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Exhibit R-2, RDT&E Budget Item Justification: PB 2015 Army										Date: March 2014		
Appropriation/Budget Activity 2040: Research, Development, Test & Evaluation, Army I BA 7: Operational Systems Development					R-1 Program Element (Number/Name) PE 0203801A I Missile/Air Defense Product Improvement Program							
COST (\$ in Millions)	Prior Years	FY 2013	FY 2014	FY 2015 Base	FY 2015 OCO #	FY 2015 Total	FY 2016	FY 2017	FY 2018	FY 2019	Cost To Complete	Total Cost
Total Program Element	-	17.863	1.577	5.115	-	5.115	3.556	3.663	2.810	4.154	Continuing	Continuing
038: Avenger PIP	-	-	-	5.115	-	5.115	3.556	3.663	2.810	4.154	Continuing	Continuing
DT5: Stinger Product Improvement	-	17.863	1.577	-	-	-	-	-	-	-	-	19.440
# The FY 2015 OCO Request will be submitted at a later date.												
Note FY13 Other Adjustments 1: Sequestration reduction. FY15 Adjustments to Budget Years: Funds for the development of the Avenger Product Improvement Program (PIP) addresses modernization and added capability.												
A. Mission Description and Budget Item Justification Project 038 Avenger Product Improvement Program (PIP): The Avenger Air Defense System is a lightweight, highly mobile surface-to-air missile and gun weapon system mounted on a High Mobility Multi-purpose Wheeled Vehicle (HMMWV). The system employs a canopied turret consisting of a gunner position, two gyro-stabilized missile launcher pods containing four STINGER missiles each, a Forward Looking Infrared Receiver (FLIR), a Laser Range Finder (LRF), an Identification Friend or Foe (IFF) system, and a very high rate of fire .50 caliber machine gun. The gun system is used against ground targets and to cover the Stinger missile dead-zone. Avenger is capable of day, night and adverse weather operations, can be transported by UH-60L Blackhawk helicopter or C-130 aircraft, is air-droppable and can shoot on the move. The system can also be operated by remote control from a protected position up to 50 meters away from the fire unit. The Avenger system is operated by a two-man crew to counter Unmanned Aerial Systems (UASs), cruise missiles, attack helicopters, and high performance fixed wing/ rotary wing aircraft. The system fills the line-of-sight rear component of the Forward Area Air Defense (FAAD) system. These funds are provided for the Avenger PIP to address modernization and added capability. Avenger will remain in the force through the Fiscal Year (FY) 30 timeframe according to the Long Range Investments Requirements Analysis. Avenger fills a capability gap which will be permanently filled by the Indirect Fire Protection Capability Increment 2 Intercept (IFPC2-I) which is fully fielded in FY30. The Avenger Fire Control Computer (AFCC) will undergo software and hardware upgrades that will enable the system to handle increased targeting capability realized with the latest version of the Forward Area Air Defense (FAAD) early warning system and ensure the system meets the latest Information Assurance (IA) requirements, upgraded analog to digital vehicle intercommunication system and Mode 5 cooperative target identification functions. Project DT5 Stinger Product Improvement: The Stinger Block I missile is an advanced, fire-and-forget, short-range, man-portable, air defense weapon system. Stinger's mission is to provide the force with low-altitude air defense against fixed and rotary wing aircraft, unmanned aircraft systems (UAS) and cruise missiles (CM). 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												

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Appropriation/Budget Activity 2040: Research, Development, Test & Evaluation, Army I BA 7: Operational Systems Development	R-1 Program Element (Number/Name) PE 0203801A I Missile/Air Defense Product Improvement Program
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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.

The Stinger Product Improvement provides design, development, test and integration of a Proximity Fuze into the existing Stinger Block I missiles. 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 and validated by the Deputy Chief of Staff, G-3/5/7, Current and Future Warfighting Capabilities Division (DAMO-CIC) in memo dated 28 May 2013.

