Exhibit R-2, RDT&E Budget Item Justification: PB 2016 Army											Date: February 2015	

Appropriation/Budget Activity
2040: *Research, Development, Test & Evaluation, Army I* BA 5: *System Development & Demonstration (SDD)*

R-1 Program Element (Number/Name)
PE 0604742A *I Constructive Simulation Systems Development*

COST ($ in Millions)	Prior Years	FY 2014	FY 2015	FY 2016 Base	FY 2016 OCO	FY 2016 Total	FY 2017	FY 2018	FY 2019	FY 2020	Cost To Complete	Total Cost
Total Program Element	-	19.596	4.394	23.364	-	23.364	15.043	16.041	15.449	11.046	Continuing	Continuing
361: *Intelligence Simulation Systems*	-	4.548	0.519	5.513	-	5.513	6.114	6.435	6.326	2.497	Continuing	Continuing
362: *Jnt Land Component Constructive Trng*	-	15.048	3.875	17.851	-	17.851	8.929	9.606	9.123	8.549	Continuing	Continuing

Note
 FY16 Budget adjustments received to achieve requirements.

A. Mission Description and Budget Item Justification
 This program element funds the development of constructive and wargame simulations used to realistically train commanders and their battle staffs on today's complex battlefield conditions. Project 361 funds the development of the Intelligence Electronic Warfare Tactical Proficiency Trainer (IEWTPT) that provides Warfighting Commanders at all echelons the ability to train with Intelligence, Surveillance, and Reconnaissance (ISR) products based on realistic ISR assets, people (including the maneuver commander, G-2, G-3, collection manager, analyst/operator) and processes. IEWTPT provides a realistic Intelligence target environment for Multi-Intelligence disciplines. Signals Intelligence (SIGINT), Imagery Intelligence (IMINT), Human Intelligence (HUMINT), Counterintelligence (CI) and Geospatial Intelligence (GEOINT) and must stimulate multiple systems such as: PROPHET, Distributed Common Ground Station-Army (DCGS-A), Joint Surveillance Target Attack Radar System-Common Ground Station (JSTARS-CGS), Tactical Unmanned Aerial Vehicle (TUAV), Tactical Exploitation System/Distributed Tactical Exploitation System (TES/DTES). IEWTPT is the only Army Simulation System supporting ISR training from the Warfighter to the Military ISR Analyst/System Operator. Project 362, Joint Land Component Constructive Training Capability (JLCCTC) supports Army Title X training worldwide for Army Commanders and their staff at Mission Command Training Centers (MCTC), Training and Doctrine Command (TRADOC) facilities, and other customer locations. JLCCTC trains Commanders and their staff in Decisive Actions to include offensive, defensive, stability, and civil support operations. JLCCTC is a software modeling and simulation capability that contributes to Army Training Mission Area by providing appropriate levels of model and simulation resolution and fidelity to support unit collective and combined arms training. The JLCCTC provides accurate representations of tactically and operationally relevant land warfare operations executed in a contemporary Joint operating environment/context.

 FY 2016 funding continues product improvements with annual releases of the Intelligence Electronic Warfare Tactical Proficiency Trainer (IEWTPT) and continues development, integration and test, verification and validation activities of the Joint Land Component Constructive Training Capability (JLCCTC).

Exhibit R-2, **RDT&E Budget Item Justification:** PB 2016 Army				**Date:** February 2015	
Appropriation/Budget Activity 2040: *Research, Development, Test & Evaluation, Army* I BA 5: *System Development & Demonstration (SDD)*			**R-1 Program Element (Number/Name)** PE 0604742A *I Constructive Simulation Systems Development*		
B. Program Change Summary ($ in Millions)	**FY 2014**	**FY 2015**	**FY 2016 Base**	**FY 2016 OCO**	**FY 2016 Total**
Previous President's Budget	17.004	4.394	22.097	-	22.097
Current President's Budget	19.596	4.394	23.364	-	23.364
Total Adjustments	2.592	-	1.267	-	1.267
• Congressional General Reductions	-	-			
• Congressional Directed Reductions	-	-			
• Congressional Rescissions	-	-			
• Congressional Adds	-	-			
• Congressional Directed Transfers	-	-			
• Reprogrammings	3.000	-			
• SBIR/STTR Transfer	-0.408	-			
• Adjustments to Budget Years	-	-	1.267	-	1.267

