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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 / BA 5: System Development & Demonstration (SDD)					R-1 Program Element (Number/Name) PE 0604715A / Non-System Training Devices - Eng Dev							
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	-	40.470	18.971	8.945	-	8.945	35.311	42.052	27.123	22.740	Continuing	Continuing
241: Nstd Combined Arms	-	35.385	15.933	5.860	-	5.860	32.335	39.052	24.227	19.768	Continuing	Continuing
573: Program Executive Office Simulation, Training Spt	-	5.085	3.038	3.085	-	3.085	2.976	3.000	2.896	2.972	Continuing	Continuing
# The FY 2015 OCO Request will be submitted at a later date.												
Note Funds were realigned to higher priority requirements.												
A. Mission Description and Budget Item Justification Program Element funds development of Non-System Training Devices to support force-on-force training at the Combat Training Centers (CTC), general military training, and training on more than one item/system, as compared with system devices which are developed in support of a specific item/weapon system. Training devices and training simulations contribute to the modernization of the forces by enabling and strengthening combat effectiveness through realistic training solutions for the Warfighter. Training devices maximize the transfer of knowledge, skills, and experience from the training situation to a combat situation. Force-on-force training at the National Training Center (NTC), Ft. Irwin, CA; Joint Readiness Training Center (JRTC), Ft. Polk, LA, and Joint Multinational Readiness Center (JMRC), formerly the Combat Maneuver Training Center (CMTTC), Hohenfels, Germany; and battle staff training in Battle Command Training Program (BCTP) provide increased combat readiness through realistic collective training in low, mid, and high intensity scenarios. Project 241, Non-System Training Devices-Combined Arms, develops simulation training devices for Army-wide use, including the CTCs. Project 573 funds key organizational support to Army/DoD Transformation via innovative simulation and training device efforts. Program Executive Office (PEO) Simulation, Training and Instrumentation (STRI's) unique geographic co-location with other services facilitates joint training solutions in a common environment. FY 2015 Project 241 funds significant development efforts on the Combat Training Center Instrumentation Systems (CTC-IS), Home Station Instrumentation Training System (HITS), and Live, Virtual, Constructive Integrating Architecture (LVC-IA). FY 2015 Project 573 will provide for minimum PEO STRI core operations supporting development of training devices and simulations by PEO STRI's four Project Management Offices.												

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B. Program Change Summary (\$ in Millions)	FY 2013	FY 2014	FY 2015 Base	FY 2015 OCO	FY 2015 Total
Previous President's Budget	44.787	18.980	32.481	-	32.481
Current President's Budget	40.470	18.971	8.945	-	8.945
Total Adjustments	-4.317	-0.009	-23.536	-	-23.536
• Congressional General Reductions	-0.059	-			
• Congressional Directed Reductions	-	-			
• Congressional Rescissions	-	-			
• Congressional Adds	-	-			
• Congressional Directed Transfers	-	-			
• Reprogrammings	-	-			
• SBIR/STTR Transfer	-1.130	-			
• Adjustments to Budget Years	-0.007	-0.009	-23.536	-	-23.536
• Sequester Adjustments	-3.121	-	-	-	-