B. Program Change Summary (\$ in Millions)	<u>FY 2013</u>	<u>FY 2014</u>	<u>FY 2015 Base</u>	<u>FY 2015 OCO</u>	<u>FY 2015 Total</u>
Previous President's Budget	20.733	1.578	-	-	-
Current President's Budget	17.863	1.577	5.115	-	5.115
Total Adjustments	-2.870	-0.001	5.115	-	5.115
• Congressional General Reductions	-0.028	-			
• Congressional Directed Reductions	-	-			
• Congressional Rescissions	-	-			
• Congressional Adds	-	-			
• Congressional Directed Transfers	-	-			
• Reprogrammings	-0.622	-			
• SBIR/STTR Transfer	-0.583	-			
• Adjustments to Budget Years	-	-	5.115	-	5.115
• Other Adjustments 1	-1.637	-0.001	-	-	-

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Exhibit R-2A, RDT&E Project Justification: PB 2015 Army										Date: March 2014		
Appropriation/Budget Activity 2040 / 7					R-1 Program Element (Number/Name) PE 0203801A / Missile/Air Defense Product Improvement Program				Project (Number/Name) 038 / Avenger PIP			
COST (\$ in Millions)	Prior Years	FY 2013	FY 2014	FY 2015 Base	FY 2015 OCO #	FY 2015 Total	FY 2016	FY 2017	FY 2018	FY 2019	Cost To Complete	Total Cost
038: Avenger PIP	-	-	-	5.115	-	5.115	3.556	3.663	2.810	4.154	Continuing	Continuing
Quantity of RDT&E Articles	-	-	-	-	-	-	-	-	-	-		
# The FY 2015 OCO Request will be submitted at a later date.												
Note Project 038 Avenger Production Improvement Program (PIP) - is a New Start FY 2015.												
A. Mission Description and Budget Item Justification The Avenger Air Defense System is a lightweight, highly mobile surface-to-air missile and gun weapon system mounted on a High Mobility Multi-purpose Wheeled Vehicle (HMMWV). The system employs a canopied turret consisting of a gunner position, two gyro-stabilized missile launcher pods containing four STINGER missiles each, a Forward Looking Infrared Receiver (FLIR), a Laser Range Finder (LRF), an Identification Friend or Foe (IFF) system, and a very high rate of fire .50 caliber machine gun. The gun system is used against ground targets and to cover the Stinger missile dead-zone. Avenger is capable of day, night and adverse weather operations, can be transported by UH-60L Blackhawk helicopter or C-130 aircraft, is air-droppable and can shoot on the move. The system can also be operated by remote control from a protected position up to 50 meters away from the fire unit. The Avenger system is operated by a two-man crew to counter Unmanned Aerial Systems (UASs), cruise missiles, attack helicopters, and high performance fixed wing/ rotary wing aircraft. The system fills the line-of-sight rear component of the Forward Area Air Defense (FAAD) system. These funds are provided for the Avenger PIP to address modernization and added capability. Avenger will remain in the force through the Fiscal Year (FY) 30 timeframe according to the Long Range Investments Requirements Analysis. Avenger fills a capability gap which will be permanently filled by the Indirect Fire Protection Capability Increment 2 Intercept (IFPC2-I) which is fully fielded in FY30. The Avenger Fire Control Computer (AFCC) will undergo software and hardware upgrades that will enable the system to handle increased targeting capability realized with the latest version of the Forward Area Air Defense (FAAD) early warning system and ensure the system meets the latest Information Assurance (IA) requirements, upgraded analog to digital vehicle intercommunication system and Mode 5 cooperative target identification functions.												
B. Accomplishments/Planned Programs (\$ in Millions)									FY 2013	FY 2014	FY 2015	
Title: Avenger Modernization									-	-	5.115	
Description: This funds the effort to upgrade the fire control computer software, and adds new cooperative friendly identification function.												
FY 2015 Plans:												