Exhibit R-2A, RDT&E Project Justification: PB 2016 Army										Date: February 2015	
Appropriation/Budget Activity 2040 / 5				**R-1 Program Element (Number/Name)** PE 0604742A / Constructive Simulation Systems Development					**Project (Number/Name)** 361 / Intelligence Simulation Systems		
COST ($ in Millions)	**Prior Years**	**FY 2014**	**FY 2015**	**FY 2016 Base**	**FY 2016 OCO**	**FY 2016 Total**	**FY 2017**	**FY 2018**	**FY 2019**	**FY 2020**	**Cost To Complete**	**Total Cost**
361: Intelligence Simulation Systems	-	4.548	0.519	5.513	-	5.513	6.114	6.435	6.326	2.497	Continuing	Continuing
Quantity of RDT&E Articles	-	-	-	-	-	-	-	-	-	-		

A. Mission Description and Budget Item Justification

The Intelligence & Electronic Warfare Tactical Proficiency Trainer (IEWTPT), a Non-System Training Device (NSTD), supports training intelligence soldiers by stimulating Military Intelligence (MI) organic or surrogate equipment. It enables sustainment of critical individual and collective tasks/skills and is the core of the United States Army Intelligence Center of Excellence (USAICoEs) and MI holistic training strategy. This includes both stand-alone and network enabled training capabilities. IEWTPT provides a realistic Intelligence target environment for Multi-Intelligence disciplines. Signals Intelligence (SIGINT), Imagery Intelligence (IMINT), Human Intelligence (HUMINT), Counterintelligence (CI) and Geospatial Intelligence (GEOINT) and must stimulate multiple systems such as: PROPHET, Distributed Common Ground System-Army (DCGS-A), Tactical Ground Station (TGS), Joint Surveillance Target Attack Radar System-Common Ground Station (JSTARS-CGS), Tactical Unmanned Aerial Vehicle (TUAV), Tactical Exploitation System/Distributed Tactical Exploitation System (TES/DTES). IEWTPT provides static and dynamic training events (interactive environment for individual, collective, and Live, Virtual, and Constructive integrated mission rehearsals/exercises) in an integrated, playback, and stand alone mode. IEWTPT is composed of four components: Constructive Simulation, Technical Control Cell (TCC), Target Signature Arrays (TSA)/Simulation Interface, and the HUMINT Control Cell (HCC). The IEWTPT TCC provides critical Intel enhancements to a constructive simulation to stimulate go-to-war or surrogate Intelligence, Surveillance and Reconnaissance (ISR) systems where system operators/analysts are able to exploit exercise intelligence data during training, just as they would in a "real world" operation.

FY 2016 funding supports U.S. Army Readiness with the development of interface capabilities for the Intelligence, Surveillance, Reconnaissance (ISR) platform programs/systems of records, and funds the development of web-base capabilities and task analysis for "Cloud" training requirements for both the Human Control Cell (HCC) and Technical Control Cell (TCC).

B. Accomplishments/Planned Programs ($ in Millions)	**FY 2014**	**FY 2015**	**FY 2016**
Title: IEWTPT development, integration and support. **Description:** Continue IEWTPT development, integration and support to the user community. **FY 2014 Accomplishments:** Unified SIGINT Tools in web client. Developed DCGS-A interfaces, source data, and stimulation. Developed DCGS-A HUMINT Sources and Reports modeling. Provided Biometrics and Forensics Correlated Scenario Generation. Developed Infrastructure intel sensor model support. **FY 2016 Plans:**	3.881	-	4.684

