



PM TRADE

Update of 11 June 2009

TRAINING & SIMULATION

INDUSTRY SYMPOSIUM

PM TRADE Brief



20 January 2010



TRAINING & SIMULATION

INDUSTRY SYMPOSIUM



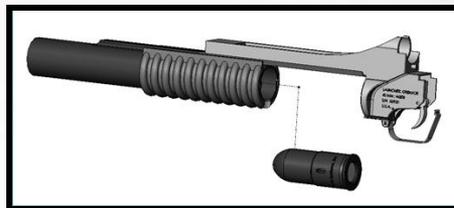
COL Fred Mullins
Project Manager Training Devices
(PM TRADE)



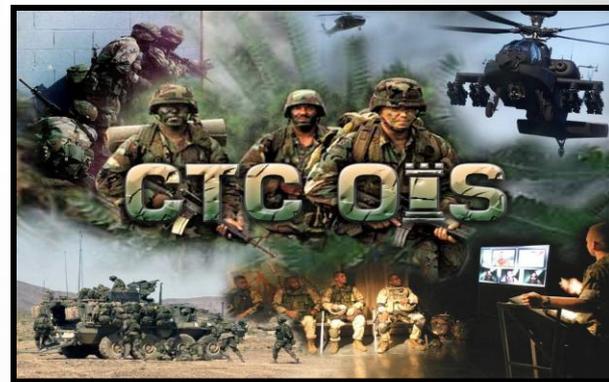
Project Manager Training Devices



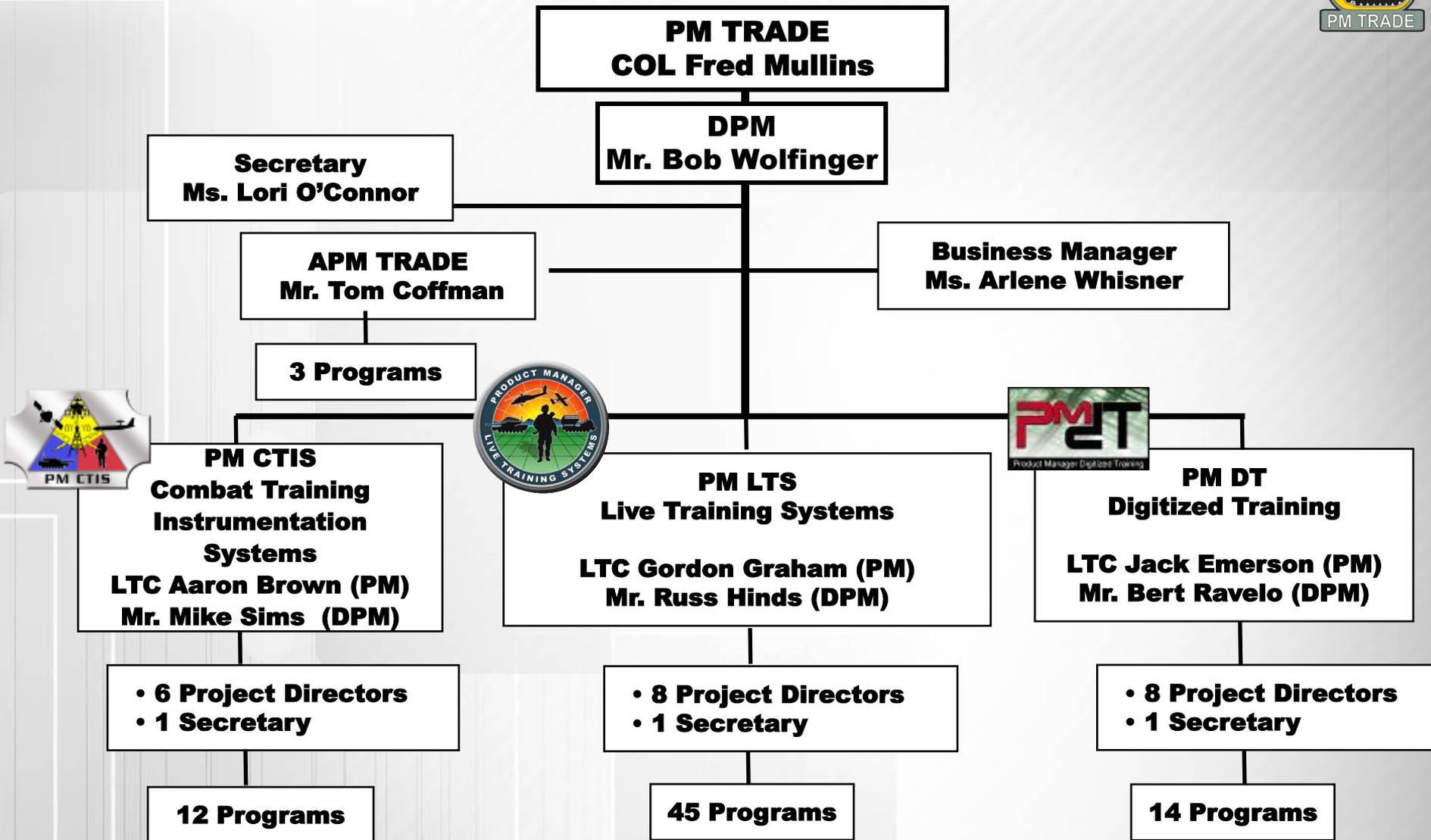
VISION: To be the premier provider of innovative Live training solutions for the Warfighter.



