Project Manager Training Devices (PM TRADE)

COL Vincent Malone
PEO STRI Project Manager Training Devices
12 June 2014
**MISSION:** PM TRADE is the Army’s solution provider for collective, instrumented live training systems. PM TRADE’s mission is to improve Soldier readiness, in peace and war, by leading the life cycle management of collective live training capabilities that enhance the Integrated Training Environment at Home Stations, Combat Training Centers and deployed locations.

**VISION:** Providing our Soldiers REALISTIC training solutions to ensure they are the BEST TRAINED FORCE in the world.
PM TRADE Mission Area Functional Domains
Communicating Across the Boundaries - One PM TRADE Portfolio

CTC Instrumentation
Bde Level Instrumentation to include ExCon, Coms, Msn Cmd & Trng Data Mgt and AAR

Force-on-Force
Combined Arms Engagement Pairing & Bn Level Instrumentation

Force-on-Target
Instrumented Urban Operations, Live Fire Ranges & Battlefield Effects

APM TRADE Standards Management
Architectures, Common Components, Standards & Processes

A-TESS
UOTS
CTC-IS
I-MILES
HITS
MC-ITS
Targets

LT2 Product-line

Program integration to achieve required training systems capabilities

Homestation/Institution
Deployed

NTC
JRTC
CTC
JMRC

Family of Training Systems

America’s Force of Decisive Action
# Business Opportunities

<table>
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<tr>
<th>Organization</th>
<th>Program</th>
<th>RFP Release</th>
<th>Award Date</th>
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<tr>
<td>APM TRADE</td>
<td>CPM Next</td>
<td>May 2014</td>
<td>April 2015</td>
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<tr>
<td>APM TRADE</td>
<td>TRACR PDSS</td>
<td>July 2014</td>
<td>November 2014</td>
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<tr>
<td>PM CTIS</td>
<td>ARCTIC</td>
<td>4&lt;sup&gt;th&lt;/sup&gt; Qtr 2014</td>
<td>2&lt;sup&gt;nd&lt;/sup&gt; Qtr 2015</td>
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<tr>
<td>PM DT</td>
<td>CRIS</td>
<td>FY 15</td>
<td>FY 16</td>
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<tr>
<td>PM DT</td>
<td>RILM</td>
<td>2&lt;sup&gt;nd&lt;/sup&gt; Qtr 2015</td>
<td>1&lt;sup&gt;st&lt;/sup&gt; Qtr 2016</td>
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<tr>
<td>PM LTS</td>
<td>I-MILES V-TESS</td>
<td>2&lt;sup&gt;nd&lt;/sup&gt; Qtr 2015</td>
<td>3&lt;sup&gt;rd&lt;/sup&gt; Qtr 2016</td>
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**Note: All Dates are Tentative**

### Acronym Key

- **ARCTIC** – Army Combat Training Instrumentation Contract
- **CPM Next** – Consolidated Product line Management Next
- **CRIS** – Common Range Instrumentation Systems
- **I-MILES V-TESS** - Instrumentable - Multiple Integrated Laser Engagement System Vehicle-Tactical Engagement Simulation System
- **RILM** – Range Instrumentation Life Cycle Management
- **TRACR** – Targetry Range Automated Control and Recording
Description/Summary of Program Requirements

The CPM Next contract is to continue the managed evolution of the Live Training Transformation (LT2) product line (P/L) and provide total life cycle support to product managers within the LT2 P/L. The CPM Next contract meets the requirement for a consolidated streamlined approach that protects and leverages the Army’s LT2 P/L investment, continues to evolve the core assets, architectural frameworks, and the LT2 P/L construct while providing PM TRADE an efficient, effective and agile method for:

- Management, maintenance, and evolution of the LT2 P/L products, processes and core assets
- Total life cycle system management P/L support of systems/products within the LT2 P/L family of training systems
- P/L support of systems/products that leverage LT2 P/L assets
- Support of external interoperability initiatives such as LVC-ITE, Joint and Foreign Military Sales
- Synchronization with the Warfighter FOCUS (WFF) contract

ACQUISITION STRATEGY

- Single Award IDIQ
- Competitive

PERIOD OF PERFORMANCE

- 5 years

MILESTONES

- Feb 13: RFI
- June 13: Sources Sought
- May 14: RFP
- Apr 15: Contract Award

POINT OF CONTACT

Organization: PM TRADE
Phone: 407-380-4568
Email: TRADE@peostri.army.mil

FUNDING

- Ceiling: $415M

CURRENT CONTRACT/ORIGINAL DEVELOPER/OEM (IF RECOMPETE)

- GDC4S is currently executing a 5 year PoP for CPM
TRACR PDSS Next

Description/Summary of Program Requirements

The Targetry Range Automated Control and Recording (TRACR) Post Deployment Software Support Next effort will provide the life cycle software sustainment and support for the Government owned common target control system (TRACR and TRACR Suite), to include: integration of legacy target system adapters and new target system technologies; upgrade to existing range facilities; support for new interface control documents and technology demonstrations; and sustainment of the Future Army System of Integrated Targets specification and standards. Key initiatives:

- Software Sustainment
- Synchronization with CTIA 4.0
- Common CM baseline management and distribution

TRACR/TRACR Suite and FASIT are located at over 35 installations; 115+ small arms and 45+ maneuver ranges.

