

UNCLASSIFIED

Exhibit R-2, RDT&E Budget Item Justification: PB 2025 Army **Date:** March 2024

Appropriation/Budget Activity 2040: <i>Research, Development, Test & Evaluation, Army / BA 5: System Development & Demonstration (SDD)</i>	R-1 Program Element (Number/Name) PE 0604742A / <i>Constructive Simulation Systems Development</i>
--	--

COST (\$ in Millions)	Prior Years	FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total	FY 2026	FY 2027	FY 2028	FY 2029	Cost To Complete	Total Cost
Total Program Element	-	28.404	30.985	30.097	-	30.097	30.504	14.199	8.696	8.718	0.000	151.603
361: <i>Intelligence Simulation Systems</i>	-	6.681	7.873	7.869	-	7.869	7.827	8.106	8.696	8.718	0.000	55.770
362: <i>Jnt Land Component Constructive Trng</i>	-	21.723	23.112	22.228	-	22.228	22.677	6.093	-	-	0.000	95.833

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, Intelligence Simulation Systems, funds the development of the Intelligence Electronic Warfare Tactical Proficiency Trainer (IEWTPT). IEWTPT is a Non-System Training Device (NSTD) which supports home-station training by simulating and stimulating Military Intelligence (MI) organic or surrogate equipment. It enables sustainment of critical individual and collective MI tasks/skills and is the core of the U.S. Army Intelligence Center of Excellence (USAICoE) Military Intelligence (MI) holistic training strategy supporting mission command, targeting, and MI Soldier readiness. IEWTPT provides a realistic simulation intelligence target environment for multi-intelligence disciplines such as All Source Analysis, Signals Intelligence (SIGINT), Imagery Intelligence (IMINT), Human Intelligence (HUMINT), Geospatial Intelligence (GEOINT) and emerging electronic warfare (EW) systems. IEWTPT provides training for analyst and system operators to exploit intelligence data during training, just as they would in "Real World" operations. The IEWTPT Technical Control Cell (TCC) is composed of two components: the Lower Enclave (LE) which supports exercise planning and development and drives the All Source and GEOINT (and emerging EW) training tasks and the Upper Enclave (UE) which supports all SIGINT related training and operates at the Top Secret / Sensitive Compartmented Information (TS/SCI) classification level.

Project 362, Joint Land Component Constructive Training Capability (JLCCTC) supports Army Title X training worldwide for Army Commanders and their staff at Mission Training Complexes (MTCs), 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.

UNCLASSIFIED

Exhibit R-2, RDT&E Budget Item Justification: PB 2025 Army	Date: March 2024
---	-------------------------

Appropriation/Budget Activity 2040: <i>Research, Development, Test & Evaluation, Army / BA 5: System Development & Demonstration (SDD)</i>	R-1 Program Element (Number/Name) PE 0604742A / <i>Constructive Simulation Systems Development</i>
--	--

B. Program Change Summary (\$ in Millions)	FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total
Previous President's Budget	29.481	30.985	30.320	-	30.320
Current President's Budget	28.404	30.985	30.097	-	30.097
Total Adjustments	-1.077	0.000	-0.223	-	-0.223
• Congressional General Reductions	-	-			
• Congressional Directed Reductions	-	-			
• Congressional Rescissions	-	-			
• Congressional Adds	-	-			
• Congressional Directed Transfers	-	-			
• Reprogrammings	-0.001	-			
• SBIR/STTR Transfer	-1.076	-			
• Adjustments to Budget Years	-	-	-0.223	-	-0.223

Change Summary Explanation

Decrease due to alignment of funding with planned life cycle of programs.