MISSION: To develop, acquire, field and sustain a family of interoperable "Live" training solutions for use at Homestation, Combat Training Centers and deployed sites to improve Warfighter readiness in peace and war.



PM TRADE Project Management Office



Revised PM TRADE Future Competitions



	<u>Program</u>	<u>Release RFP</u>	<u>Award Date</u>
APM TRADE	CPM	3rd Qtr FY 09 4 th Qtr FY 09	4th Qtr FY 09 25 Nov 09 <i>Awarded</i>
	PM CTIS		
	HITS	4th Qtr FY 09 7 Jan 10 <i>Released</i>	2 nd Qtr FY 10
	CTC-IS MOD	4 th Qtr FY 11	2 nd Qtr FY 12
	CIEDAS (New program added after TSIS)	4 Dec 09 <i>Released</i>	2 nd Qtr FY 10
	IRS (New program added after TSIS)	2 nd Qtr FY 10	3 rd Qtr FY 10
PM DT	CARTS	3rd Qtr FY 09 31 Jul 09 <i>Released</i>	4th Qtr FY 09 2 nd Qtr FY 10
	IMTS	3rd Qtr FY 09 18 Dec 09 <i>Released</i>	2nd Qtr FY 10 4 th Qtr FY 10
	DRTS	4th Qtr FY 09 2 nd Qtr FY 10	2nd Qtr FY 10 4 th Qtr FY 10

Consolidated Product – Line Management (CPM)



Description:

- CPM contract will:
 - Centrally execute evolution and sustainment of the Common Training Instrumentation Architecture (CTIA) and Live Training Transformation – Family of Training Systems (LT2-FTS) product line.
 - Protect live training investment, support standardization enabling interoperability (LVC) and reuse.
 - Reduce total product ownership costs.
 - Develop technology to support LT product line evolution.
 - Procure products integrating CTIA and LT components.

Acquisition Strategy

Full open competition (Outside STOC II)
Cost Plus/FFP

Period of Performance

- Base year award with 4 option years

Milestones

3rd Qtr FY 09



RFP
Release

4th Qtr FY 09



Contract
Award

Point of Contact

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Funding

- RDTE/OPA FY 10 – FY 14: \$200 Million

Current Contract/Original Developer/OEM (if recompute)