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Appropriation/Budget Activity 2040 / 5					R-1 Program Element (Number/Name) PE 0604715A / Non-System Training Devices - Eng Dev				Project (Number/Name) 241 / Nstd Combined Arms			
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
241: Nstd Combined Arms	-	35.385	15.933	5.860	-	5.860	32.335	39.052	24.227	19.768	Continuing	Continuing
Quantity of RDT&E Articles	-	-	-	-	-	-	-	-	-	-		
# The FY 2015 OCO Request will be submitted at a later date.												
A. Mission Description and Budget Item Justification												
Common Training Instrumentation Architecture (CTIA) provides the common product-line architecture, product line software, standards, services, and architecture framework for developing the Live Training Transformation (LT2) Product Line of live training systems supporting Army-wide live instrumented Force-On-Force (FOF) and Force-On-Target (FOT) training requirements and is the core live architecture for the Live, Virtual, Constructive Integrated Training Environment (LVC-ITE).												
Combat Training Center Instrumentation System (CTC-IS) funds the continued development of the existing Instrumentation Systems (IS) at the National Training Center (NTC), Joint Readiness Training Center (JRTC) and Joint Multinational Readiness Center (JMRC). Also, CTC-IS funds the continued development of the Range Communication System at the NTC and JRTC, to provide high-fidelity live, virtual, and constructive brigade training rotations which prepare Brigade Combat Teams, Joint partners, and supporting units to deploy in support of Army Force Generation (ARFORGEN). CTC-IS develops new data communications systems increasing tracking accuracy and coverage at the CTCs to provide greater training fidelity to training units.												
The Home Station Instrumentation Training System (HITS) provides a high-fidelity deployable instrumented training capability to support platoon thru battalion level Live Force-on-Force Training. HITS tracks location of soldiers and vehicles and simulates weapons' effects and engagements, allowing units to "Train as they Fight" against live opponents. HITS provides accurate feedback to training units. HITS consists of light deployable components that can be rapidly assembled/disassembled and transported to support deployed training. HITS integrates with future and legacy MILES. HITS is a member of the Live Training Transformation (LT2) family of training systems and shares several hardware and software components with the Instrumentation Systems (IS). HITS provides the Live domain for Live-Virtual-Constructive (LVC) training integration.												
The Medical Simulation Training Center (MSTC) provides realistic medical training to both medical and non-medical Soldiers in the Active, Reserve, and National Guard. MSTCs provide hands-on instruction on the latest battlefield trauma and critical care techniques based on Army Medical Department (AMEDD) approved performance oriented Program of Instruction (POI). Medical treatment validation exercises simulate the high stress of performing medical interventions in combat. MSTC supports Unit Medical Readiness by validating Combat Medic (68W) Emergency Medical Technician (EMT) biennial recertification requirements and to provide Combat Lifesaver (CLS) training to non-medical Soldiers.												
The Engagement Skills Trainer (EST) is a virtual, small arms, marksmanship training simulator for teams and squads with a standard mix of light, heavy and crew-served weapons used in Overseas Contingency Operations (OCO) and support of Unified Land Operations (ULO). The EST provides training for individual marksmanship, small unit collective gunnery skills and tactical training. It incorporates judgmental use of force, including escalation of force and graduated response scenarios. As the only validated and accredited virtual small arms training system, the EST is a critical element of the U.S. Army's gated marksmanship training strategy.												

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The Live, Virtual, Constructive Integrating Architecture (LVC-IA) provides a net-centric linkage that collects, retrieves and exchanges data among existing Training Aids, Devices, Simulations, and Simulators (TADSS) and Mission Command Systems (Joint and Army). The LVC-IA defines the "how" information is exchanged among the different LVC domains and the Mission Command Systems. The LVC-IA provides enterprise level tools for exercise control, after action review, and system information assurance. It also provides hardware and software to interface the different Live, Virtual and Constructive communication protocols and provides a correlated common operating picture for the training audience on their organic Mission Command equipment. The integration of the Live, Virtual, and Constructive TADSS with the Mission Command equipment will enable larger, more robust training events better preparing U.S. Soldiers for their missions at an overall reduced cost. The end-state goal is to enable an LVC Integrated Training Environment that can approximate Operational Environments in a cost effective manner to provide a high level of value-added training and mission rehearsal opportunities to Army Commanders and their Soldiers. Comprehensive Soldier & Family Fitness (CSF2) is research and development efforts that include Future Soldier Assessment Tool (DASH-R) Project, Global Assessment Tool (GAT) 3.0 Project, and Program Evaluation (PE) Project. FY 2015 Project 241 funds significant development efforts on the Combat Training Center Instrumentation Systems (CTC-IS), Home Station Instrumentation Training System (HITS), Live, Virtual, Constructive Integrating Architecture (LVC-IA), and Comprehensive Soldier & Family Fitness (CSF2).				
B. Accomplishments/Planned Programs (\$ in Millions, Article Quantities in Each)		FY 2013	FY 2014	FY 2015
Title: Engineering and Manufacturing Development (EMD) phase contract activity for the Common Training Instrumentation Architecture (CTIA) program. Articles: Description: Continue EMD phase contract activities for the CTIA program to provide the common architecture capabilities. FY 2013 Accomplishments: Continued development of CTIA to provide the common architecture capabilities that are essential for development, fielding, technology and capability insertion for Live Training Systems (LTS) to include: the Combat Training Centers-Instrumentation Systems (CTC-IS), Integrated Military Operations in Urbanized Terrain Training System (IMTS), Home Station Instrumentation Systems (HITS), Digital Ranges Training System (DRTS) training instrumentation programs and the Live, Virtual, Constructive-Integrated Training Environment (LVC-ITE) interoperability initiatives. FY 2014 Plans: Continue development of CTIA to provide the common architecture capabilities that are essential for development, fielding, technology and capability insertion for Live Training Systems (LTS) to include: the Combat Training Centers-Instrumentation Systems (CTC-IS), Integrated Military Operations in Urbanized Terrain Training System (IMTS), Home Station Instrumentation		1.635	0.872	-
		-	-	-