UNCLASSIFIED

Exhibit R-2A, RDT&E Project Justification: PB 2025 Army										Date: March 2024		
Appropriation/Budget Activity 2040 / 5					R-1 Program Element (Number/Name) PE 0604742A / <i>Constructive Simulation Systems Development</i>				Project (Number/Name) 361 / <i>Intelligence Simulation Systems</i>			
COST (\$ in Millions)	Prior Years	FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total	FY 2026	FY 2027	FY 2028	FY 2029	Cost To Complete	Total Cost
361: <i>Intelligence Simulation Systems</i>	-	6.681	7.873	7.869	-	7.869	7.827	8.106	8.696	8.718	0.000	55.770
Quantity of RDT&E Articles	-	-	-	-	-	-	-	-	-	-		

A. Mission Description and Budget Item Justification

Project 361 funds the development, integration and testing of the Intelligence Electronic Warfare Tactical Proficiency Trainer (IEWTPT). IEWTPT is a Non-System Training Device (NSTD) which supports home-station training by simulating and stimulating Military Intelligence (MI) and Electronic Warfare (EW) organic or surrogate equipment. It enables training of critical individual, crew, and collective MI tasks/skills and is the core of the U.S. Army Intelligence Center of Excellence (USAICoE) Military Intelligence (MI) holistic training strategy supporting mission command, targeting, and MI Soldier, and multi-domain army readiness. IEWTPT provides a realistic simulation intelligence target environment for multi-intelligence disciplines such as All Source Analysis, Signals Intelligence (SIGINT), Imagery Intelligence (IMINT), Human Intelligence (HUMINT), Geospatial Intelligence (GEOINT) and EW in support of multi-domain operations (MDO) training. IEWTPT provides training for analyst and system operators to exploit intelligence and EW data during training, just as they would in "Real World" operations. The IEWTPT Technical Control Cell (TCC) is composed of two components: the Lower Enclave (LE) which supports exercise planning and scenario development and drives the All Source and GEOINT (and emerging EW) training tasks and the Upper Enclave (UE) which supports all SIGINT related training and operates at the Top Secret / Sensitive Compartmented Information (TS/SCI) classification level.

FY 2025 base funding in the amount of \$7.869 million will be used for the development and advancement of agile software development tools supporting capability releases, improving integration into the Military Intelligence (MI) cloud-ready baseline, improvement of multi-intelligence and electronic warfare (EW) scenario development tools, and enhancement of threat modeling capabilities and replicate theater and national level intelligence capabilities.

B. Accomplishments/Planned Programs (\$ in Millions)

	FY 2023	FY 2024	FY 2025
Title: Software Engineering, Development, Integration and Testing	6.681	7.873	7.869
FY 2024 Plans: IEWTPT will continue to support Information Systems-Capabilities Development Document (IS-CDD) requirements and simulation interface capabilities for Intelligence, Surveillance, Reconnaissance (ISR) platform system in the PEO Intelligence Electronic Warfare & Sensors (PEO IEW & S) portfolio to support home-station intelligence training for multi-domain operations (MDO). Funding will develop and advance the Army Military Intelligence (MI) cloud-ready baseline for point of need training execution across all components (Active, Guard, Reserve). Funding will improve multi-intelligence and Electronic Warfare (EW) scenario development tools for cloud employment; mature sensor emulation effects; enhance threat modeling capabilities and replicate theater and national level intelligence. The program will deliver multi-intelligence training improvements to the distributed/federated constructive simulation environment, expand the All Source and Signals Intelligence (SIGINT) baselines, and continued detailed electronic warfare key critical task analysis and training development. Funding will expand EW/SIGINT integration to			

UNCLASSIFIED

Exhibit R-2A, RDT&E Project Justification: PB 2025 Army		Date: March 2024
Appropriation/Budget Activity 2040 / 5	R-1 Program Element (Number/Name) PE 0604742A / <i>Constructive Simulation Systems Development</i>	Project (Number/Name) 361 / <i>Intelligence Simulation Systems</i>