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Appropriation/Budget Activity 2040 / 7				R-1 Program Element (Number/Name) PE 0203801A / Missile/Air Defense Product Improvement Program					Project (Number/Name) 038 / Avenger PIP			
B. Accomplishments/Planned Programs (\$ in Millions)									FY 2013	FY 2014	FY 2015	
Establish allocated and product baselines, and perform engineering design and development activities for platform integration, software upgrades, and capability enhancements. Plan test requirements and conduct limited contractor and government testing. Perform technical assessments, concept studies, cost reduction, risk reduction and development documentation.												
Accomplishments/Planned Programs Subtotals									-	-	5.115	
C. Other Program Funding Summary (\$ in Millions)												
Line Item	FY 2013	FY 2014	FY 2015 Base	FY 2015 OCO	FY 2015 Total	FY 2016	FY 2017	FY 2018	FY 2019	Cost To Complete	Total Cost	
• PE 0605456A: Proj PA3, PAC-3/MSE Missile	69.029	69.175	120.065	-	120.065	63.506	65.179	65.734	117.666	Continuing	Continuing	
• SSN C53101: MSE Missile	-	-	459.257	-	459.257	539.623	557.957	577.747	614.943	Continuing	Continuing	
• PE 0102419A: Proj E55, JLENS	-	-	46.600	-	46.600	47.450	37.830	2.600	0.002	Continuing	Continuing	
• PE 0604319A: Proj DU3, IFPC2 (FY12	76.039	79.232	101.000	-	101.000	157.010	91.000	59.000	28.000	Continuing	Continuing	
PE0603305A IFPC II-Intercept)												
• PE 0605457A: Proj S40, Army Integrated Air and Missile Defense (AIAMD)	262.211	345.410	145.009	-	145.009	140.135	232.035	173.131	156.445	Continuing	Continuing	
• SSN BZ5075: Army IAMD Battle Command System (IBCS)	-	20.980	-	-	-	-	21.091	101.273	325.378	Continuing	Continuing	
• PE 0604820A: Proj E10 Sentinel	-	-	6.674	-	6.674	11.583	11.007	11.053	12.280	Continuing	Continuing	
• PE 0604741A: Proj 126, 146, 149: Air Defense C2I Engr Dev	73.333	37.409	16.178	-	16.178	20.557	19.909	20.145	20.410	Continuing	Continuing	
• PE0203201A: Proj DT5; Missile/Air Defense Product Improvement Plan; Stinger Product Improvement	17.863	1.577	-	-	-	-	-	-	-	-	19.440	
• SSN C21300: Stinger Blk I Upgrades	-	37.252	1.355	-	1.355	2.217	-	-	-	-	40.824	
• SSN CE8710: Avenger Modernizations Procurement Line	-	-	5.611	-	5.611	14.624	41.293	80.789	30.729	Continuing	Continuing	
Remarks												
This program is an integral part of the Army Air and Missile Defense Modernization strategy.												

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Appropriation/Budget Activity 2040 / 7	R-1 Program Element (Number/Name) PE 0203801A / <i>Missile/Air Defense Product Improvement Program</i>	Project (Number/Name) 038 / <i>Avenger PIP</i>
D. Acquisition Strategy In Fiscal Year (FY) 2015 the Avenger Product Office will award one or more contracts for modernization of the Avenger fleet. When completed, the Avenger fleet will have been modernized to support Force Development Update (FDU) structure until displaced with a replacement system as called out by the Long Range Investments Requirements Analysis (LIRA).		
E. Performance Metrics N/A		