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B. Accomplishments/Planned Programs (\$ in Millions, Article Quantities in Each)		FY 2013	FY 2014	FY 2015
Systems (HITS), Digital Ranges Training System (DRTS) training instrumentation programs and the Live, Virtual, Constructive-Integrated Training Environment (LVC-ITE) interoperability initiatives.				
Title: Engineering and Manufacturing Development (EMD) phase contract activity for the Combat Training Center Instrumentation System (CTC-IS). Articles: Description: Continue EMD phase contract activities for the CTC-IS. FY 2013 Accomplishments: Combat Training Center Instrumentation System (CTC-IS) funded the continued development of the existing Instrumentation Systems (IS) at the National Training Center (NTC), Joint Readiness Training Center (JRTC) and Joint Multinational Readiness Center (JMRC). Funding is also being used to develop a common Range Communications System (RCS) that can be implemented at all three Combat Training Centers for increased entity tracking coverage and accuracy in order to increase After Action Review fidelity for Brigade Combat Team rotations to better prepare units for deployment. FY 2014 Plans: Combat Training Center Instrumentation System (CTC-IS) will fund the continued development of the existing Instrumentation Systems (IS) at the National Training Center (NTC), Joint Readiness Training Center (JRTC) and Joint Multinational Readiness Center (JMRC). Funding will be used to develop a common Range Communications System (RCS) that can be implemented at all both NTC and JRTC for increased entity tracking coverage and accuracy in order to increase After Action Review fidelity for Brigade Combat Team rotations to better prepare units for deployment. FY 2015 Plans: Combat Training Center Instrumentation System (CTC-IS) will fund the continued development of the existing Instrumentation Systems (IS) at the National Training Center (NTC), Joint Readiness Training Center (JRTC) and Joint Multinational Readiness Center (JMRC). Funding will be used to develop a common Range Communications System (RCS) that can be implemented at all both NTC and JRTC for increased entity tracking coverage and accuracy in order to increase After Action Review fidelity for Brigade Combat Team rotations to better prepare units for deployment.		13.537 -	2.560 -	2.918 -
Title: Government Program Management for the Combat Training Center Instrumentation System (CTC-IS) program. Articles: Description: Government Program Management for the CTC IS program. FY 2013 Accomplishments:		1.299 -	1.343 -	1.302 -

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B. Accomplishments/Planned Programs (\$ in Millions, Article Quantities in Each)		FY 2013	FY 2014
Program Management for the Combat Training Center Instrumentation System (CTC-IS) program.			
FY 2014 Plans: Program Management for the Combat Training Center Instrumentation System (CTC-IS) program.			
FY 2015 Plans: Program Management for the Combat Training Center Instrumentation System (CTC-IS) program.			
Title: Engineering and Manufacturing Development (EMD) phase contract activity for the Homestation Instrumentation Training System (HITS) program.		0.937	-
Articles:		-	-
Description: EMD phase contract activities for the HITS program.			
FY 2013 Accomplishments: Integrated, and tested Synthetic Environment Core (SE Core) into the Home Station Instrumentation Training System (HITS) Exercise Control (EXCON) to establish a common terrain database among all components within the Live, Virtual, and Constructive Integrated Training Environment. The HITS Capabilities Production Document (CPD) requires the integration of SECore. Developed, integrated, and tested the OneTESS Mortar interface with the HITS EXCON to expand the scope of provided instrumentated training to mortar teams and platoons.			
FY 2015 Plans: Integrate and test the interface between HITS and latest versions of the Live, Virtual, and Constructive Integrating Architecture to sustain the Integrated Training Environment (ITE) at Home Stations. Develop, integrate, and test the interfaces with new versions of TESS and upgrades to existing fielded I-MILES.			
Title: Engineering and Manufacturing Development (EMD) phase contract activity for the Medical Simulation Training Center (MSTC).		1.007	-
Articles:		-	-
Description: EMD phase contract activities for the MSTC program.			
FY 2013 Accomplishments: Development of the Medical Training Command and Control (MT-C2) to incorporate the management of a remote training platform. Enhancement of Virtual Patient System (VPS) Airway Management Trainer to implement chest tube and needle chest decompression, along with normal and abnormal anatomical variations and injuries. Enhancement of VPS Intravenous (IV) Arm to improve the realism of simulated human tissues and incorporate detailed task analysis of the IV insertion training.			
Title: Government Program Management for the Medical Simulation Training Center (MSTC) program.		-	0.075
			-

