	8	8	8	7	8	8	8	8	-	-	-	164
Out	-	-	-	-	-	-	-	-	-	-	-	-	12	12	12	12	14	14	13	12	8	8	8	7	8	8	8	8	-	-	164

UNCLASSIFIED

Exhibit P-3A, Individual Modification: PB 2014 Army		Date: April 2013
Appropriation / Budget Activity / Budget Sub Activity: 2032A: Missile Procurement, Army / BA 03: Modification of Missiles / BSA 10: Modifications	P-1 Line Item Nomenclature: C50700 - Patriot Mods	Modification Nomenclature (<i>Modification Number - Modification Title</i>): Various - PATRIOT MODS

Models of Systems Affected: Various	Type Modification: Various	Related RDT&E PEs:
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Manufacturer Information: Radar Digital Processor (RDP)

Manufacturer Name: Raytheon	Manufacturer Location: Andover, MA
Administrative Leadtime (<i>in Months</i>): 8	Production Leadtime (<i>in Months</i>): 18

Dates	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018
Contract Dates		Apr 2013	Apr 2014				
Delivery Dates		Sep 2014	Sep 2015				

Installation: Radar Digital Processor (RDP)

Installation Cost	Method of Implementation: Various											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	
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (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	- / 0.000	- / 0.000	- / 0.000	- / -	- / 0.000	- / 0.000	- / 0.000	- / 0.000	- / 0.000	- / 0.000	- / 0.000	
FY 2012	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	
FY 2013	0 / 0.000	- / -	- / -	- / -	- / -	- / -	16 / 5.700	14 / 2.850	- / -	- / -	- / -	30 / 8.550	
FY 2014	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	22 / 2.850	28 / 5.700	- / 5.700	- / -	50 / 14.250	
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	- / -	- / -	- / -	- / -	- / -	16 / 5.700	36 / 5.700	28 / 5.700	- / 5.700	- / -	80 / 22.800	

Installation Schedule

	APY	FY 2012				FY 2013				FY 2014				FY 2015				FY 2016				FY 2017				FY 2018				TC	Tot	
		1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4			
In	-	-	-	-	-	-	-	-	-	-	-	-	2	6	6	6	6	6	6	6	6	6	6	6	6	6	-	-	-	-	80	
Out	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	6	6	6	6	6	6	6	6	6	6	6	6	20	80

UNCLASSIFIED

Exhibit P-3A, Individual Modification: PB 2014 Army		Date: April 2013
Appropriation / Budget Activity / Budget Sub Activity: 2032A: Missile Procurement, Army / BA 03: Modification of Missiles / BSA 10: Modifications	P-1 Line Item Nomenclature: C50700 - Patriot Mods	Modification Nomenclature (<i>Modification Number - Modification Title</i>): Various - PATRIOT MODS

Models of Systems Affected: Various	Type Modification: Various	Related RDT&E PEs:
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Manufacturer Information: Air Defense Artillery School Upgrades/ TADSS

Manufacturer Name: Various	Manufacturer Location: Various
Administrative Leadtime (<i>in Months</i>): 6	Production Leadtime (<i>in Months</i>): 18

Dates	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018
Contract Dates			Dec 2013	Dec 2014	Dec 2015		
Delivery Dates			Jun 2015	Jun 2016	Jun 2017		

Installation: Air Defense Artillery School Upgrades/ TADSS **Method of Implementation:** various **Installation Name:**

Installation Cost	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)
All Prior Years	0 / 0.000	- / 0.000	- / 0.000	- / 0.000	- / -	- / 0.000	- / 0.000	- / 0.000	- / 0.000	- / 0.000	- / 0.000	- / 0.000
FY 2012	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2013	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2014	0 / 0.000	- / -	- / -	- / -	- / -	- / -	2 / -	2 / -	- / -	- / -	- / -	4 / -
FY 2015	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	2 / -	2 / -	- / -	- / -	4 / -
FY 2016	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	2 / -	1 / -	- / -	3 / -
FY 2017	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2018	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
To Complete	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
Total	0 / 0.000	- / -	- / -	- / -	- / -	- / -	2 / -	4 / -	4 / -	1 / -	- / -	11 / -

Installation Schedule

	APY	FY 2012				FY 2013				FY 2014				FY 2015				FY 2016				FY 2017				FY 2018				TC	Tot	
		1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4			
In	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	1	1	-	2	1	1	-	2	1	-	-	-	-	-	-	11
Out	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	1	1	-	2	1	1	-	2	1	-	-	-	-	-	11	

UNCLASSIFIED

Exhibit P-3A, Individual Modification: PB 2014 Army		Date: April 2013
Appropriation / Budget Activity / Budget Sub Activity: 2032A: Missile Procurement, Army / BA 03: Modification of Missiles / BSA 10: Modifications	P-1 Line Item Nomenclature: C50700 - Patriot Mods	Modification Nomenclature (<i>Modification Number - Modification Title</i>): Various - PATRIOT MODS

Models of Systems Affected: Various	Type Modification: Various	Related RDT&E PEs:
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Manufacturer Information: Modern Manstation (MMS)

Manufacturer Name: Raytheon	Manufacturer Location: Andover, MA
Administrative Leadtime (<i>in Months</i>): 6	Production Leadtime (<i>in Months</i>): 11

Dates	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018
Contract Dates		Apr 2013					
Delivery Dates		Mar 2014					

Installation: Modern Manstation (MMS)

Installation Cost	Method of Implementation: Various										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
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (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	- / 0.000	- / 0.000	- / 0.000	- / -	- / 0.000	- / 0.000	- / 0.000	- / 0.000	- / 0.000	- / 0.000	- / 0.000
FY 2012	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2013	0 / 0.000	- / -	- / -	36 / -	- / -	36 / -	68 / -	- / -	- / -	- / -	- / -	104 / -
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	- / -	- / -	36 / -	- / -	36 / -	68 / -	- / -	- / -	- / -	- / -	104 / -

Installation Schedule

	APY	FY 2012				FY 2013				FY 2014				FY 2015				FY 2016				FY 2017				FY 2018				TC	Tot				
		1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4						
In	-	-	-	-	-	-	-	-	-	-	-	18	18	18	18	18	14	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	104
Out	-	-	-	-	-	-	-	-	-	-	-	-	-	9	9	9	9	9	9	9	9	9	9	5	-	-	-	-	-	-	-	-	-	-	104

UNCLASSIFIED

Exhibit P-3A, Individual Modification: PB 2014 Army		Date: April 2013
Appropriation / Budget Activity / Budget Sub Activity: 2032A: Missile Procurement, Army / BA 03: Modification of Missiles / BSA 10: Modifications	P-1 Line Item Nomenclature: C50700 - Patriot Mods	Modification Nomenclature (<i>Modification Number - Modification Title</i>): Various - PATRIOT MODS

Models of Systems Affected: Various	Type Modification: Various	Related RDT&E PEs:
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Manufacturer Information: Enhanced Launcher Electronics System (ELES)

Manufacturer Name: Various	Manufacturer Location: Various
Administrative Leadtime (<i>in Months</i>): 6	Production Leadtime (<i>in Months</i>): 18

Dates	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018
Contract Dates			Dec 2013		Dec 2015	Dec 2016	Dec 2017
Delivery Dates			Jun 2015		Jun 2017	Jun 2018	Jun 2019

Installation: Enhanced Launcher Electronics System (ELES)

Installation Cost	Method of Implementation: Various											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	
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (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	- / 0.000	- / 0.000	- / 0.000	- / -	- / 0.000	- / 0.000	- / 0.000	- / 0.000	- / 0.000	- / 0.000	- / 0.000	
FY 2012	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	
FY 2013	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	
FY 2014	0 / 0.000	- / -	- / -	- / -	- / -	- / -	5 / -	5 / -	- / -	- / -	- / -	10 / -	
FY 2015	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	
FY 2016	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	8 / -	22 / -	- / -	30 / -	
FY 2017	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	2 / -	2 / -	4 / -	
FY 2018	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	48 / -	48 / -	
To Complete	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	37 / -	37 / -	
Total	0 / 0.000	- / -	- / -	- / -	- / -	- / -	5 / -	5 / -	8 / -	24 / -	87 / -	129 / -	

Installation Schedule

	APY	FY 2012				FY 2013				FY 2014				FY 2015				FY 2016				FY 2017				FY 2018				TC	Tot
		1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4		
In	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	4	4	4	2	-	-	-	-	8	8	7	7	2	2	81	129
Out	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	4	4	4	2	-	-	-	-	8	8	7	7	2	83	129	

UNCLASSIFIED

Exhibit P-3A, Individual Modification: PB 2014 Army		Date: April 2013
Appropriation / Budget Activity / Budget Sub Activity: 2032A: Missile Procurement, Army / BA 03: Modification of Missiles / BSA 10: Modifications	P-1 Line Item Nomenclature: C50700 - Patriot Mods	Modification Nomenclature (<i>Modification Number - Modification Title</i>): Various - PATRIOT MODS

Models of Systems Affected: Various	Type Modification: Various	Related RDT&E PEs:
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Manufacturer Information: Radar on the Net Kit/Integration

Manufacturer Name: Various	Manufacturer Location: Various
Administrative Leadtime (<i>in Months</i>): 6	Production Leadtime (<i>in Months</i>): 24

Dates	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018
Contract Dates					Mar 2016	Mar 2017	Mar 2018
Delivery Dates					Mar 2018	Mar 2019	Mar 2020

Installation: Radar on the Net Kit/Integration

Installation Cost	Method of Implementation: Various											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	
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (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	- / 0.000	- / 0.000	- / 0.000	- / -	- / 0.000	- / 0.000	- / 0.000	- / 0.000	- / 0.000	- / 0.000	- / 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	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	7 / -	- / -	7 / -	
FY 2017	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	12 / -	12 / -	
FY 2018	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	10 / -	10 / -	
To Complete	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	50 / -	50 / -	
Total	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	7 / -	72 / -	79 / -	

Installation Schedule

	APY	FY 2012				FY 2013				FY 2014				FY 2015				FY 2016				FY 2017				FY 2018				TC	Tot
		1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4		
In	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3	2	1	73	79	
Out	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3	2	74	79	

UNCLASSIFIED

Exhibit P-3A, Individual Modification: PB 2014 Army		Date: April 2013
Appropriation / Budget Activity / Budget Sub Activity: 2032A: Missile Procurement, Army / BA 03: Modification of Missiles / BSA 10: Modifications	P-1 Line Item Nomenclature: C50700 - Patriot Mods	Modification Nomenclature (<i>Modification Number - Modification Title</i>): Various - PATRIOT MODS

Models of Systems Affected: Various	Type Modification: Various	Related RDT&E PEs:
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Manufacturer Information: SNAP/TROPO

Manufacturer Name: TCS	Manufacturer Location: Tampa, FL
Administrative Leadtime (<i>in Months</i>):	Production Leadtime (<i>in Months</i>): 9

Dates	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018
Contract Dates			Oct 2013		Oct 2015		
Delivery Dates			Jun 2014		Jun 2016		

Installation: SNAP/TROPO

Method of Implementation: Depot, PM, contractor team

Installation Name:

Installation Cost	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)
All Prior Years	0 / 0.000	- / 0.000	- / 0.000	- / 0.000	- / -	- / 0.000	- / 0.000	- / 0.000	- / 0.000	- / 0.000	- / 0.000	- / 0.000
FY 2012	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2013	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2014	0 / 0.000	- / -	- / -	- / -	- / -	- / -	12 / -	- / -	- / -	- / -	- / -	12 / -
FY 2015	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2016	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2017	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	12 / -	- / -	- / -	12 / -
FY 2018	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	11 / -	- / -	11 / -
To Complete	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
Total	0 / 0.000	- / -	- / -	- / -	- / -	- / -	12 / -	- / -	12 / -	11 / -	- / -	35 / -

Installation Schedule

	APY	FY 2012				FY 2013				FY 2014				FY 2015				FY 2016				FY 2017				FY 2018				TC	Tot
		1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4		
In	-	-	-	-	-	-	-	-	-	-	-	-	-	2	4	3	3	-	-	-	-	3	5	4	-	2	5	4	-	-	35
Out	-	-	-	-	-	-	-	-	-	-	-	-	-	2	4	3	3	-	-	-	-	3	5	4	-	2	5	4	-	-	35

UNCLASSIFIED

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

Appropriation / Budget Activity / Budget Sub Activity:
2032A: Missile Procurement, Army / BA 03: Modification of Missiles / BSA 10: Modifications

P-1 Line Item Nomenclature:
C20000 - Stinger Mods

ID Code (A=Service Ready, B=Not Service Ready) : **Program Elements for Code B Items:** **Other Related Program Elements:** 0203801A

MDAP/MAIS Code(s):

Resource Summary	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
Procurement Quantity (Units in Each)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost (\$ in Millions)	164.388	-	-	37.252	-	37.252	1.370	-	-	-	-	203.010
Less PY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (\$ in Millions)	164.388	-	-	37.252	-	37.252	1.370	-	-	-	-	203.010
Plus CY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (\$ in Millions)	164.388	-	-	37.252	-	37.252	1.370	-	-	-	-	203.010

(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)	-	-	-	-	-	-	-	-	-	-	-	-

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

^{##} The FY 2014 OCO Request will be submitted at a later date

Description:

The Stinger Block I missile is an advanced, fire-and-forget, short-range, man-portable, air defense weapon system. It provides low-altitude defense for ground forces against attack or aerial observation by low-flying Unmanned Aerial System (UAS), Cruise Missile (CM), Rotary Wing (RW), and high-performance Fixed-Wing (FW) threats. Stinger employs an infrared (heat seeking)/ultraviolet seeker to guide to the target. Stinger Block I has extensive infrared counter-countermeasure capabilities and can engage targets from any aspect to include head-on. The missile utilizes a high-explosive, hit-to-kill warhead. Stinger can be fired from the shoulder or from a variety of platforms to include vehicles, helicopters and UAS. The missile is delivered as a certified round and requires no field testing or maintenance.

