

TRAINING & SIMULATION

INDUSTRY SYMPOSIUM





Distribution A - Approved for public release, distribution is unlimited



Project Manager Integrated Training Environment (PM ITE)



COL Roland M. Gaddy Jr.
PEO STRI Project Manager Integrated
Training Environment (PM ITE)
2 December 2015



Live, Virtual, Constructive – Integrating Architecture (LVC-IA)



Description/Summary of Program Requirements

LVC-IA is the Program of Record that establishes a more user-friendly persistent interoperability and integration of Live, Virtual, and Constructive Simulations and Simulators with Mission Command Systems. LVC-IA enhances the ability to replicate the Operational Environment allowing the Commander to train units more effectively. LVC-IA is operationally focused, serving as the “engine or glue” for multi-echeloned, collective training up to Brigade level.

- Mitigates the constraints inherent in single environment training by expanding interoperability and battlespace.
- Commanders can customize the right mix of tools specific to their training requirements.
- Reduces required funding and manning resources.
- Net-Ready, user-friendly persistent capability.
- Simulations control.

ACQUISITION STRATEGY	PERIOD OF PERFORMANCE	MILESTONES
<ul style="list-style-type: none"> • Re-compete expected to be Small Business competition under STOC II 	<ul style="list-style-type: none"> • Six Years 	<p>3Q16</p>  <p>Contract Award</p> <p>Follow on contract activities are on going and timeline are currently in PALT</p>
POINT OF CONTACT	FUNDING	CURRENT CONTRACT/ORIGINAL DEVELOPER/OEM (IF RECOMPETE)
<p>Organization: PM ITE</p> <p>Phone: (407) 384-3601</p> <p>Email: usarmy.orlando.peo-stri.list.pm-ite@mail.mil</p>	<p>Mission Funding</p> <ul style="list-style-type: none"> • RDT&E – \$2.9M - \$12.0M per year • Procurement - \$4.5M - \$7.8M per year 	<ul style="list-style-type: none"> • LVC-IA Development and Production contract under STOC II • Cole Engineering Services, Inc – Contract ends 30 June 2015. • One year bridge awarded, extending the PoP to 3Q16.





Battle Command Training Capability- Equipment Support (BCTC-ES)



Description/Summary of Program Requirements

BCTC-ES provides the furniture, fixtures, equipment (FF&E), network, Reconfigurable Tactical Operation Center (RTOC), technical control, classroom and work cell capabilities, and technical tools required for all Army Mission Training Complexes (MTC) and for the associated Military Construction Army (MCA) infrastructure. BCTC-ES will enable the linkage of constructive simulations to Mission Command (MC) systems and extending unit communications. It provides equipment that integrates Army MC systems into Tactical Operation Center (TOC) sets, providing visualization of the Common Operating Picture (COP). BCTC-ES supports the requirements for the Risk Management Framework (RMF), which helps enable the linkage within a MTC that supports secure and distributed MC/Simulation training. It will also provide Architectural and Engineering (A&E) support to the MTC Design Board for new MCA development.

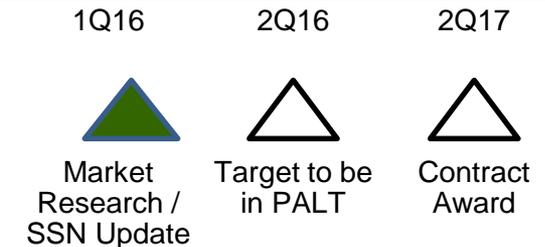
ACQUISITION STRATEGY

- Competitive
- Present Constructive Training System (CTS) effort is being split into two separate contracts supporting the BCTC-ES and CBCSE requirements.

PERIOD OF PERFORMANCE

- Five Years

MILESTONES



POINT OF CONTACT

Organization: PM ITE
Phone: (407) 384-3601
Email: usarmy.orlando.peo-stri.list.pm-ite@mail.mil

FUNDING

- Mission and Customer
- Estimated Value: \$80M

CURRENT CONTRACT/ORIGINAL DEVELOPER/OEM (IF RECOMPETE)

- CTS IDIQ – GDIT orders through 1Q17





Common Battle Command Simulation Equipment (CBCSE)



Description/Summary of Program Requirements

The CBCSE contract is responsible for the procurement and fielding of COTS hardware and software in support of the Joint Land Component Constructive Training Capability (JLCCTC).