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B. Accomplishments/Planned Programs (\$ in Millions, Article Quantities in Each)			FY 2013	FY 2014	FY 2015
Articles: Description: Government Program Management for the MSTC program. FY 2014 Plans: Research management costs associated with Instructor Support System (ISS) development efforts for the FY14 Medical Simulation Training Center (MSTC) program.			-	-	-
Title: Engineering and Manufacturing Development (EMD) phase contract activity for the Engagement Skills Trainer (EST) program. Articles: Description: EMD phase contract activities for the Engagement Skills Trainer (EST) program. FY 2013 Accomplishments: Integrated an EST prototype of the AN/PEQ 15-A Laser Aiming Device. The AN/PEQ 15-A offers exceptional functionality in the field for maximum visibility. Operators can easily switch between the visible laser, IR laser, IR illuminator or a combination of both laser and illuminator. Ideal for special operations or covert missions, the DBAL-A2 ensures performance in the toughest conditions and situations. Fielded in Iraq, Afghanistan and by multiple law enforcement agencies, the DBAL-A2 is setting a higher standard for aiming lasers. EST prototyping of the M145 Machine Gun Optic. The M145 Machine Gun Optic (MGO), a variant of the C79 optical scope, is a small arms scope manufactured by ELCAN Optical Technologies with 3.4x28 magnification. It was developed for the U.S. Army and is commonly mounted on M240 and M249 machine guns. The reticle is illuminated by a battery-powered LED with varying intensity settings. FY 2014 Plans: Develop EST Dynamic Terrain to accurately portray all battlefield effects, in accordance with the Contemporary Operating Environment (COE), across the full range of military operations including: friendly and enemy forces and their doctrine, tactics, techniques and procedures; all military recognized terrain; atmospheric and weather conditions; specific enemy and friendly vehicles and equipment; dynamic, correlated terrain; the effects of munitions on personnel, vehicles, structures; and develop prior years efforts (weapons, optics, etc). Develop enhanced capabilities in accordance with the capability manager's priorities.			0.609 -	0.800 -	- -
Title: Live, Virtual, Constructive Integrating Architecture (LVC-IA) Engineering and Manufacturing Development (EMD) phase contract activity. Articles: Description: Continue EMD phase contract activities for the LVC-IA program. FY 2013 Accomplishments:			6.036 -	6.207 -	- -

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B. Accomplishments/Planned Programs (\$ in Millions, Article Quantities in Each)			FY 2013	FY 2014	FY 2015
Began system development and performed design, development, integration and demonstration of the Live, Virtual, Constructive Integrating Architecture (LVC-IA) Version 2 capability.					
FY 2014 Plans: Complete system development, integration and demonstration of the Live, Virtual, Constructive Integrating Architecture (LVC-IA) Version 2 capability.					
Title: Government Program Management for the Live, Virtual, Constructive Integrating Architecture (LVC-IA) Program. Articles:			1.127 -	1.240 -	0.939 -
Description: Government Program Management for the LVC-IA Program. FY 2013 Accomplishments: Program Management for the LVC-IA Program. FY 2014 Plans: Program Management for the LVC-IA Program. FY 2015 Plans: Program Management for the LVC-IA Program.					
Title: Live, Virtual, Constructive Integrating Architecture (LVC-IA) Program Government System Test and Evaluation. Articles:			0.961 -	1.000 -	- -
Description: Government System Test and Evaluation for the LVC-IA Program. FY 2013 Accomplishments: LVC-IA continued to test support on the engineering and manufacturing development phase for Version 2. The program supported integration testing on developed components for LVC-IA with other Mission Command Systems and LVC Training Aids. Conducted federation integration event (FIE) and functional verification (FV) events for LVC-IA. FY 2014 Plans: LVC-IA continues integration testing support on developed components for LVC-IA for interoperability with TADSS and other Mission Command Systems. LVC-IA will conduct Federation Integration, Functional Verification and system measurement of performance (SMP) events, complete Test Readiness Review (TRR) and Government Acceptance Testing for Version 2.					
Title: Engineering and Manufacturing Development (EMD) phase contract activity for the Target Modernization program. Articles:			1.059 -	- -	- -
Description: EMD phase contract activities for the Target Modernization program.					