- General Dynamics C4S
- IDIQ; Outside STOC II

PM TRADE Future Competitions



PM TRADE

<u>Program</u>	<u>Release RFP</u>	<u>Award Date</u>
APM TRADE CPM	3rd Qtr FY 09 4 th Qtr FY 09	4th Qtr FY 09 25 Nov 09
PM CTIS	4th Qtr FY 09 7 Jan 10	2 nd Qtr FY 10
	4 th Qtr FY 11	2 nd Qtr FY 12
	4 Dec 09	2 nd Qtr FY 10
	2 nd Qtr FY 10	3 rd Qtr FY 10
HITS		
CTC-IS MOD		
CIEDAS (New program added after TSIS)		
IRS (New program added after TSIS)		
PM DT	3rd Qtr FY 09 31 Jul 09	4th Qtr FY 09 2 nd Qtr FY 10
	3rd Qtr FY 09 18 Dec 09	2nd Qtr FY 10 4 th Qtr FY 10
	4th Qtr FY 09 2 nd Qtr FY 10	2nd Qtr FY 10 4 th Qtr FY 10
CARTS		
IMTS		
DRTS		

Awarded

Released

Released

Released

Released

Homestation Instrumentation Training System (HITS)



Description:

- Supports full spectrum Contemporary Operational Environment (COE) operations to include collective maneuver, Force on Force training for Platoon through Battalion Units.
- Captures position location and weapons effects data for real time exercise monitoring and After Action Review (AAR) capability.
- Aligns with Army Live Training Transformation (LT2) objectives
- Provides an integrated HITS:
 - 10 plus Battalion Sets plus one company set fielded in FY10-15; 1 to 2 per year
 - Initial sustainment

Acquisition Strategy

Competitive STOC II
STOC II Business Set Aside
Firm Fixed Price

Period of Performance

- Base year award with 4 option years

Milestones

2nd Qtr FY 10


Released
RFP
Release

2nd Qtr FY 10


Contract
Award

Point of Contact

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Funding

- OPA FY10 – FY15: \$20 Million

Current Contract/Original Developer/OEM (if recompute)

- Riptide
- GSA

Combat Training Center Modernization Instrumentation Systems (CTC-IS Mod)



Description:

- Range Data Measurement System (RDMS) upgrade will:
 - Increase Player Unit tracking capability, range coverage, complies with Information Assurance and Spectrum Management requirements, provide network backbone required to host OneTESS while addressing life-cycle sustainment and eliminating obsolescence.
 - Leverage the Army's future common training radio solution
- Observer/Controllers Communication System (OCCS) upgrade will:
 - Provide a secure voice communications compliant with Land-Mobile Radio standard that meets Information Assurance and Spectrum Management requirements. System needs to be frequency programmable, be capable of monitoring and transmitting on single channel nets or call groups of monitoring and transmitting on single channel nets or call groups of multiple channels and interface with radio nets such as MEDEVAC
- Leverage future common training radio solution

Acquisition Strategy

STOC II
Full open Competition
Firm Fixed Price

Period of Performance

- Base year award with 4 option years

Milestones

4th Qtr FY 11



RFP
Release

2nd Qtr FY 12



Contract
Award

Point of Contact

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Funding

- RDMS: OPA FY11-FY15: \$144.3 Million
- OCCS: OPA FY11-FY15: \$94.7 Million

Current Contract/Original Developer/OEM (if recompute)

- None

Counter Improvised Explosive Device After Action Review Systems (CIEDAS)



Description:

PEO STRI Project Manager for Training Devices (PM TRADE) and Product Manager for Combat Training Instrumentation Systems (CTIS) is fielding four Counter Improvised Explosive Device (IED) After Action Review (AAR) Systems (CIEDAS). As such, PM CTIS has a requirement for four (4) wireless Data Collection Systems composed of the integration of Commercial-Off-The-Shelf (COTS) hardware. PM CTIS will field these systems for use at Camp Bullis, TX; Camp Guernsey, WY; Creech AFB, NV; and Tyndall AFB, FL. This effort includes deployment of the systems and initial operator and maintainer training.