Exhibit R-2A, RDT&E Project Justification: PB 2016 Army		Date: February 2015
Appropriation/Budget Activity 2040 I 5	R-1 Program Element (Number/Name) PE 0604742A I *Constructive Simulation Systems Development*	Project (Number/Name) 361 I *Intelligence Simulation Systems*

B. Accomplishments/Planned Programs ($ in Millions)	FY 2014	FY 2015	FY 2016
Will support V6.0 release for the development of detailed simulation interface capabilities for Intelligence, Surveillance, Reconnaissance (ISR) platform programs/systems in the PEO Intelligence Electronic Warfare & Sensors portfolio to support homestation intelligence training. The main effort will be to develop capabilities in IEWTPT that support the training requirements for the DCGS-A program Processing, Exploitation and Dissemination (PED) mission. Will develop HUMINT-Counter-intelligence and Human Intelligence Automated Reporting and Collection Systems (CHARCS) and Machine Foreign Language Translation, gesture recognition, retinal projection, and machine learning for integration into simulation /user environment. Will finalize PM Prophet SIGINT collection training capabilities for testing, certification and integration into software baseline. Will develop and integrate Aerial ISR training capabilities into program baseline for the Enhanced Medium Altitude Reconnaissance Surveillance System (EMARSS). Will develop initial web-based delivery capability for the Human Control Cell (HCC) and tasks analysis for cloud capabilities to support Technical Control Cell (TCC) distributed training requirement.			
Title: Government Program Management for the Intelligence Electronic Warfare Tactical Proficiency Trainer (IEWTPT). *Description:* Government Program Management for the IEWTPT program. *FY 2014 Accomplishments:* Provided for the continuation of program oversight, lifecycle management planning, and Combat Developer support. Enabled the configuration control and oversight of interfaces with complementary programs, coordination of integration activities with external programs and continuous participation in planning, integration, and testing of IEWTPT components in a federation (family of systems) environment. Covered market surveys, technology insertion studies and reviews of deliverables needed to be ready for contract activities supporting the program. *FY 2015 Plans:* Provides for the continuation of program oversight, lifecycle management planning, and Combat Developer support. Enables the configuration control and oversight of interfaces with complementary programs. Allows continuous participation in planning, integration, and testing of IEWTPT components in a federation (family of systems) environment. Covers market surveys, technology insertion studies and reviews of deliverables needed to be ready for contract activities supporting the program *FY 2016 Plans:* Will provide for the continuation of program oversight, lifecycle management planning, and Combat Developer support. Will enable the configuration control and oversight of interfaces with complementary programs. Will allow continuous participation in planning, integration, and testing of IEWTPT components in a federation (family of systems) environment. Will cover technology insertion studies and reviews of deliverables needed to be ready for contract award for the program.	0.667	0.519	0.829
Accomplishments/Planned Programs Subtotals	4.548	0.519	5.513

Exhibit R-2A, RDT&E Project Justification: PB 2016 Army									Date: February 2015	

Appropriation/Budget Activity 2040 I 5	R-1 Program Element (Number/Name) PE 0604742A I Constructive Simulation Systems Development	Project (Number/Name) 361 I Intelligence Simulation Systems

C. Other Program Funding Summary ($ in Millions)

Line Item	FY 2014	FY 2015	FY 2016 Base	FY 2016 OCO	FY 2016 Total	FY 2017	FY 2018	FY 2019	FY 2020	Cost To Complete	Total Cost
• Appropriation NA0102: *Appropriation NA0102; Training Devices, Nonsystem, Intelligence*	-	2.746	3.797	-	3.797	3.883	7.091	4.930	1.846	Continuing	Continuing
• TBWG, OMA 121: *TBWG, OMA 121*	-	0.234	2.097	-	2.097	2.543	2.613	2.696	2.748	Continuing	Continuing

Remarks

D. Acquisition Strategy

A future IEWTPT system contract, will continue the development, testing, version 6.0 information assurance, production, integration, fielding, training, hardware/software updates, and exercise support of the IEWTPT system. Software version releases are planned, as well as engineering for product improvement maintenance releases.

