

PEO  
**STRI**

# TRAINING & SIMULATION

INDUSTRY SYMPOSIUM



*COL Mike Flanagan*

*Project Manager  
Training Devices*

PM TRADE





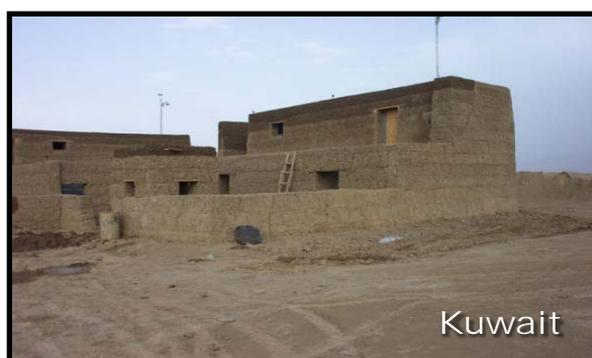
# Project Manager Training Devices



**VISION:** To be the first-choice provider of innovative Live Training solutions for the Warfighter and Coalition Partners.



**MISSION:** Lifecycle management of collective Live Training capabilities that are interoperable with Virtual and Constructive simulations for use at Homestations, Maneuver Combat Training Centers and deployed sites to improve Warfighter readiness in peace and war.





# PM TRADE Project Management Office



**PM TRADE**  
COL Mike Flanagan

**DPM**  
Mr. Bob Wolfinger



**PM CTIS**  
LTC Chuck Worshim

**PM DT**  
LTC Craig Ravenell

**PM LTS**  
LTC (P) Gordon Graham

**APM FMS**  
LTC Aleandre

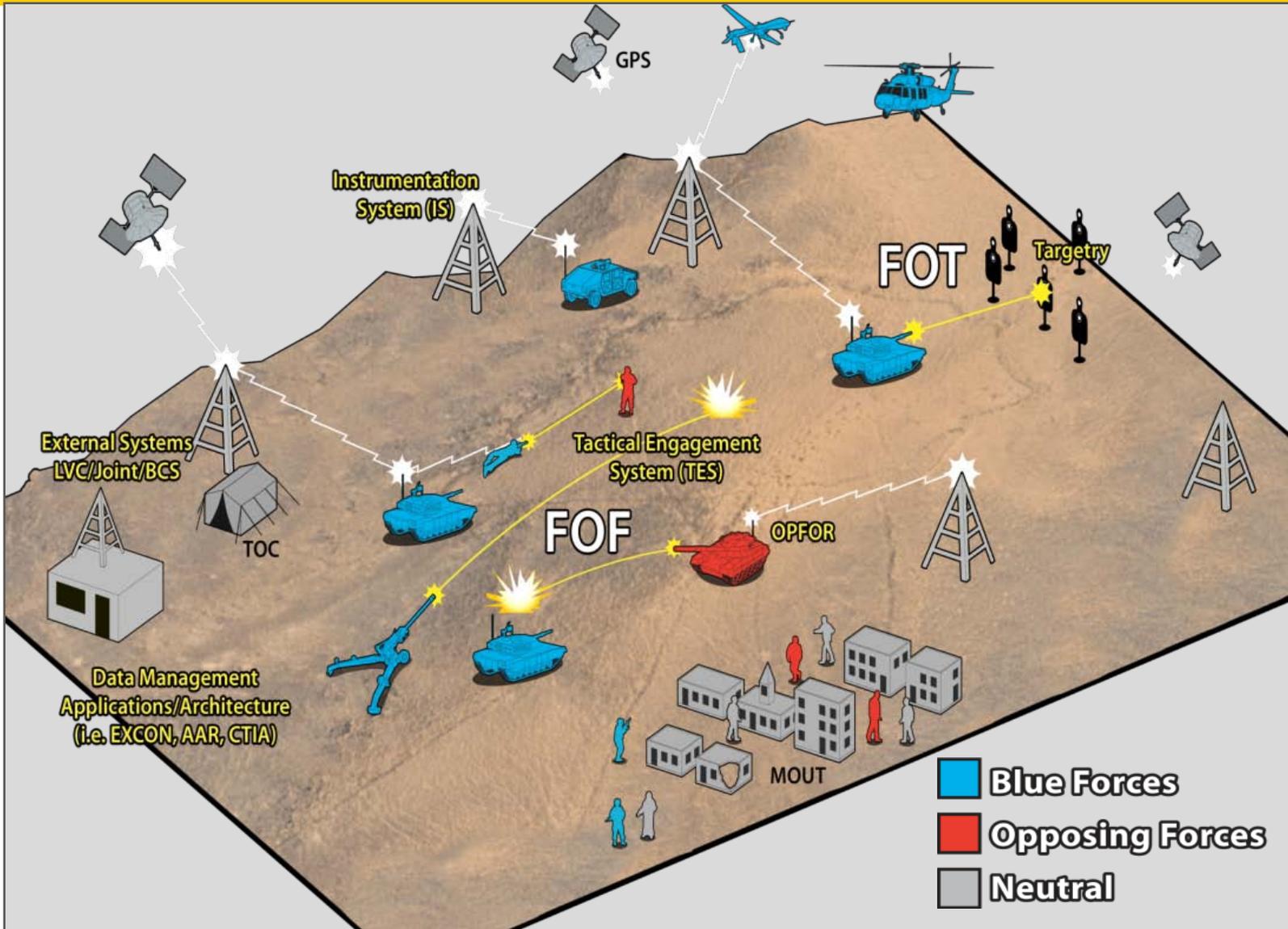
**APM TRADE**  
Mr. Tom Coffman

# PM Goals with Industry



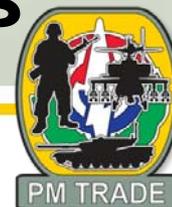
- Teamwork is #1
- Communication...
  - Industry Days will be the norm
  - Technology workshops...
  - LT2 portal
- Improve acquisition processes
  - Tiger Team initiated 12 Aug 10
  - Update on all Acquisitions every Industry Day
  - Draft RFPs

# Live Training System of Systems



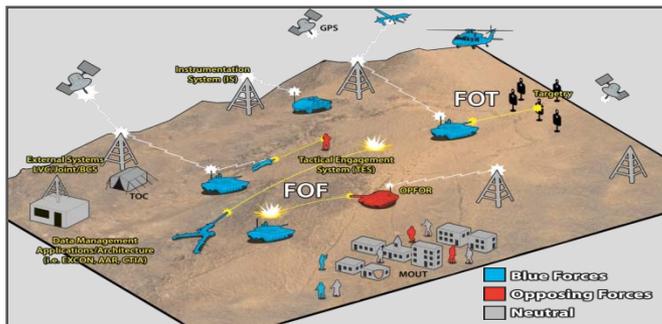


# PM TRADE Future Competitions



## PM CTIS

<u>PROGRAM</u>	<u>RFP RELEASE</u>	<u>AWARD DATE</u>
HITS EXCON	01/31/2011	06/03/2011
CTC-IS Mod	04/01/2011	12/10/2011





