Exhibit R-2, RDT&E Budget Item Justification: PB 2014 Army

#### APPROPRIATION/BUDGET ACTIVITY

#### R-1 ITEM NOMENCLATURE

2040: Research, Development, Test & Evaluation, Army

PE 0708045A: End Item Industrial Preparedness Activities

BA 7: Operational Systems Development

COST (\$ in Millions)	All Prior Years	FY 2012	FY 2013 <sup>#</sup>	FY 2014 Base	FY 2014 OCO ##	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	Cost To Complete	Total Cost
Total Program Element	-	57.607	59.908	56.136	-	56.136	60.866	59.787	60.006	60.592	Continuing	Continuing
E25: MFG SCIENCE & TECH	-	57.607	59.908	56.136	-	56.136	60.866	59.787	60.006	60.592	Continuing	Continuing

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

### A. Mission Description and Budget Item Justification

This program element (PE) develops and demonstrates manufacturing processes that enable improvements in producibility and affordability of emerging and enabling components and subsystems of Army air, ground, Soldier, and command/control/communications systems. Initiatives within the PE result in cost savings and reduced risk of transitioning military-unique manufacturing processes into production. Project E25 fosters the transfer of new/improved manufacturing technologies to the industrial base, including manufacturing efforts that have potential for high payoff across the spectrum of Army systems.

Work in this PE is related to, and fully coordinated with, PE 0603710A (Night Vision Advanced Technology), PE 0602303A (Missile Technology), PE 0602105A (Materials Technology), PE 0602618A (Ballistics Technology), PE 0602601A (Combat Vehicle and Automotive Technology), and PE 0603005A (Combat Vehicle and Automotive Advanced Technology) and PE 0602705A (Electronics and Electronic Devices).

The cited work is consistent with the Assistant Secretary of Defense, Research and Engineering Science and Technology focus areas and the Army Modernization Strategy.

Work in this PE is performed by the Army Research, Development, and Engineering Command (RDECOM) and efforts are executed by the Army Research Laboratory (ARL) and appropriate Army Research, Development, and Engineering Centers (RDECs).

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

DATE: April 2013

APPROPRIATION/BUDGET ACTIVITY

2040: Research, Development, Test & Evaluation, Army

Exhibit R-2, RDT&E Budget Item Justification: PB 2014 Army

BA 7: Operational Systems Development

R-1 ITEM NOMENCLATURE

PE 0708045A: End Item Industrial Preparedness Activities

B. Program Change Summary (\$ in Millions)	FY 2012	FY 2013	FY 2014 Base	FY 2014 OCO	FY 2014 Total
Previous President's Budget	59.297	59.908	59.952	-	59.952
Current President's Budget	57.607	59.908	56.136	-	56.136
Total Adjustments	-1.690	0.000	-3.816	-	-3.816
<ul> <li>Congressional General Reductions</li> </ul>	-	-			
<ul> <li>Congressional Directed Reductions</li> </ul>	-	-			
<ul> <li>Congressional Rescissions</li> </ul>	-	-			
<ul> <li>Congressional Adds</li> </ul>	-	-			
<ul> <li>Congressional Directed Transfers</li> </ul>	-	-			
Reprogrammings	-	-			
SBIR/STTR Transfer	-1.690	-			
<ul> <li>Adjustments to Budget Years</li> </ul>	-	-	-3.816	-	-3.816

Exhibit R-2A, RDT&E Project Justification: PB 2014 Army										<b>DATE:</b> Apr	il 2013		
APPROPRIATION/BUDGET ACTIVITY					R-1 ITEM NOMENCLATURE PROJECT				<b>PROJECT</b>	Т			
2040: Research, Development, Te		ation, Army				15A: End Ite		1	E25: MFG SCIENCE & TECH				
BA 7: Operational Systems Devel	opment				Preparedn	ess Activitie	es						
COST (\$ in Millions)	All Prior			FY 2014	FY 2014	FY 2014					Cost To	Total	
COST (\$ III WIIIIONS)	Years	FY 2012	FY 2013 <sup>#</sup>	Base	oco##	Total	FY 2015	FY 2016	FY 2017	FY 2018	Complete	Cost	
E25: MFG SCIENCE & TECH	-	57.607	59.908	56.136	-	56.136	60.866	59.787	60.006	60.592	Continuing C	Continuing	
Quantity of RDT&F Articles													

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

### A. Mission Description and Budget Item Justification

PE 0708045A: End Item Industrial Preparedness Activities

This project develops and demonstrates manufacturing processes that enable improvements in producibility and affordability of emerging and enabling components and subsystems of Army air, ground, Soldier and command/control/communications/intelligence systems. Focus is on components and subsystems such as advanced armor, power and energy devices, rotors, sensors, displays, propellants and gun tubes. In addition, work is conducted to advance the state of the art in processing and fabrication techniques for coatings, multifunctional materials and structural elements for Army specific applications.