This effort funds the procurement and installation of the newly developed Proximity Fuze (Prox Fuze) into the Stinger Block I missile. The Proximity Fuze will improve system effectiveness against the evolving UAS threat. Unmanned Aerial System Defense (UAS-D) is a requirement of the Operational Requirements Document (ORD) for the Stinger Guided Missile System.

The U.S. Army Stinger inventory is currently projected to fall below the FY12-17 Total Army Munitions Requirement (TAMR), dated 26 MAR 2010, of 3,000 missiles by the end of 2015. The incorporation of Stinger Proximity Fuze with a Shelf Life Extension Program (SLEP) will provide like-new Stinger Block I missiles with a 10-year shelf life by replacing items susceptible to degradation due to aging.

Item Schedule		Prior Years			FY 2012			FY 2013			FY 2014 Base			FY 2014 OCO			FY 2014 Total			
Item Nomenclature*	Exhibits	ID CD	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)
TBD - Stinger Proximity Fuze	P3A		-	-	-	-	-	-	-	-	-	-	-	37.252	-	-	-	-	-	37.252

UNCLASSIFIED

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

Appropriation / Budget Activity / Budget Sub Activity: 2032A: Missile Procurement, Army / BA 03: Modification of Missiles / BSA 10: Modifications	P-1 Line Item Nomenclature: C20000 - Stinger Mods
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ID Code (A=Service Ready, B=Not Service Ready) :	Program Elements for Code B Items:	Other Related Program Elements: 0203801A
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MDAP/MAIS Code(s):

Item Schedule		ID CD	Prior Years			FY 2012			FY 2013			FY 2014 Base			FY 2014 OCO			FY 2014 Total				
Item Nomenclature*	Exhibits		Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)		
Total Gross/Weapon System Cost							164.388			-			-			37.252			-			37.252
Item Schedule		ID CD	FY 2015			FY 2016			FY 2017			FY 2018			To Complete			Total				
Item Nomenclature*	Exhibits		Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)		
TBD - Stinger Proximity Fuze	P3A		-	-	1.370	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	38.622
Total Gross/Weapon System Cost							1.370			-			-			-						203.010

*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:
 FY14 Base Procurement dollars in the amount of \$37.252 million supports the procurement and installation of 850 Proximity Fuzes into the Stinger Block I Missile.

IAW Section 1815 of the FY08 National Defense Authorization Act (NDAA) 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: 2032A: Missile Procurement, Army / BA 03: Modification of Missiles / BSA 10: Modifications	P-1 Line Item Nomenclature: C20000 - Stinger Mods	Modification Nomenclature (<i>Modification Number - Modification Title</i>): TBD - Stinger Proximity Fuze

Models of Systems Affected: FIM-92E Stinger Block I Missile	Type Modification: TBD	Related RDT&E PEs:
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Resource Summary	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
Procurement Quantity (<i>Units in Each</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost (<i>\$ in Millions</i>)	-	-	-	37.252	-	37.252	1.370	-	-	-	-	38.622
Less PY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (<i>\$ in Millions</i>)	-	-	-	37.252	-	37.252	1.370	-	-	-	-	38.622
Plus CY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (<i>\$ in Millions</i>)	-	-	-	37.252	-	37.252	1.370	-	-	-	-	38.622

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

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

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

^{##} The FY 2014 OCO Request will be submitted at a later date

Description:

The Stinger Block I missile is an advanced, fire-and-forget, short-range, man-portable, air defense weapon system. It provides low-altitude defense for ground forces against attack or aerial observation by low-flying Unmanned Aerial System (UAS), Cruise Missile (CM), Rotary Wing (RW), and high-performance Fixed-Wing (FW) threats. Stinger employs an infrared (heat seeking)/ultraviolet seeker to guide to the target. Stinger Block I has extensive infrared counter-countermeasure capabilities and can engage targets from any aspect to include head-on. The missile utilizes a high-explosive, hit-to-kill warhead. Stinger can be fired from the shoulder or from a variety of platforms to include vehicles and helicopters. The missile is delivered as a certified round and requires no field testing or maintenance.

This effort funds the procurement and installation of the newly developed Proximity Fuze (Prox Fuze) into the Stinger Block I missile. The Proximity Fuze will improve system effectiveness against the evolving UAS threat. Unmanned Aerial System Defense (UAS-D) is a requirement of the Operational Requirements Document (ORD) for the Stinger Guided Missile System.

The U.S. Army Stinger inventory is currently projected to fall below the FY12-17 Total Army Munitions Requirement (TAMR), dated 26 MAR 2010, of 3,000 missiles by the end of 2015. The incorporation of Stinger Proximity Fuze with a Shelf Life Extension Program (SLEP) will provide like-new Stinger Block I missiles with a 10-year shelf life by replacing items susceptible to degradation due to aging.

Development Status/Major Development Milestones

Date	Title	Description
Dec 2013	Stinger Proximity Fuze Contract Award	Award of contract for Stinger Block I integration with Proximity Fuze.

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Exhibit P-3A, Individual Modification: PB 2014 Army		Date: April 2013
Appropriation / Budget Activity / Budget Sub Activity: 2032A: Missile Procurement, Army / BA 03: Modification of Missiles / BSA 10: Modifications	P-1 Line Item Nomenclature: C20000 - Stinger Mods	Modification Nomenclature (<i>Modification Number - Modification Title</i>): TBD - Stinger Proximity Fuze

Models of Systems Affected: FIM-92E Stinger Block I Missile	Type Modification: TBD	Related RDT&E PEs:
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Financial Plan	Prior Years	FY 2012	FY 2013	FY 2014 Base	FY 2014 OCO	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)
Procurement												
Stinger Proximity Fuze												
A Kits												
Recurring												
Hardware	0 / 0.000	- / -	- / -	850 / 30.342	- / -	850 / 30.342	- / -	- / -	- / -	- / -	- / -	850 / 30.342
Engineering Services	0 / 0.000	- / -	- / -	- / 0.762	- / -	- / 0.762	- / -	- / -	- / -	- / -	- / -	- / 0.762
Govt PM/Admin Support	0 / 0.000	- / -	- / -	- / 1.651	- / -	- / 1.651	- / -	- / -	- / -	- / -	- / -	- / 1.651
Other Flyaway Support	0 / 0.000	- / -	- / -	- / 4.497	- / -	- / 4.497	- / -	- / -	- / -	- / -	- / -	- / 4.497
Subtotal Recurring	0 / 0.000	- / -	- / -	850 / 37.252	- / -	850 / 37.252	- / -	- / -	- / -	- / -	- / -	850 / 37.252
Total, Stinger Proximity Fuze	0 / 0.000	- / -	- / -	850 / 37.252	- / -	850 / 37.252	- / -	- / -	- / -	- / -	- / -	850 / 37.252
Total Procurement, All Modifications	0 / 0.000	- / -	- / -	850 / 37.252	- / -	850 / 37.252	- / -	- / -	- / -	- / -	- / -	850 / 37.252
Total Procurement and Support	0.000	-	-	37.252	-	37.252	-	-	-	-	-	37.252
Stinger Proximity Fuze Installation Cost	0 / 0.000	- / -	- / -	- / -	- / -	- / -	850 / 1.370	- / -	- / -	- / -	- / -	850 / 1.370
Total Installation Cost	0 / 0.000	- / -	- / -	- / -	- / -	- / -	850 / 1.370	- / -	- / -	- / -	- / -	850 / 1.370
Total Cost (Procurement + Support + Installation)	0.000	-	-	37.252	-	37.252	1.370	-	-	-	-	38.622

UNCLASSIFIED

Exhibit P-3A, Individual Modification: PB 2014 Army		Date: April 2013
Appropriation / Budget Activity / Budget Sub Activity: 2032A: Missile Procurement, Army / BA 03: Modification of Missiles / BSA 10: Modifications	P-1 Line Item Nomenclature: C20000 - Stinger Mods	Modification Nomenclature (<i>Modification Number - Modification Title</i>): TBD - Stinger Proximity Fuze

Models of Systems Affected: FIM-92E Stinger Block I Missile	Type Modification: TBD	Related RDT&E PEs:
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Manufacturer Information: Stinger Proximity Fuze	
Manufacturer Name: Picatinny Arsenal	Manufacturer Location: Picatinny Arsenal, New Jersey
Administrative Leadtime (<i>in Months</i>): 3	Production Leadtime (<i>in Months</i>): 18

Dates	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018
Contract Dates			Dec 2013				
Delivery Dates			Apr 2015				

Installation: Stinger Proximity Fuze	Method of Implementation: Depot Upgrade	Installation Name:
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Installation Cost	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)
All Prior Years	0 / 0.000	- / 0.000	- / 0.000	- / 0.000	- / -	- / 0.000	- / 0.000	- / 0.000	- / 0.000	- / 0.000	- / 0.000	- / 0.000
FY 2012	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2013	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2014	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2015	0 / 0.000	- / -	- / -	- / -	- / -	- / -	850 / 1.370	- / -	- / -	- / -	- / -	850 / 1.370
FY 2016	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2017	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2018	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
To Complete	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
Total	0 / 0.000	- / -	- / -	- / -	- / -	- / -	850 / 1.370	- / -	- / -	- / -	- / -	850 / 1.370

Installation Schedule

	APY	FY 2012				FY 2013				FY 2014				FY 2015				FY 2016				FY 2017				FY 2018				TC	Tot
		1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4		
In	-	-	-	-	-	-	-	-	-	-	-	425	425	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	850
Out	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	425	425	-	-	-	-	-	-	-	-	-	-	-	-	-	850

UNCLASSIFIED

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

Appropriation / Budget Activity / Budget Sub Activity:
2032A: Missile Procurement, Army / BA 03: Modification of Missiles / BSA 10: Modifications

P-1 Line Item Nomenclature:
C61700 - ITAS/TOW Mods

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

MDAP/MAIS Code(s):

Resource Summary	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
Procurement Quantity (Units in Each)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost (\$ in Millions)	1,054.339	13.577	-	20.000	-	20.000	20.000	20.000	1.000	-	-	1,128.916
Less PY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (\$ in Millions)	1,054.339	13.577	-	20.000	-	20.000	20.000	20.000	1.000	-	-	1,128.916
Plus CY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (\$ in Millions)	1,054.339	13.577	-	20.000	-	20.000	20.000	20.000	1.000	-	-	1,128.916

(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)	-	-	-	-	-	-	-	-	-	-	-	-

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

^{##} The FY 2014 OCO Request will be submitted at a later date

Description:

The Improved Target Acquisition System (ITAS) with Far Target Location (FTL) is a combat proven system that provides long-range, lethal anti-armor and precision assault fires capability for Active Component and Army National Guard Infantry Brigade Combat Teams (IBCT) and Stryker Brigade Combat Teams (SBCT) across the spectrum of contemporary operational environments. ITAS with the TOW Missile provides the capability to defeat armored vehicles, bunkers, and buildings at extended ranges in all battlefield conditions. ITAS's superior surveillance capability also enables the soldier to shape the battlefield by detecting targets at long range and either engaging with TOW missiles or other weapon systems to destroy those targets with its ability to generate a 10 digit grid coordinate of a target location. The ITAS completed fielding to the total Army in December 2012. The ITAS Image Enhancement (IE) Modification Kit reduces operator workload by optimizing the image presented to the gunner through electronic processing. Electronic focus, image stabilization, and other processing techniques ensure that the image presented is optimized for the environment without manual manipulation of the various adjustment settings. This reduces the operations required by the gunner to achieve a consistent high quality image, reduces the time required to identify and engage targets on the battlefield, ITAS continues to be the weapon of choice in precision combat engagements in Operation Enduring Freedom (OEF).