# Homestation Instrumentation Training System EXCON (HITS EXCON)



## Description/Summary of Program Requirements

Provides deployable instrumented training capability to support platoon thru battalion level Live collective Force-on-Force maneuver training. HITS tracks locations of soldiers and vehicles and simulates weapons effects, allowing units to Train as they Fight against living opponents. HITS provides accurate feedback to training units. HITS consists of deployable components that can be rapidly assembled/disassembled and transported to support deployed training. HITS is integrated with legacy and future TES. HITS provides the Live domain for Live-Virtual-Constructive training integration.

<p><b>Acquisition Strategy</b></p> <ul style="list-style-type: none"> <li>• 8(a) Competitive Competition outside of STOC</li> <li>• Firm Fixed Price</li> </ul>	<p><b>Period of Performance</b></p> <ul style="list-style-type: none"> <li>• Base year award with 4 option years</li> <li>• Qty: 14 sites</li> </ul>	<p><b>Milestones</b></p> <table border="0"> <tr> <td style="text-align: center;">01/31/2011</td> <td style="text-align: center;">06/03/2011</td> </tr> <tr> <td style="text-align: center;"></td> <td style="text-align: center;"></td> </tr> <tr> <td style="text-align: center;">RFP Release</td> <td style="text-align: center;">Contract Award</td> </tr> </table>	01/31/2011	06/03/2011			RFP Release	Contract Award
01/31/2011	06/03/2011							
								