B. Accomplishments/Planned Programs (\$ in Millions)	FY 2023	FY 2024	FY 2025
<p>reduce risk for the Terrestrial Layer System (TLS) training strategy and support training mission analysis and development for the Tactical Intelligence Targeting Access Node (TITAN) multi-domain ground station. Expands SIGINT scenario development tools for cloud employment; sensor emulation effects modeling as well as theater and National level intelligence replication for the simulation/user environment. Will execute technology development and integration supporting product deliverables needed to meet Intelligence Center of Excellence (ICoE) and Army G2 training and modernization strategies. IEWTPT simulation and simulation capabilities will support integration of test and training systems for MDO events and the Regionally Aligned Readiness and Modernization Model (ReARMM).</p> <p>FY 2025 Plans: IEWTPT will continue to support Information Systems-Capabilities Development Document (IS-CDD) requirements and simulation interface capabilities for Intelligence, Surveillance, Reconnaissance (ISR) and EW platform system training to support homestation intelligence training for multi-domain operations (MDO) in a large-scale, simulation environment. Funding will develop and advance the Army Military Intelligence (MI) cloud-ready baseline for point of need training execution across all components (Active, Guard, Reserve). Funding will improve multi-intelligence and electronic warfare (EW) scenario development tools for greater representation of the congested-contested, operational training environment; Add and mature blue and red sensors and their emulation effects; expand and enhance threat modeling capabilities and replicate theater and national level intelligence capabilities. The program will deliver multi-intelligence/EW training improvements to the distributed/federated constructive simulation environment, expand the EW and Signals Intelligence (SIGINT) combined baselines in order to replicate the complex, critical task training for the emerging Terrestrial Layer System - Brigade Combat Team (TLS-BCT). Funding will provide mission analysis for the TLS - Echelons Above Brigade (EAB) training strategy and support training mission analysis and development for the Tactical Intelligence Targeting Access Node (TITAN) multi-domain ground station. Expand the program development and implementation of security, operations (DevSecOps) practices and tools for cloud employment and more rapid product deliverables to the warfighter.</p> <p>FY 2024 to FY 2025 Increase/Decrease Statement: FY2025 decrease to maintain planned lifecycle of this effort.</p>			
Accomplishments/Planned Programs Subtotals	6.681	7.873	7.869

C. Other Program Funding Summary (\$ in Millions) N/A
Remarks

UNCLASSIFIED

Exhibit R-2A, RDT&E Project Justification: PB 2025 Army		Date: March 2024
Appropriation/Budget Activity 2040 / 5	R-1 Program Element (Number/Name) PE 0604742A / <i>Constructive Simulation Systems Development</i>	Project (Number/Name) 361 / <i>Intelligence Simulation Systems</i>

D. Acquisition Strategy

The program will leverage the Software Acquisition Pathway (SWP) Execution Phase to release Minimum Viable Products (MVPs) and Minimum Viable Capability Releases (MVCR), at least annually, in support of intelligence modernization priorities. The IEWTPT Increment 2 contract will provide multi-intelligence and electronic warfare training support to multi-domain functions. Funds support development, integration and testing in an agile acquisition environment using active user engagements, value assessments and continuous improvement to meet the Information Systems-Capability Development Document (IS-CDD), Military Intelligence Corps requirements and the Requirements and Configuration Control Board (RC2B) General Officer Steering Committee (GOSC) priorities.

UNCLASSIFIED

Exhibit R-3, RDT&E Project Cost Analysis: PB 2025 Army **Date:** March 2024

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

Product Development (\$ in Millions)				FY 2023		FY 2024		FY 2025 Base		FY 2025 OCO		FY 2025 Total	Cost To Complete	Total Cost	Target Value of Contract
Cost Category Item	Contract Method & Type	Performing Activity & Location	Prior Years	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost			
Increment 2 Software Eng, Development, Integration and Test Dev Sec Ops Tools/Agile Ready Architect.	C/CPFF	General Dynamics : Orlando, FL	5.323	4.470	Feb 2023	7.873	Feb 2024	7.869	Feb 2025	-		7.869	Continuing	Continuing	Continuing
Tools/Agile	C/CPFF	General Dynamics : Orlando, Florida	-	2.211	May 2023	-		-		-		-	0.000	2.211	-
Subtotal			5.323	6.681		7.873		7.869		-		7.869	Continuing	Continuing	N/A
Project Cost Totals			5.323	6.681		7.873		7.869		-		7.869	Continuing	Continuing	N/A

Remarks
The IEWTPT Increment 2 contract is actively proceeding to meet IS-CDD and software acquisition pathway execution phase requirements in support of intelligence modernization training.