Work supports all Army S&T portfolios. Work in this PE is related to and fully coordinated with PE 0602105A (Materials Technology), PE 0602211A (Aviation Technology, PE 0602303A (Missile Technology), PE 0602601A (Combat Vehicle and Automotive Technology), PE 0602618A (Ballistics Technology), PE 0602705A (Electronics and Electronic Devices), PE 0603003 (Aviation Advanced Technology), PE 0603005A (Combat Vehicle and Automotive Advanced Technology) and PE 0603710A (Night Vision Advanced Technology).

The cited work is consistent with the Assistant Secretary of Defense for Research and Engineering S&T focus areas and the Army Modernization Strategy.

Work in this project is performed by the Army Research, Development and Engineering Command (RDECOM) and efforts are executed by the Army Research Laboratory (ARL) and appropriate Army Research, Development and Engineering Centers (RDECs).

B. Accomplishments/Planned Programs (\$ in Millions, Article Quantities in Each)	FY 2012	FY 2013	FY 2014
Title: Air Systems	11.632	13.112	4.000
Articles:	0	0	
<b>Description:</b> This effort funds manufacturing technology advances needed for more affordable manned and unmanned aircraft components and subsystems. Work focuses on addressing challenges in areas such as engine performance and life, rotor and blade durability, reliable component integration/attachment, structural durability at low weight, and reduced corrosion.			
FY 2012 Accomplishments:  Applied erosion coating materials onto UH-60 and AH-64 rotor-blades to decrease the number of blades repaired from 48 to 24 a year and reduce coating costs from \$18 thousands - \$14 thousands per rotor-blade. Developed novel tooling approaches and manufacturing processes to increase UAV heavy fuel engine performance, fuel efficiency and reliability, which reduces			

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

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Exhibit R-2A, RDT&E Project Justification: PB 2014 Army			DATE:	April 2013		
APPROPRIATION/BUDGET ACTIVITY 2040: Research, Development, Test & Evaluation, Army BA 7: Operational Systems Development	R-1 ITEM NOMENCLATURE PE 0708045A: End Item Industrial Preparedness Activities		PROJECT E25: MFG SCIENCE & TECH			
B. Accomplishments/Planned Programs (\$ in Millions, Article Qu	uantities in Each)		FY 2012	FY 2013	FY 2014	
overall UAV life cycle costs. Integrated improved heavy fuel engine effectiveness. Developed cost effective processes for manufacturing durability and reliability of UH-60 and AH-64 components. Automate reduce coating costs. Manufactured high performance flexible airbor techniques. Improved auto clave, bonding lines and joints to increas Demonstrated improved cost effective Environmental Barrier Coating improvements to reduce fabrication labor and weight for T-700 helico	g nano-composite coatings which increases performated nano-composite application processes and equipmented antennas substrates using both chemical and rives yield rates which reduced antenna manufacturing of (EBC) deposition methods and combined materials,	nce, ent to eting osts.				
FY 2013 Plans:						
Demonstrate an advanced ceramic manufacturing process for the fa High Pressure Turbine (HPT) Shrouds for helicopter engines to redureliability; develop manufacturing processes for the use of direct met of complex components such as UAV turbine engine recuperators; dwhich will increase the reliability and performance of rotary engines for technique for high performance flexible airborne antenna substrates issues resulting in significantly increased yield and reduced cost per Assisted Chemical Vapor Deposition equipment and manufacturing pand amorphous carbon coatings for improved optical transmission for surface hardness, reduced friction, and increased wear performance	ice overall system weight and improve fuel consumptical laser sintering to reduce cost and increase performalemonstrate machining of rotary engine side seal group for UAV applications; demonstrate a chemical etching by using lay-up processes to reduce touch labor and missile; develop and demonstrate automated Plasma procedures for the application of nanocrystalline diamon infrared devices, improved corrosion resistance, income	on and lance				
FY 2014 Plans: Will develop machining, finishing and assembly processes for drive t transition an automated production system for applying nanocrystalli systems; will develop advanced manufacturing and repair processes effective repair of high-value drive shafts and power-train component	ne diamond and amorphous carbon coatings to Army for composite structures; will develop and demonstra	aviation				
Title: Ground Systems		Articles:	6.381 0	9.945 0	27.412	
<b>Description:</b> This effort funds manufacturing technology advances r tactical and combat vehicles and weapons systems. Work focuses o gun barrel life, insensitive propellants, precision munitions and vehic	n addressing challenges in areas such as advanced					
FY 2012 Accomplishments:  Developed aluminum oxide manufacturing processes for sintered Sp production using a sintered technique which lowers the cost from \$30.000.						