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Exhibit R-3, RDT&E Project Cost Analysis: PB 2015 Army												Date: March 2014			
Appropriation/Budget Activity 2040 / 7						R-1 Program Element (Number/Name) PE 0203801A / <i>Missile/Air Defense Product Improvement Program</i>						Project (Number/Name) 038 / <i>Avenger PIP</i>			
Management Services (\$ in Millions)				FY 2013		FY 2014		FY 2015 Base		FY 2015 OCO		FY 2015 Total			
Cost Category Item	Contract Method & Type	Performing Activity & Location	Prior Years	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Cost To Complete	Total Cost	Target Value of Contract
Avenger Modernization	Various	Cruise Missile Defense Systems Project Office : Redstone Arsenal, AL	0.000	-		-		0.512		-		0.512	Continuing	Continuing	-
Subtotal			0.000	-		-		0.512		-		0.512	-	-	-
Remarks This program supports the Army Integrated Air and Missile Defense (AIAMD) architecture.															
Product Development (\$ in Millions)				FY 2013		FY 2014		FY 2015 Base		FY 2015 OCO		FY 2015 Total			
Cost Category Item	Contract Method & Type	Performing Activity & Location	Prior Years	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Cost To Complete	Total Cost	Target Value of Contract
Avenger Modernization	Various	The Boeing Company : Huntsville, AL	0.000	-		-		3.233		-		3.233	Continuing	Continuing	-
Subtotal			0.000	-		-		3.233		-		3.233	-	-	-
Test and Evaluation (\$ in Millions)				FY 2013		FY 2014		FY 2015 Base		FY 2015 OCO		FY 2015 Total			
Cost Category Item	Contract Method & Type	Performing Activity & Location	Prior Years	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Cost To Complete	Total Cost	Target Value of Contract
Avenger Modernization	Various	The Boeing Company, Aviation and Missile Research Development Engineering Center (AMRDEC) : Huntsville, AL; Redstone Arsenal, AL	0.000	-		-		1.370		-		1.370	Continuing	Continuing	-

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Appropriation/Budget Activity 2040 / 7						R-1 Program Element (Number/Name) PE 0203801A / Missile/Air Defense Product Improvement Program				Project (Number/Name) 038 / Avenger PIP					
Test and Evaluation (\$ in Millions)				FY 2013		FY 2014		FY 2015 Base		FY 2015 OCO		FY 2015 Total			
Cost Category Item	Contract Method & Type	Performing Activity & Location	Prior Years	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Cost To Complete	Total Cost	Target Value of Contract
Subtotal			0.000	-		-		1.370		-		1.370	-	-	-
			Prior Years	FY 2013		FY 2014		FY 2015 Base		FY 2015 OCO		FY 2015 Total	Cost To Complete	Total Cost	Target Value of Contract
Project Cost Totals			0.000	-		-		5.115		-		5.115	-	-	-
Remarks															

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Exhibit R-4, RDT&E Schedule Profile: PB 2015 Army			Date: March 2014		
Appropriation/Budget Activity 2040 / 7		R-1 Program Element (Number/Name) PE 0203801A / <i>Missile/Air Defense Product Improvement Program</i>		Project (Number/Name) 038 / <i>Avenger PIP</i>	

	FY 2013				FY 2014				FY 2015				FY 2016				FY 2017				FY 2018				FY 2019			
	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
Mode 5/Identification Friend or Foe (IFF) Development																												
Voice Intercom Communication (VIC) Development																												
Mode 5/VIC Production Representative Articles (PRA)																												
Mode5/IFF & VIC3 Integration and testing																												
Mode5/IFF & VIC Log/Maintenance Demo																												
Avenger Fire Control Computer-Revision (AFCC-R) Development																												
AFCC-R Production Representative Articles (PRA)																												
AFCC-R Integration & Testing																												
AFCC-R Log/Maintenance Demo																												
Remote Control Unit- Revised (RCU-R) Development																												

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Exhibit R-4A, RDT&E Schedule Details: PB 2015 Army			Date: March 2014
Appropriation/Budget Activity 2040 / 7	R-1 Program Element (Number/Name) PE 0203801A / <i>Missile/Air Defense Product Improvement Program</i>	Project (Number/Name) 038 / <i>Avenger PIP</i>	