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Appropriation/Budget Activity 2040 / 5		R-1 Program Element (Number/Name) PE 0604715A / Non-System Training Devices - Eng Dev	Project (Number/Name) 241 / Nstd Combined Arms		
B. Accomplishments/Planned Programs (\$ in Millions, Article Quantities in Each)			FY 2013	FY 2014	FY 2015
FY 2013 Accomplishments: Target Modernization completed development of target system technologies which provide enhanced realism (look and behavior), threat/friend identification, and training performance feedback mechanisms.					
Title: Government Program Management for the Target Modernization program.			0.163	-	-
Articles:			-	-	-
Description: Government Program Management for Target Modernization.					
FY 2013 Accomplishments: Program Management for the Target Modernization program.					
Title: Engineering and Manufacturing Development (EMD) phase contract activity for the One Tactical Engagement Simulation System (OneTESS) program.			6.676	1.494	-
Articles:			-	-	-
Description: Continue EMD phase contract activities for the OneTESS program					
FY 2013 Accomplishments: Completed prep for IOT&E Increment I.					
FY 2014 Plans: Perfrom Operational Test, complete procurement of Technical Data Package (TDP).					
Title: Government Program Management for the One Tactical Engagement Simulation System (OneTESS) program.			0.339	0.342	-
Articles:			-	-	-
Description: Government Program Management for the One Tactical Engagement Simulation System (OneTESS) program.					
FY 2013 Accomplishments: Government Program Management for the One Tactical Engagement Simulation System (OneTESS) program.					
FY 2014 Plans: Government Program Management for the OneTactical Engagement Simulation System (OneTESS) program.					
Title: Comprehensive Soldier & Family Fitness (CSF2)			-	-	0.598
Description: Comprehensive Soldier & Family Fitness (CSF2), the Army community's premier resilience and health training program.					

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B. Accomplishments/Planned Programs (\$ in Millions, Article Quantities in Each)										FY 2013	FY 2014	FY 2015
<i>FY 2015 Plans:</i> Developing, testing, and implementing a variety of psychometric instruments administered on an electronic world-wide delivery platform; evaluation of CSF2 training effectiveness at influencing objective outcomes in the health and work performance domains; applying advanced statistical analysis techniques to emerging human subjects problems identified by the Army senior leadership (e.g., suicide, violent crime, sexual assault / harassment, etc).												
Accomplishments/Planned Programs Subtotals										35.385	15.933	5.860
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	
• Training Devices, Non-System: <i>Training Devices, Non-System</i>	135.350	163.433	101.295	-	101.295	249.625	231.020	228.943	255.168	Continuing	Continuing	
• CTC Support: <i>CTC Support</i>	104.511	121.710	65.062	-	65.062	83.273	77.616	106.763	52.427	Continuing	Continuing	
Remarks												
D. Acquisition Strategy												
Competitive development efforts based on performance specifications.												
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 / 5						R-1 Program Element (Number/Name) PE 0604715A / Non-System Training Devices - Eng Dev				Project (Number/Name) 241 / Nstd Combined Arms					
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
OneTESS Program Management	Various	PEO STRI : Orlando, FL	8.046	-		-		-		-		-	-	8.046	8.046
OneTESS Program Management	Various	PEO STRI, : Orlando, FL	1.414	0.339	Dec 2012	0.342	Feb 2014	-		-		-	-	2.095	2.095
CTC-IS Program Management	Various	PEO STRI : Orlando, FL	1.421	1.299	Dec 2012	1.343	Mar 2014	1.302	Mar 2015	-		1.302	Continuing	Continuing	Continuing
HITS Program Management	Various	PEO STRI : Orlando, FL	0.400	-		-		-		-		-	-	0.400	0.400
MSTC Program Management	Various	PEO STRI : Orlando, FL	0.382	-		0.075		-		-		-	Continuing	Continuing	Continuing
EST Program Management	Various	PEO STRI : Orlando, FL	0.214	-		-		-		-		-	-	0.214	-
LVC-IA Program Management	Various	PEO STRI : Orlando, FL	3.166	1.127	Dec 2012	1.240	Dec 2013	0.939	Dec 2014	-		0.939	Continuing	Continuing	Continuing
Target Modernization	Various	PEO STRI : Orlando, FL	0.451	0.163	Dec 2012	-		-		-		-	-	0.614	0.614
ETC-IS Program Management	Various	PEO STRI : Orlando, FL	0.164	-		-		-		-		-	-	0.164	0.164
CSF2	TBD	Multiple : Various	0.000	-		-		0.160		-		0.160	Continuing	Continuing	-
Subtotal			15.658	2.928		3.000		2.401		-		2.401	-	-	-
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
OneTESS	SS/CPFF	General Dynamics : Fairfax, VA	124.769	-		-		-		-		-	-	124.769	124.769
CTIA	SS/CPFF	TBS : TBS	1.585	-		-		-		-		-	-	1.585	1.585
OneTESS	SS/CPFF	General Dynamics C4 Systems : Orlando, FL 32826	3.278	6.676	Dec 2012	0.494	Nov 2013	-		-		-	-	10.448	10.448