UNCLASSIFIED

Exhibit R-4, RDT&E Schedule Profile: PB 2025 Army		Date: March 2024
Appropriation/Budget Activity 2040 / 5	R-1 Program Element (Number/Name) PE 0604742A / <i>Constructive Simulation Systems Development</i>	Project (Number/Name) 361 / <i>Intelligence Simulation Systems</i>

Event Name	FY 2023				FY 2024				FY 2025				FY 2026				FY 2027				FY 2028				FY 2029			
	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
Increment 2 Contract Award																												
Min. Viable Capability Release 2																												
Min. Viable Capability Release 3																												
Min. Viable Capability Release 4																												
Min. Viable Capability Release 5																												
Min. Viable Capability Release 6																												
Min. Viable Capability Release 7																												

UNCLASSIFIED

Exhibit R-4A, RDT&E Schedule Details: PB 2025 Army		Date: March 2024
Appropriation/Budget Activity 2040 / 5	R-1 Program Element (Number/Name) PE 0604742A / <i>Constructive Simulation Systems Development</i>	Project (Number/Name) 361 / <i>Intelligence Simulation Systems</i>

Schedule Details

Events	Start		End	
	Quarter	Year	Quarter	Year
Increment 1 Bridge	2	2022	2	2022
Increment 2 Contract Award	2	2023	2	2028
Min. Viable Capability Release 2	4	2024	4	2024
Min. Viable Capability Release 3	4	2025	4	2025
Min. Viable Capability Release 4	4	2026	4	2026
Min. Viable Capability Release 5	4	2027	4	2027
Min. Viable Capability Release 6	4	2028	4	2028
Min. Viable Capability Release 7	4	2029	4	2029

UNCLASSIFIED

Exhibit R-2A, RDT&E Project Justification: PB 2025 Army										Date: March 2024		
Appropriation/Budget Activity 2040 / 5					R-1 Program Element (Number/Name) PE 0604742A / <i>Constructive Simulation Systems Development</i>				Project (Number/Name) 362 / <i>Jnt Land Component Constructive Trng</i>			
COST (\$ in Millions)	Prior Years	FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total	FY 2026	FY 2027	FY 2028	FY 2029	Cost To Complete	Total Cost
362: <i>Jnt Land Component Constructive Trng</i>	-	21.723	23.112	22.228	-	22.228	22.677	6.093	-	-	0.000	95.833
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 Training Complexes (MTCs), 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.

FY 2025 base funding in the amount of \$22.228 million will be used for the development, integration and test, and verification activities for JLCCTC Version 9.x to train Commanders and their Staff. JLCCTC will continue to support emerging Common Operating Environment / Computing Environment (COE/CE), Mission Command (MC), Cyber Security/Risk Management Framework (RMF), Concurrency warfighter requirements, Synthetic Environment (SE) Core No Fail activities, and One World Terrain (OWT) Data to JLCCTC Runtime Translation Tool development. In addition, JLCCTC will continue to support the integration activities with Live, Virtual, Constructive-Integrated Architecture (LVC-IA), Combat Training Center Instrumentation System (CTC- IS), Intelligence Electronic Warfare Tactical Proficiency Trainer (IEWTPT), and to begin interfacing the Army ground model with the Joint simulation capability.

B. Accomplishments/Planned Programs (\$ in Millions)

	FY 2023	FY 2024	FY 2025
Title: Improve JLCCTC software models to comply with emerging Common Operating Environment (COE)/Computing Environment (CE) requirements.	0.650	0.650	0.650
Description: Improve JLCCTC software models to comply with emerging COE/CE requirements.			
FY 2024 Plans: Will continue improvements of JLCCTC software models to include common overlay development/modifications in support of COE compliance/standards.			
FY 2025 Plans: Will continue improvements of JLCCTC software models to include common overlay development/modifications in support of COE compliance/standards.			
Title: Improve JLCCTC software models to meet emerging Mission Command (MC) stimulation and Cyber Security requirements.	0.800	0.800	0.800