Secondary Distribution		FY 2012	FY 2013	FY 2014 Base	FY 2014 OCO	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018
Army	Quantity	-	-	-	-	-	-	-	-	-
	Total Obligation Authority	13.577	-	13.370	-	13.370	-	6.017	-	-
ANG	Quantity	-	-	-	-	-	-	-	-	-
	Total Obligation Authority	-	-	6.630	-	6.630	20.000	13.537	-	-

UNCLASSIFIED

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

Appropriation / Budget Activity / Budget Sub Activity:
2032A: Missile Procurement, Army / BA 03: Modification of Missiles / BSA 10: Modifications

P-1 Line Item Nomenclature:
C61700 - ITAS/TOW Mods

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

MDAP/MAIS Code(s):

	Secondary Distribution	FY 2012	FY 2013	FY 2014 Base	FY 2014 OCO	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018
AR	Quantity	-	-	-	-	-	-	-	-	-
	Total Obligation Authority	-	-	-	-	-	-	0.446	-	-

Item Schedule		Prior Years			FY 2012			FY 2013			FY 2014 Base			FY 2014 OCO			FY 2014 Total			
Item Nomenclature*	Exhibits	ID CD	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)
NA - NA	P3A		-	-	1,054.339	-	-	13.577	-	-	-	-	-	20.000	-	-	-	-	-	20.000
Total Gross/Weapon System Cost					1,054.339			13.577			-			20.000			-			20.000

Item Schedule		FY 2015			FY 2016			FY 2017			FY 2018			To Complete			Total			
Item Nomenclature*	Exhibits	ID CD	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)
NA - NA	P3A		-	-	20.000	-	-	20.000	-	-	1.000	-	-	-	-	-	-	-	-	1,128.916
Total Gross/Weapon System Cost					20.000			20.000			1.000			-			-			1,128.916

*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:
FY2014 Base Procurement dollars in the amount of \$20.000 million supports 359 ITAS Image Enhancement modification kits as well as Government and contractor program management support, fielding, and installation of these systems.

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

UNCLASSIFIED

Exhibit P-3A, Individual Modification: PB 2014 Army		Date: April 2013
Appropriation / Budget Activity / Budget Sub Activity: 2032A: Missile Procurement, Army / BA 03: Modification of Missiles / BSA 10: Modifications	P-1 Line Item Nomenclature: C61700 - ITAS/TOW Mods	Modification Nomenclature (<i>Modification Number - Modification Title</i>): NA - NA

Models of Systems Affected: NA			Type Modification: NA				Related RDT&E PEs:					
Resource Summary	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
Procurement Quantity (<i>Units in Each</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost (<i>\$ in Millions</i>)	1,054.339	13.577	-	20.000	-	20.000	20.000	20.000	1.000	-	-	1,128.916
Less PY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (<i>\$ in Millions</i>)	1,054.339	13.577	-	20.000	-	20.000	20.000	20.000	1.000	-	-	1,128.916
Plus CY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (<i>\$ in Millions</i>)	1,054.339	13.577	-	20.000	-	20.000	20.000	20.000	1.000	-	-	1,128.916

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

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

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

^{##} The FY 2014 OCO Request will be submitted at a later date

Description:

Modification Description / Justification:

The Improved Target Acquisition System (ITAS) is a combat proven system that provides long-range, lethal anti-armor and precision assault fires capability for Active Component and Army National Guard Infantry Brigade Combat Teams (IBCT) and Stryker Brigade Combat Teams (SBCT) across the spectrum of contemporary operational environments. ITAS is a replacement for the Light Infantry's TOW 2 weapon system, and it provides the capability to defeat armored vehicles, bunkers, and buildings at extended ranges in all battlefield conditions. Far Target Locator (cut into production in FY 2006) adds a GPS based position and attitude determination subsystem to ITAS, enabling the system to generate a 10 digit grid coordinate of a target location. ITAS is integrated into the Stryker Anti-Tank Guided Missile (ATGM) vehicle of the SBCT anti-tank company. ITAS's superior surveillance capability also enables the soldier to shape the battlefield by detecting targets at long range and either engaging with TOW missiles or other weapon systems to destroy those targets. ITAS has replaced all M220 Ground TOW Systems in the United States Army, United States Marine Corps (USMC), and reserve units. ITAS has been sold to FMS customers. Canada and Portugal have purchased ITAS for their forces. ITAS continues to be the weapon of choice in precision combat engagements in Operation Enduring Freedom (OEF).

UNCLASSIFIED

Exhibit P-3A, Individual Modification: PB 2014 Army		Date: April 2013
Appropriation / Budget Activity / Budget Sub Activity: 2032A: Missile Procurement, Army / BA 03: Modification of Missiles / BSA 10: Modifications	P-1 Line Item Nomenclature: C61700 - ITAS/TOW Mods	Modification Nomenclature (<i>Modification Number - Modification Title</i>): NA - NA

Models of Systems Affected: NA	Type Modification: NA	Related RDT&E PEs:
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Financial Plan	Prior Years	FY 2012	FY 2013	FY 2014 Base	FY 2014 OCO	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)
Procurement												
ITAS (IMPROVED TARGET ACQUISITION SYSTEM)												
A Kits												
Recurring												
Kit Quantity	1,552 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	1,552 / -
Equipment	0 / 840.478	- / -	- / -	- / 17.718	- / -	- / 17.718	- / 15.478	- / 14.133	- / -	- / -	- / -	- / 887.807
Fielding	0 / 40.917	- / 8.016	- / -	- / -	- / -	- / -	- / 1.631	- / 2.248	- / 0.673	- / -	- / -	- / 53.485
Project Management	0 / 65.901	- / 5.452	- / -	- / 2.282	- / -	- / 2.282	- / 2.891	- / 3.619	- / 0.327	- / -	- / -	- / 80.472
Data	0 / 1.803	- / 0.109	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 1.912
Subtotal Recurring	1,552 / 949.099	- / 13.577	- / -	- / 20.000	- / -	- / 20.000	- / 20.000	- / 20.000	- / 1.000	- / -	- / -	1,552 / 1,023.676
Non-Recurring												
Training Equipment	0 / 53.536	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 53.536
Production Line Restart	0 / 3.700	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 3.700
Initial Spares	0 / 48.004	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 48.004
Subtotal Non-Recurring	0 / 105.240	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 105.240
Total, ITAS (IMPROVED TARGET ACQUISITION SYSTEM)	1,552 / 1,054.339	- / 13.577	- / -	- / 20.000	- / -	- / 20.000	- / 20.000	- / 20.000	- / 1.000	- / -	- / -	1,552 / 1,128.916
Total Procurement, All Modifications	1,552 / 1,054.339	- / 13.577	- / -	- / 20.000	- / -	- / 20.000	- / 20.000	- / 20.000	- / 1.000	- / -	- / -	1,552 / 1,128.916
Total Procurement and Support	1,054.339	13.577	-	20.000	-	20.000	20.000	20.000	1.000	-	-	1,128.916
ITAS (IMPROVED TARGET ACQUISITION SYSTEM) Installation Cost	1,552 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	1,552 / -
Total Installation Cost	1,552 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	1,552 / -
Total Cost (Procurement + Support + Installation)	1,054.339	13.577	-	20.000	-	20.000	20.000	20.000	1.000	-	-	1,128.916

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Exhibit P-3A, Individual Modification: PB 2014 Army		Date: April 2013
Appropriation / Budget Activity / Budget Sub Activity: 2032A: Missile Procurement, Army / BA 03: Modification of Missiles / BSA 10: Modifications	P-1 Line Item Nomenclature: C61700 - ITAS/TOW Mods	Modification Nomenclature (<i>Modification Number - Modification Title</i>): NA - NA

Models of Systems Affected: NA	Type Modification: NA	Related RDT&E PEs:
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Manufacturer Information: ITAS (IMPROVED TARGET ACQUISITION SYSTEM)

Manufacturer Name: Raytheon Network Centric Systems Company	Manufacturer Location: McKinney, TX
Administrative Leadtime (<i>in Months</i>): 4	Production Leadtime (<i>in Months</i>): 23

Dates	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018
Contract Dates							
Delivery Dates							

Installation: ITAS (IMPROVED TARGET ACQUISITION SYSTEM) Method of Implementation: N/A Installation Name:

Installation Cost	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)
All Prior Years	1,552 / 0.000	- / 0.000	- / 0.000	- / 0.000	- / -	- / 0.000	- / 0.000	- / 0.000	- / 0.000	- / 0.000	- / 0.000	1,552 / 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	1,552 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	1,552 / -

Installation Schedule

	APY	FY 2012				FY 2013				FY 2014				FY 2015				FY 2016				FY 2017				FY 2018				TC	Tot
		1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4		
In	1,552	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1,552
Out	1,552	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1,552

UNCLASSIFIED

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

Appropriation / Budget Activity / Budget Sub Activity: 2032A: Missile Procurement, Army / BA 03: Modification of Missiles / BSA 10: Modifications	P-1 Line Item Nomenclature: C67500 - MLRS Mods
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ID Code (A=Service Ready, B=Not Service Ready) :	Program Elements for Code B Items:	Other Related Program Elements:
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MDAP/MAIS Code(s):

Resource Summary	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
Procurement Quantity (<i>Units in Each</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost (<i>\$ in Millions</i>)	375.233	8.236	2.466	11.571	-	11.571	49.494	49.500	48.389	49.200	Continuing	Continuing
Less PY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (<i>\$ in Millions</i>)	375.233	8.236	2.466	11.571	-	11.571	49.494	49.500	48.389	49.200	Continuing	Continuing
Plus CY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (<i>\$ in Millions</i>)	375.233	8.236	2.466	11.571	-	11.571	49.494	49.500	48.389	49.200	Continuing	Continuing

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

Initial Spares (<i>\$ in Millions</i>)	698.911	1.031	1.064	1.083	-	1.083	1.087	1.076	1.095	1.108	Continuing	Continuing
Flyaway Unit Cost (<i>Units in Thousands</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost (<i>Units in Thousands</i>)	-	-	-	-	-	-	-	-	-	-	-	-

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

^{##} The FY 2014 OCO Request will be submitted at a later date

Description:

The Multiple Launch Rocket and Missile System (MLRS) is a full spectrum, combat proven, all weather, 24/7 lethal and responsive, Precision Strike weapon system that is organic/assigned to Fires Brigades supporting Brigade Combat Teams. The MLRS launcher provides critical missile precision strike, operational shaping fires, counterfire, and close support destructive and suppressive fires. The launcher is complemented by the MLRS Family of Munitions (MFOM) to include the Guided Multiple Launch Rocket System (GMLRS), and the Army Tactical Missile System (ATACMS) Family of Munitions (AFOM), capable of engaging targets up to a range of 300 kilometers.