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Exhibit R-2A, RDT&E Project Justification: PB 2014 Army		DATE:			
APPROPRIATION/BUDGET ACTIVITY 2040: Research, Development, Test & Evaluation, Army BA 7: Operational Systems Development	R-1 ITEM NOMENCLATURE PE 0708045A: End Item Industrial Preparedness Activities	PROJE E25: MI	CT FG SCIENC	CE & TECH	
B. Accomplishments/Planned Programs (\$ in Millions, Article C	R-1 ITEM NOMENCLATURE PE 0708045A: End Item Industrial preparedness Activities  shments/Planned Programs (\$ in Millions, Article Quantities in Each)  Independent of high optical clarity Spinel armor plates up to 14 x 14 in size by using a sintered process to add; develop low cost production and assembly processes of complex passive kinetic energy armors for comb loit forming/forging/joining technologies to enable fabrication of a single under-body design of high perform is for a blast resistant lower hull and underbody kits for combat vehicle systems; develop explosive loading equiring no post-machining, inside warhead molding of insensitive munitions and fragment generating sleeved next generation cluster munitions; develop a manufacturing process to reduce the cost and time associat 10W liners for medium and large caliber Chromium free cannon barrels; develop initial manufacturing processors.  Instem successful application of Ta-10W liners for medium and small-caliber barrels through limited production or forming the reduced missile antenna manufacturing cost through limited production runs and delive technical data to the Cruise Missile Defense Systems Program Office for implementation on future missile at safer and more cost effective processes for loading explosives in the 120mm Advanced Multi-Purpose uppl limited production runs and will transition robust processes for the use of nano-particle field assisted si (FAST) to reduce variability and improve fragmentation and performance of warhead liners for the extende stem (EAPS) program; demonstrate a domestic production capability for producing Spinel powder materials ne production runs of sintered Spinel plates followed by integration of the Spinel plates into laminated trans for performance evaluation and production cost validation; will scale up manufacturing of low-cost alumi improve 3D weaving technologies to integrate ceramic tiles of varying thicknesses and demonstrate produpiece underbody armor solutions to meet objective threat level ballistic requ		FY 2012	FY 2013	FY 2014
processes and process controls to lower the cost, weight and mater armor.	rial flaws for low rate production of combat vehicle mod	ular			
size and cost; develop low cost production and assembly processes systems; exploit forming/forging/joining technologies to enable fabristrength alloys for a blast resistant lower hull and underbody kits for processes, requiring no post-machining, inside warhead molding of the EAPS and next generation cluster munitions; develop a manufal applying Ta-10W liners for medium and large caliber Chromium free	s of complex passive kinetic energy armors for combat ication of a single under-body design of high performan r combat vehicle systems; develop explosive loading insensitive munitions and fragment generating sleeves acturing process to reduce the cost and time associated e cannon barrels; develop initial manufacturing process	vehicle ce/ for with			
and evaluation of liner wear, will transition the Ta-10W liner applica demonstrate increased yield and reduced missile antenna manufact process and technical data to the Cruise Missile Defense Systems will demonstrate safer and more cost effective processes for loading munition through limited production runs and will transition robust ptechnologies (FAST) to reduce variability and improve fragmentatio protection system (EAPS) program; demonstrate a domestic productinitiate pilot line production runs of sintered Spinel plates followed by armor solutions for performance evaluation and production cost valid ceramic tiles, improve 3D weaving technologies to integrate ceramic large, single-piece underbody armor solutions to meet objective three process maturity for each technology through limited production runs of the content of the cont	tion process to Watervliet Arsenal for implementation; watering cost through limited production runs and deliver Program Office for implementation on future missile systy explosives in the 120mm Advanced Multi-Purpose rocesses for the use of nano-particle field assisted sintent and performance of warhead liners for the extended action capability for producing Spinel powder materials and integration of the Spinel plates into laminated transpation; will scale up manufacturing of low-cost aluminated tiles of varying thicknesses and demonstrate productionate level ballistic requirements, demonstrating manufacturing; develop mature manufacturing processes for utilizing ototyping and production times through rapid manufacturing	vill tems; ering area and rent -based on of turing g metal			
Title: Precision Munitions and Armament Systems  Description: The Precision Munitions and Armament Systems focus	us area consists of Advanced Weapon Systems, Fire C		9.699 0	6.568 0	0.000
Logistics, Emerging Technologies and Advanced Energetics and W Systems portfolio.	/arheads. Future efforts in this area are moved to the G	round			