RFP Release	Contract Award							
<p><b>Point of Contact</b></p> <p>Name: Mike Chura          Organization: PEO STRI / PM TRADE          Phone: (407) 384-5280          Email: <a href="mailto:michael.chura@us.army.mil">michael.chura@us.army.mil</a></p>	<p><b>Funding</b></p> <ul style="list-style-type: none"> <li>• OPA FY11-15: \$28 Million             <ul style="list-style-type: none"> <li>○ HITS EXCON Contract</li> </ul> </li> </ul>	<p><b>Current Contract/Original Developer/OEM (if recompetete)</b></p> <p>HITS Proof of Concept RD Phase completed by a single contractor in support of HITS Build to Print Productions Contract. First system built by IPKEYS, a SBA 8(a) Program Participant.</p>						



# Combat Training Center Instrumentation System Modernization (CTC-IS Mod)



## Description/Summary of Program Requirements

- Range Communications System (RCS) Modernization will replace obsolete communications equipment and infrastructure for live entity instrumentation and OC voice communications at Maneuver CTCs.
- Joint Multinational Readiness Center upgrade to the LT2 Product Line. Replace obsolete instrumentation systems with modern common LT2 products already fielded to the other MCTCs.
- CTC Mobile Video modernization. Upgrade mobile video capability with state-of-the-art Electronic News Gathering (ENG) cameras and mobile video collection capability.
- Spectrum Monitoring and Engineering Control System (SMECS) modernization. Upgrade the capability to monitor and analyze use of the electromagnetic spectrum for both training and administrative purposes.
- After Action Review (AAR) modernization. Upgrade the portable, mobile, and fixed theater AAR presentation capability.



### Acquisition Strategy

### Period of Performance

### Milestones

- Acquisition Strategy under Development

- Base year award with 4 option years
- Other Contract vehicles as needed

04/01/2011

12/10/2011



RFP  
Release



Contract  
Award

### Point of Contact

### Funding

### Current Contract/Original Developer/OEM (if recompetete)

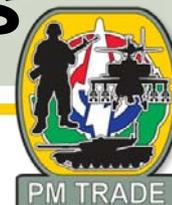
Name: Ms. Anne Dunlap  
 Organization: PEO STRI / PM TRADE  
 Phone: (407) 384-3615  
 Email: [anne.dunlap1@us.army.mil](mailto:anne.dunlap1@us.army.mil)

- RDTE FY 11 - 16: \$37.9 Million
- OPA FY 12 - 17: \$311.7 Million

- Multiple contractors provide the current capabilities at the CTCs. The LT2 Strategy provides for instrumentation systems components common to all CTCs



# PM TRADE Future Competitions



## PM DT

### PROGRAM

### RFP RELEASE

### AWARD DATE

### CARTS IDIQ

Range Data System  
Standard Silhouettes  
(Modular Design)

1QTRFY11

2QTRFY11

2QTRFY11

3QTRFY11

PDSS for Ranges

2QTRFY11

3QTRFY11

Fuel Cell Integration

3QTRFY11

4QTRFY11

Trackless Movers

3QTRFY11

4QTRFY11

HITS Sensor

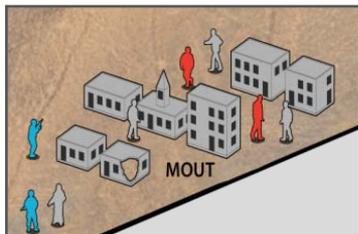
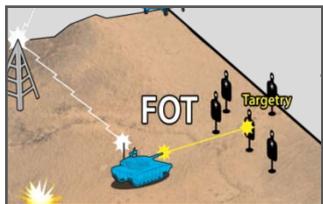
3QTRFY11

4QTRFY11

Update TRACR

3QTRFY11

4QTRFY11



**ABOVE RFPs WILL BE COMPETED WITHIN THE AWARDED CARTS IDIQ**



# Common Army Ranges and Target Systems (CARTS) awarded IDIQ



## Description/Summary of Program Requirements

The CARTS ID/IQ contracts provides a contractual vehicle to support the fabrication, integration, deployment, and maintenance of components in support of training ranges, both as integral components of larger ranges, or integrated entireties of smaller ranges, FASIT and non-FASIT target systems and components, Subject Matter Experts (SMEs) and engineering services .