Secondary Distribution		FY 2012	FY 2013	FY 2014 Base	FY 2014 OCO	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018
Army	Quantity	-	-	-	-	-	-	-	-	-
	Total Obligation Authority	8.236	2.434	9.256	-	9.256	34.700	48.652	48.389	25.000
ANG	Quantity	-	-	-	-	-	-	-	-	-
	Total Obligation Authority	-	0.032	2.315	-	2.315	14.794	0.848	-	24.200

UNCLASSIFIED

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

Appropriation / Budget Activity / Budget Sub Activity:
2032A: Missile Procurement, Army / BA 03: Modification of Missiles / BSA 10: Modifications

P-1 Line Item Nomenclature:
C67500 - MLRS Mods

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		ID CD	Prior Years			FY 2012			FY 2013			FY 2014 Base			FY 2014 OCO			FY 2014 Total		
Item Nomenclature*	Exhibits		Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)
000 - Multiple Launch Rocket System (MLRS) Modifications	P3A		-	-	375.233	-	-	8.236	-	-	2.466	-	-	11.571	-	-	-	-	-	11.571
Total Gross/Weapon System Cost					375.233			8.236			2.466			11.571			-			11.571

Item Schedule		ID CD	FY 2015			FY 2016			FY 2017			FY 2018			To Complete			Total		
Item Nomenclature*	Exhibits		Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)
000 - Multiple Launch Rocket System (MLRS) Modifications	P3A		-	-	49.494	-	-	49.500	-	-	48.389	-	-	49.200	Continuing			Continuing		
Total Gross/Weapon System Cost					49.494			49.500			48.389			49.200	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:
FY14 Base procurement dollars in the amount of \$11.571 million procure and install Enhanced Command and Control (C2), M993A1 Carrier Upgrades, Obsolescence Mitigation/Engineering Change Proposal Integration to include measures for other hardware and software required in support of launcher upgrades. FY14 funds also provide procurement and installation of increased crew protection with the Improved Armored Cab.

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

UNCLASSIFIED

Exhibit P-3A, Individual Modification: PB 2014 Army		Date: April 2013
Appropriation / Budget Activity / Budget Sub Activity: 2032A: Missile Procurement, Army / BA 03: Modification of Missiles / BSA 10: Modifications	P-1 Line Item Nomenclature: C67500 - MLRS Mods	Modification Nomenclature (<i>Modification Number - Modification Title</i>): 000 - Multiple Launch Rocket System (MLRS) Modifications

Models of Systems Affected: M270A1			Type Modification: .				Related RDT&E PEs:					
Resource Summary	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
Procurement Quantity (<i>Units in Each</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost (<i>\$ in Millions</i>)	375.233	8.236	2.466	11.571	-	11.571	49.494	49.500	48.389	49.200	Continuing	Continuing
Less PY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (<i>\$ in Millions</i>)	375.233	8.236	2.466	11.571	-	11.571	49.494	49.500	48.389	49.200	Continuing	Continuing
Plus CY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (<i>\$ in Millions</i>)	375.233	8.236	2.466	11.571	-	11.571	49.494	49.500	48.389	49.200	Continuing	Continuing

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

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

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

^{##} The FY 2014 OCO Request will be submitted at a later date

Description:

Modifications of the MLRS System

UNCLASSIFIED

Exhibit P-3A, Individual Modification: PB 2014 Army		Date: April 2013
Appropriation / Budget Activity / Budget Sub Activity: 2032A: Missile Procurement, Army / BA 03: Modification of Missiles / BSA 10: Modifications	P-1 Line Item Nomenclature: C67500 - MLRS Mods	Modification Nomenclature (<i>Modification Number - Modification Title</i>): 000 - Multiple Launch Rocket System (MLRS) Modifications

Models of Systems Affected: M270A1	Type Modification: .	Related RDT&E PEs:
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Financial Plan	Prior Years	FY 2012	FY 2013	FY 2014 Base	FY 2014 OCO	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)
Procurement												
Inactive Mods												
A Kits												
Recurring												
Kit Quantity	0 / 291.700	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 291.700
Subtotal Recurring	0 / 291.700	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 291.700
Total, Inactive Mods	0 / 291.700	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 291.700
M993A1												
A Kits												
Recurring												
Kit Quantity	0 / 4.233	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 4.233
Installation Kits	0 / 0.300	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 0.300
Subtotal Recurring	0 / 4.533	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 4.533
Total, M993A1	0 / 4.533	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 4.533
Global Positioning System (GPS) Upgrades												
A Kits												
Recurring												
Installation Kits	0 / 0.230	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 0.230
Subtotal Recurring	0 / 0.230	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 0.230
Total, Global Positioning System (GPS) Upgrades	0 / 0.230	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 0.230
Obsolescence Mitigations/ECP Reliability Intg												
A Kits												
Recurring												
Equipment	0 / 33.770	- / 5.350	- / 1.602	- / 3.711	- / -	- / 3.711	- / 3.327	- / 3.424	- / 4.142	- / 4.531	- / -	- / 59.857
Subtotal Recurring	0 / 33.770	- / 5.350	- / 1.602	- / 3.711	- / -	- / 3.711	- / 3.327	- / 3.424	- / 4.142	- / 4.531	- / -	- / 59.857
Total, Obsolescence Mitigations/ECP Reliability Intg	0 / 33.770	- / 5.350	- / 1.602	- / 3.711	- / -	- / 3.711	- / 3.327	- / 3.424	- / 4.142	- / 4.531	- / -	- / 59.857
Auxiliary Power Unit/Environmental Control Unit												
A Kits												
Recurring												
Installation Kits	0 / 1.800	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 1.800

UNCLASSIFIED

Exhibit P-3A, Individual Modification: PB 2014 Army		Date: April 2013
Appropriation / Budget Activity / Budget Sub Activity: 2032A: Missile Procurement, Army / BA 03: Modification of Missiles / BSA 10: Modifications	P-1 Line Item Nomenclature: C67500 - MLRS Mods	Modification Nomenclature (<i>Modification Number - Modification Title</i>): 000 - Multiple Launch Rocket System (MLRS) Modifications

Models of Systems Affected: M270A1	Type Modification: .	Related RDT&E PEs:
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Financial Plan	Prior Years	FY 2012	FY 2013	FY 2014 Base	FY 2014 OCO	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)
Equipment	0 / 9.500	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 9.500
Other	0 / 1.200	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 1.200
Subtotal Recurring	0 / 12.500	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 12.500
<i>Total, Auxiliary Power Unit/Environmental Control Unit</i>	<i>0 / 12.500</i>	<i>- / -</i>	<i>- / -</i>	<i>- / -</i>	<i>- / -</i>	<i>- / -</i>	<i>- / -</i>	<i>- / -</i>	<i>- / -</i>	<i>- / -</i>	<i>- / -</i>	<i>- / 12.500</i>
Enhanced Command and Control (C2)												
A Kits												
Recurring												
Equipment	201 / 17.100	24 / 2.294	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	225 / 19.394
Subtotal Recurring	201 / 17.100	24 / 2.294	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	225 / 19.394
<i>Total, Enhanced Command and Control (C2)</i>	<i>201 / 17.100</i>	<i>24 / 2.294</i>	<i>- / -</i>	<i>- / -</i>	<i>- / -</i>	<i>- / -</i>	<i>- / -</i>	<i>- / -</i>	<i>- / -</i>	<i>- / -</i>	<i>- / -</i>	<i>225 / 19.394</i>
Improved Armored Cab (IAC)												
A Kits												
Recurring												
Equipment	0 / 0.000	- / -	- / -	16 / 7.716	- / -	16 / 7.716	33 / 16.800	42 / 16.619	42 / 15.597	45 / 17.349	47 / 17.679	225 / 91.760
Subtotal Recurring	0 / 0.000	- / -	- / -	16 / 7.716	- / -	16 / 7.716	33 / 16.800	42 / 16.619	42 / 15.597	45 / 17.349	47 / 17.679	225 / 91.760
<i>Total, Improved Armored Cab (IAC)</i>	<i>0 / 0.000</i>	<i>- / -</i>	<i>- / -</i>	<i>16 / 7.716</i>	<i>- / -</i>	<i>16 / 7.716</i>	<i>33 / 16.800</i>	<i>42 / 16.619</i>	<i>42 / 15.597</i>	<i>45 / 17.349</i>	<i>47 / 17.679</i>	<i>225 / 91.760</i>
Fire Control System (FCS) Upgrade												
A Kits												
Recurring												
Equipment	0 / 0.000	- / -	- / -	- / -	- / -	- / -	10 / 28.884	11 / 28.102	9 / 26.956	13 / 25.668	31 / 69.609	74 / 179.219
Subtotal Recurring	0 / 0.000	- / -	- / -	- / -	- / -	- / -	10 / 28.884	11 / 28.102	9 / 26.956	13 / 25.668	31 / 69.609	74 / 179.219
<i>Total, Fire Control System (FCS) Upgrade</i>	<i>0 / 0.000</i>	<i>- / -</i>	<i>- / -</i>	<i>- / -</i>	<i>- / -</i>	<i>- / -</i>	<i>10 / 28.884</i>	<i>11 / 28.102</i>	<i>9 / 26.956</i>	<i>13 / 25.668</i>	<i>31 / 69.609</i>	<i>74 / 179.219</i>
Drivers Vision Enhancements(DVE)												
A Kits												
Recurring												
Equipment	225 / 6.800	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	225 / 6.800
Subtotal Recurring	225 / 6.800	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	225 / 6.800
<i>Total, Drivers Vision Enhancements(DVE)</i>	<i>225 / 6.800</i>	<i>- / -</i>	<i>- / -</i>	<i>- / -</i>	<i>- / -</i>	<i>- / -</i>	<i>- / -</i>	<i>- / -</i>	<i>- / -</i>	<i>- / -</i>	<i>- / -</i>	<i>225 / 6.800</i>
Total Procurement, All Modifications	426 / 366.633	24 / 7.644	- / 1.602	16 / 11.427	- / -	16 / 11.427	43 / 49.011	53 / 48.145	51 / 46.695	58 / 47.548	78 / 87.288	749 / 665.993
Total Procurement and Support	366.633	7.644	1.602	11.427	-	11.427	49.011	48.145	46.695	47.548	87.288	665.993

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Exhibit P-3A, Individual Modification: PB 2014 Army		Date: April 2013
Appropriation / Budget Activity / Budget Sub Activity: 2032A: Missile Procurement, Army / BA 03: Modification of Missiles / BSA 10: Modifications	P-1 Line Item Nomenclature: C67500 - MLRS Mods	Modification Nomenclature (<i>Modification Number - Modification Title</i>): 000 - Multiple Launch Rocket System (MLRS) Modifications

Models of Systems Affected: M270A1	Type Modification: .	Related RDT&E PEs:
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Financial Plan	Prior Years	FY 2012	FY 2013	FY 2014 Base	FY 2014 OCO	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)
Inactive Mods Installation Cost	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
M993A1 Installation Cost	0 / 2.800	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 2.800
Global Positioning System (GPS) Upgrades Installation Cost	0 / 0.200	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 0.200
Obsolescence Mitigations/ECP Reliability Intg Installation Cost	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
Auxiliary Power Unit/Environmental Control Unit Installation Cost	0 / 3.100	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 3.100
Enhanced Command and Control (C2) Installation Cost	125 / 2.000	37 / 0.592	54 / 0.864	9 / 0.144	- / -	9 / 0.144	- / -	- / -	- / -	- / -	- / -	225 / 3.600
Improved Armored Cab (IAC) Installation Cost	0 / 0.000	- / -	- / -	- / -	- / -	- / -	16 / 0.483	33 / 1.014	42 / 1.312	42 / 1.334	92 / 2.768	225 / 6.911
Fire Control System (FCS) Upgrade Installation Cost	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	10 / 0.341	11 / 0.382	9 / 0.318	44 / 0.832	74 / 1.873
Drivers Vision Enhancements(DVE) Installation Cost	225 / 0.500	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	225 / 0.500
Total Installation Cost	350 / 8.600	37 / 0.592	54 / 0.864	9 / 0.144	- / -	9 / 0.144	16 / 0.483	43 / 1.355	53 / 1.694	51 / 1.652	136 / 3.600	749 / 18.984
Total Cost (Procurement + Support + Installation)	375.233	8.236	2.466	11.571	-	11.571	49.494	49.500	48.389	49.200	90.888	684.977

UNCLASSIFIED

Exhibit P-3A, Individual Modification: PB 2014 Army		Date: April 2013
Appropriation / Budget Activity / Budget Sub Activity: 2032A: Missile Procurement, Army / BA 03: Modification of Missiles / BSA 10: Modifications	P-1 Line Item Nomenclature: C67500 - MLRS Mods	Modification Nomenclature (<i>Modification Number - Modification Title</i>): 000 - Multiple Launch Rocket System (MLRS) Modifications

Models of Systems Affected: M270A1	Type Modification: .	Related RDT&E PEs:
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Manufacturer Information: Inactive Mods