- Conduct onsite fielding/site survey activities
- Procure, field and refresh COTS hardware Common Hardware Platform (CHP) and servers
- Procure, field and refresh COTS software licenses
- Manage COTS software license maintenance
- Provide Property Accountability of COTS Products

ACQUISITION STRATEGY	PERIOD OF PERFORMANCE	MILESTONES			
<ul style="list-style-type: none"> • Competitive Contract expected to be Small Business competition • Contract Type – Single Award ID/IQ 	<ul style="list-style-type: none"> • Five years <ul style="list-style-type: none"> • 3 Year base • 2 Year option 	<table border="0"> <tr> <td style="text-align: center;">1Q16  Market Research / SSN Update</td> <td style="text-align: center;">1Q16  Target to be in PALT</td> <td style="text-align: center;">1Q17  Contract Award</td> </tr> </table>	1Q16  Market Research / SSN Update	1Q16  Target to be in PALT	1Q17  Contract Award
1Q16  Market Research / SSN Update	1Q16  Target to be in PALT	1Q17  Contract Award			
POINT OF CONTACT	FUNDING	CURRENT CONTRACT/ORIGINAL DEVELOPER/OEM (IF RECOMPETE)			
<p>Organization: PM ITE Phone: (407) 384-3601 Email: usarmy.orlando.peo-stri.list.pm-ite@mail.mil</p>	<ul style="list-style-type: none"> • Mission and Customer <ul style="list-style-type: none"> • OPA, OMA, RDT&E • Estimated Value: \$98M 	<ul style="list-style-type: none"> • CTS IDIQ – GDIT orders until 2Q17 			





One Semi-Automated Forces (OneSAF)



Description/Summary of Program Requirements

OneSAF is a composable Computer Generated Forces (CGF) simulation designed for brigade and below, combat and non-combat operations. OneSAF represents a full range of operations, systems and control processes in support of simulation applications applied to the six Army Modeling and Simulation communities (Analysis, Acquisition, Intelligence, Training, Experimentation, Test and Evaluation). OneSAF is designed, and continues to evolve, in order to meet the constructive simulation challenges of each of these communities.

Characteristics:

- Supports the full range of Warfighting Functional areas
- Provides high fidelity environmental representation
- Provides composability of entity, unit and system levels
- Web-Enabled
- Implements interoperability using DoD/industry standards
- Supports multiple operating systems (Linux, Windows)
- Provides Common Components: Environmental Runtime Component (ERC) and Mission Command (MC) Adapter

ACQUISITION STRATEGY	PERIOD OF PERFORMANCE	MILESTONES		
<ul style="list-style-type: none"> • Competitive Contract 	<ul style="list-style-type: none"> • Five Years 	1Q16  Market Research	2Q16  Target to be in PALT	1Q17  Contract Award
POINT OF CONTACT	FUNDING		CURRENT CONTRACT/ORIGINAL DEVELOPER/OEM (IF RECOMPETE)	
Organization: PM ITE Phone: (407) 384-3601 Email: usarmy.orlando.peo-stri.list.pm-ite@mail.mil	<ul style="list-style-type: none"> • Mission • Customer • Foreign Military Sales (FMS) • Estimated Value: \$70-95M 		<ul style="list-style-type: none"> • Current Contracts with: <ul style="list-style-type: none"> - CESI - Leidos • Initial Capability: <ul style="list-style-type: none"> - SAIC, Northrop Grumman, CAE USA /AcuSoft, Aegis Technologies, Inc 	





AVCATT Helmet Mounted Display (HMD)



Description/Summary of Program Requirements

The HMD is the primary display system for the Army Aviators using the Aviation Combined Arms Tactical Trainer (AVCATT) system for their collective training needs. The U.S. Army Program Executive Office Simulation, Training and Instrumentation (PEO STRI) has a requirement to manage and resolve obsolescence issues and to provide life cycle upgrades to the AVCATT. Technological advancements in the commercial HMD market suggest greater reliability and faster repair times which will reduce life cycle costs and trainer down time while simultaneously providing equal or greater capabilities. Reduction in overall HMD weight, plus improvements in HMD performance and visual resolution, are desired in order to improve the immersive training environment for Army Aviators. Greater reliability and a shorter repair cycle will be sustainment imperatives for the new HMD to reduce life cycle costs and trainer down time.