Schedule Details

Events	Start		End	
	Quarter	Year	Quarter	Year
Mode 5/Identification Friend or Foe (IFF) Development	2	2015	2	2016
Voice Intercom Communication (VIC) Development	1	2016	2	2016
Mode 5/VIC Production Representative Articles (PRA)	4	2015	3	2016
Mode5/IFF & VIC3 Integration and testing	2	2016	2	2016
Mode5/IFF & VIC Log/Maintenance Demo	2	2016	2	2016
Avenger Fire Control Computer-Revision (AFCC-R) Development	3	2016	3	2018
AFCC-R Production Representative Articles (PRA)	1	2018	1	2018
AFCC-R Integration & Testing	2	2018	2	2018
AFCC-R Log/Maintenance Demo	2	2018	3	2018
Remote Control Unit- Revised (RCU-R) Development	2	2019	3	2020

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Exhibit R-2A, RDT&E Project Justification: PB 2015 Army										Date: March 2014		
Appropriation/Budget Activity 2040 / 7					R-1 Program Element (Number/Name) PE 0203801A / Missile/Air Defense Product Improvement Program				Project (Number/Name) DT5 / Stinger Product Improvement			
COST (\$ in Millions)	Prior Years	FY 2013	FY 2014	FY 2015 Base	FY 2015 OCO #	FY 2015 Total	FY 2016	FY 2017	FY 2018	FY 2019	Cost To Complete	Total Cost
DT5: Stinger Product Improvement	-	17.863	1.577	-	-	-	-	-	-	-	-	19.440
Quantity of RDT&E Articles	-	-	-	-	-	-	-	-	-	-		
# The FY 2015 OCO Request will be submitted at a later date.												
A. Mission Description and Budget Item Justification												
The Stinger Block I missile is an advanced, fire-and-forget, short-range, man-portable, air defense weapon system. Stinger's mission is to provide the force with low-altitude air defense against fixed and rotary wing aircraft, unmanned aircraft systems (UAS) and cruise missiles (CM). 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.												
The Stinger Product Improvement provides design, development, test and integration of a Proximity Fuze into the existing Stinger Block I missiles. 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 and validated by the Deputy Chief of Staff, G-3/5/7, Current and Future Warfighting Capabilities Division (DAMO-CIC) in memo dated 28 May 2013.												
B. Accomplishments/Planned Programs (\$ in Millions, Article Quantities in Each)									FY 2013	FY 2014	FY 2015	
Title: Proximity Fuze (Prox Fuze) Development and Integration Articles: Description: This effort funds the design and development of a Prox Fuze and integrates it into existing STINGER Block I missiles. FY 2013 Accomplishments: Completed design and development of Prox Fuze and Block I missile integration method and processes. Integrated warhead with Prox Fuze and integrated warhead/Prox Fuze assembly into existing Stinger Block I missiles for Guided Test Vehicles and All-Up-Rounds for testing. Performed technical assessments, concept studies, cost reduction, risk reduction, and develop required documentation. FY 2014 Plans: Complete integration efforts allowing for final revisions and developing the required documentation to support materiel release.									12.513	1.010	-	
									-	-	-	
Title: Test and Evaluation									4.650	0.511	-	

