COL G. Scott McLeod
Project Manager Soldier Training
PM Soldier Training (ST) Operational Environment

PdM MCTS
Virtual Collective Training and Reconfigurable Virtual Collective Training Capabilities

PdM VTS
Individual, Crew & Platoon Skills, Driver, Operator, Gunnery, Maintainer, Mobility & Soldier Lethality Skills

PdM CTIS
BDE Level Instrumentation; ExCon, Comms, MC, Data Mgmt & AAR; Instrumented Urban Operations; CTC and Home Station Instrumentation

PdM LTS
Combined Arms Engagement Pairing, Live Fire Ranges & Battlefield Effects, Force-on-Force, Force-on-Target, OPFOR Threat Capabilities

Shared Assets & Architectures
TReX - STE Prototyping

PD FUTURE TRAINING SOLUTIONS
Product Line Management

Standards & Governance
TReX Moves to Soldier Training

**PMO Functions**
Transitioned from PEO Staff to PM Soldier Training

**Responsible Office**
PD Future Training Solutions (FTS)

**Government Lead**
Michelle Wampler
TReX Priorities

**Priority One**
Synthetic Training Environment (STE) Cross Functional Team (CFT)

**Priority Two**
PEO STRI

**Priority Three**
Team Orlando

**Priority Four**
Other Government Customers
## Business Opportunities Summary

### RFP Details

<table>
<thead>
<tr>
<th>Organization</th>
<th>Program</th>
<th>RFP Release</th>
<th>Award Date</th>
</tr>
</thead>
<tbody>
<tr>
<td>PM ST</td>
<td>STE Live</td>
<td>See Chart</td>
<td>See Chart</td>
</tr>
<tr>
<td>PdM VTS</td>
<td>WTCS V2</td>
<td>1\textsuperscript{st} Qtr FY20</td>
<td>3\textsuperscript{rd} Qtr FY20</td>
</tr>
<tr>
<td>PdM VTS</td>
<td>GTS</td>
<td>4\textsuperscript{th} Qtr FY20</td>
<td>3\textsuperscript{rd} Qtr FY21</td>
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*Note: All Dates are Tentative*

### Acquisition Strategy

<table>
<thead>
<tr>
<th>Organization</th>
<th>Program</th>
<th>Acquisition Strategy</th>
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</thead>
<tbody>
<tr>
<td>PdM VTS</td>
<td>AMPV FMT</td>
<td>OTA/TREX</td>
</tr>
<tr>
<td>PdM VTS</td>
<td>Abrams FMT</td>
<td>OTA/TREX</td>
</tr>
<tr>
<td>PdM VTS</td>
<td>JLTV FMT</td>
<td>OTA/TREX</td>
</tr>
</tbody>
</table>
**Synthetic Training Environment (STE) Enabled LIVE OTA**

**Description/Summary of Program Requirements**

Provide for the procurement of prototypes ranging from key enabling technologies to comprehensive solutions by enabling the application of promising technologies to combine STE and Live Training Environment (LTE). The prototypes will aid in the development of the requirements for the next generation live training capability. This OTA is focused on four key aspects:

- Simulation of Direct Fire Weapons (i.e. M4/M16 rifle, M249 Squad Automatic Weapon (SAW))
- Simulation of Short Range Indirect-Fire Weapons (i.e. M320 Grenade Launcher)
- Simulation of Indirect Fire Weapons (i.e. M224 60mm Lightweight Mortar)
- Operational Training Environment Realism (provide weapons and battlefield effects)

<table>
<thead>
<tr>
<th>Acquisition Strategy</th>
<th>Period of Performance</th>
<th>Milestones</th>
</tr>
</thead>
<tbody>
<tr>
<td>Contract Vehicle: OTA/TReX</td>
<td>1 year + options (follow-on OTAs)</td>
<td>2&lt;sup&gt;nd&lt;/sup&gt; Qtr FY19, 3&lt;sup&gt;rd&lt;/sup&gt; Qtr FY19, 4&lt;sup&gt;th&lt;/sup&gt; Qtr FY19, TBD</td>
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</tbody>
</table>