Acquisition Strategy

STOC II
Small Business Set Aside
Firm Fixed Price

Period of Performance

- One year

Milestones

4 Dec 09


RFP
Release

2nd Qtr FY 10


Contract
Award

Point of Contact

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Funding

- OPA FY 09: \$10 Million

Current Contract/Original Developer/OEM (if recompute)

- None

Interim Range Systems (IRS)



Description:

PEO STRI Project Manager for Training Devices (PM TRADE) is fielding several systems that require an Interim Range Systems, including but not limited to the Homestation Instrumentation Training System (HITS) and the Exportable Training Capability – Instrumentation System (ETC-IS). PM TRADE has a requirement to procure up to seven (7) Range Systems over the next four years; PM TRADE will not fund any development under this effort. This effort includes production and shipping of the network infrastructure and radio player units, individual and vehicle mounting kits, logistics data, spares, manuals, New Equipment Training, a demo, acceptance test, and technical support to the LT2 system production vendors.

Acquisition Strategy

STOC II
Full open Competition
Firm Fixed Price

Period of Performance

- Base year award with 3 option years

Milestones

2nd Qtr FY 10



RFP
Release

3rd Qtr FY 10



Contract
Award

Point of Contact

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Funding

- OPA FY 10 – FY 13: \$50 Million

Current Contract/Original Developer/OEM (if recompute)

- None

PM TRADE Future Competitions



	<u>Program</u>	<u>Release RFP</u>	<u>Award Date</u>
APM TRADE	CPM	3rd Qtr FY 09	4th Qtr FY 09
		4 th Qtr FY 10	25 Nov 09
PM CTIS	HITS	4th Qtr FY 09	2 nd Qtr FY 10
		2 nd Qtr FY 10	
	CTC-MOD	4 th Qtr FY 11	2 nd Qtr FY 12
	CIEDAS (New program added after TSIS)	4 Dec 09	2 nd Qtr FY 10
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PM DT	CARTS	3rd Qtr FY 09	4th Qtr FY 09
		31 Jul 09	2 nd Qtr FY 10
	IMTS	3rd Qtr FY 09	2nd Qtr FY 10
	18 Dec 09	4 th Qtr FY 10	
	DRTS	4th Qtr FY 09	2nd Qtr FY 10
		2 nd Qtr FY 10	4 th Qtr FY 10

Common Army Ranges and Target Systems (CARTS)



Description:

- Procure Target Systems/Devices in support of ranges defined in Training Circular 25-8, titled Training Ranges, dated April 2004 and Training Circular 25-8-1, Army Special Operations Forces Training Ranges, dated September 2004.
 - Devices to support training ranges requirements include:
 - Target Lifters, Target representation forms, sound devices, illumination devices, olfactory simulators and non-contract hit sensors systems.
 - Efforts include:
 - Hardware, software, devices, planning and design, applications and systems integration, prototyping, logistics, and technical support services.



NOTE: This supersedes the previously issued Integrated Target Systems and Components (ITSC) Request For Proposal.

Acquisition Strategy

Competitive Full & Open Multiple ID/IQ Contract for FY09-13 (Outside STOC II)

Period of Performance

- Base year award with 4 option years

Milestones

2nd Qtr FY 10

Released
RFP
Release

2nd Qtr FY 10

Contract
Award

Point of Contact

Name: Ms. Randi Kahl
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Funding

- OPA Total Contract Value: \$200-400 Million

Current Contract/Original Developer/OEM (if recompute)

- None

Integrated MOUT Training Systems (IMTS)



Description:

- Supports Urban Operations Home Station Training strategy
- IMTS is a fundamental element of the Combined Arms Training Strategy (CATS)
- Provides instrumentation for Combined Arms Collective Training Facility (CACTF), Live Fire Shoot House (LFSH), and Urban Assault Course (UAC).
- Supports Army's training for Urban Operations from Individual through Battalion METL requirements (TC 90-1)
- Satisfies all associated requirements in TC25-8
- Provides fully digital After Action Review (AAR) with take home package capability
- Provides US Army Infantry School approved simple reactive targets (HUTv2)