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Exhibit R-2A, RDT&E Project Justification: PB 2015 Army									Date: March 2014		
Appropriation/Budget Activity 2040 / 7				R-1 Program Element (Number/Name) PE 0203801A / Missile/Air Defense Product Improvement Program				Project (Number/Name) DT5 / Stinger Product Improvement			
B. Accomplishments/Planned Programs (\$ in Millions, Article Quantities in Each)									FY 2013	FY 2014	FY 2015
Articles:									-	-	-
Description: This effort funds Government and contractor Developmental and Operational tests.											
FY 2013 Accomplishments: Performed government and contractor tests for hazard classification, lethality, and fuze board.											
FY 2014 Plans: Complete flight testing as well as required safety and lethality testing in support of materiel release.											
Title: Management Support									0.700	0.056	-
Articles:									-	-	-
Description: This effort funds government management and technical support.											
FY 2013 Accomplishments: Provided government management, technical and administrative support for the program in FY 2013.											
FY 2014 Plans: Provide government management, technical and administrative support for the program in FY 2014.											
Accomplishments/Planned Programs Subtotals									17.863	1.577	-
C. Other Program Funding Summary (\$ in Millions)											
Line Item	FY 2013	FY 2014	FY 2015 Base	FY 2015 OCO	FY 2015 Total	FY 2016	FY 2017	FY 2018	FY 2019	Cost To Complete	Total Cost
• PE0605456A: Proj PA3, PAC-3/MSE Missile	69.029	69.175	120.065	-	120.065	63.506	65.179	65.734	117.666	Continuing	Continuing
• SSN C53101: MSE Missile	12.850	546.210	459.257	-	459.257	539.623	557.957	577.747	614.943	Continuing	Continuing
• PE0102419A: Proj E55, JLENS	190.422	64.450	46.660	-	46.660	47.450	37.830	2.600	0.002	-	389.414
• PE 0604319A: Proj DU3, IFPC2 (FY 2011/2012 PE0603305A IFPC II- Intercept)	76.039	79.232	101.000	-	101.000	157.010	91.000	59.000	28.000	Continuing	Continuing
• PE0605457A: Proj S40, Army Integrated Air and Missile Defense (AIAMD)	262.211	345.410	145.009	-	145.009	140.135	232.035	173.131	156.445	Continuing	Continuing
• SSN BZ5075: Army IAMD Battle Command System (IBCS)	-	20.980	-	-	-	-	21.091	101.273	325.378	Continuing	Continuing

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Exhibit R-2A, RDT&E Project Justification: PB 2015 Army										Date: March 2014		
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C. Other Program Funding Summary (\$ in Millions)												
Line Item	FY 2013	FY 2014	FY 2015 Base	FY 2015 OCO	FY 2015 Total	FY 2016	FY 2017	FY 2018	FY 2019	Cost To Complete	Total Cost	
• PE 0604820A: Proj E10, Sentinel	3.486	1.944	6.674	-	6.674	11.583	11.007	11.053	12.280	Continuing	Continuing	
• PE 0604741A: Proj 126, 146, 149; Air Defense C2I Eng Dev	73.333	37.409	16.178	-	16.178	20.557	19.909	20.145	20.410	Continuing	Continuing	
• PE0203801A: Proj 038; Missile/Air Defense Product Improvement Program Avenger PIP)	-	-	5.115	-	5.115	3.556	3.663	2.810	4.154	Continuing	Continuing	
• SSN CE8710: Avenger Modernizations	-	-	5.611	-	5.611	14.624	41.293	80.789	30.729	Continuing	Continuing	
• SSNC21300: Stinger Blk I Upgrades Procurement Line	-	37.252	1.355	-	1.355	2.217	-	-	-	-	40.824	
Remarks												
This program is an integral part of the Army Air and Missile Defense Modernization strategy.												
D. Acquisition Strategy												
In Fiscal Year (FY) 12 the Stinger Based Systems (SBS) Product Office utilized Picatinny Arsenal to award a Proximity Fuze (Prox Fuze) development contract for the design, development, test and integration of a Proximity Fuze into existing Stinger Block I missiles. The Proximity Fuze will improve system effectiveness against the evolving Unmanned Aerial System (UAS) threat. UAS Defense (UAS-D) is a requirement of the Operational Requirements Document (ORD) for the Stinger Guided Missile System and validated by the Deputy Chief of Staff, G-3/5/7, Current and Future Warfighting Capabilities Division (DAMO-CIC) in memo dated 28 May 2013.												
E. Performance Metrics												
N/A												