PE 0708045A: End Item Industrial Preparedness Activities Army

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Exhibit R-2A, RDT&E Project Justification: PB 2014 Army			DATE:	April 2013	
APPROPRIATION/BUDGET ACTIVITY 2040: Research, Development, Test & Evaluation, Army BA 7: Operational Systems Development	R-1 ITEM NOMENCLATURE PE 0708045A: End Item Industrial Preparedness Activities		ROJECT 25: MFG SCIENCE & TECH		
B. Accomplishments/Planned Programs (\$ in Millions, Article Qu	uantities in Each)		FY 2012	FY 2013	FY 2014
FY 2012 Accomplishments:  Developed a manufacturing process for molding the frag-sleeve into Developed field assisted spark technology and embedded tungsten fram-hours and lower cost. Developed processes for residence time IMX 104 manufacturing process and transitioned to PM-CAS. Manufree cladding process for large and medium caliber gun barrels. Developed process for large and medium caliber gun barrels. Developed process for large and medium caliber gun barrels. Developed process for large and medium caliber gun barrels. Developed process for large and medium caliber gun barrels. Developed process for large and medium caliber gun barrels. Developed process for large and medium caliber gun barrels.	fragment molding processes which will reduce product, temperature, agitation rate and order of feeds to optifactured a crown breach design using a hexavalent characteristic and temperature bore coat in improvements, billet fabrication and warhead ca	rion mize romium ing			
FY 2013 Plans:  Develop the manufacturing process to reduce the cost and time association Chromium free cannon barrels. Develop explosive loading process to reduce the cost and time association caliber Chromium free cannon barrels.	rocesses, requiring no post-machining, inside warhead				
Title: Command, Control, Communications and Intelligence Systems		Articles:	18.419 0	20.465 0	13.756
<b>Description:</b> This effort funds manufacturing technology advances r intelligence, surveillance, reconnaissance and targeting sytems, miss Explosive Device detect/defeat systems. Work focuses on addressin plane arrays, flexible displays, night vision sensors, target detectors,	sion command systems, electronic warfare and improving challenges in areas such as large format multi-colo	/ed			
FY 2012 Accomplishments:  Developed a production capacity for low cost, very large, affordable in materials. Improved HgCdTe pilot lines by increasing the diameters for FPA production. Developed single-layer crystal yield and demonstrates. Reduced propagate density and decreased surface Manufactured the final components package, demonstrated limited pegan transition to Air Force GPS Wing and PEO C3T. Developed fintegrated flexible display pilot production line for demonstrations to vision sensor optimization to reduce costs and increase reliability fro	of substrates and reduce material waste, decreasing of strated improved polishing processes for more uniform a roughness of FPA substrate and transition to PEO. Production of chip scale atomic clock power sources as full color organic light emitting diodes (OLEDS) from a system integrators. Manufactured processing station	costs ned nd fully			
FY 2013 Plans: Optimize the production of the Automated Exhaust Station (AES) to photocathode response for improved low-light-level sensor performation focal plane array (FPA) wafers, improving yield and small pixel process.	nce; demonstrate lot-sized production of 200 and 325				