Acquisition Strategy

Competitive Full & Open (Outside STOC II)
Full open competition
Firm Fixed Price

Period of Performance

- Base year award with 4 option years

Milestones

1st Qtr FY 10


Released
RFP
Release

4th Qtr FY 10


Contract
Award

Point of Contact

Name: Mr. Dave Stewart
Organization: PEO STRI/PMTRADE
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Funding

- OPA FY10-FY15: \$230 Million

Current Contract/Original Developer/OEM (if recompute)

- General Dynamic Information Technology (GDIT)
- STOC

Digital Ranges Training Systems (DRTS)



Description:

- Provides New & Modern Ranges with realistic, train-as-you-fight environment maximizing use of all available combat systems capabilities.
- Provide individual, collective live-fire training and qualification per Training Circular 25-8 with an enhanced training data collection and After Action Review (AAR) capabilities.
- Provides end-to-end instrumentation for the following types of ranges:
 - Digital Multi-Purpose Range Complex (DMPRC)
 - Digital Multi-Purpose Training Range (DMPTR)
 - Battle Area Complex (BAX)
 - Digital Air Ground Integration Range (DAGIR)



Acquisition Strategy

Acquisition Vehicle TBD
Full open competition
Firm Fixed Price

Period of Performance

- Base year award with 4 option years

Milestones

2nd Qtr FY 10



RFP
Release

4th Qtr FY 10



Contract
Award

Point of Contact

Name: Mr. Keith Dunson
Organization: PEO STRI/PMTRADE
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Funding

- OPA FY10-FY15: \$250 Million

Current Contract/Original Developer/OEM (if recompute)

- General Dynamic Information Technology (GDIT)
- STOC

PM TRADE Future Competitions



Program

Release RFP

Award Date

PM LTS

**TVS-MRAP/ASV/
MILES XXI Stryker**

**3rd Qtr FY 09
June 09**

Released

~~**4th Qtr FY 09
2nd Qtr FY 10**~~

MAST

**3rd Qtr FY 09
May 09**

Released

**4th Qtr FY 09
Aug 09**

Awarded

CREW 2 3

~~**1st Qtr FY 10
3rd Qtr FY 10**~~

~~**2nd Qtr FY 10
1st Qtr FY 11**~~

ITAS TESS

~~**4th Qtr FY 09
3rd Qtr FY 10**~~

~~**1st Qtr FY 10
4th Qtr FY 10**~~

~~**OneTESS**~~

~~**TBD**~~

~~**TBD**~~

**MK-19 TES
w/Geo Pairing**

3rd Qtr FY 10

4th Qtr FY 10

Multiple Integrated Laser Engagement System (MILES) Tactical Vehicle Systems (TVS)



Description:

The purpose of the MILES TVS program is to provide real-time casualty effects during tactical engagement training in a Direct Fire, Force-on-Force instrumented/uninstrumented scenario on Tactical Vehicles without Fire Control Systems.



Acquisition Strategy

- STOC II – Firm Fixed Price
- T & M
- Quantity Pricing
- Option Lots

Period of Performance

- Base year award with 4 option years

Milestones

3 rd Qtr FY 09	2 nd Qtr FY 10	Pending
RFP Release	Contract Award	LRIP

Point of Contact

Name: Mr. V. David Mize
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Funding

- OPA: \$125 Million

Current Contract/Original Developer/OEM (if recompute)

- Unitech
- STOC

Man-Portable Aircraft Survivability Equipment (ASE) System Trainer (MAST)



Description:

Generic MANPADS Simulator replicating multiple systems such as SA-7, SA-16, and SA-18 providing rotary wing helicopter pilots the training to evade such threats. The MAST will stimulate the OPERATIONAL Advanced Threat Countermeasure Systems in the aircraft.