- LOT I – RANGE DEVICES
- LOT II – RANGE SYSTEMS, ENGINEERING, AND INTEGRATION
- LOT III – TARGET SILHOUETTES
- LOT IV – NON-PERMANENT -LIVE FIRE TRAINING FACILITIES

<b>Acquisition Strategy</b> <ul style="list-style-type: none"> <li>• LOTS 1 &amp; II for Full &amp; Open Competition</li> <li>• LOTS III &amp; IV for Small Business</li> </ul>	<b>Period of Performance</b> <ul style="list-style-type: none"> <li>• Base Award plus 4 Option Years</li> </ul>	<b>Milestones</b> <div style="text-align: center;">  <p>Contract Award</p> <div style="border: 1px solid black; padding: 5px; display: inline-block;"> <b>IDIQ Awarded 10 Sep 2010</b> </div> </div>
<b>Point of Contact</b> <p>Name: Randi Kahl          Organization: PEO STRI / PM TRADE          Phone: (407) 384-5194          Email: <a href="mailto:randi.kahl@us.army.mil">randi.kahl@us.army.mil</a></p>	<b>Funding</b> <p>Contract Type – FFP, Cost Reimbursement (CPFF, CPIF), and T&amp;M</p> <p>Contract Ceiling: \$400M</p>	<b>Current Contract/Original Developer/OEM (if recompete)</b>



# PM TRADE Future Competitions



**PROGRAM**

**RFP RELEASE**

**AWARD DATE**

## ***PM LTS***

**I-MILES SLM**

**01/14/2011**

**07/14/2011**

**I-MILES CVTESS**

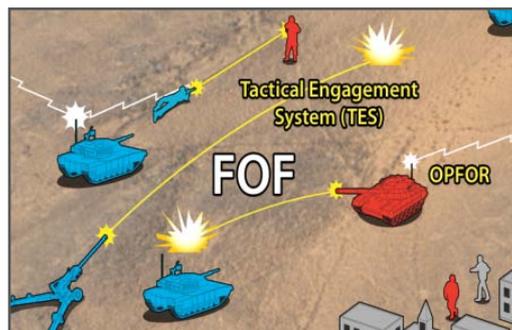
**12/13/2010**

**06/29/2011**

**I-MILES IWS**

**01/10/2011**

**05/01/2011**





# I-MILES Shoulder Launched Munitions (SLM) Re-compete



## Description/Summary of Program Requirements

### I-MILES Shoulder Launched Munitions (SLM) Re-compete

Training system program to be used by BLUFOR and OPFOR soldiers in a Force-On-Force environment to replicate the AT4 and Bunker Defeat Munitions (BDMs) by the BLUFOR and the RPG-7, Panzerfaust, RPG-29, RPG-27, and Eryx by the OPFOR. The re-compete follows a similar Engine/VISMOD (Visual Modifications) concept as the legacy contract where a common engine is utilized for each type of VISMOD fielded. All items fielded under the re-compete will be compatible with the existing engine and VISMODs fielded under the legacy SLM contract from 2007-2010.



#### Acquisition Strategy

- Competitive STOC II Award
- Firm Fixed Price
- Base Award w/ Option Lots

#### Period of Performance

- Base year award with 4 option years
- Qty: 2,000 BDM  
2,500 OPFOR variants

#### Milestones

01/14/2011



RFP  
Release

07/14/2011



Contract  
Award

#### Point of Contact

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 Organization: PEO STRI / PM TRADE  
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 Email: [andrew.echols@us.army.mil](mailto:andrew.echols@us.army.mil)

#### Funding

- OPA Total Contract Value: \$20 Million  
FY 11 - 15

#### Current Contract/Original Developer/OEM (if re-compete)

- Current Contract Type: FFP
- Contractor: Lockheed Martin GT&L



# I-MILES Combat Vehicle TESS (CVTESS)



## Description/Summary of Program Requirements

**I-MILES Combat Vehicle Tactical Engagement Simulation Systems (CVTESS)** provides live training devices for armored vehicles with fire control systems consisting of the Bradley Fighting Vehicle and Abrams Tank. CVTESS is an evolutionary upgrade from legacy Combat Vehicle devices, providing better training fidelity for force-on-force operations. It interfaces with training instrumentation systems providing casualty and battlefield damage assessments for After Action Reviews (AAR).