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Appropriation/Budget Activity 2040 / 5						R-1 Program Element (Number/Name) PE 0604715A / Non-System Training Devices - Eng Dev				Project (Number/Name) 241 / Nstd Combined Arms					
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
CTIA	C/CPFF	Lockheed Martin Inc. : Orlando, FL	57.091	-		-		-		-		-	-	57.091	57.091
CTIA	C/CPFF	General Dynamics C4 Systems : Orlando, FL	3.177	1.096	Dec 2012	0.325	Mar 2014	-		-		-	-	4.598	4.598
CTC-IS	C/FFP	Northrop Grumman Technical Services : Herndon, VA	13.466	13.537	Jul 2013	2.560	Mar 2014	2.918	Mar 2015	-		2.918	Continuing	Continuing	Continuing
HITS	C/FFP	Riptide : Orlando, FL	1.379	-		-		-		-		-	-	1.379	1.379
HITS	C/IDIQ	General Dynamics C4 Systems : Orlando, FL 32826	0.688	0.937	May 2013	-		-		-		-	-	1.625	1.625
HITS	C/FFP	TBS : TBS	0.000	-		-		0.103	Jun 2015	-		0.103	Continuing	Continuing	Continuing
MSTC Development	C/FP	Multiple : Various	2.027	1.007	Apr 2014	-		-		-		-	Continuing	Continuing	Continuing
EST Development	SS/FP	TBD : Various	1.528	-		-		-		-		-	Continuing	Continuing	Continuing
EST PEQ-15A	C/FP	TBS : TBD	0.000	0.609	Jun 2014	-		-		-		-	-	0.609	-
EST Enhanced Capabilities	C/FFP	TBS : TBD	0.000	-		0.800	Apr 2014	-		-		-	-	0.800	-
LVC-IA Development	C/CPAF	Cole Engineering Services, Inc : Various	17.206	6.036	Jun 2013	6.207	Jun 2014	-		-		-	Continuing	Continuing	Continuing
Target Modernization	C/CPFF	General Dynamics C4 Systems : Orlando, FL	3.668	1.003	Dec 2012	-		-		-		-	-	4.671	4.671
Congressional Add Center of Excellence for Military Operations in Urban Terrain and Cultural Trn	C/FP	Multiple : Various	2.996	-		-		-		-		-	-	2.996	2.996
ETC-IS	SS/CPFF	General Dynamics C4 Systems : Orlando, FL 32826	4.836	-		-		-		-		-	-	4.836	4.836
CSF2	TBD	Multiple : Various	0.000	-		-		0.020		-		0.020	Continuing	Continuing	-