UNCLASSIFIED

Exhibit R-2A, RDT&E Project Justification: PB 2025 Army		Date: March 2024		
Appropriation/Budget Activity 2040 / 5	R-1 Program Element (Number/Name) PE 0604742A / <i>Constructive Simulation Systems Development</i>	Project (Number/Name) 362 / <i>Jnt Land Component Constructive Trng</i>		
B. Accomplishments/Planned Programs (\$ in Millions)		FY 2023	FY 2024	FY 2025
<p>Description: Improve JLCCTC software models to meet emerging Mission Command (MC) stimulation and Risk Management Framework (RMF)/Cyber Security requirements.</p> <p>FY 2024 Plans: Continue to evolve JLCCTC to support emerging Mission Command requirements and fully comply with the Cyber Security RMF requirement.</p> <p>FY 2025 Plans: Continue to evolve JLCCTC to support emerging Mission Command requirements and fully comply with the Cyber Security RMF requirement.</p>				
<p>Title: Improve JLCCTC software models to meet emerging warfighter requirements for Concurrency of Commander and staff training (Battalion thru Theater Level).</p> <p>Description: Improve JLCCTC software models to meet emerging warfighter requirements for Concurrency of Commander and staff training (Brigade through Theater Level).</p> <p>FY 2024 Plans: Continue to evolve JLCCTC software models to support additional emerging requirements in support of Commander and staff warfighter training exercises through Theater level</p> <p>FY 2025 Plans: Continue to evolve JLCCTC software models to support additional emerging requirements in support of Commander and staff warfighter training exercises through Theater level.</p> <p>FY 2024 to FY 2025 Increase/Decrease Statement: FY 2025 decrease to maintain planned lifecycle of this effort.</p>		6.160	6.428	6.215
<p>Title: Government System Test and Evaluation for the Joint Land Component Constructive Training Capability (JLCCTC) Program.</p> <p>Description: Government System Test and Evaluation for the Joint Land Component Constructive Training Capability (JLCCTC).</p> <p>FY 2024 Plans: Continue conducting system test events (Integration and Testing) in support of the JLCCTC v9.x validation event (VE).</p> <p>FY 2025 Plans:</p>		1.750	1.848	1.711

UNCLASSIFIED

Exhibit R-2A, RDT&E Project Justification: PB 2025 Army		Date: March 2024
Appropriation/Budget Activity 2040 / 5	R-1 Program Element (Number/Name) PE 0604742A / <i>Constructive Simulation Systems Development</i>	Project (Number/Name) 362 / <i>Jnt Land Component Constructive Trng</i>

B. Accomplishments/Planned Programs (\$ in Millions)	FY 2023	FY 2024	FY 2025
Continue conducting system test events (Integration and Testing) in support of the JLCCTC v9.x validation event (VE). FY 2024 to FY 2025 Increase/Decrease Statement: FY 2025 decrease to maintain planned lifecycle of this effort.			
Title: Conduct Army Ground Model Analysis of Alternative FY 2024 Plans: Continue development to interface the Army ground model with the Joint simulation capability. FY 2025 Plans: Continue development to interface the Army ground model with the Joint simulation capability. FY 2024 to FY 2025 Increase/Decrease Statement: FY 2025 decrease to maintain planned lifecycle of this effort.	6.837	7.760	7.453
Title: Constructive Terrain and Tools Development FY 2024 Plans: Continue execution of the SE Core No Fail Activities and development of tools to transform OWT data into JLCCTC compliant runtime formats. FY 2025 Plans: Continue execution of the SE Core No Fail Activities and development of tools to transform OWT data into JLCCTC compliant runtime formats. FY 2024 to FY 2025 Increase/Decrease Statement: FY 2025 decrease to maintain planned lifecycle of this effort.	5.526	5.626	5.399
Accomplishments/Planned Programs Subtotals	21.723	23.112	22.228

C. Other Program Funding Summary (\$ in Millions)

Line Item	FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total	FY 2026	FY 2027	FY 2028	FY 2029	Cost To Complete	Total Cost
• NA0103: <i>NSTD</i> <i>COMMAND & CONTROL</i>	35.470	33.047	28.178	-	28.178	32.529	31.732	34.892	34.990	Continuing	Continuing

Remarks

D. Acquisition Strategy

The JLCCTC contract (with Base contract of 4 years and two-three year options) was awarded to Phoenix Logistics Inc. (PLI) on 17 March 2020.

