

PEO STRI



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PM, Combined Arms Tactical Trainers (PM CATT)

- **PM CATT Organizational Chart**
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Vision:

Provide Our Soldiers, Sister Services, Allied and Coalition partners with World Class Virtual Simulations and Games for Training Systems and Training Enablers.

Mission:

Provide Focused, Responsive and Timely Acquisition Life-Cycle Management for Collective and Individual Virtual Simulations and Games for Training Systems that are Interoperable with the Live and Constructive Simulation Training Domains.

Motto:

“We don’t make operators, we just make them better”

<u>Program</u>	<u>Office</u>	<u>Status</u>
Boom Operator Simulator System	PM ACTT	Pending Award in FY12
Games for Training Increment II	PM ACTT	Still valid for FY13
Global Hawk Sensor Operator PTT	PM ACTT	On hold from customer
C27 Suite of TADSS	PM ACTT	Canceled by customer
Stryker Maintenance Trainers	PM GCTT	Awarded in FY12
Common Driver Trainer	PM GCTT	Still valid for FY13
Engagement Skills Trainer II	PM GCTT	Still Valid for FY13
Call for Fire Trainer II	PM STS	Pending Award in FY12
MH-47/MH-60 Legacy Upgrade Effort	PM STS	Awarded in FY12
Medical Simulation Training Centers	APM MedSim	Pending Award in FY12

Major Contract Awards September 2011 – May 2012



<u>Program</u>	<u>Award Value</u>	<u>Contract Value</u>
Multiple Amputee Trauma Trainer	\$1.4M	\$1.4M
Royal Saudi Land Forces	\$4.8M	\$4.8M
STRYKER MGS AGTS	\$8.2M	\$8.2M
STRYKER Maintenance Trainers	\$6.2M	\$6.2M
CCTT Image Generators	\$13.6M	\$13.6M
Legacy Upgrade Effort (LUE)	\$6M	\$6M
AVCATT CH47 and UH60 Concurrency	\$32M	\$32M

<u>Program</u>	<u>Office</u>	<u>Potential \$ Value</u>
Games for Training Increment II	PM ACTT	\$50M
AVCATT Reconnaissance and Attack Concurrency Upgrades	PM ACTT	\$48.1M
Kenya Simulator Program	PM ACTT	TBD
Engagement Skills Trainer II	PM GCTT	\$99M
Construction Equipment Virtual Trainers	PM GCTT	\$66M
Common Driver Trainer	PM GCTT	\$62M
Special Operations Forces Requirements, Analysis, Prototyping, Training, Operations and Rehearsal (SOF RAPTOR) III	PM STS	\$98M
Special Operations Forces Aviation Systems Trainers – Enhancements (SOFAST-E)	PM STS	\$30M
Veteran’s Health Administration	APM MEDSIM	\$27M

Description/Summary of Program Requirements

- GFT Increment II must provide all the capabilities of the current flagship system plus:
 - ✓ Be compatible for integration with the LVC-ITE
 - ✓ Improved graphics and physics of models
 - ✓ Mobile and web enabled applications
 - ✓ Improved artificial intelligence
 - ✓ Coalition partner training
 - ✓ API standardization

ACQUISITION STRATEGY	PERIOD OF PERFORMANCE	MILESTONES	
<ul style="list-style-type: none"> • License – Out of STOC, small business set-aside with an annual renewal of the Enterprise license 	<ul style="list-style-type: none"> • License – One year with four option years 	4 th Qtr FY12  RFP Release	3 rd Qtr FY13  Contract Award
POINT OF CONTACT	FUNDING	CURRENT CONTRACT/ORIGINAL DEVELOPER/OEM (IF RECOMPETE)	
Name: PM CATT Organization: Phone: (407)384-3601 Email: CATT@peostri.army.mil	<ul style="list-style-type: none"> • Procurement • Contract Value Estimate: \$50M 	<ul style="list-style-type: none"> • Current License - Laser Shot (VBS2) 	

Description/Summary of Program Requirements

- Upgrade, integration, and testing of the AVCATT AH-64D and OH-58 platforms. Additionally, the upgrade of Unmanned Aerial System (UAS) simulations in AVCATT to include Manned/Unmanned Teaming (MUM-T) training capability.
- Initial delivery order - upgrade of AVCATT Longbow Block II, Lot 10 to Longbow Block II, Lot 13.1.
- Potential other delivery orders include: OH-58D upgrades, OH-58F upgrades, Longbow Block III upgrades, UAS simulations.