E. Performance Metrics

N/A

Exhibit R-3, RDT&E Project Cost Analysis: PB 2016 Army			Date: February 2015

Appropriation/Budget Activity 2040 / 5	R-1 Program Element (Number/Name) PE 0604742A / Constructive Simulation Systems Development	Project (Number/Name) 361 / Intelligence Simulation Systems

Management Services ($ in Millions)

Cost Category Item	Contract Method & Type	Performing Activity & Location	Prior Years	FY 2014		FY 2015		FY 2016 Base		FY 2016 OCO		FY 2016 Total	Cost To Complete	Total Cost	Target Value of Contract
				Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost			
Government Program Management	Various	PEO STRI : Orlando, FL	7.345	0.667		0.519		0.829		-		0.829	Continuing	Continuing	Continuing
		Subtotal	7.345	0.667		0.519		0.829		-		0.829	-	-	-

Product Development ($ in Millions)

Cost Category Item	Contract Method & Type	Performing Activity & Location	Prior Years	FY 2014		FY 2015		FY 2016 Base		FY 2016 OCO		FY 2016 Total	Cost To Complete	Total Cost	Target Value of Contract
				Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost			
HCC Technology	C/CPFF	TBD : TBD	6.600	-		-		1.300	Jun 2016	-		1.300	Continuing	Continuing	Continuing
Eng & Manufacturing Dev.	C/CPFF	General Dynamics C4 Systems : Orlando, FL	51.505	3.881	Aug 2014	-		3.384	Jun 2016	-		3.384	Continuing	Continuing	Continuing
		Subtotal	58.105	3.881		-		4.684		-		4.684	-	-	-

Support ($ in Millions)

Cost Category Item	Contract Method & Type	Performing Activity & Location	Prior Years	FY 2014		FY 2015		FY 2016 Base		FY 2016 OCO		FY 2016 Total	Cost To Complete	Total Cost	Target Value of Contract
				Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost			
Engineering & Technical Support	TBD	TBD : TBD	2.743	-		-		-		-		-	-	2.743	2.743
		Subtotal	2.743	-		-		-		-		-	-	2.743	2.743

Test and Evaluation ($ in Millions)

Cost Category Item	Contract Method & Type	Performing Activity & Location	Prior Years	FY 2014		FY 2015		FY 2016 Base		FY 2016 OCO		FY 2016 Total	Cost To Complete	Total Cost	Target Value of Contract
				Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost			
TEMP Support	Various	Multiple : Various	0.319	-		-		-		-		-	-	0.319	0.319
Test Engineering Support	Various	Multiple : Various	1.313	-		-		-		-		-	-	1.313	1.313
		Subtotal	1.632	-		-		-		-		-	-	1.632	1.632

Exhibit R-3, RDT&E Project Cost Analysis: PB 2016 Army								Date: February 2015	
Appropriation/Budget Activity 2040 *I* 5			**R-1 Program Element (Number/Name)** PE 0604742A *I Constructive Simulation Systems Development*				**Project (Number/Name)** 361 *I Intelligence Simulation Systems*		

	Prior Years	FY 2014	FY 2015	FY 2016 Base	FY 2016 OCO	FY 2016 Total	Cost To Complete	Total Cost	Target Value of Contract
Project Cost Totals	69.825	4.548	0.519	5.513	-	5.513	-	-	-

Remarks

Exhibit R-4, **RDT&E Schedule Profile:** PB 2016 Army		**Date:** February 2015
Appropriation/Budget Activity 2040 *I* 5	**R-1 Program Element (Number/Name)** PE 0604742A *I Constructive Simulation Systems Development*	**Project (Number/Name)** 361 *I Intelligence Simulation Systems*

Event Name	FY 2014				FY 2015				FY 2016				FY 2017				FY 2018				FY 2019				FY 2020			
	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