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PE 0708045A: End Item Industrial Preparedness Activities Page 6 of 10 R-1 Line #185 Army

R-1 ITEM NOMENCLATURE	PROJEC			
PE 0708045A: End Item Industrial	E25: <i>MF</i>	G SCIENC	E & TECH	
Preparedness Activities				
antities in Each)		FY 2012	FY 2013	FY 2014
, ,	·			
. •	-			
oddellon line for 0.4-12 inch diagonal flexible displays	10			
or over multiple production runs; will demonstrate				
	I			
cturing processes for reducing the cost and improving				
		F 044	0.000	0.00
A	ticles:	5.011	0.000	0.00
Control, Communications and intelligence Systems pol	tiolio.			
demonstrators to system integrators.				
_		3.386	3.966	6.50
Ai	ticles:	0	0	
	nt;			
naterials for body affilor.				
·	labla			
body armor system.	ing of			
-				
	I			
	improved yield for affordable high definition, multi-band division systems; demonstrate lot-sized production of a lefects and improving contrast ratio for wide area cover oduction line for 6.4-12 inch diagonal flexible displays for over multiple production runs; will demonstrate crease growth, processing and hybridization yields and cturing processes for reducing the cost and improving the cost and improving demonstrators to system integrators.  Are deded for more affordable components and subsystems and fabrics for shelters, uniforms and portage equipmental fabrics for shelters, uniforms and portage equipmentaterials for body armor.  and improved dispersion of the resins to increase rs. Fabricated and demonstrated multiple 600 ft tent ents. Developed new generation of scalable and afford tacked tooling which reduces costs for bulk manufacture.	improved yield for affordable high definition, multi-band, d vision systems; demonstrate lot-sized production of 49 lefects and improving contrast ratio for wide area coverage oduction line for 6.4-12 inch diagonal flexible displays to or over multiple production runs; will demonstrate crease growth, processing and hybridization yields and cturing processes for reducing the cost and improving  **Articles:** Control, Communications and Intelligence Systems portfolio.**  **Bedded for more affordable components and subsystems coldier-borne sensors, clothing and protective equipment. The process of the resins to increase and improved dispersion of the resins to increase and improved dispersion of the resins to increase and improved dispersion of scalable and affordable tacked tooling which reduces costs for bulk manufacturing of	improved yield for affordable high definition, multi-band, d vision systems; demonstrate lot-sized production of 49 lefects and improving contrast ratio for wide area coverage oduction line for 6.4-12 inch diagonal flexible displays to over multiple production runs; will demonstrate crease growth, processing and hybridization yields and cturing processes for reducing the cost and improving  Articles:  Control, Communications and Intelligence Systems portfolio.  Demonstrators to system integrators.  Articles:  Output  Art	improved yield for affordable high definition, multi-band, d vision systems; demonstrate lot-sized production of 49 lefects and improving contrast ratio for wide area coverage oduction line for 6.4-12 inch diagonal flexible displays to are over multiple production runs; will demonstrate crease growth, processing and hybridization yields and cturing processes for reducing the cost and improving  Articles:  Control, Communications and Intelligence Systems portfolio.  Articles:  Articles:  Articles:  O  ceded for more affordable components and subsystems soldier-borne sensors, clothing and protective equipment, anal fabrics for shelters, uniforms and portage equipment; naterials for body armor.  and improved dispersion of the resins to increase rs. Fabricated and demonstrated multiple 600 ft tent ents. Developed new generation of scalable and affordable tacked tooling which reduces costs for bulk manufacturing of

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PE 0708045A: End Item Industrial Preparedness Activities Page 7 of 10 R-1 Line #185 Army