UNCLASSIFIED

Exhibit R-2A, RDT&E Project Justification: PB 2025 Army		Date: March 2024
Appropriation/Budget Activity 2040 / 5	R-1 Program Element (Number/Name) PE 0604742A / <i>Constructive Simulation Systems Development</i>	Project (Number/Name) 362 / <i>Jnt Land Component Constructive Trng</i>

Activities under the current contract and follow-on contracts include System Engineering, Software Development, Integration and Test, support to validation events and Post Deployment Software Support (PDSS) and Pre-Planned Product Improvements (P3I) support.

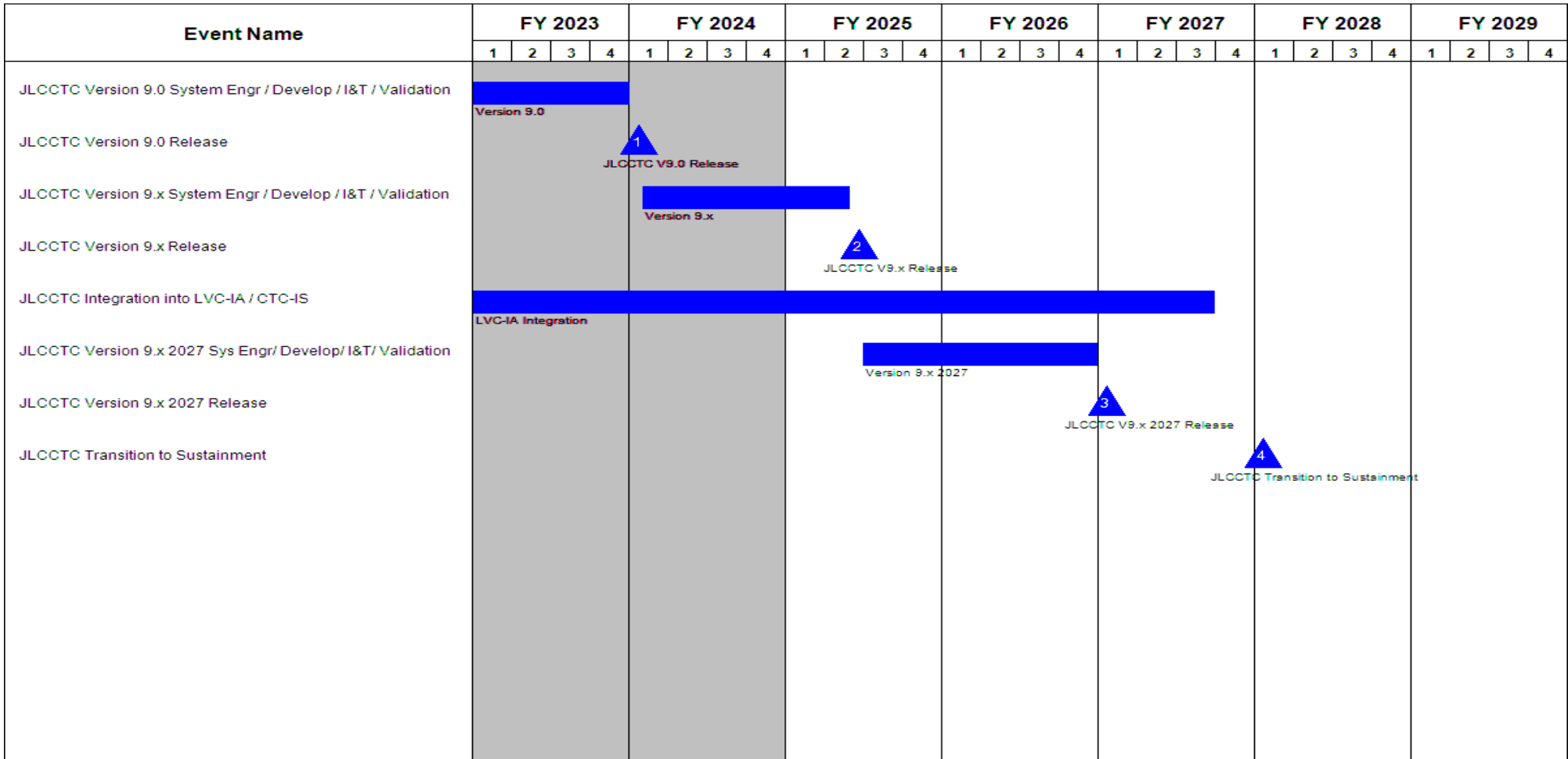
JLCCTC produces a major software release/version which is then distributed/fielded to 46 sites worldwide in support of Army Command and Staff Training.