TCC/HCC Development/Integration/Improvements

(1) Version 4.0 Security Accred. — ▲1

(2) Version 4.0 Release — ▲2

(3) Version 5.0 Security Accred. — ▲3

(4) Version 5.0 Release — ▲4

(5) Version 6.0 Security Accred. — ▲5

(6) Version 6.0 Release — ▲6

(7) Version 7.0 Security Accred. — ▲7

(8) Version 7.0 Release — ▲8

(9) Version 8.0 Security Accred. — ▲9

(10) Version 8.0 Release — ▲10

(11) Version 9.0 Security Accred. — ▲11

(12) Version 9.0 Release — ▲12

Exhibit R-4, RDT&E Schedule Profile: PB 2016 Army		Date: February 2015
Appropriation/Budget Activity 2040 / 5	R-1 Program Element (Number/Name) PE 0604742A / Constructive Simulation Systems Development	Project (Number/Name) 361 / Intelligence Simulation Systems

Event Name	FY 2014				FY 2015				FY 2016				FY 2017				FY 2018				FY 2019				FY 2020			
	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
(1) Version 10.0 Security Accred.																											△1	
(2) Version 10.0 Release																												△2

Exhibit R-4A, **RDT&E Schedule Details:** PB 2016 Army		**Date:** February 2015
Appropriation/Budget Activity 2040 *I* 5	**R-1 Program Element (Number/Name)** PE 0604742A *I Constructive Simulation Systems Development*	**Project (Number/Name)** 361 *I Intelligence Simulation Systems*

Schedule Details

Events	Start		End	
	Quarter	**Year**	**Quarter**	**Year**
TCC/HCC Development/Integration/Improvements	4	2007	4	2020
Version 4.0 Security Accred.	3	2014	3	2014
Version 4.0 Release	4	2014	4	2014
Version 5.0 Security Accred.	3	2015	3	2015
Version 5.0 Release	4	2015	4	2015
Version 6.0 Security Accred.	3	2016	3	2016
Version 6.0 Release	4	2016	4	2016
Version 7.0 Security Accred.	3	2017	3	2017
Version 7.0 Release	4	2017	4	2017
Version 8.0 Security Accred.	3	2018	3	2018
Version 8.0 Release	4	2018	4	2018
Version 9.0 Security Accred.	3	2019	3	2019
Version 9.0 Release	4	2019	4	2019
Version 10.0 Security Accred.	3	2020	3	2020
Version 10.0 Release	4	2020	4	2020

Exhibit R-2A, RDT&E Project Justification: PB 2016 Army										Date: February 2015	

Appropriation/Budget Activity 2040 I 5				R-1 Program Element (Number/Name) PE 0604742A I Constructive Simulation Systems Development				Project (Number/Name) 362 I Jnt Land Component Constructive Trng			

COST ($ in Millions)	Prior Years	FY 2014	FY 2015	FY 2016 Base	FY 2016 OCO	FY 2016 Total	FY 2017	FY 2018	FY 2019	FY 2020	Cost To Complete	Total Cost
362: Jnt Land Component Constructive Trng	-	15.048	3.875	17.851	-	17.851	8.929	9.606	9.123	8.549	Continuing	Continuing
Quantity of RDT&E Articles	-	-	-	-	-	-	-	-	-	-		

A. Mission Description and Budget Item Justification

The Joint Land Component Constructive Training Capability (JLCCTC) supports Army Title X training worldwide for Army Commanders and their staff at Mission Command Training Centers (MCTC), Training and Doctrine Command (TRADOC) facilities, and other customer locations. JLCCTC trains Commanders and their staff in Decisive Actions to include offensive, defensive, stability, and civil support operations. JLCCTC is a software modeling and simulation capability that contributes to Army Training Mission Area by providing appropriate levels of modeling and simulation resolution and fidelity to support unit collective and combined arms training. JLCCTC provides a composable federation configurable to any combination of models and simulations, as required by training exercise intent/design. JLCCTC provides accurate representations of tactically and operationally relevant land warfare operations executed in a contemporary Joint operating environment/context and in support of Army Training and Readiness.