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Exhibit R-2A, RDT&E Project Justification: PB 2014 Army			DATE:	April 2013	
APPROPRIATION/BUDGET ACTIVITY 2040: Research, Development, Test & Evaluation, Army BA 7: Operational Systems Development	R-1 ITEM NOMENCLATURE PE 0708045A: End Item Industrial Preparedness Activities	PROJEC E25: MF		E & TECH	
B. Accomplishments/Planned Programs (\$ in Millions, Article Q	uantities in Each)		FY 2012	FY 2013	FY 2014
Complete the manufacturing of T6 laminate at 14oz/yd2 for Low Rat demonstrate the low rate initial production (LRIP) process for lightwe solution; demonstrate low-cost rapid prototyping and injection molding	e Initial Production of shelter fabric; complete and eight x-SAPI plates for a flexible hybridized body armo				
FY 2014 Plans: Will demonstrate mature manufacturing processes supporting the properties body armor and transition process data to PM SPIE for procurement of developing and producing advanced field medical systems; will dematerials to reduce the weight and increase the performance of Solo	t; will develop manufacturing processes to reduce the evelop novel processing techniques for utilizing advan	cost			
Title: Advanced Manufacturing Initiatives		Articles:	3.079	5.852	4.468
<b>Description:</b> This effort funds manufacturing technology advances is centric manufacturing data environments, collaborative manufacturing technologies. Work focuses on addressing challenges in areas such digital manufacturing capabilities to depots and laboratories, process and advanced laser manufacturing techniques for repairing components.	ng modeling and simulation, and advanced manufactures as 3D technical data packages for armor systems; proses and models for data transfer and prototype productions.	ring oviding			
FY 2012 Accomplishments:  Developed fully annotated 3D digital technical data packages (TDP) used in design and manufacturing production lines. Supported the crefit and rebuild operations. Developed advanced manufacturing en	ligital capabilities to depots and labs to facilitate integ				
FY 2013 Plans: Integrate depot planning and rebuild operations within a 3Dimension (International specification for technical publications utilizing a Comridentify Type 1 NSNs to link with the 3D TDPs; develop processes a production within a collaborative environment.	non Source Database), manuals and work instruction				
FY 2014 Plans: Will transition process for developing and using Digital Work Instruct will demonstrate the use of MIL-STD-31000 for weapon system process manufacturing planning and machining technologies at select Army	luction data management; will demonstrate integration				
	Accomplishments/Planned Programs S	ubtotals	57.607	59.908	56.136

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PE 0708045A: End Item Industrial Preparedness Activities Page 8 of 10 R-1 Line #185 Army

Exhibit R-2A, RDT&E Project Justification: PB 2014 Army		DATE: April 2013
APPROPRIATION/BUDGET ACTIVITY	R-1 ITEM NOMENCLATURE	PROJECT
2040: Research, Development, Test & Evaluation, Army	PE 0708045A: End Item Industrial	E25: MFG SCIENCE & TECH
BA 7: Operational Systems Development	Preparedness Activities	
C. Other Program Funding Summary (\$ in Millions)		
N/A		
Remarks		
Not applicable for this item.		
D. Acquisition Strategy		
Not applicable for this item.		
E. Performance Metrics		
Performance metrics used in the preparation of this justification ma	aterial may be found in the FV 2010 Army Performan	ace Budget Justification Book, dated May 2010
r chambands mounds dood in the proparation of the justimouten in	atonar may be really in the first 2010 filmy from an	to Budget bustimoution Book, dated may 2010.

PE 0708045A: *End Item Industrial Preparedness Activities* Army

Exhibit R-3, RDT&E Project Cost Analysis: PB 2014 Army

**Project Cost Totals** 

0.000

57.607

DATE: April 2013

0.000

APPROPRIATION/BUDGET ACTIVITY

R-1 ITEM NOMENCLATURE

**PROJECT** 

2040: Research, Development, Test & Evaluation, Army

PE 0708045A: End Item Industrial

56.136

E25: MFG SCIENCE & TECH

56.136

BA 7: Operational Systems Development

Preparedness Activities

Product Developmen	nt (\$ in Mi	illions)		FY 2	2012	FY 2	2013	FY 2 Ba	-	FY 2		FY 2014 Total			
Cost Category Item	Contract Method & Type	Performing Activity & Location	All Prior Years	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Cost To Complete	Total Cost	Target Value of Contract
TBD	TBD	TBD:TBD	0.000	57.607	Mar 2013	59.908		56.136	Mar 2014	-		56.136	Continuing	Continuing	Continuing
		Subtotal	0.000	57.607		59.908		56.136		0.000		56.136			
			All Prior Years	FY 2	2012	FY 2	2013	FY 2 Ba		FY 2		FY 2014 Total	Cost To	Total Cost	Target Value of Contract

59.908

**Remarks** 

PE 0708045A: End Item Industrial Preparedness Activities
Army

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