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Exhibit R-3, RDT&E Project Cost Analysis: PB 2015 Army												Date: March 2014			
Appropriation/Budget Activity 2040 / 7						R-1 Program Element (Number/Name) PE 0203801A / Missile/Air Defense Product Improvement Program				Project (Number/Name) DT5 / Stinger Product Improvement					
Management Services (\$ in Millions)				FY 2013		FY 2014		FY 2015 Base		FY 2015 OCO		FY 2015 Total			
Cost Category Item	Contract Method & Type	Performing Activity & Location	Prior Years	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Cost To Complete	Total Cost	Target Value of Contract
Program Mgt/Admin	SS/ Various	CMD5 PO : Huntsville, AL	0.225	0.700		0.056		-		-		-	-	0.981	-
Subtotal			0.225	0.700		0.056		-		-		-	-	0.981	-
Product Development (\$ in Millions)				FY 2013		FY 2014		FY 2015 Base		FY 2015 OCO		FY 2015 Total			
Cost Category Item	Contract Method & Type	Performing Activity & Location	Prior Years	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Cost To Complete	Total Cost	Target Value of Contract
Proximity Fuze Development	MIPR	Picatinny Arsenal : Picatinny Arsenal, NJ	9.454	12.513		1.010		-		-		-	-	22.977	-
Subtotal			9.454	12.513		1.010		-		-		-	-	22.977	-
Test and Evaluation (\$ in Millions)				FY 2013		FY 2014		FY 2015 Base		FY 2015 OCO		FY 2015 Total			
Cost Category Item	Contract Method & Type	Performing Activity & Location	Prior Years	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Cost To Complete	Total Cost	Target Value of Contract
Government Test & Evaluation	Various	CMD5 Project Office : Redstone Arsenal, AL and Eglin Air Force Base, FL	0.000	4.650		0.511		-		-		-	-	5.161	-
Subtotal			0.000	4.650		0.511		-		-		-	-	5.161	-
			Prior Years	FY 2013		FY 2014		FY 2015 Base		FY 2015 OCO		FY 2015 Total	Cost To Complete	Total Cost	Target Value of Contract
Project Cost Totals			9.679	17.863		1.577		-		-		-	-	29.119	-
Remarks															

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Exhibit R-4, RDT&E Schedule Profile: PB 2015 Army			Date: March 2014
Appropriation/Budget Activity 2040 / 7	R-1 Program Element (Number/Name) PE 0203801A / Missile/Air Defense Product Improvement Program	Project (Number/Name) DT5 / Stinger Product Improvement	

	FY 2013				FY 2014				FY 2015				FY 2016				FY 2017				FY 2018				FY 2019			
	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
Proximity Fuze (Prox Fuze) Development																												
Prox Fuze Critical Design Review (CDR)																												
Component Level Qualifications (CLQ)																												
Proximity Flight Readiness Reviews (PFRR)																												
Proximity Flight Test (PFT)																												
Final Army Fuze Safety Review Board (AFSRB)																												

UNCLASSIFIED

Exhibit R-4A, RDT&E Schedule Details: PB 2015 Army			Date: March 2014
Appropriation/Budget Activity 2040 / 7	R-1 Program Element (Number/Name) PE 0203801A / <i>Missile/Air Defense Product Improvement Program</i>	Project (Number/Name) DT5 / <i>Stinger Product Improvement</i>	

Schedule Details

Events	Start		End	
	Quarter	Year	Quarter	Year
Proximity Fuze (Prox Fuze) Development	3	2012	2	2014
Prox Fuze Critical Design Review (CDR)	4	2013	4	2013
Component Level Qualifications (CLQ)	1	2014	2	2014
Proximity Flight Readiness Reviews (PFRR)	2	2014	3	2014
Proximity Flight Test (PFT)	3	2014	3	2014
Final Army Fuze Safety Review Board (AFSRB)	3	2014	3	2014