UNCLASSIFIED

Exhibit R-3, RDT&E Project Cost Analysis: PB 2025 Army												Date: March 2024			
Appropriation/Budget Activity				R-1 Program Element (Number/Name)				Project (Number/Name)							
2040 / 5				PE 0604742A / Constructive Simulation Systems Development				362 / Jnt Land Component Constructive Trng							
Product Development (\$ in Millions)				FY 2023		FY 2024		FY 2025 Base		FY 2025 OCO		FY 2025 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
Improve JLCCTC to meet emerging warfighter requirements.	C/CPFF	Phoenix Logistics, Inc. : Orlando, FL	15.959	6.160	Dec 2022	6.428	Dec 2023	6.215	Dec 2024	-		6.215	Continuing	Continuing	Continuing
MC Systems Stimulation and Cyber Security	C/CPFF	Phoenix Logistics, Inc. : Orlando, FL	9.932	0.800	Dec 2022	0.800	Dec 2023	0.800	Dec 2024	-		0.800	Continuing	Continuing	Continuing
COE Compliance	C/CPFF	Phoenix Logistics, Inc. : Orlando, FL	7.040	0.650	Dec 2022	0.650	Dec 2023	0.650	Dec 2024	-		0.650	Continuing	Continuing	Continuing
Conduct Army ground Model AoA	C/CPFF	Phoenix Logistics, Inc. : Orlando, FL	8.200	6.837	Dec 2022	7.760	Dec 2023	7.453	Dec 2024	-		7.453	Continuing	Continuing	Continuing
Constructive Terrain and Tools Development	C/CPFF	Phoenix Logistics, Inc. : Orlando, FL	4.937	5.526	Dec 2022	5.626	Dec 2023	5.399	Dec 2024	-		5.399	Continuing	Continuing	Continuing
Subtotal			46.068	19.973		21.264		20.517		-		20.517	Continuing	Continuing	N/A
Test and Evaluation (\$ in Millions)				FY 2023		FY 2024		FY 2025 Base		FY 2025 OCO		FY 2025 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
System T&E (I&T, VE, ORE)	Various	Various : Various	29.942	1.750	Dec 2022	1.848	Dec 2023	1.711	Dec 2024	-		1.711	Continuing	Continuing	Continuing
Subtotal			29.942	1.750		1.848		1.711		-		1.711	Continuing	Continuing	N/A
Project Cost Totals			76.010	21.723		23.112		22.228		-		22.228	Continuing	Continuing	N/A
Remarks															

UNCLASSIFIED

Exhibit R-4, RDT&E Schedule Profile: PB 2025 Army		Date: March 2024
Appropriation/Budget Activity 2040 / 5	R-1 Program Element (Number/Name) PE 0604742A / <i>Constructive Simulation Systems Development</i>	Project (Number/Name) 362 / <i>Jnt Land Component Constructive Trng</i>



UNCLASSIFIED

Exhibit R-4A, RDT&E Schedule Details: PB 2025 Army		Date: March 2024
Appropriation/Budget Activity 2040 / 5	R-1 Program Element (Number/Name) PE 0604742A / <i>Constructive Simulation Systems Development</i>	Project (Number/Name) 362 / <i>Jnt Land Component Constructive Trng</i>

Schedule Details

Events	Start		End	
	Quarter	Year	Quarter	Year
JLCCTC Version 9.0 System Engr / Develop / I&T / Validation	1	2018	4	2023
JLCCTC Version 9.0 Release	1	2024	1	2024
JLCCTC Version 9.x System Engr / Develop / I&T / Validation	1	2024	2	2025
JLCCTC Version 9.x Release	2	2025	2	2025
JLCCTC Integration into LVC-IA / CTC-IS	1	2014	3	2027
JLCCTC Version 9.x 2027 Sys Engr/ Develop/ I&T/ Validation	3	2025	4	2026
JLCCTC Version 9.x 2027 Release	1	2027	1	2027
JLCCTC Transition to Sustainment	1	2028	1	2028