

TRAINING & SIMULATION INDUSTRY SYMPOSIUM

June 18 & 19, 2008 • Rosen Centre Hotel • Orlando, FL





Mr. Fran Fierko
Deputy Project Manager

PM CATT



TRAINING & SIMULATION INDUSTRY SYMPOSIUM 2008

Project Manager Combined Arms Tactical Trainers



Project Manager
CATT = Virtual
COL Francisco Espallat
(21 July 08)



Assistant
Project Manager
Close Combat
Tactical Trainer
(APM CCTT)
Mr. John Foster



Assistant
Project Manager
Medical
Simulations
(APM MedSims)
LTC Dave Thompson



Assistant
Project Manager
Synthetic
Environment - Core
(APM SE Core)
Mr. John Womack



Product Manager
Air and Command
Tactical Trainers
(PM ACTT)
LTC Gary Stephens



Product Manager
Ground Combat
Tactical Trainers
(PM GCTT)
LTC Charles Stein
(8 July 08)



Product Manager
Special Operations
Forces Training
Systems (PM STS)
LTC Lee Dunlap

PM CATT Mission

Manage the Acquisition, Fielding, and Life Cycle Support of Virtual Training Aids, Devices, Simulators, and Simulations (TADSS).

- ❑ **Support Individual, Institutional, and Collective Training Requirements for the Current and Future Force by Providing Correlated, Multi-Purpose Capable Products Including *Training, Mission Planning and Mission Rehearsal*,**
- ❑ **Develop and Maintain a *Virtual Simulation Architecture (VSA)* & Product Line Processes for Virtual Simulation,**
- ❑ **Ensure Development and Fielding of *Interoperable, Non-Proprietary*, Virtual Solutions That Meet, or Exceed, Our Warfighters' Requirements.**



APM CCTT



Mr. John Foster
Assistant Project Manager
Close Combat Tactical Trainer

Close Combat Tactical Trainer



Description:

The Close Combat Tactical Trainer (CCTT) has a requirement for concurrency of Abrams and Bradley's simulators, obsolesces of hardware, modifications to fielded equipment to meet changes on requirements and procurement of hardware technology.

Acquisition Strategy

STOC II
GFI provided

Funding

Contract (s) Estimate:
- \$100M+

Point of Contact

Name: John Foster
Phone: (407) 384-3814
Email: john.david.foster@us.army.mil

Milestones

4 th Qtr FY 08	1 st Qtr FY 09	TBD
▲	▲	▲
RFP Release	Contract Award	Delivery of First

APM SE Core



Mr. John Womack
Assistant Project Manager
Synthetic Environment Core

Synthetic Environment Core



Description:

The Synthetic Environment Core (SE Core) program is a R&D effort that will build the Army's Common Virtual Environment (CVE) to:

- Provide a Virtual Architecture to guide future virtual simulation
- Promote Reuse and Develop Common Virtual Components
- Implement "Virtual" in the Live-Virtual-Constructive Integrating Architecture (LVC) for interoperability and linkage of Future Combat Systems (FCS) embedded LVC with legacy forces. SE Core will also develop a standard/rapid terrain generation capability and establish multiple database production facilities. SE Core prime contractors perform trade studies to evaluate existing capabilities.

Acquisition Strategy

Current STOC Awards:

- SAIC - Architecture and Integration (A&I)
- CAE - Database Virtual Environment Development (DVED)

Funding

Contract (s) Estimate:
\$100M+

Point of Contact

Name: John Womack
 Phone: (407) 384-3572
 Email: john.h.womack@us.army.mil
 SAIC: Elizabeth Burch, 407-243-3725
 CAE: Steve Hopkins, 407-384-4543

Milestones

2Q08	4Q08	3Q09	Continuous
▲	▲	▲	▲
Common Models	Terrain Database Generation	A&I Contract Recomplete	Source Data Manipulation Tools

APM Medical Simulations



LTC David Thompson
Assistant Project Manager
Medical Simulations (MedSims)

Medical Simulations (MedSims)



Description:

The Medical Simulation Training Center program has a requirement to field patient mannequins, and medical patient training components to support Combat Life Saver and Combat Medic training. PM CATT seeks to establish an ID/IQ contract vehicle to support medical virtual patient system requirements in the future.