ACQUISITION STRATEGY	PERIOD OF PERFORMANCE	MILESTONES	
<ul style="list-style-type: none"> • Single award ID/IQ contract outside of STOC • Small business set aside 	<ul style="list-style-type: none"> • Five year ID/IQ contract 	3 rd Qtr FY12  RFP Release	2 nd Qtr FY13  Contract Award
POINT OF CONTACT	FUNDING	CURRENT CONTRACT/ORIGINAL DEVELOPER/OEM (IF RECOMPETE)	
Name: PM CATT Organization: Phone: (407)384-3601 Email: CATT@peostri.army.mil	<ul style="list-style-type: none"> • Procurement funding (APA/OPA) • Contract Value Estimate: \$48.1M 	<ul style="list-style-type: none"> • L3 Communications (OEM) 	

Description/Summary of Program Requirements

- Provide unit / institutional, indoor, multipurpose, multi-lane, small arms, crew-served, and individual anti-tank training simulation that enables training across three different modes: individual marksmanship; small unit (collective) gunnery and tactical training; and judgmental use of force (shoot/don't shoot), which includes escalation of force / graduated response scenarios.
 - ✓ Small arms (pistols, rifles, carbines, grenade launcher, and shotgun) simulators.
 - ✓ Medium, crew-served weapons and anti-tank weapon simulators and a heavy machine gun simulator.
 - ✓ Maritime and escalation of force / graduated response scenarios.

ACQUISITION STRATEGY	PERIOD OF PERFORMANCE	MILESTONES	
<ul style="list-style-type: none"> • Full and Open Competition • Selected based on Best Value Criteria • Single Award • ID/IQ 	<ul style="list-style-type: none"> • FY13 through FY17 	June 2012  Draft RFP Release	2 nd Qtr FY13  Contract Award
POINT OF CONTACT	FUNDING		CURRENT CONTRACT/ORIGINAL DEVELOPER/OEM (IF RECOMPETE)
Name: PM CATT Organization: Phone: (407)384-3601 Email: CATT@peostri.army.mil	<ul style="list-style-type: none"> • Procurement • Contract Value Estimate: \$99M 		<ul style="list-style-type: none"> • Cubic Defense Applications, Orlando, FL

Description/Summary of Program Requirements

- Provide CEVT simulators to replicate the form, fit, and function of the actual construction equipment controls and provides instructions for basic and advance machine operation through a training curriculum that progress from controls familiarization through complex application tasks.
 - ✓ Reconfigurable (Hydraulic Excavator-HYEX, Grader, Scraper, Wheel Loader-WL, and Dozer) simulators.
 - ✓ Provide training in dangerous conditions and other geo-typical databases.
 - ✓ Train basic and advance Construction Equipment (CE) operator skills.
 - ✓ Fully narrated, interactive operator training on daily service checks, startup and operation, safety, and emergency response drills.
 - ✓ Three Degrees of Freedom, Motion Based Platform.

ACQUISITION STRATEGY	PERIOD OF PERFORMANCE	MILESTONES	
<ul style="list-style-type: none"> • TBD pending approval of the Acquisition Plan • Selected based on Best Value Criteria 	<ul style="list-style-type: none"> • FY13 through FY17 	TBD  Draft RFP Release	3 rd Qtr FY13  Contract Award
POINT OF CONTACT	FUNDING		CURRENT CONTRACT/ORIGINAL DEVELOPER/OEM (IF RECOMPETE)
Name: PM CATT Organization: Phone: (407)384-3601 Email: CATT@peostri.army.mil	<ul style="list-style-type: none"> • Procurement • Contract Value Estimate: \$66M 		

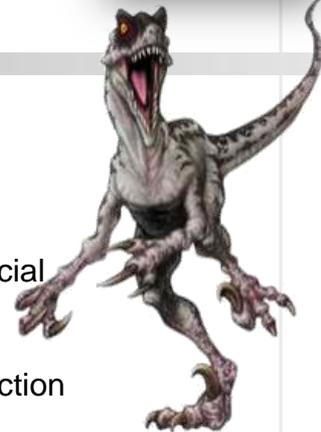
Description/Summary of Program Requirements

- Provide initial and sustainment vehicle driver training simulation for Soldiers at both operational units and institutional training installations.
- The vehicle cab variants are modular and interchangeable allowing multiple vehicle variant training on one common platform.
 - ✓ Common platform and instructor station able to support multiple driver cabs.
 - ✓ Geo-specific terrain database that supports multiple driving environments using SE Core, terrain database.
 - ✓ Scenario generation system to develop additional training events at the unit / institution level.

ACQUISITION STRATEGY	PERIOD OF PERFORMANCE	MILESTONES	
<ul style="list-style-type: none"> • STOC II, Small Business Set Aside • Selected based on Best Value Criteria 	<ul style="list-style-type: none"> • FY13 through FY17 	3 rd Qtr 2012  Draft RFP Release	2 nd Qtr FY13  Contract Award
POINT OF CONTACT	FUNDING	CURRENT CONTRACT/ORIGINAL DEVELOPER/OEM (IF RECOMPETE)	
Name: PM CATT Organization: Phone: (407)384-3601 Email: CATT@peostri.army.mil	<ul style="list-style-type: none"> • Procurement • Contract Value Estimate: \$62M 	<ul style="list-style-type: none"> • SAIC, Orlando, FL 	

Description/Summary of Program Requirements

- Agile and responsive IDIQ contract to meet the demanding needs of Joint/Special Forces Organizations.
 - Difficult to define what and when we will need to provide the customers.
 - Potential for extensive variability in annual use (both funding and effort).
 - Will require rapid proposal and contracting timelines.
- Specialized engineering services and program management operating in a flexible and responsive environment to provide training, preparation and rehearsal capabilities required to successfully carry out special operations missions.
- Mix of Live, Virtual and Constructive simulation applications.
- Instructors and Courses for specialty training, On-site or Satellite Courses, Courseware / Program of Instruction (POI) Development.
- Operations and maintenance services of training systems and infrastructures.