ACQUISITION STRATEGY

- Competitive Contract
- Contract award realigned from FY16 to FY17 in order to execute higher priority efforts

PERIOD OF PERFORMANCE

- First Article (one Suite and Labs) – 6 months ACA
- Retrofit 22 Suites – Schedule TBD

MILESTONES

1Q12	2Q15	4Q16	2Q17
RFI	Sources Sought	RFP	Contract Award

POINT OF CONTACT

Organization: PM ITE
Phone: (407) 384-3601
Email: usarmy.orlando.peo-stri.list.pm-ite@mail.mil

FUNDING

- FY17-19 OPA
- Estimated Value: TBD

CURRENT CONTRACT/ORIGINAL DEVELOPER/OEM (IF RECOMPETE)

• The current HMD contract was awarded to Rockwell-Collins Inc. in 2007.





Close Combat Tactical Trainer (CCTT) Post Deployment Software Support (PDSS)



Description/Summary of Program Requirements

The PDSS contract is to continue the maintenance and evolution of the CCTT system software and hardware. The contractor will provide non-personal, technical support services primarily for simulation and military expertise related to CCTT interoperability with the Army's Integrated Training Environment (ITE) family of systems, simulation of and operation and communication with mission command systems, systems and software engineering, life cycle software support, testing, software development, quality assurance, cybersecurity, configuration management, replication, distribution, installation, training and publications support. The contractor must be well versed in industry standard, agile software development methodologies, virtualization technologies and applications and will be driven towards implementing solutions that will extend the useful life of the CCTT system.

ACQUISITION STRATEGY	PERIOD OF PERFORMANCE	MILESTONES			
<ul style="list-style-type: none"> • Single Award IDIQ • Competitive 	<ul style="list-style-type: none"> • Five years 	3Q15  RFI	4Q15  Sources Sought	2Q16  RFP	3Q17  Contract Award
POINT OF CONTACT	FUNDING	CURRENT CONTRACT/ORIGINAL DEVELOPER/OEM (IF RECOMPETE)			
<p>Organization: PM ITE Phone: (407) 384-3601 Email: usarmy.orlando.peo-stri.list.pm-ite@mail.mil</p>	<ul style="list-style-type: none"> • Estimated Value: \$60M 	<ul style="list-style-type: none"> • AVT Simulations 			





Close Combat Tactical Trainer (CCTT) Manned Module Modernization



Description/Summary of Program Requirements

The CCTT Manned Module Modernization contract will be used to update and reduce the complexity of the CCTT manned modules for all M1, M2 and RVS module types. The efforts will include implementation of a new I/O subsystem, analysis and implementation of new visual display components (monitors, projectors, etc.), reduction of module computer hardware, concurrency updates for Reconfigurable Vehicle Simulator (RVS) weapons, updates to the technical data package and hardware procurement and fielding.

ACQUISITION STRATEGY	PERIOD OF PERFORMANCE	MILESTONES			
<ul style="list-style-type: none"> Full & Open Competition 	<ul style="list-style-type: none"> Five years 	4Q15  RFI	2Q16  Sources Sought	4Q16  RFP	3Q17  Contract Award
POINT OF CONTACT	FUNDING	CURRENT CONTRACT/ORIGINAL DEVELOPER/OEM (IF RECOMPETE)			
Organization: PM ITE Phone: (407) 384-3601 Email: usarmy.orlando.peo-stri.list.pm-ite@mail.mil	<ul style="list-style-type: none"> Estimated Value: \$132M 	<ul style="list-style-type: none"> New Requirement 			