FY16 funding supports development, integration and test, and verification and validation activities of JLCCTC V5.6/V7.1. Additionally, JLCCTC will be supporting integration activities with Live, Virtual, Constructive-Integrating Architecture (LVC-IA) and continue the Constructive Strategy Implementation (Single Federation) activities.

B. Accomplishments/Planned Programs ($ in Millions)	FY 2014	FY 2015	FY 2016
Title: Improve JLCCTC software models to comply with emerging Common Operating Environment (COE)/Computing Environment (CE) requirements. **Description:** Improve JLCCTC software models to comply with emerging COE/CE requirements. **FY 2016 Plans:** Will continue improvements JLCCTC software models for COE compliance.	-	-	1.900
Title: Improve JLCCTC software models to meet emerging Mission Command (MC) stimulation and Information Assurance (IA) requirements. **Description:** Improve JLCCTC software models to meet emerging Mission Command (MC) stimulation and Information Assurance (IA) requirements. **FY 2016 Plans:**	-	-	3.551

Exhibit R-2A, RDT&E Project Justification: PB 2016 Army		Date: February 2015
Appropriation/Budget Activity 2040 / 5	R-1 Program Element (Number/Name) PE 0604742A / Constructive Simulation Systems Development	Project (Number/Name) 362 / Jnt Land Component Constructive Trng

B. Accomplishments/Planned Programs ($ in Millions)	FY 2014	FY 2015	FY 2016
Will continue improvements of JLCCTC software models to support MC and IA requirements.			
Title: Improve JLCCTC software models to meet emerging warfighter requirements for Training Relevance of Commander and staff training (Battalion thru Theater Level). **Description:** Improve JLCCTC software models to meet emerging warfighter requirements for Training Relevance of Commander and staff training (Battalion thru Theater Level). **FY 2016 Plans:** Will continue enhancing/improving JLCCTC software models to support Commander and staff training.	-	-	2.050
Title: Technical Engineering Services/Support for JLCCTC Program **Description:** Technical Engineering Services/Support for JLCCTC Program **FY 2016 Plans:** Will continue Engineering and Support for JLCCTC Program.	-	-	1.300
Title: Engineering and Manufacturing Development (EMD) phase contract activity for JLCCTC Software Models. **Description:** Continue EMD phase contract activities for JLCCTC Software Models. **FY 2014 Accomplishments:** Verified and validated JLCCTC software models	1.809	-	-
Title: Engineering and Manufacturing Development (EMD) phase contract for the Integration of JLCCTC. **Description:** Continue EMD phase contract activities for the Integration of JLCCTC. **FY 2014 Accomplishments:** Continued integration of JLCCTC components for interoperability.	2.653	-	-
Title: Engineering and Manufacturing Development (EMD) phase contract activity for User Interface Enhancements. **Description:** Continue EMD phase contract activities for User Interface Enhancements. **FY 2014 Accomplishments:** Developed and integrated user interface enhancements for Army training applications.	4.028	-	-
Title: Engineering and Manufacturing Development (EMD) phase contract activity for Constructive Strategy Implementation **Description:** Constructive Strategy Implementation	-	-	3.650

Exhibit R-2A, **RDT&E Project Justification:** PB 2016 Army | **Date:** February 2015

Appropriation/Budget Activity 2040 *I* 5	R-1 Program Element (Number/Name) PE 0604742A *I Constructive Simulation Systems Development*	Project (Number/Name) 362 *I Jnt Land Component Constructive Trng*

B. Accomplishments/Planned Programs ($ in Millions)	FY 2014	FY 2015	FY 2016
FY 2016 Plans: Constructive Strategy Implementation			
Title: Government System Test and Evaluation for the Joint Land Component Constructive Training Capability (JLCCTC) Program. **Description:** Government System Test and Evaluation for the Joint Land Component Constructive Training Capability (JLCCTC). **FY 2014 Accomplishments:** Develop and evaluate system performance and conduct system test events. **FY 2016 Plans:** Will develop and evaluate system performance and conduct system test events (Integration and Testing, Value Engineering, Operational Readiness Event).	1.575	-	1.200
Title: Government Program Management for the Joint Land Component Constructive Training Capability (JLCCTC) Program. **Description:** Government Program Management for JLCCTC. **FY 2014 Accomplishments:** Government Program Management for JLCCTC. **FY 2015 Plans:** Government Program Management for JLCCTC. **FY 2016 Plans:** Government Program Management for JLCCTC.	4.983	3.875	4.200
Accomplishments/Planned Programs Subtotals	15.048	3.875	17.851