Acquisition Strategy

Full and Open Competition
ID/IQ - FFP
Selected based on Best Value

Point of Contact

Name: LTC Dave Thompson
Phone: (407) 384-5385
Email: david.thompson7@us.army.mil

Funding

Contract (s) Estimate:
– \$25M ceiling

Milestones

3 rd Qtr FY 08	4 th Qtr FY 08	Various
▲	▲	▲
RFP Release JUL 08	Contract Award NOV 08	RFT

PM ACTT



LTC Gary Stephens
Product Manager
Air & Command Tactical Trainers

Games For Training (GFT)



Description:

- ❑ New Program of Record established to leverage and influence game technologies to rapidly deliver relevant training capabilities to support current and future Soldier, leader, and collective training and mission rehearsal.
- ❑ The default acquisition strategy is the purchase of multiple COTS/GOTS products (non-developmental).
- ❑ The desired game technology will allow units to rapidly introduce lessons learned into a realistic semi-immersive, virtual environment.

Acquisition Strategy

Full and Open or STOC II
 Unlimited data or government purpose rights
 Common Battle Command Simulation equipment
 hardware platform capable

Funding

FY 10-15 \$35M

Point of Contact

Name: Leslie Dubow
 Phone: (407) 384-3629
 Email: leslie.dubow@us.army.mil

Milestones

1 st Qtr FY10	2 nd Qtr FY10	4 th Qtr FY10
▲	▲	▲
MSC	RFP	1 st Contract Award



PM GCTT



LTC Scott Pulford

Product Manager

Ground Combat Tactical Trainers

Virtual Combat Convoy Training Services



Description:

A Qualified Services List (QSL) under STOC is a streamlined evaluation approach for future VCCT Services. The QSL process is open and continuous and is projected to continue through FY08, but may be extended. QSL is an effort to expedite award of future VCCT task orders for VCCT services. As customers come to PEO STRI for VCCT services, this list of contractors can compete for each new VCCT Services RFP. PM GCTT has awarded VCCT training services for 5 separate locations over the last year. Acquisition timelines are expected to remain under 90 days from receipt of funding to RFT (Ready For Training).

Acquisition Strategy

STOC - FFP
Selected based on Best Value

Point of Contact

Name: Jim Crabtree
Phone: (407) 384-3946
Email: jim.crabtree@us.army.mil

Funding

Contract (s) Estimate:
– \$300K - \$1.5M depending on number of sites and length of services
No new requirements identified for FY08/09

Milestones

Various
▲
RFP
Release

Various + 1 month
▲
Contract
Award

6 – 12 months
▲—▲
PoP

TADSS Shelters



Description:

Ongoing fielding activities for Training Devices require facilities to house them. PEO STRI seeks to establish an ID/IQ contract vehicle to support a variety of TADSS facility requirements in the future. Delivery locations could range from CONUS and OCONUS Army installations, ARNG or AR sites, contingency locations, or Foreign Military Sales.



Acquisition Strategy

Full and Open Competition
ID/IQ - FFP
Selected based on Best Value

Point of Contact

Name: Frank Schlemmer
Phone: (407) 384-5183
Email: frank.e.schlemmer@us.army.mil

Funding

Contract (s) Estimate:
– \$47M ceiling

Milestones

TBD FY09/10

▲
RFP Release

▲
Contract
Award

▲
RFT
Various

SLAMRAAM Suite of TADSS



Description:

The Surface-Launched Advanced Medium Range Air-to-Air Missile (SLAMRAAM) is the Army's future short range air defense weapon. The SLAMRAAM program is intended to eventually replace all the Army's short range air defense weapon systems that employ the Stinger missile. The SLAMRAAM PM has approached PEO STRI with the intent to procure six training systems ranging from Diagnostic Maintenance Trainers to missile and launcher mockups for the Air Defense and Ordnance Munitions & Electronic Maintenance Schools.

Acquisition Strategy

STOC II - FFP
Selected based on Best Value
GFI documentation provided

Funding

Contract (s) Estimate:
– \$25-\$50M

Point of Contact

Name: Stan Carpenter
Phone: (407) 384-5162
Email: stan.carpenter@us.army.mil

Milestones

2nd Qtr FY 09

▲
RDTE
Contract
Award

2nd Qtr FY 11

▲
Production
Contract
Award

Various

▲
Delivery of
trainers (FUE)

Construction Equipment Virtual Trainers



Description:

PM CE/MHE and the Maneuver Support Center have a requirement for up to 100+ high fidelity large scale simulators that replicate the form, fit, feel, function, and controls of various construction equipment systems. The goal is to train operators on the principals of operating the equipment, to include proper tactics and advanced operations, prior to getting in the actual equipment. The simulators will be a mixture of seven different pieces of construction equipment (Hydraulic Excavator, Backhoe Loader, Wheel Loader, Motor Grader, Motorized Scraper, Bull Dozer and Crane).