ACQUISITION STRATEGY	PERIOD OF PERFORMANCE	MILESTONES		
<ul style="list-style-type: none"> • ID/IQ outside of STOC II • Competitive • Small Business Set Aside • Maximize Firm Fixed Price • Single award with option years 	<ul style="list-style-type: none"> • Base Period: 12 Months • Options: Four one-year options 	3 rd Qtr FY12  Industry Day	4 th Qtr FY12  RFP Release	1 st Qtr FY13  Contract Award
POINT OF CONTACT	FUNDING	CURRENT CONTRACT/ORIGINAL DEVELOPER/OEM (IF RECOMPETE)		
Name: PM CATT Organization: Phone: (407)384-3601 Email: CATT@peostri.army.mil	<ul style="list-style-type: none"> • Funding: RDT&E, Procurement, and O&M • Contract Value Estimate: \$98M 	<ul style="list-style-type: none"> • Based on SOF RAPTOR II vehicle • Nova Technologies, Inc. 		

Description/Summary of Program Requirements

- Enhancements to the Special Operations Aviation (SOA) suite of Training Systems.
- Modifications to SOA Combat Mission Simulators (CMS) to include, but not limited to,
 - Aerodynamics and engine models.
 - Instructor Operator Station (IOS) pages and IOS station.
 - Cockpit hardware/software/OFP updates to maintain aircraft concurrency.
 - Recapitalization of computer systems, CMS visual systems and databases.
 - Updates to Computer Generated Forces (CGF) entities and behaviors.
 - Integration efforts (CAAS, Radar/Sensors, etc.).
 - Interoperability functionality and infrastructure.
- Includes peripheral equipment and capabilities that support simulation training: Mission Rehearsal Operations Center, Desk Top Trainers and associated systems.



MH-60M

M/AH-6M



MH-47G

ACQUISITION STRATEGY	PERIOD OF PERFORMANCE	MILESTONES		
<ul style="list-style-type: none"> • TBD 	<ul style="list-style-type: none"> • Base Period: 12 Months • Options: Four one-year options 	2 nd Qtr FY12 ▲ RFI Released	4 th Qtr FY12 ▲ RFP Release	2 nd Qtr FY13 ▲ Contract Award
POINT OF CONTACT	FUNDING	CURRENT CONTRACT/ORIGINAL DEVELOPER/OEM (IF RECOMPETE)		
Name: PM CATT Organization: Phone: (407)384-3601 Email: CATT@peostri.army.mil	<ul style="list-style-type: none"> • Funding: RDT&E, Procurement and O&M • Contract Value Estimate: \$30M 	<ul style="list-style-type: none"> • Original Manufacturer (OEM): CAE • Modifications: Nova Technologies, CymSTAR, Rockwell Collins • Current Legacy Upgrade Effort: AEgis 		

Description/Summary of Program Requirements

- The VHA Under-Secretary for Health established the SimLEARN Program in July 2009 to develop a VHA-wide approach to clinical simulation training, education and research. The VHA SimLEARN National Center for simulation-based medical education will be built on the campus of the new Orlando VHA Medical Center and is scheduled to be operational in Fiscal Year 2012.
- Blanket purchase agreements for ALS Supplies, ACLS Supplies for 200 sites, AED Trainers for 150 Sites, ACLS Airway Materials, BLS Manikins for 150 sites.

ACQUISITION STRATEGY	PERIOD OF PERFORMANCE	MILESTONES	
<ul style="list-style-type: none"> • Full and Open & Small Business Set Asides • Multiple Awards 	<ul style="list-style-type: none"> • Base period plus two option years 	3 rd Qtr FY12  RFQ's Released	4 th Qtr FY12  Contracts Awarded
POINT OF CONTACT	FUNDING	CURRENT CONTRACT/ORIGINAL DEVELOPER/OEM (IF RECOMPETE)	
Name: PM CATT Organization: Phone: (407)384-3601 Email: CATT@peostri.army.mil	<ul style="list-style-type: none"> • VHA • Contract(s) Value Estimate: \$27M 		

Program Successes



**Collective Platform Trainer
Abram's – Bradley's &
HUMMVE's**



**Collective Aviation
Trainer & Games
For Training**



**Ground Combat
Gunnery &
Common Driver
Trainers**

**Special Forces Aviation
& Call For Fire Trainers**



**Medical Simulation training:
Combat Medic and
Basic life saver training**



Project Manger Combined Arms Tactical Trainers Retirement Of Charter Ceremony 29 Jun 2012



**Thank you! – For Helping Us Put
The Power Of Simulations Into The Hands
Of Our Soldiers**