C. Other Program Funding Summary ($ in Millions)

Line Item	FY 2014	FY 2015	FY 2016 Base	FY 2016 OCO	FY 2016 Total	FY 2017	FY 2018	FY 2019	FY 2020	Cost To Complete	Total Cost
• NSTD Command & Control: *OPA, NA0103*	18.067	27.427	47.573	-	47.573	43.024	46.882	46.443	49.417	Continuing	Continuing
• TBWG: *OMA, 121*	7.237	7.284	10.400	-	10.400	10.668	10.901	11.135	11.298	Continuing	Continuing

Remarks

Exhibit R-2A, **RDT&E Project Justification:** PB 2016 Army		**Date:** February 2015
Appropriation/Budget Activity 2040 *I* 5	**R-1 Program Element (Number/Name)** PE 0604742A *I Constructive Simulation Systems Development*	**Project (Number/Name)** 362 *I Jnt Land Component Constructive Trng*

D. Acquisition Strategy

New JLCCTC Indefinite Delivery/Indefinite Quantity (ID/IQ) contract was awarded on 27 March 2013. This contract has a period of performance of 5 years with a total ceiling amount not to exceed $146M.

E. Performance Metrics

N/A

Exhibit R-3, RDT&E Project Cost Analysis: PB 2016 Army		Date: February 2015
Appropriation/Budget Activity 2040 / 5	**R-1 Program Element (Number/Name)** PE 0604742A / Constructive Simulation Systems Development	**Project (Number/Name)** 362 / Jnt Land Component Constructive Trng

Management Services ($ in Millions)

Cost Category Item	Contract Method & Type	Performing Activity & Location	Prior Years	FY 2014		FY 2015		FY 2016 Base		FY 2016 OCO		FY 2016 Total	Cost To Complete	Total Cost	Target Value of Contract
				Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost			
Program Management	Various	PEO STRI : Orlando, FL	46.205	4.983		3.875		4.200		-		4.200	Continuing	Continuing	Continuing
		Subtotal	46.205	4.983		3.875		4.200		-		4.200	-	-	-

Product Development ($ in Millions)

Cost Category Item	Contract Method & Type	Performing Activity & Location	Prior Years	FY 2014		FY 2015		FY 2016 Base		FY 2016 OCO		FY 2016 Total	Cost To Complete	Total Cost	Target Value of Contract
				Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost			
Constructive Strategy Implementation	C/CPFF	Various : Various	0.000	-		-		3.650		-		3.650	Continuing	Continuing	Continuing
Integration of JLCCTC	SS/FFP	Various : Various	55.432	1.419		-		-		-		-	Continuing	Continuing	Continuing
Improve JLCCTC to meet emerging warfighter requirements.	C/CPFF	Lockheed Martin : Orlando, FL	0.000	-		-		2.050	Jan 2016	-		2.050	Continuing	Continuing	Continuing
MC Systems Stimulation and Information Assurance	C/CPFF	Lockheed Martin : Orlando, FL	0.000	-		-		3.551	Mar 2016	-		3.551	Continuing	Continuing	Continuing
COE Compliance	C/CPFF	Lockheed Martin : Orlando, FL	0.000	-		-		1.900	Mar 2016	-		1.900	Continuing	Continuing	Continuing
MRF-W Development of Army Training System	C/CPFF	Various : Various	6.134	4.066		-		-		-		-	Continuing	Continuing	Continuing
Development of logistics model	Various	Tapestry : San Diego, CA	20.615	-		-		-		-		-	-	20.615	20.615
WARSIM Development of Army Training System	SS/CPFF	Lockheed Martin Info Systems : Orlando, FL	122.061	-		-		-		-		-	-	122.061	122.570
		Subtotal	204.242	5.485		-		11.151		-		11.151	-	-	-