Acquisition Strategy

STOC II - FFP
Multiple awards?
Selected based on Best Value

Funding

Contract (s) Estimate:
– \$5 to \$25M

Point of Contact

Name: Jim Crabtree
Phone: (407) 384-3946
Email: jim.crabtree@us.army.mil

Milestones

FY 09	FY 10	FY 11
▲	▲	▲
RFP Release	Contract Award	RFT

MRAP Training Devices



Description:

PM MRAP is in the process of developing training requirements to support both home station and theater training for the fleet of MRAP vehicles. Capabilities required include Egress Trainers, Driver Trainers, and Maintenance Trainers. Overall quantities and fielding sites are still being determined.



Acquisition Strategy

Pending Completion of Requirements Determination

Funding

TBD

Point of Contact

Name: MAJ Vernon Myers
Phone: (407) 384-5551
Email: vernon.myers@us.army.mil

Milestones

TBD

Driver Education Training Services



Description:

Field commanders and installations have approached PEO STRI for requirements to train vehicle drivers / operators using a training services acquisition strategy. Training tasks will focus on fundamental driver skills and range up to tactical / combat driving techniques. Potential vehicles to be modeled include the HMMWV, medium and heavy tactical trucks, MRAP vehicles and Privately Owned Vehicles. Acquisition timelines are expected to remain under 90 days from receipt of funding to RFT (Ready For Training).

Acquisition Strategy

STOC – FFP
Selected based on Best Value

Funding

Contract (s) Estimate:
– \$100K to \$1M depending on the number of sites and length of services

Point of Contact

Name: Jim Crabtree
Phone: 407 384-3946
Email: jim.crabtree@us.army.mil

Milestones

FY 09/10	Various + 1 Month	6-12 Months
▲	▲	▲—▲
RFP Release	Contract Award	PoP

Virtual Route Clearance Trainers (VRCT)



Description:

PM Assured Mobility and the Maneuver Support Center have a requirement to develop and field a suite of devices to support each Route Clearance Company (RCC). Three vehicles will form the RCC, including the MPCV (Buffalo), the MMPV (RG-33) and the VMMD (Husky). The elements that make up the VRCT Suite will be two Buffalo, 2 Husky, and 4 RG-33 vehicle training devices.



Acquisition Strategy

STOC - FFP
Multiple awards?
Selected based on Best Value

Funding

Contract (s) Estimate:
– \$50-100M

Point of Contact

Name: Jim Crabtree
Phone: (407) 384-3946
Email: jim.crabtree@us.army.mil

Milestones

TBD

PM STS



LTC Lee Dunlap
Product Manager
Special Operations Forces Training Systems

Special Operations Forces Training, Engineering, and Maintenance Support (SOF TEAMS)



Description:

Acquisition of Contractor Logistics Support (CLS), overall simulator support and maintenance, concurrency upgrades, hardware/software configuration management between systems and mission aircraft. Includes technology insertion and obsolescence management, system enhancements and upgrades related to priority training and mission rehearsal requirements.

Acquisition Strategy

Full and Open Competition

Funding

Contract(s) Estimate:
\$5M – \$25M

Point of Contact

Name: Ms. Jayne McClanahan
Phone: (407) 384-3753
Email: Jayne.McClanahan@us.army.mil

Milestones

4 th Qtr FY 08	2 nd Qtr FY 09	Base year + 4 option years
▲	▲	▲
RFP Release	Contract Award	PoP

MH-47/60 Combat Mission Simulators



Description:

Recapitalization and upgrade of the MH-47E and MH-60K Combat Mission Simulators to SOF modified MH-47G/MH-60M aircraft configurations. These systems will provide the 160th SOAR(A) with concurrent, high-fidelity simulators to support aviator qualification training and mission rehearsal. They will use the USSOCOM Common Database (CDB) to facilitate interoperability with other mission rehearsal systems.

Acquisition Strategy

STOC II

Funding

Contract(s) Estimate:
\$15M – \$28M

Point of Contact

Name: Ms. Rita Simons
Phone: (407) 384-3871
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Milestones

4 th Qtr FY10	2 nd Qtr FY11	4 th Qtr FY13
▲	▲	▲
RFP Release	Contract Award	RFT



PEO STRI

MISSION FIRST ★ PEOPLE ALWAYS

ARMY STRONG.