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Exhibit R-3, RDT&E Project Cost Analysis: PB 2015 Army												Date: March 2014			
Appropriation/Budget Activity 2040 / 5						R-1 Program Element (Number/Name) PE 0604715A / Non-System Training Devices - Eng Dev				Project (Number/Name) 241 / Nstd Combined Arms					
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
Subtotal			237.694	30.901		10.386		3.041		-		3.041	-	-	-
Support (\$ 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
OneTESS	Various	Various : Orlando, FL	6.596	-		-		-		-		-	-	6.596	6.596
OneTESS	Various	Various : Various	0.262	-		-		-		-		-	-	0.262	0.262
CTIA	Various	Various : Various	11.758	0.539	Dec 2012	0.547	Mar 2014	-		-		-	-	12.844	12.844
Target Modernization	Various	Various : Various	0.136	0.056	Dec 2012	-		-		-		-	-	0.192	0.192
CSF2	TBD	Multiple : Various	0.000	-		-		0.070		-		0.070	Continuing	Continuing	-
Subtotal			18.752	0.595		0.547		0.070		-		0.070	-	-	19.894
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
OneTESS Development & Test	Various	Multiple : Orlando, FL	4.162	-		-		-		-		-	-	4.162	4.162
OneTESS Test Support	Various	Multiple : Orlando, FL	0.280	-		1.000	Feb 2014	-		-		-	-	1.280	1.280
HITS	Various	Various : Orlando, FL	0.740	-		-		-		-		-	-	0.740	0.740
LVC-IA Test Support	Various	Multiple : Orlando, FL	2.208	0.961	Dec 2012	1.000	Apr 2014	-		-		-	Continuing	Continuing	Continuing
IEDES	Various	Multiple : Orlando, FL	0.519	-		-		-		-		-	-	0.519	0.519
CSF2	TBD	Multiple : Various	0.000	-		-		0.348		-		0.348	Continuing	Continuing	-
Subtotal			7.909	0.961		2.000		0.348		-		0.348	-	-	-

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Exhibit R-3, RDT&E Project Cost Analysis: PB 2015 Army										Date: March 2014			
Appropriation/Budget Activity 2040 / 5					R-1 Program Element (Number/Name) PE 0604715A / <i>Non-System Training Devices - Eng Dev</i>					Project (Number/Name) 241 / <i>Nstd Combined Arms</i>			
	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	280.013	35.385		15.933		5.860		-		5.860	-	-	-
Remarks													

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Exhibit R-4, RDT&E Schedule Profile: PB 2015 Army			Date: March 2014		
Appropriation/Budget Activity 2040 / 5		R-1 Program Element (Number/Name) PE 0604715A / <i>Non-System Training Devices - Eng Dev</i>			Project (Number/Name) 241 / <i>Nstd Combined Arms</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
OneTESS Development																												
CTC IS Development																												
HITS Development																												
MSTC MT-C2 Development																												
MSTC Virtual Patient System Developments																												
MSTC Trainer Developments																												
EST PEQ-15A																												
EST Enhanced Capabilities																												
LVC-IA - Version 2																												
LVC-IA - Version 3																												
LVC-1A - Version 4																												
CSF2																												

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Exhibit R-4A, RDT&E Schedule Details: PB 2015 Army			Date: March 2014
Appropriation/Budget Activity 2040 / 5	R-1 Program Element (Number/Name) PE 0604715A / <i>Non-System Training Devices - Eng Dev</i>	Project (Number/Name) 241 / <i>Nstd Combined Arms</i>	

Schedule Details

Events	Start		End	
	Quarter	Year	Quarter	Year
OneTESS Development	1	2013	4	2014
CTC IS Development	1	2010	4	2019
HITS Development	3	2012	4	2019
MSTC MT-C2 Development	3	2014	2	2015
MSTC Virtual Patient System Developments	3	2014	3	2015
MSTC Trainer Developments	3	2016	4	2019
EST PEQ-15A	3	2014	3	2016
EST Enhanced Capabilities	3	2014	4	2019
LVC-IA - Version 2	1	2013	4	2014
LVC-IA - Version 3	1	2016	4	2017
LVC-1A - Version 4	1	2018	4	2019
CSF2	1	2015	4	2019