Manufacturer Name: TBD	Manufacturer Location: TBD
Administrative Leadtime (<i>in Months</i>):	Production Leadtime (<i>in Months</i>):

Dates	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018
Contract Dates							
Delivery Dates							

Installation: Inactive Mods **Method of Implementation:** TBD **Installation Name:**

Installation Cost	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)
All Prior Years	0 / 0.000	- / 0.000	- / 0.000	- / 0.000	- / -	- / 0.000	- / 0.000	- / 0.000	- / 0.000	- / 0.000	- / 0.000	- / 0.000
FY 2012	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2013	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2014	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2015	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2016	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2017	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2018	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
To Complete	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
Total	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -

Installation Schedule

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

UNCLASSIFIED

Exhibit P-3A, Individual Modification: PB 2014 Army		Date: April 2013
Appropriation / Budget Activity / Budget Sub Activity: 2032A: Missile Procurement, Army / BA 03: Modification of Missiles / BSA 10: Modifications	P-1 Line Item Nomenclature: C67500 - MLRS Mods	Modification Nomenclature (<i>Modification Number - Modification Title</i>): 000 - Multiple Launch Rocket System (MLRS) Modifications

Models of Systems Affected: M270A1	Type Modification: .	Related RDT&E PEs:
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Manufacturer Information: M993A1							
Manufacturer Name: TBD	Manufacturer Location: TBD						
Administrative Leadtime (<i>in Months</i>): 3	Production Leadtime (<i>in Months</i>): 6						
Dates	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018
Contract Dates							
Delivery Dates							

Installation: M993A1	Method of Implementation: TBD	Installation Name:
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	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)
All Prior Years	0 / 2.600	- / 0.000	- / 0.000	- / 0.000	- / -	- / 0.000	- / 0.000	- / 0.000	- / 0.000	- / 0.000	- / 0.000	- / 2.600
FY 2012	0 / 0.200	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 0.200
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 / 2.800	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 2.800

Installation Schedule																															
	APY	FY 2012				FY 2013				FY 2014				FY 2015				FY 2016				FY 2017				FY 2018				TC	Tot
		1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4		
In	225	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	225
Out	225	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	225

UNCLASSIFIED

Exhibit P-3A, Individual Modification: PB 2014 Army		Date: April 2013
Appropriation / Budget Activity / Budget Sub Activity: 2032A: Missile Procurement, Army / BA 03: Modification of Missiles / BSA 10: Modifications	P-1 Line Item Nomenclature: C67500 - MLRS Mods	Modification Nomenclature (<i>Modification Number - Modification Title</i>): 000 - Multiple Launch Rocket System (MLRS) Modifications

Models of Systems Affected: M270A1	Type Modification: .	Related RDT&E PEs:
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Manufacturer Information: Global Positioning System (GPS) Upgrades

Manufacturer Name: TBD	Manufacturer Location: TBD
Administrative Leadtime (<i>in Months</i>):	Production Leadtime (<i>in Months</i>):

Dates	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018
Contract Dates							
Delivery Dates							

Installation: Global Positioning System (GPS) Upgrades

Method of Implementation: TBD			Installation Name:									
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Installation Cost	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)
All Prior Years	0 / 0.200	- / 0.000	- / 0.000	- / 0.000	- / -	- / 0.000	- / 0.000	- / 0.000	- / 0.000	- / 0.000	- / 0.000	- / 0.200
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 / 0.200	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 0.200

Installation Schedule

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

UNCLASSIFIED

Exhibit P-3A, Individual Modification: PB 2014 Army		Date: April 2013
Appropriation / Budget Activity / Budget Sub Activity: 2032A: Missile Procurement, Army / BA 03: Modification of Missiles / BSA 10: Modifications	P-1 Line Item Nomenclature: C67500 - MLRS Mods	Modification Nomenclature (<i>Modification Number - Modification Title</i>): 000 - Multiple Launch Rocket System (MLRS) Modifications

Models of Systems Affected: M270A1	Type Modification: .	Related RDT&E PEs:
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Manufacturer Information: Obsolescence Mitigations/ECP Reliability Intg

Manufacturer Name: TBD	Manufacturer Location: TBD
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Administrative Leadtime (<i>in Months</i>):	Production Leadtime (<i>in Months</i>):
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Dates	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018
Contract Dates							
Delivery Dates							

Installation: Obsolescence Mitigations/ECP Reliability Intg **Method of Implementation:** TBD **Installation Name:**

Installation Cost	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)
All Prior Years	0 / 0.000	- / 0.000	- / 0.000	- / 0.000	- / -	- / 0.000	- / 0.000	- / 0.000	- / 0.000	- / 0.000	- / 0.000	- / 0.000
FY 2012	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2013	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2014	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2015	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2016	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2017	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2018	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
To Complete	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
Total	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -

Installation Schedule

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

UNCLASSIFIED

Exhibit P-3A, Individual Modification: PB 2014 Army		Date: April 2013
Appropriation / Budget Activity / Budget Sub Activity: 2032A: Missile Procurement, Army / BA 03: Modification of Missiles / BSA 10: Modifications	P-1 Line Item Nomenclature: C67500 - MLRS Mods	Modification Nomenclature (<i>Modification Number - Modification Title</i>): 000 - Multiple Launch Rocket System (MLRS) Modifications

Models of Systems Affected: M270A1	Type Modification: .	Related RDT&E PEs:
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Manufacturer Information: Auxiliary Power Unit/Environmental Control Unit

Manufacturer Name: TBD	Manufacturer Location: TBD
Administrative Leadtime (<i>in Months</i>): 3	Production Leadtime (<i>in Months</i>): 13

Dates	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018
Contract Dates							
Delivery Dates							

Installation: Auxiliary Power Unit/Environmental Control Unit **Method of Implementation:** TBD **Installation Name:**

Installation Cost	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)
All Prior Years	0 / 3.100	- / 0.000	- / 0.000	- / 0.000	- / -	- / 0.000	- / 0.000	- / 0.000	- / 0.000	- / 0.000	- / 0.000	- / 3.100
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 / 3.100	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 3.100

Installation Schedule

	APY	FY 2012				FY 2013				FY 2014				FY 2015				FY 2016				FY 2017				FY 2018				TC	Tot
		1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4		
In	225	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	225
Out	225	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	225

UNCLASSIFIED

Exhibit P-3A, Individual Modification: PB 2014 Army		Date: April 2013
Appropriation / Budget Activity / Budget Sub Activity: 2032A: Missile Procurement, Army / BA 03: Modification of Missiles / BSA 10: Modifications	P-1 Line Item Nomenclature: C67500 - MLRS Mods	Modification Nomenclature (<i>Modification Number - Modification Title</i>): 000 - Multiple Launch Rocket System (MLRS) Modifications

Models of Systems Affected: M270A1	Type Modification: .	Related RDT&E PEs:
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Manufacturer Information: Enhanced Command and Control (C2)

Manufacturer Name: TBD	Manufacturer Location: TBD
Administrative Leadtime (<i>in Months</i>): 3	Production Leadtime (<i>in Months</i>): 9

Dates	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018
Contract Dates	Jan 2011	Jan 2012	Jan 2013				
Delivery Dates	Oct 2011	Oct 2012	Oct 2013				

Installation: Enhanced Command and Control (C2) **Method of Implementation:** TBD **Installation Name:**

Installation Cost	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)
All Prior Years	125 / 2.000	37 / 0.592	- / 0.000	- / 0.000	- / -	- / 0.000	- / 0.000	- / 0.000	- / 0.000	- / 0.000	- / 0.000	162 / 2.592
FY 2012	0 / 0.000	- / -	54 / 0.864	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	54 / 0.864
FY 2013	0 / 0.000	- / -	- / -	9 / 0.144	- / -	9 / 0.144	- / -	- / -	- / -	- / -	- / -	9 / 0.144
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	125 / 2.000	37 / 0.592	54 / 0.864	9 / 0.144	- / -	9 / 0.144	- / -	- / -	- / -	- / -	- / -	225 / 3.600

Installation Schedule

	APY	FY 2012				FY 2013				FY 2014				FY 2015				FY 2016				FY 2017				FY 2018				TC	Tot	
		1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4			
In	125	9	9	9	10	13	13	14	14	9	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	225
Out	125	-	-	19	18	-	19	19	16	-	9	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	225

UNCLASSIFIED

Exhibit P-3A, Individual Modification: PB 2014 Army		Date: April 2013
Appropriation / Budget Activity / Budget Sub Activity: 2032A: Missile Procurement, Army / BA 03: Modification of Missiles / BSA 10: Modifications	P-1 Line Item Nomenclature: C67500 - MLRS Mods	Modification Nomenclature (<i>Modification Number - Modification Title</i>): 000 - Multiple Launch Rocket System (MLRS) Modifications

Models of Systems Affected: M270A1	Type Modification: .	Related RDT&E PEs:
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Manufacturer Information: Improved Armored Cab (IAC)	
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Manufacturer Name: TBD	Manufacturer Location: TBD
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Administrative Leadtime (<i>in Months</i>): 3	Production Leadtime (<i>in Months</i>): 9
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Dates	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018
Contract Dates				Jan 2014	Jan 2015	Jan 2016	Jan 2017
Delivery Dates				Oct 2014	Oct 2015	Oct 2016	Oct 2016

Installation: Improved Armored Cab (IAC)	Method of Implementation: TBD	Installation Name:
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Installation Cost	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)
All Prior Years	0 / 0.000	- / 0.000	- / 0.000	- / 0.000	- / -	- / 0.000	- / 0.000	- / 0.000	- / 0.000	- / 0.000	- / 0.000	- / 0.000
FY 2012	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2013	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2014	0 / 0.000	- / -	- / -	- / -	- / -	- / -	16 / 0.483	- / -	- / -	- / -	- / -	16 / 0.483
FY 2015	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	33 / 1.014	- / -	- / -	- / -	33 / 1.014
FY 2016	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	42 / 1.312	- / -	- / -	42 / 1.312
FY 2017	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	42 / 1.334	- / -	42 / 1.334
FY 2018	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	45 / 1.454	45 / 1.454
To Complete	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	47 / 1.314	47 / 1.314
Total	0 / 0.000	- / -	- / -	- / -	- / -	- / -	16 / 0.483	33 / 1.014	42 / 1.312	42 / 1.334	92 / 2.768	225 / 6.911

Installation Schedule																											
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	APY	FY 2012				FY 2013				FY 2014				FY 2015				FY 2016				FY 2017				FY 2018				TC	Tot
		1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4		
In	-	-	-	-	-	-	-	-	-	-	-	-	-	4	4	4	4	8	8	8	9	10	10	11	11	10	10	11	11	92	225
Out	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	16	-	-	19	14	-	19	-	23	-	19	-	23	92	225

UNCLASSIFIED

Exhibit P-3A, Individual Modification: PB 2014 Army		Date: April 2013
Appropriation / Budget Activity / Budget Sub Activity: 2032A: Missile Procurement, Army / BA 03: Modification of Missiles / BSA 10: Modifications	P-1 Line Item Nomenclature: C67500 - MLRS Mods	Modification Nomenclature (<i>Modification Number - Modification Title</i>): 000 - Multiple Launch Rocket System (MLRS) Modifications

Models of Systems Affected: M270A1	Type Modification: .	Related RDT&E PEs:
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Manufacturer Information: Fire Control System (FCS) Upgrade

Manufacturer Name: TBD	Manufacturer Location: TBD
Administrative Leadtime (<i>in Months</i>): 3	Production Leadtime (<i>in Months</i>): 9

Dates	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018
Contract Dates					Jan 2015	Jan 2016	Jan 2017
Delivery Dates					Oct 2015	Oct 2016	Oct 2017

Installation: Fire Control System (FCS) Upgrade

Method of Implementation: TBD **Installation Name:**

Installation Cost	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)
All Prior Years	0 / 0.000	- / 0.000	- / 0.000	- / 0.000	- / -	- / 0.000	- / 0.000	- / 0.000	- / 0.000	- / 0.000	- / 0.000	- / 0.000
FY 2012	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2013	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2014	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2015	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	10 / 0.341	- / -	- / -	- / -	10 / 0.341
FY 2016	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	11 / 0.382	- / -	- / -	11 / 0.382
FY 2017	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	9 / 0.318	- / -	9 / 0.318
FY 2018	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	13 / 0.467	13 / 0.467
To Complete	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	31 / 0.365	31 / 0.365
Total	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	10 / 0.341	11 / 0.382	9 / 0.318	44 / 0.832	74 / 1.873