### Acquisition Strategy

- Competitive STOC II Award
- Firm Fixed Price
- T & M CLINS for Support
- Base Award w/ Option Lots

### Period of Performance

- Base period plus 4 options (FY11-FY15)

### Milestones

12/13/2010



RFP Release

06/29/2011



Contract Award

### Point of Contact

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 Organization: PEO STRI/PM TRADE  
 Phone: (407) 384-5222  
 Email: [michael.bergman@us.army.mil](mailto:michael.bergman@us.army.mil)

### Funding

- Possible funding: \$100M

### Current Contract/Original Developer/OEM (if recompetete)

- Current Contract Type: FFP
- Contractor: TBD



# I-MILES Individual Weapon Systems (IWS)



## Description/Summary of Program Requirements

### I-MILES Individual Weapon Systems 2010

System provides real-time casualty effects necessary for tactical engagement training in Direct Fire force on force training scenarios and instrumented training scenarios. The IWS detector harness is instrumentable and compliant with CTC ICD's. Event data can be downloaded for use in an After Action Review (AAR). I-MILES IWS 2010 replaces Basic MILES Individual Weapon Systems (IWS) at home stations and Maneuver Combat Training Centers Army wide IAW Distribution Plan Version 5.09.5.



<b>Acquisition Strategy</b> <ul style="list-style-type: none"> <li>• Competitive STOC II Award</li> <li>• Firm Fixed Price</li> <li>• T &amp; M CLINS for Support</li> <li>• Base Award w/ Option Lots</li> </ul>	<b>Period of Performance</b> <ul style="list-style-type: none"> <li>• Base Award in FY 11</li> <li>• Options Lots FY 12-15</li> </ul>	<b>Milestones</b> <table border="0" style="width: 100%;"> <tr> <td style="text-align: center;">01/10/2011</td> <td style="text-align: center;">05/01/2011</td> </tr> <tr> <td style="text-align: center;">                       RFP Release                 </td> <td style="text-align: center;">                       Contract Award                 </td> </tr> </table>	01/10/2011	05/01/2011	 RFP Release	 Contract Award
01/10/2011	05/01/2011					
 RFP Release	 Contract Award					
<b>Point of Contact</b> <p>Name: Mr. David Brunat                  Organization: PEO STRI/ PM TRADE                  Phone: (407)384-5278                  Email: <a href="mailto:david.brunat@us.army.mil">david.brunat@us.army.mil</a></p>	<b>Funding</b> <ul style="list-style-type: none"> <li>• OPA (Mission)</li> <li>• FY 11 - \$57.8M</li> <li>• FY 12 - \$57.8M</li> <li>• FY 13 - \$57.8M</li> <li>• FY 14 - \$57.8M</li> </ul>	<b>Current Contract/Original Developer/OEM (if recompetete)</b> <ul style="list-style-type: none"> <li>• Current Contract Type: FFP</li> <li>• Contractor: Cubic Defense Applications</li> </ul>				



# PM TRADE Programs in Proposal Evaluation / Pending Award30



## PROGRAM

## RFP RELEASE

## AWARD DATE

### ***PM CTIS***

ETC-IS MILES  
CVS EFO

01/14/2011

IRS

01/31/2011

### ***PM DT***

DRTS

03/16/2011

### ***PM LTS***

I-MILES IWS EFO

01/28/2011

MILES CVS EFO

01/14/2011

ITAS-TESS 2010

04/12/2011



# PM TRADE Contract Awards



**PROGRAM**

**RFP RELEASE**

**AWARD DATE**

## ***PM DT***

**UOTS (aka IMTS)**

**10/27/2010**

**CARTS**

**09/10/2010**

## ***PM LTS***

**MAST**

**08/17/2009**

**I-MILES TVS**

**07/30/2010**

# Expanded LT2 Portal



**Live as of 29 Nov 2010**



# LIVE TRAINING COMMUNITY



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PM TRADE will be at the 2010 IITSEC show in Orlando , Florida this year.

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# I/ITSEC Schedule



**Monday  
29 Nov**

1200 – 1400 Live Training Grey Beard Mtg, Rm S230C

**Tuesday  
30 Nov**

1030-1130 Live Training Standards Update, Mtg Rm S230C

1530 – 1630 PM TRADE TSIS Update, Booth # 501

**Wednesday  
1 Dec**

1100 – 1200 FASIT Technology Working Group, South Concourse Rm 230c

**Thursday  
2 Dec**

1300-1500 Live Training Campaign Plan, Rm TBD



# PM TRADE Contact Information



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