Exhibit R-3, RDT&E Project Cost Analysis: PB 2016 Army		Date: February 2015
Appropriation/Budget Activity 2040 / 5	**R-1 Program Element (Number/Name)** PE 0604742A / Constructive Simulation Systems Development	**Project (Number/Name)** 362 / Jnt Land Component Constructive Trng

Support ($ in Millions)

Cost Category Item	Contract Method & Type	Performing Activity & Location	Prior Years	FY 2014 Cost	FY 2014 Award Date	FY 2015 Cost	FY 2015 Award Date	FY 2016 Base Cost	FY 2016 Base Award Date	FY 2016 OCO Cost	FY 2016 OCO Award Date	FY 2016 Total Cost	Cost To Complete	Total Cost	Target Value of Contract
Engineering & Tech Spt (SE, CM, Lab, Documentation)	Various	Various : Various	8.777	1.335		-		1.300	Jan 2016	-		1.300	Continuing	Continuing	Continuing
Subtotal			8.777	1.335		-		1.300		-		1.300	-	-	-

Test and Evaluation ($ in Millions)

Cost Category Item	Contract Method & Type	Performing Activity & Location	Prior Years	FY 2014 Cost	FY 2014 Award Date	FY 2015 Cost	FY 2015 Award Date	FY 2016 Base Cost	FY 2016 Base Award Date	FY 2016 OCO Cost	FY 2016 OCO Award Date	FY 2016 Total Cost	Cost To Complete	Total Cost	Target Value of Contract
System T&E (I&T, VE, ORE)	Various	Various : Various	16.403	3.245		-		1.200	May 2016	-		1.200	Continuing	Continuing	Continuing
Verification, Validation and Accreditation	Various	Various : Various	13.244	-		-		-		-		-	Continuing	Continuing	Continuing
Subtotal			29.647	3.245		-		1.200		-		1.200	-	-	-

	Prior Years	FY 2014	FY 2015	FY 2016 Base	FY 2016 OCO	FY 2016 Total	Cost To Complete	Total Cost	Target Value of Contract
Project Cost Totals	288.871	15.048	3.875	17.851	-	17.851	-	-	-

Remarks

Exhibit R-4, RDT&E Schedule Profile: PB 2016 Army		Date: February 2015
Appropriation/Budget Activity 2040 / 5	R-1 Program Element (Number/Name) PE 0604742A / Constructive Simulation Systems Development	Project (Number/Name) 362 / Jnt Land Component Constructive Trng

Event Name	FY 2014				FY 2015				FY 2016				FY 2017				FY 2018				FY 2019				FY 2020			
	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
(1) JLCCTC V5.5 / V7.0																												
(2) JLCCTC V5.6 / V7.1																												
(3) JLCCTC V8.0																												
(4) JLCCTC VR																												
JLCCTC Integration into LVC-IA																												
JLCCTC Constructive Strategy Implementation (Single Federation)																												

Exhibit R-4A, RDT&E Schedule Details: PB 2016 Army			Date: February 2015
Appropriation/Budget Activity 2040 / 5	**R-1 Program Element (Number/Name)** PE 0604742A / Constructive Simulation Systems Development	**Project (Number/Name)** 362 / Jnt Land Component Constructive Trng	

Schedule Details

Events	Start		End	
	Quarter	**Year**	**Quarter**	**Year**
JLCCTC V5.5 / V7.0	4	2014	4	2014
JLCCTC V5.6 / V7.1	4	2016	4	2016
JLCCTC V8.0	4	2018	4	2018
JLCCTC VR	4	2020	4	2020
JLCCTC Integration into LVC-IA	1	2014	4	2020
JLCCTC Constructive Strategy Implementation (Single Federation)	2	2015	4	2019