Installation Schedule

	APY	FY 2012				FY 2013				FY 2014				FY 2015				FY 2016				FY 2017				FY 2018				TC	Tot
		1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4		
In	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	2	3	3	2	3	3	3	2	2	2	3	44	74
Out	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	10	-	-	-	11	-	-	-	9	44	74	

UNCLASSIFIED

Exhibit P-3A, Individual Modification: PB 2014 Army		Date: April 2013
Appropriation / Budget Activity / Budget Sub Activity: 2032A: Missile Procurement, Army / BA 03: Modification of Missiles / BSA 10: Modifications	P-1 Line Item Nomenclature: C67500 - MLRS Mods	Modification Nomenclature (<i>Modification Number - Modification Title</i>): 000 - Multiple Launch Rocket System (MLRS) Modifications

Models of Systems Affected: M270A1	Type Modification: .	Related RDT&E PEs:
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Manufacturer Information: Drivers Vision Enhancements(DVE)

Manufacturer Name: TBD	Manufacturer Location: TBD
Administrative Leadtime (<i>in Months</i>): 3	Production Leadtime (<i>in Months</i>): 9

Dates	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018
Contract Dates	Jan 2010						
Delivery Dates	Oct 2010						

Installation: Drivers Vision Enhancements(DVE) **Method of Implementation:** TBD **Installation Name:**

Installation Cost	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)
All Prior Years	225 / 0.500	- / 0.000	- / 0.000	- / 0.000	- / -	- / 0.000	- / 0.000	- / 0.000	- / 0.000	- / 0.000	- / 0.000	225 / 0.500
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	225 / 0.500	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	225 / 0.500

Installation Schedule

	APY	FY 2012				FY 2013				FY 2014				FY 2015				FY 2016				FY 2017				FY 2018				TC	Tot
		1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4		
In	225	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	225
Out	225	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	225

UNCLASSIFIED

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

Appropriation / Budget Activity / Budget Sub Activity: 2032A: Missile Procurement, Army / BA 03: Modification of Missiles / BSA 10: Modifications	P-1 Line Item Nomenclature: C67501 - HIMARS Modifications
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ID Code (A=Service Ready, B=Not Service Ready) :	Program Elements for Code B Items:	Other Related Program Elements: 0210600A, 0603778A, 0210602A
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MDAP/MAIS Code(s):

Resource Summary	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
Procurement Quantity (<i>Units in Each</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost (<i>\$ in Millions</i>)	190.940	11.670	6.068	6.105	-	6.105	6.073	6.318	6.335	6.411	Continuing	Continuing
Less PY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (<i>\$ in Millions</i>)	190.940	11.670	6.068	6.105	-	6.105	6.073	6.318	6.335	6.411	Continuing	Continuing
Plus CY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (<i>\$ in Millions</i>)	190.940	11.670	6.068	6.105	-	6.105	6.073	6.318	6.335	6.411	Continuing	Continuing

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

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

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

^{##} The FY 2014 OCO Request will be submitted at a later date

Description:

The M142 High Mobility Artillery Rocket System (HIMARS) is a C-130 Transportable launcher mounted on a Family of Medium Tactical Vehicles (FMTV) chassis. The HIMARS is capable of firing either six Multiple Rocket Launcher System (MLRS) Family of Munitions (MFOM) rockets or one Army Tactical Missile System (ATACMS) Family of Munitions (AFOM) missile to a range of 300 kilometers. Modification kits will be procured for the HIMARS Launcher and associated training and ground support equipment. These modifications are vital to the Forces and will provide an increase in crew protection via an Increased Crew Protection (ICP) cab, enhance command and control, decrease Operations and Support costs, reduce logistical impacts, resolve safety issues, and mitigate obsolescence.

Secondary Distribution		FY 2012	FY 2013	FY 2014 Base	FY 2014 OCO	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018
Army	Quantity	-	-	-	-	-	-	-	-	-
	Total Obligation Authority	6.050	3.576	3.663	-	3.663	3.637	3.738	3.748	3.792
ANG	Quantity	-	-	-	-	-	-	-	-	-
	Total Obligation Authority	5.620	2.492	2.442	-	2.442	2.436	2.580	2.587	2.619

UNCLASSIFIED

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

Appropriation / Budget Activity / Budget Sub Activity:
2032A: Missile Procurement, Army / BA 03: Modification of Missiles / BSA 10: Modifications

P-1 Line Item Nomenclature:
C67501 - HIMARS Modifications

ID Code (A=Service Ready, B=Not Service Ready) : **Program Elements for Code B Items:** **Other Related Program Elements:** 0210600A, 0603778A, 0210602A

MDAP/MAIS Code(s):

Item Schedule		ID CD	Prior Years			FY 2012			FY 2013			FY 2014 Base			FY 2014 OCO			FY 2014 Total		
Item Nomenclature*	Exhibits		Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)
0000 - HIMARS Modifications	P3A		-	-	190.940	-	-	11.670	-	-	6.068	-	-	6.105	-	-	-	-	-	6.105
Total Gross/Weapon System Cost					190.940			11.670			6.068			6.105			-			6.105

Item Schedule		ID CD	FY 2015			FY 2016			FY 2017			FY 2018			To Complete			Total		
Item Nomenclature*	Exhibits		Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)
0000 - HIMARS Modifications	P3A		-	-	6.073	-	-	6.318	-	-	6.335	-	-	6.411	Continuing			Continuing		
Total Gross/Weapon System Cost					6.073			6.318			6.335			6.411	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 \$6.105 million procures and installs Enhanced Command and Control (C2), XM1140A1 Chassis Upgrades, Obsolescence Mitigation/Engineering Change Proposal Integration to include measures for other hardware and software required in support of launcher upgrades such as transparent armor protection and suspension improvements.

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

UNCLASSIFIED

Exhibit P-3A, Individual Modification: PB 2014 Army							Date: April 2013					
Appropriation / Budget Activity / Budget Sub Activity: 2032A: Missile Procurement, Army / BA 03: Modification of Missiles / BSA 10: Modifications				P-1 Line Item Nomenclature: C67501 - HIMARS Modifications				Modification Nomenclature (<i>Modification Number - Modification Title</i>): 0000 - HIMARS Modifications				

Models of Systems Affected: M142 High Mobility Artillery Rocket System			Type Modification: Operational, Reliability, Safety, Crew Survivability					Related RDT&E PEs:				
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Resource Summary	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
Procurement Quantity (<i>Units in Each</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost (<i>\$ in Millions</i>)	190.940	11.670	6.068	6.105	-	6.105	6.073	6.318	6.335	6.411	Continuing	Continuing
Less PY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (<i>\$ in Millions</i>)	190.940	11.670	6.068	6.105	-	6.105	6.073	6.318	6.335	6.411	Continuing	Continuing
Plus CY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (<i>\$ in Millions</i>)	190.940	11.670	6.068	6.105	-	6.105	6.073	6.318	6.335	6.411	Continuing	Continuing

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

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

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

^{##} The FY 2014 OCO Request will be submitted at a later date

Description:

The M142 HIMARS is a C-130 transportable launcher mounted on a Family of Medium Tactical Vehicles Chassis. The HIMARS is capable of firing either six Multiple Rocket Launcher System Family of Munitions rockets or one Army Tactical Missile System Family of Munitions missile to a range of 300 kilometers.

UNCLASSIFIED

Exhibit P-3A, Individual Modification: PB 2014 Army		Date: April 2013
Appropriation / Budget Activity / Budget Sub Activity: 2032A: Missile Procurement, Army / BA 03: Modification of Missiles / BSA 10: Modifications	P-1 Line Item Nomenclature: C67501 - HIMARS Modifications	Modification Nomenclature (<i>Modification Number - Modification Title</i>): 0000 - HIMARS Modifications

Models of Systems Affected: M142 High Mobility Artillery Rocket System	Type Modification: Operational, Reliability, Safety, Crew Survivability	Related RDT&E PEs:
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Financial Plan	Prior Years	FY 2012	FY 2013	FY 2014 Base	FY 2014 OCO	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)
Procurement												
Enhanced Command and Control (C2)												
A Kits												
Recurring												
Equipment	375 / 37.359	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	375 / 37.359
Subtotal Recurring	375 / 37.359	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	375 / 37.359
Total, Enhanced Command and Control (C2)	375 / 37.359	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	375 / 37.359
Increased Crew Protection (ICP) Cab												
A Kits												
Recurring												
Kit Quantity	222 / 65.102	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	222 / 65.102
Subtotal Recurring	222 / 65.102	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	222 / 65.102
Total, Increased Crew Protection (ICP) Cab	222 / 65.102	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	222 / 65.102
Reliability Obsolescence Mitigation (MOD 4)												
A Kits												
Recurring												
Equipment	198 / 83.071	177 / 9.837	- / 5.620	- / 5.432	- / -	- / 5.432	- / 5.387	- / 6.245	- / 6.335	- / 6.411	- / 204.749	375 / 333.087
Subtotal Recurring	198 / 83.071	177 / 9.837	- / 5.620	- / 5.432	- / -	- / 5.432	- / 5.387	- / 6.245	- / 6.335	- / 6.411	- / 204.749	375 / 333.087
Total, Reliability Obsolescence Mitigation (MOD 4)	198 / 83.071	177 / 9.837	- / 5.620	- / 5.432	- / -	- / 5.432	- / 5.387	- / 6.245	- / 6.335	- / 6.411	- / 204.749	375 / 333.087
Total Procurement, All Modifications	795 / 185.532	177 / 9.837	- / 5.620	- / 5.432	- / -	- / 5.432	- / 5.387	- / 6.245	- / 6.335	- / 6.411	- / 204.749	972 / 435.548
Total Procurement and Support	185.532	9.837	5.620	5.432	-	5.432	5.387	6.245	6.335	6.411	204.749	435.548
Enhanced Command and Control (C2) Installation Cost	0 / 0.000	25 / 0.108	93 / 0.400	127 / 0.546	- / -	127 / 0.546	130 / 0.559	- / -	- / -	- / -	- / -	375 / 1.613
Increased Crew Protection (ICP) Cab Installation Cost	156 / 5.408	66 / 1.725	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	222 / 7.133
Reliability Obsolescence Mitigation (MOD 4) Installation Cost	0 / 0.000	- / -	48 / 0.048	127 / 0.127	- / -	127 / 0.127	127 / 0.127	73 / 0.073	- / -	- / -	- / -	375 / 0.375
Total Installation Cost	156 / 5.408	91 / 1.833	141 / 0.448	254 / 0.673	- / -	254 / 0.673	257 / 0.686	73 / 0.073	- / -	- / -	- / -	972 / 9.121
Total Cost (Procurement + Support + Installation)	190.940	11.670	6.068	6.105	-	6.105	6.073	6.318	6.335	6.411	204.749	444.669

UNCLASSIFIED

Exhibit P-3A, Individual Modification: PB 2014 Army		Date: April 2013
Appropriation / Budget Activity / Budget Sub Activity: 2032A: Missile Procurement, Army / BA 03: Modification of Missiles / BSA 10: Modifications	P-1 Line Item Nomenclature: C67501 - HIMARS Modifications	Modification Nomenclature (<i>Modification Number - Modification Title</i>): 0000 - HIMARS Modifications

Models of Systems Affected: M142 High Mobility Artillery Rocket System	Type Modification: Operational, Reliability, Safety, Crew Survivability	Related RDT&E PEs:
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Manufacturer Information: Enhanced Command and Control (C2)

Manufacturer Name: TDB	Manufacturer Location: TDB
Administrative Leadtime (<i>in Months</i>): 3	Production Leadtime (<i>in Months</i>): 9

Dates	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018
Contract Dates							
Delivery Dates							

Installation: Enhanced Command and Control (C2) **Method of Implementation: TDB** **Installation Name:**

Installation Cost	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)
All Prior Years	0 / 0.000	25 / 0.108	93 / 0.400	127 / 0.546	- / -	127 / 0.546	130 / 0.559	- / 0.000	- / 0.000	- / 0.000	- / 0.000	375 / 1.613
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	25 / 0.108	93 / 0.400	127 / 0.546	- / -	127 / 0.546	130 / 0.559	- / -	- / -	- / -	- / -	375 / 1.613