Acquisition Strategy

Competitive STOC II
Firm Fixed Price
T & M Quantity Pricing
Option Lots

Period of Performance

- Base year award with 4 option years

Milestones

3 rd Qtr FY 09	4 th Qtr FY 09
 RFP Release	 Contract Award

Point of Contact

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Funding

- OPA Total Contract Value: \$104 Million FY09-14

Current Contract/Original Developer/OEM (if recompute)

- None

Counter Radio (Controlled Improvised Explosive Device) Electronic Warfare (CREW), 3 Re-Compete



Description:

Counter Radio (Controlled Improvised Explosive Device) Electronic Warfare (CREW), Increment 3 training system program shall recreate the battlefield RF environment and emissions conditions of the CREW 3 (Duke, CVRJ, and MMBJ) (Mounted) and QRD (Dismounted). CREW devices in a virtual environment thus relieving adherence to Requirements imposed by the Federal Communications Commission (FCC) and the Federal Aviation Administration (FAA) for RF emissions.

Acquisition Strategy

Competitive STOC II
Firm Fixed Price
T & M Quantity Pricing
Option Lots

Period of Performance

- Base year award with 4 option years

Milestones

3rd Qtr FY 10



RFP (Draft)
Release

1st Qtr FY 11



Contract
Award

Point of Contact

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Funding

- OPA Total Contract Value: \$15 Million FY10-14

Current Contract/Original Developer/OEM (if recompute)

- Unitech
- STOC

Improved Target Acquisition System – Tactical Engagement Simulation System (ITAS TESS)



Description:

Provide an improved Soldier Friendly Tactical Engagement Simulation capability for TOW ITAS that can be used in Force-on-Force Exercises at Home Stations and the CTCs.



Acquisition Strategy

Competitive STOC II
 Firm Fixed Price
 T & M Quantity Pricing
 Option Lots

Period of Performance

- Base year award with 4 option years

Milestones

3rd Qtr FY 10



RFP
 Release

4th Qtr FY 10



Contract
 Award

Point of Contact

Name: Mr. Andrew Echols
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Funding

- OPA Total Contract Value: \$12 Million FY10-14

Current Contract/Original Developer/OEM (if recompute)

- ICE
- STOC

One Tactical Engagement Simulation Systems (OneTESS)



Description:

One Tactical Engagement Simulation Systems will provide a live, combined arms Force-on-Force and Force-on-Target training for Brigade Combat Teams and Maneuver Combat Training Centers, Home Stations, and deployed sites. May also be used in Operational Testing environments.



T = Tentative

Acquisition Strategy

Competitive STOC II

(T) Firm Fixed Price

Period of Performance

- Base year award with 4 option years

Milestones

1st Qtr FY 11



(T) ASARC

2nd Qtr FY 11



(T) MSC

Point of Contact

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Funding

- OPA: TBD
- RDT&E: FY10-FY15 \$60 Million

Current Contract/Original Developer/OEM (if recompute)

- GDC4S
- STOC

MK-19 TES w/Geo Pairing



Description:

- The purpose of this support mission funded effort is to:
 - Provide new and/or replacements to existing MK-19 Simulation Player Units (SPU) that are used in the Army's force-on-force training exercises with devices that provide better training fidelity for Geo Pairing (GP), as well as laser base capabilities.
 - Reduced MK-19 GP SPU life-cycle support costs.
 - Spin-out OneTESS Non-Line of Sight technologies into these training devices and sites.
 - Provide a contractual vehicle for FMS, Homeland Defense or other services, as needed.



Acquisition Strategy

Competitive STOC II
Firm Fixed Price
T & M Quantity Pricing
Option Lots Current Geometric Pairing
Configuration for all CTCs, I-HITS, plus Recoil, Jamming, and Heads-Up Display

Period of Performance

- Base year award with 4 option years

Milestones

3 rd Qtr FY 10	4 th Qtr FY 10	Aug 2010
		
RFP Release	Contract Award	LRIP

Point of Contact

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Funding

- OPA Total Contract Value: \$7.6 Million FY 10

Current Contract/Original Developer/OEM (if recompute)

- Sierra Nevada
- STOC

PM TRADE Contact Information



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