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Exhibit R-2A, RDT&E Project Justification: PB 2015 Army										Date: March 2014																																		
Appropriation/Budget Activity 2040 / 5					R-1 Program Element (Number/Name) PE 0604715A / <i>Non-System Training Devices - Eng Dev</i>				Project (Number/Name) 573 / <i>Program Executive Office Simulation, Training Spt</i>																																			
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																																
573: <i>Program Executive Office Simulation, Training Spt</i>	-	5.085	3.038	3.085	-	3.085	2.976	3.000	2.896	2.972	Continuing	Continuing																																
Quantity of RDT&E Articles	-	-	-	-	-	-	-	-	-	-																																		
# The FY 2015 OCO Request will be submitted at a later date. Note . A. Mission Description and Budget Item Justification In support of Non-System Training Devices (NSTD), this project funds the US Army Program Executive Officer Simulation, Training and Instrumentation (PEO STRI) core operations supporting development of training devices and simulations by PEO STRI project managers (PM TRADE, PM ITTS, PM CATT, and PM Constructive Simulation) FY 2015 funds labor in support of PEO operations. B. Accomplishments/Planned Programs (\$ in Millions, Article Quantities in Each) <table border="1"> <thead> <tr> <th></th> <th>FY 2013</th> <th>FY 2014</th> <th>FY 2015</th> </tr> </thead> <tbody> <tr> <td>Title: Government Program Management to support PEO STRI.</td> <td align="right">5.085</td> <td align="right">3.038</td> <td align="right">3.085</td> </tr> <tr> <td align="right">Articles:</td> <td align="center">-</td> <td align="center">-</td> <td align="center">-</td> </tr> <tr> <td>Description: Government Program Management to support PEO STRI.</td> <td></td> <td></td> <td></td> </tr> <tr> <td>FY 2013 Accomplishments: Government Program Management to support PEO STRI labor for project managers in PM TRADE, PM ITTS, PM CATT, and PM Constructive Simulation.</td> <td></td> <td></td> <td></td> </tr> <tr> <td>FY 2014 Plans: Government Program Management to support PEO STRI labor for project managers in PM TRADE, PM ITTS, PM CATT, and PM Constructive Simulation.</td> <td></td> <td></td> <td></td> </tr> <tr> <td>FY 2015 Plans: Government Program Management to support PEO STRI labor for project managers in PM TRADE, PM ITTS, PM CATT, and PM Constructive Simulation.</td> <td></td> <td></td> <td></td> </tr> <tr> <td align="right">Accomplishments/Planned Programs Subtotals</td> <td align="right">5.085</td> <td align="right">3.038</td> <td align="right">3.085</td> </tr> </tbody> </table> C. Other Program Funding Summary (\$ in Millions) N/A														FY 2013	FY 2014	FY 2015	Title: Government Program Management to support PEO STRI.	5.085	3.038	3.085	Articles:	-	-	-	Description: Government Program Management to support PEO STRI.				FY 2013 Accomplishments: Government Program Management to support PEO STRI labor for project managers in PM TRADE, PM ITTS, PM CATT, and PM Constructive Simulation.				FY 2014 Plans: Government Program Management to support PEO STRI labor for project managers in PM TRADE, PM ITTS, PM CATT, and PM Constructive Simulation.				FY 2015 Plans: Government Program Management to support PEO STRI labor for project managers in PM TRADE, PM ITTS, PM CATT, and PM Constructive Simulation.				Accomplishments/Planned Programs Subtotals	5.085	3.038	3.085
	FY 2013	FY 2014	FY 2015																																									
Title: Government Program Management to support PEO STRI.	5.085	3.038	3.085																																									
Articles:	-	-	-																																									
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Accomplishments/Planned Programs Subtotals	5.085	3.038	3.085																																									

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Exhibit R-2A, RDT&E Project Justification: PB 2015 Army		Date: March 2014
Appropriation/Budget Activity 2040 / 5	R-1 Program Element (Number/Name) PE 0604715A / Non-System Training Devices - Eng Dev	Project (Number/Name) 573 / Program Executive Office Simulation, Training Spt
C. Other Program Funding Summary (\$ in Millions)		
Remarks		
D. Acquisition Strategy		
N/A		
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 / 5						R-1 Program Element (Number/Name) PE 0604715A / <i>Non-System Training Devices - Eng Dev</i>				Project (Number/Name) 573 / <i>Program Executive Office Simulation, Training Spt</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
Government Program Management- PEO STRI	Various	PEO STRI : Orlando, FL	9.731	5.085	Dec 2012	3.038		3.085		-		3.085	Continuing	Continuing	Continuing
Subtotal			9.731	5.085		3.038		3.085		-		3.085	-	-	-

	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	9.731	5.085	3.038	3.085	-	3.085	-	-	-

Remarks

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Exhibit R-4, RDT&E Schedule Profile: PB 2015 Army																Date: March 2014			
Appropriation/Budget Activity 2040 / 5								R-1 Program Element (Number/Name) PE 0604715A / Non-System Training Devices - Eng Dev								Project (Number/Name) 573 / Program Executive Office Simulation, Training Spt			

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Exhibit R-4A, RDT&E Schedule Details: PB 2015 Army		Date: March 2014
Appropriation/Budget Activity 2040 / 5	R-1 Program Element (Number/Name) PE 0604715A / Non-System Training Devices - Eng Dev	Project (Number/Name) 573 / Program Executive Office Simulation, Training Spt

Schedule Details

Events	Start		End	
	Quarter	Year	Quarter	Year
Government Program Management	1	2010	4	2019