Installation Schedule

	APY	FY 2012				FY 2013				FY 2014				FY 2015				FY 2016				FY 2017				FY 2018				TC	Tot
		1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4		
In	375	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	375
Out	-	-	-	-	25	19	19	19	36	19	38	38	32	19	38	38	35	-	-	-	-	-	-	-	-	-	-	-	-	-	375

UNCLASSIFIED

Exhibit P-3A, Individual Modification: PB 2014 Army		Date: April 2013
Appropriation / Budget Activity / Budget Sub Activity: 2032A: Missile Procurement, Army / BA 03: Modification of Missiles / BSA 10: Modifications		P-1 Line Item Nomenclature: C67501 - HIMARS Modifications
Modification Nomenclature (Modification Number - Modification Title): 0000 - HIMARS Modifications		

Models of Systems Affected: M142 High Mobility Artillery Rocket System	Type Modification: Operational, Reliability, Safety, Crew Survivability	Related RDT&E PEs:
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Manufacturer Information: Increased Crew Protection (ICP) Cab							
Manufacturer Name: TBD				Manufacturer Location: TBD			
Administrative Leadtime (in Months): 3				Production Leadtime (in Months): 9			
Dates	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018
Contract Dates	Sep 2011						
Delivery Dates	Sep 2011						

Installation: Increased Crew Protection (ICP) Cab			Method of Implementation: TBD					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)	Qty (Each) / Total Cost (\$ M)	Qty (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	156 / 5.408	66 / 1.725	- / 0.000	- / 0.000	- / -	- / 0.000	- / 0.000	- / 0.000	- / 0.000	- / 0.000	- / 0.000	222 / 7.133
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	156 / 5.408	66 / 1.725	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	222 / 7.133

Installation Schedule																															
	APY	FY 2012				FY 2013				FY 2014				FY 2015				FY 2016				FY 2017				FY 2018				TC	Tot
		1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4		
In	222	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	222
Out	156	38	28	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	222

UNCLASSIFIED

Exhibit P-3A, Individual Modification: PB 2014 Army		Date: April 2013
Appropriation / Budget Activity / Budget Sub Activity: 2032A: Missile Procurement, Army / BA 03: Modification of Missiles / BSA 10: Modifications	P-1 Line Item Nomenclature: C67501 - HIMARS Modifications	Modification Nomenclature (Modification Number - Modification Title): 0000 - HIMARS Modifications

Models of Systems Affected: M142 High Mobility Artillery Rocket System	Type Modification: Operational, Reliability, Safety, Crew Survivability	Related RDT&E PEs:
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Manufacturer Information: Reliability Obsolescence Mitigation (MOD 4)	
Manufacturer Name: TBD	Manufacturer Location: TBD
Administrative Leadtime (in Months): 3	Production Leadtime (in Months): 9

Dates	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018
Contract Dates	May 2012						
Delivery Dates	Feb 2013						

Installation: Reliability Obsolescence Mitigation (MOD 4)	Method of Implementation: TBD	Installation Name:
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Installation Cost	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)
All Prior Years	0 / 0.000	- / 0.000	- / 0.000	- / 0.000	- / -	- / 0.000	- / 0.000	- / 0.000	- / 0.000	- / 0.000	- / 0.000	- / 0.000
FY 2012	0 / 0.000	- / -	48 / 0.048	127 / 0.127	- / -	127 / 0.127	127 / 0.127	73 / 0.073	- / -	- / -	- / -	375 / 0.375
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	- / -	48 / 0.048	127 / 0.127	- / -	127 / 0.127	127 / 0.127	73 / 0.073	- / -	- / -	- / -	375 / 0.375

Installation Schedule

	APY	FY 2012				FY 2013				FY 2014				FY 2015				FY 2016				FY 2017				FY 2018				TC	Tot
		1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4		
In	75	30	31	31	31	44	44	44	45	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	375
Out	-	-	-	-	-	-	19	19	10	19	38	38	32	19	38	38	32	38	35	-	-	-	-	-	-	-	-	-	-	-	375

UNCLASSIFIED

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

Appropriation / Budget Activity / Budget Sub Activity: 2032A: Missile Procurement, Army / BA 04: Spares and Repair Parts / BSA 10: Spares And Repair Parts
P-1 Line Item Nomenclature: CA0250 - Spares And Repair Parts

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

MDAP/MAIS Code(s):

Resource Summary	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
Procurement Quantity (Units in Each)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost (\$ in Millions)	282.153	6.960	7.864	11.222	-	11.222	11.334	11.936	11.457	13.158	Continuing	Continuing
Less PY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (\$ in Millions)	282.153	6.960	7.864	11.222	-	11.222	11.334	11.936	11.457	13.158	Continuing	Continuing
Plus CY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (\$ in Millions)	282.153	6.960	7.864	11.222	-	11.222	11.334	11.936	11.457	13.158	Continuing	Continuing

(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)	-	-	-	-	-	-	-	-	-	-	-	-

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

^{##} The FY 2014 OCO Request will be submitted at a later date

Description:

Provides for the procurement of spares to support initial fielding of new or modified end items.

Secondary Distribution		FY 2012	FY 2013	FY 2014 Base	FY 2014 OCO	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018
Army	Quantity	-	-	-	-	-	-	-	-	-
	Total Obligation Authority	6.416	7.864	11.222	-	11.222	11.334	11.936	11.457	13.158
ANG	Quantity	-	-	-	-	-	-	-	-	-
	Total Obligation Authority	0.544	-	-	-	-	-	-	-	-

Item Schedule		Prior Years			FY 2012			FY 2013			FY 2014 Base			FY 2014 OCO			FY 2014 Total			
Item Nomenclature*	Exhibits	ID CD	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)
MLRS MODIFICATION INITIAL SPARES	P40A		-	-	-	-	-	1.031	-	-	1.064	-	-	1.083	-	-	-	-	-	1.083
PATRIOT MODIFICATION INITIAL SPARES	P40A		-	-	-	-	-	4.992	-	-	6.800	-	-	10.139	-	-	-	-	-	10.139

UNCLASSIFIED

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

Appropriation / Budget Activity / Budget Sub Activity: 2032A: Missile Procurement, Army / BA 04: Spares and Repair Parts / BSA 10: Spares And Repair Parts	P-1 Line Item Nomenclature: CA0250 - Spares And Repair Parts
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ID Code (A=Service Ready, B=Not Service Ready) :	Program Elements for Code B Items:	Other Related Program Elements:
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MDAP/MAIS Code(s):

Item Schedule		ID CD	Prior Years			FY 2012			FY 2013			FY 2014 Base			FY 2014 OCO			FY 2014 Total		
Item Nomenclature*	Exhibits		Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)
INITIAL SPARES, HIMARS	P40A		-	-	-	-	-	0.937	-	-	-	-	-	-	-	-	-	-	-	-
Total Gross/Weapon System Cost							282.153			6.960			7.864			11.222			-	11.222

Item Schedule		ID CD	FY 2015			FY 2016			FY 2017			FY 2018			To Complete			Total		
Item Nomenclature*	Exhibits		Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)
MLRS MODIFICATION INITIAL SPARES	P40A		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
PATRIOT MODIFICATION INITIAL SPARES	P40A		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
INITIAL SPARES, HIMARS	P40A		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Total Gross/Weapon System Cost							11.334			11.936			11.457			13.158			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 14 Base procurement dollars in the amount of \$11.222 million support the acquisition of MLRS Modification and Patriot Modification initial spares. The funds in this account procure depot level reparable (DLR) secondary items from the Supply Management, Army, activity of the Army Working Capital Fund and commercial life cycle support vendors. To provide initial support, funds are normally required in the same year that end items are fielded.

FY 14 (\$M)
 MLRS Mods \$1.083
 Patriot Mods \$10.139
 Total \$11.222

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

Appropriation / Budget Activity / Budget Sub Activity:
2032A: Missile Procurement, Army / BA 05: Support Equipment and Facilities / BSA 10: Support Equipment & Facilities

P-1 Line Item Nomenclature:
C93000 - Air Defense Targets

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

MDAP/MAIS Code(s):

Resource Summary	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
Procurement Quantity (Units in Each)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost (\$ in Millions)	412.281	3.674	3.864	3.530	-	3.530	3.629	3.738	3.750	3.965	Continuing	Continuing
Less PY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (\$ in Millions)	412.281	3.674	3.864	3.530	-	3.530	3.629	3.738	3.750	3.965	Continuing	Continuing
Plus CY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (\$ in Millions)	412.281	3.674	3.864	3.530	-	3.530	3.629	3.738	3.750	3.965	Continuing	Continuing

(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)	-	-	-	-	-	-	-	-	-	-	-	-

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

^{##} The FY 2014 OCO Request will be submitted at a later date

Description:

The Air Defense Artillery (ADA) Targets program provides target hardware and associated scoring, payload, and ground support equipment that enables Air Defense Artillery Soldiers and units to conduct required training. This training consists of Department of the Army Pamphlet (DA PAM) 350-38 (Standards in Training Commission) required gunnery tables and aerial target tracking, training, and scoring.

Secondary Distribution		FY 2012	FY 2013	FY 2014 Base	FY 2014 OCO	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018
Army	Quantity	-	-	-	-	-	-	-	-	-
	Total Obligation Authority	3.674	3.864	3.530	-	3.530	3.629	3.738	3.750	3.965

Justification:

FY 2014 Base procurement dollars in the amount of \$3.530 million support Air Defense Artillery Targets and scoring, payload, and ground support equipment for training required in DA PAM 350-38, Standards in Training Commission (STRAC). These items support gunnery tables, aerial target tracking (Captive Flight Trainer (CFT), and Tracking Head Trainer (THT)) training, Missile Live Fire training when missiles are allocated in accordance with (IAW) the Missile Distribution Plan, and U.S. Army Avenger systems worldwide. Training requirements are generated by Department of the Army Major Field Commands, Training Centers, Division Level Commands, and real world mission rehearsals. These field requirements have been reviewed and validated against ongoing force restructuring and are consistent with the approved training doctrine. These targets are necessary to meet Army Regulation 220-1 (Unit Status Reporting) training requirements, training strategies and gunnery standards, and soldier qualification in support of unit readiness.

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Exhibit P-40, Budget Item Justification Sheet: PB 2014 Army		Date: April 2013
Appropriation / Budget Activity / Budget Sub Activity: 2032A: Missile Procurement, Army / BA 05: Support Equipment and Facilities / BSA 10: Support Equipment & Facilities		P-1 Line Item Nomenclature: C93000 - Air Defense Targets
ID Code (A=Service Ready, B=Not Service Ready) :	Program Elements for Code B Items:	Other Related Program Elements:
MDAP/MAIS Code(s): 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-40, Budget Item Justification Sheet: PB 2014 Army **Date:** April 2013

Appropriation / Budget Activity / Budget Sub Activity:
2032A: Missile Procurement, Army / BA 05: Support Equipment and Facilities / BSA 10: Support Equipment & Facilities

P-1 Line Item Nomenclature:
CL2000 - Items Less Than \$5.0m (Missiles)

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

MDAP/MAIS Code(s):

Resource Summary	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
Procurement Quantity (Units in Each)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost (\$ in Millions)	45.108	1.459	1.560	1.748	-	1.748	2.321	1.868	1.695	2.527	Continuing	Continuing
Less PY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (\$ in Millions)	45.108	1.459	1.560	1.748	-	1.748	2.321	1.868	1.695	2.527	Continuing	Continuing
Plus CY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (\$ in Millions)	45.108	1.459	1.560	1.748	-	1.748	2.321	1.868	1.695	2.527	Continuing	Continuing

(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)	-	-	-	-	-	-	-	-	-	-	-	-

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

^{##} The FY 2014 OCO Request will be submitted at a later date

Description:

Provides for the procurement of various tools and shop sets to perform missile maintenance repair tasks on the Army's missile systems worldwide.