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<thead>
<tr>
<th>ACQUISITION STRATEGY</th>
<th>PERIOD OF PERFORMANCE</th>
<th>MILESTONES</th>
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<tbody>
<tr>
<td>• Contract Vehicle: CARTS LOT II</td>
<td>• FY15 – FY17</td>
<td>Apr 14</td>
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<tr>
<td>• Contract Type: Competitive, Single Award</td>
<td>• 3 years; 1 year base, 2 option years</td>
<td>Apr 14</td>
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<td>RFP</td>
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<td>Contract Award</td>
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<tr>
<td>Organization: PM TRADE</td>
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<tr>
<td>Phone: 407-384-5201</td>
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<tr>
<td>Email: <a href="mailto:TRADE@peostri.army.mil">TRADE@peostri.army.mil</a></td>
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<tr>
<td>• OPA : $1M per year</td>
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<td>• RDT&amp;E: not to exceed $1M per year</td>
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<tr>
<td>• CARTS LOT II – Riptide Software</td>
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<td>• CPM ID/IQ DO#04 – GDC4S</td>
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# Army Combat Training Instrumentation Contract (ARCTIC)

## Description/Summary of Program Requirements

It provides for the procurement of equipment (hardware) in support of life cycle replacement for end-of-life instrumentation system components for:

- The Combat Training Center - Instrumentation System (CTC-IS): A fixed-site instrumentation capability designed for the employment at maneuver CTC at the National Training Center at Ft Irwin, CA; Joint Readiness Training Center at Ft Polk, LA; and the Joint Multinational Readiness Center at Hohenfels, Germany.
- Joint Pacific Multinational Readiness Capability (JPMRC)

### Acquisition Strategy
- Contract Vehicle: Outside STOC II Single ID/IQ/FFP

### Period of Performance
- FY15-FY19

### Milestones
- Jul 14: Sources Sought
- 4th Qtr 14: RFP
- 2nd Qtr 15: Contract Award

### Point of Contact
- Organization: PM TRADE
- Phone: 407-384-5201
- Email: TRADE@peostri.army.mil

### Funding
- Ceiling: $40M

### Current Contract/Original Developer/OEM (If Recompete)
- New procurement
**Description/Summary of Program Requirements**


**Devices to support training ranges requirements include:**

- Target lifters, target control, 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.

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| • Competitive acquisition strategy determination will be based on market research. | • TBD | Jul14 RFI
| | | Sep 14 Sources Sought
| | | FY 15* RFP
| | | FY 16* Contract Award

**POINT OF CONTACT**

Organization: PM TRADE  
Phone: 407-384-5201  
Email: TRADE@peostri.army.mil

**FUNDING**

- OPA/OMA : < $100 Million

**CURRENT CONTRACT/ORIGINAL DEVELOPER/OEM (IF RECOMPETE)**

- Re-compete/Multiple OEM

* RFP and award date dependent on the acquisition strategy
# Range Instrumentation Life Cycle Management (RILM)

## Description/Summary of Program Requirements

Provides life cycle management and support of range instrumentation systems/in the support of:
- The Digital Range Training System (DRTS) program comprised of the following range types: Digital Multi-Purpose Range Complex (DMPRC), Digital Multi-Purpose Training Ranges (DMPTR), Battle Area Complex (BAX), Digital Air/Ground Integration Range (DAGIR).
- Urban Operations Training System (UOTS) comprised of the following range types: Urban Assault Course (UAC), Shoot house, Combine Arms Collective Training Facility (CACTF)
- Targetry Range Automated Control and Recording (TRACR); and Location of Miss And Hits (LOMAH)
- Homestation Instrumentation comprised of the following range types: Exportable Training Capability – Instrumentation System (ECT-IS)

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<tr>
<td>Organization: PM TRADE</td>
<td>• OPA/OMA Ceiling: &lt; $100 M</td>
<td>• NA</td>
</tr>
<tr>
<td>Phone: 407-384-5201</td>
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# System Vehicle - Tactical Engagement Simulation System

## Description/Summary of Program Requirements

Vehicle-Tactical Engagement Simulation System (V-TESS) is tactical and combat vehicles (Fire Control Systems) and system weapon in a single TESS product line. V-TESS uses Live Training Engagement Composition software to define the communication framework. V-TESS will incorporate a common power supply system. V-TESS will be compatible and interoperable with all legacy MILES devices. It will be a modular, wireless design that significantly reduces system installation times. This system will interface with training instrumentation systems providing casualty assessments, battle damage assessments, and critical data for After Action Reviews.

### ACQUISITION STRATEGY
- Contract Vehicle: Competitive Award
- Contract Type: Firm Fixed Price.
- Base Award w/option lots

### PERIOD OF PERFORMANCE
- Base period plus 4 options

### MILESTONES
- Sep 14: RFI
- Oct 14: Sources Sought
- 2nd Qtr 15: RFP Release
- 3rd Qtr 16: Contract Award

### POINT OF CONTACT
Organization: PM TRADE
Phone: (407) 384-5201
Email: TRADE@peostri.army.mil

### FUNDING
- ~ $112M OPA over FY16 – FY20

### CURRENT CONTRACT/ORIGINAL DEVELOPER/OEM (IF RECOMPETE)
- Production and Fielding Phase.
- Prime Contractor: Saab & Cubic.
- Contract Type: Firm Fixed Price.
- Production Award Date: Jan 2012 & July 2010 (1 base + 4 options).
Join the Live Training Community @ [WWW.LT2PORTAL.ORG](http://WWW.LT2PORTAL.ORG) to find out how we’re saving DoD programs millions of dollars.