Secondary Distribution	FY 2012	FY 2013	FY 2014 Base	FY 2014 OCO	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018
Army									
Quantity	-	-	-	-	-	-	-	-	-
Total Obligation Authority	1.459	1.560	1.748	-	1.748	2.321	1.868	1.695	2.527

Item Schedule		Prior Years			FY 2012			FY 2013			FY 2014 Base			FY 2014 OCO			FY 2014 Total			
Item Nomenclature*	Exhibits	ID CD	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)
CL2000 - Items Less Than \$5.0m (Missiles)	P5		-	-	45.108	-	-	1.459	-	-	1.560	-	-	1.748	-	-	-	-	-	1.748
Total Gross/Weapon System Cost					45.108			1.459			1.560			1.748			-			1.748

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

Appropriation / Budget Activity / Budget Sub Activity:
 2032A: Missile Procurement, Army / BA 05: Support Equipment and Facilities / BSA
 10: Support Equipment & Facilities

P-1 Line Item Nomenclature:
 CL2000 - Items Less Than \$5.0m (Missiles)

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		ID CD	FY 2015			FY 2016			FY 2017			FY 2018			To Complete			Total		
Item Nomenclature*	Exhibits		Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)
CL2000 - Items Less Than \$5.0m (Missiles)	P5		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Total Gross/Weapon System Cost					2.321			1.868			1.695			2.527	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:
 FY14 Base procurement dollars in the amount of \$1.748 million supports the acquisition of tools and shop sets that support Patriot, Tube-launched, Optically-tracked, Wire-guided (TOW 2A) missile, TOW/ Improved Target Acquisition System (TOW 2B Aero/ITAS) missile, Multiple Launch Rocket System (MLRS), High Mobility Artillery Rocket System (HIMARS), Javelin, and Avenger. The U.S. Army Aviation and Missile Life Cycle Management Command (AMCOM-LCMC) provides materiel support to U.S. Army combat units. Under the AMCOM-LCMC, the Program Executive Office, Missiles and Space (PEO MS) is required to build new toolkits and shop sets and replenish unserviceable toolkits and shop sets. The U.S. Army grew Brigade Combat Teams (BCTs) from FY07-FY10 and Program Managers (PMs) placed more tool kits into use. This request funds the increase in wholesale stock.

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Exhibit P-5, Cost Analysis: PB 2014 Army							Date: April 2013					
Appropriation / Budget Activity / Budget Sub Activity: 2032A: Missile Procurement, Army / BA 05: Support Equipment and Facilities / BSA 10: Support Equipment & Facilities				P-1 Line Item Nomenclature: CL2000 - Items Less Than \$5.0m (Missiles)				Item Nomenclature (Item Number - Item Name, DODIC): CL2000 - Items Less Than \$5.0m (Missiles)				

Resource Summary	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
Procurement Quantity (Units in Each)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost (\$ in Millions)	45.108	1.459	1.560	1.748	-	1.748	-	-	-	-	Continuing	Continuing
Less PY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (\$ in Millions)	45.108	1.459	1.560	1.748	-	1.748	-	-	-	-	Continuing	Continuing
Plus CY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (\$ in Millions)	45.108	1.459	1.560	1.748	-	1.748	-	-	-	-	Continuing	Continuing

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

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

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

^{##} The FY 2014 OCO Request will be submitted at a later date

Cost Elements († indicates the presence of a P-5A)	ID CD	All Prior Years			FY 2012			FY 2013			FY 2014 Base			FY 2014 OCO			FY 2014 Total		
		Unit Cost (\$ K)	Quantity (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Quantity (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Quantity (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Quantity (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Quantity (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Quantity (Each)	Total Cost (\$ M)
Flyaway Cost																			
Recurring Cost																			
Shop Sets / Tools		-	-	3.192	-	-	1.459	-	-	1.560	-	-	1.748	-	-	-	-	-	1.748
Total Recurring Cost				3.192			1.459			1.560			1.748						1.748
Total Flyaway Cost				3.192			1.459			1.560			1.748						1.748
Gross Weapon System Cost				45.108			1.459			1.560			1.748						1.748

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

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Exhibit P-5, Cost Analysis: PB 2014 Army		Date: April 2013
Appropriation / Budget Activity / Budget Sub Activity: 2032A: Missile Procurement, Army / BA 05: Support Equipment and Facilities / BSA 10: Support Equipment & Facilities	P-1 Line Item Nomenclature: CL2000 - Items Less Than \$5.0m (Missiles)	Item Nomenclature (Item Number - Item Name, DODIC): CL2000 - Items Less Than \$5.0m (Missiles)

P-5 Remarks:

Secondary Distribution		FY 2012	FY 2013	FY 2014 Base	FY 2014 OCO	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018
Army	Quantity	-	-	-	-	-	-	-	-	-
	Total Obligation Authority	1.459	1.560	1.748	-	1.748	-	-	-	-

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

Appropriation / Budget Activity / Budget Sub Activity: 2032A: Missile Procurement, Army / BA 05: Support Equipment and Facilities / BSA 10: Support Equipment & Facilities
P-1 Line Item Nomenclature: CA0100 - Production Base Support

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

MDAP/MAIS Code(s):

Resource Summary	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
Procurement Quantity (Units in Each)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost (\$ in Millions)	344.915	5.043	5.200	5.285	-	5.285	5.333	5.364	5.455	5.808	-	382.403
Less PY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (\$ in Millions)	344.915	5.043	5.200	5.285	-	5.285	5.333	5.364	5.455	5.808	-	382.403
Plus CY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (\$ in Millions)	344.915	5.043	5.200	5.285	-	5.285	5.333	5.364	5.455	5.808	-	382.403

(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)	-	-	-	-	-	-	-	-	-	-	-	-

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

^{##} The FY 2014 OCO Request will be submitted at a later date

Description:

This program provides Production Support and Equipment Replacement (PSR) of Government-owned equipment used in production and production testing of missile systems or missile components.

Secondary Distribution		FY 2012	FY 2013	FY 2014 Base	FY 2014 OCO	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018
Army	Quantity	-	-	-	-	-	-	-	-	-
	Total Obligation Authority	5.043	5.200	5.285	-	5.285	5.333	5.364	5.455	5.808

Project Schedule			Prior Years	FY 2012	FY 2013	FY 2014 Base	FY 2014 OCO	FY 2014 Total
Project	Exhibits	ID CD	Total Cost (\$ M)	Total Cost (\$ M)	Total Cost (\$ M)	Total Cost (\$ M)	Total Cost (\$ M)	Total Cost (\$ M)
Production Support			-	5.043	5.200	5.285	-	5.285
Iowa Army Ammunition Plant			-	2.796	2.879	2.973	-	2.973

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

Appropriation / Budget Activity / Budget Sub Activity:
 2032A: Missile Procurement, Army / BA 05: Support Equipment and Facilities / BSA 10: Support Equipment & Facilities

P-1 Line Item Nomenclature:
 CA0100 - Production Base Support

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

MDAP/MAIS Code(s):

Project Schedule		ID CD	Prior Years	FY 2012	FY 2013	FY 2014 Base	FY 2014 OCO	FY 2014 Total
Project	Exhibits		Total Cost (\$ M)	Total Cost (\$ M)	Total Cost (\$ M)	Total Cost (\$ M)	Total Cost (\$ M)	Total Cost (\$ M)
PIF for Other (RN08 - Production Base)	P25		-	2.796	2.879	2.973	-	2.973
Redstone Tech Test Center; White Sands Test Center			-	2.247	2.321	2.312	-	2.312
PIF FOR OTHER (RL07 - Test & Evaluation)	P25		-	2.247	2.321	2.312	-	2.312
Total Gross/Weapon System Cost			344.915	5.043	5.200	5.285	-	5.285

*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 14 Base procurement dollars in the amount of \$5.285 million support the establishment, modernization, expansion, or replacement of Army-owned industrial facilities. These funds are essential to sustain the Army's missile warhead production capability to eliminate safety hazards by replacing worn equipment, and to refurbish facilities.

UNCLASSIFIED

Exhibit P-25, Production Support and Industrial Facilities Cost Analysis: PB 2014 Army **Date:** April 2013

Appropriation / Budget Activity / Budget Sub Activity:
2032A: Missile Procurement, Army / BA 05: Support Equipment and Facilities / BSA 10: Support Equipment & Facilities

P-1 Line Item Nomenclature:
CA0100 - Production Base Support

Project Title: PIF for Other (RN08 - Production Base)

Project Number: 6XX5333

Project Category: Production Support

End Item Supported Model: Missile Warheads

Annual Capacity Before / After (1-8-5): /

Cost Elements <i>(\$ in Millions)</i>	FY 2012	FY 2013	FY 2014 Base	FY 2014 OCO	FY 2014 Total	Facility Name: Iowa Army Ammunition Plant						
						Facility Location: Middletown, IA						
						Facility Type (GOGO, GOCO, COCO): GOCO						
A. Construction Cost	0.949	-	0.914	-	0.914	Principal Milestones						Month & Year
B. Equipment Cost	1.365	2.117	0.625	-	0.625	Concept Design Complete:						
C. Equipment Installation Cost	0.414	0.728	0.928	-	0.928	Final Design Complete:						
D. Contractor Support Cost	0.068	0.034	0.083	-	0.083	Initial/Final Project Award:						Mar 2014 / Mar 2014
E. Corps of Engineers Support Cost	-	-	-	-	-	Construction Complete:						Sep 2015
F. Other In-House Support Cost	-	-	-	-	-	Equipment Installation Complete:						Sep 2015
F. Total Facility Project Cost	-	-	-	-	-	Prove Out Begins:						Sep 2015
G. Other Costs	-	-	0.423	-	0.423	Prove Out Complete:						Sep 2015
Total Project Cost	2.796	2.879	2.973	-	2.973	Related Projects						
						Project Number	Title	FY & Appn	Value (\$M)	Facing	Start Date	Compl Date

Narrative Explanation:
FY 14 Base procurement dollars in the amount of \$2.973 million supports numerous efforts at Iowa Ammunition Plant. The project supports replacement of control systems for Line 4B warhead presses that have reached the end of their economic life. This effort will also renovate Building 1-12 to include roof and siding and will repair water and electrical utilities to include the heating, ventilation, and air conditioning (HVAC) systems. It will procure and install a 100-ton, double acting, hydraulic billet press in building 1-19-5 (development). This press will replace a well-worn 300-ton press built in 1951, and will be used primarily for development type work in the pressing of specific warhead billets. Finally, this effort will decontaminate and dispose of excess production equipment/facilities no longer required for missile production. This equipment is explosively contaminated and must be decontaminated before disposal.

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Exhibit P-25, Production Support and Industrial Facilities Cost Analysis: PB 2014 Army **Date:** April 2013

Appropriation / Budget Activity / Budget Sub Activity:
2032A: Missile Procurement, Army / BA 05: Support Equipment and Facilities / BSA 10: Support Equipment & Facilities

P-1 Line Item Nomenclature:
CA0100 - Production Base Support

Project Title: PIF FOR OTHER (RL07 - Test & Evaluation)

Project Number: 6XXXXXX

Project Category: Production Support

End Item Supported Model: Testing of Missile Systems

Annual Capacity Before / After (1-8-5): /

Cost Elements <i>(\$ in Millions)</i>	FY 2012	FY 2013	FY 2014 Base	FY 2014 OCO	FY 2014 Total	Facility Name: Redstone Tech Test Center; White Sands Test Center						
						Facility Location: Huntsville, AL; White Sands Missile Range, NM						
A. Construction Cost	-	-	-	-	-	Facility Type (GOGO, GOCO, COCO): GOGO						
B. Equipment Cost	2.247	2.321	2.312	-	2.312	Principal Milestones	Month & Year					
C. Equipment Installation Cost	-	-	-	-	-	Concept Design Complete:						
D. Contractor Support Cost	-	-	-	-	-	Final Design Complete:						
E. Corps of Engineers Support Cost	-	-	-	-	-	Initial/Final Project Award:	Dec 2013 / Mar 2014					
F. Other In-House Support Cost	-	-	-	-	-	Construction Complete:						
F. Total Facility Project Cost	-	-	-	-	-	Equipment Installation Complete:	Dec 2014					
G. Other Costs	-	-	-	-	-	Prove Out Begins:						
Total Project Cost	2.247	2.321	2.312	-	2.312	Prove Out Complete:						
						Related Projects						
						Project Number	Title	FY & Appn	Value (\$M)	Facing	Start Date	Compl Date

Narrative Explanation:
FY 14 Base procurement dollars in the amount of \$2.312 million support the following: Procures a Non-Track Digital Instrumentation System (NTDIS), which is a mobile video broadcast van with equipment capable of near real time viewing, recording, processing, and remote network control of high-speed video data collected at missile launch sites (Non-Track refers to video collected from cameras fixed on tripods not optical tracking instruments, NTDIS does not track missiles).