<table>
<thead>
<tr>
<th>Point of Contact</th>
<th>Funding</th>
<th>Current Contract/Original Developer/OEM (If ReCompete)</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Organization:</strong> PM Soldier Training</td>
<td>Initial OTA: &lt;$10M</td>
<td>New Procurement</td>
</tr>
<tr>
<td><strong>Phone:</strong> (407) 384-5201</td>
<td></td>
<td>- GDMS</td>
</tr>
<tr>
<td><strong>Email:</strong> <a href="mailto:usarmy.orlando.peo-stri.list.pm-training-devices@mail.mil">usarmy.orlando.peo-stri.list.pm-training-devices@mail.mil</a></td>
<td></td>
<td>- Cubic</td>
</tr>
</tbody>
</table>

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Approved for public release, distribution is unlimited
Wideband Training & Certification System Version 2 (WTCS V2)

Description/Summary of Program Requirements
Program Executive Office, Enterprise Information Systems (PEO EIS) / Program Manager Defense Communications and Army Transmission Systems (PM DCATS) has identified a requirement to upgrade the WTCS to reflect the characteristics of new and upgraded operational software versions being planned for the Wideband Satellite Operations Centers (WSOCs). The first delivery order will be to network the WTCS Classrooms in the WSOCs with one another. There will be an option in the first delivery order to install two WTCS Lab workstations in the control center of each WSOC and at the Wideband Integration Center.

ACQUISITION STRATEGY
• Acquisition Strategy: Competitive
• Contract Vehicle: IDIQ
• Contract Type: Firm Fixed Price

PERIOD OF PERFORMANCE
• 5 Year Contract

MILESTONES
- 3rd Qtr FY18
- 1st Qtr FY20
- 1st Qtr FY20
- 3rd Qtr FY20
- RFI Release
- PALT Initiation
- RFP Release
- Contract Award

POINT OF CONTACT
Organization: PM Soldier Training
Phone: (407) 384-5201
Email: usarmy.orlando.peo-stri.list.pm-training-devices@mail.mil

FUNDING
• Estimated: $48.5M

CURRENT CONTRACT/ORIGINAL DEVELOPER/OEM (IF RECOMPETE)
• Current Contract: Northrop Grumman
• Original Developer: Northrop Grumman

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**Description/Summary of Program Requirements**

Gunnery Training Systems (GTS) provide precision and degraded-mode gunnery simulation for crews, sections and platoons as applicable. This effort includes tech refresh, concurrency upgrades, production of current systems development and production of new platform devices, RMF recertification, and Embedded Training support.

The GTS contract facilitates the development, evolution, and maturity of the GTS program’s products and capabilities across the Army and Marine Corps virtual gunnery training systems total life cycle.

<table>
<thead>
<tr>
<th>Acquisition Strategy</th>
<th>Period of Performance</th>
<th>Milestones</th>
</tr>
</thead>
</table>
| • Acquisition Strategy: Competitive  
  • Contract Vehicle: IDIQ  
  • Contract Type: Single Award with multiple DO | • 7 Year Contract (with additional 2 year delivery period) | 4th Qtr FY19  
  △ 3rd Qtr FY20  
  △ 4th Qtr FY20  
  △ 3rd Qtr FY21 |

<table>
<thead>
<tr>
<th>Point of Contact</th>
<th>Funding</th>
<th>Current Contract/Original Developer/OEM (IF RECOMPETE)</th>
</tr>
</thead>
</table>
| Organization: PM Soldier Training  
  Phone: (407) 384-5201  
  Email: usarmy.orlando.peo-stri.list.pm-training-devices@mail.mil | • Estimated: >$115M | • New Procurement |

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Description/Summary of Program Requirements

Program Manager Armored Multi Purpose Vehicle (PM AMPV) & Combined Arms Support Command (CASCOM) identified a requirement for AMPV Part Task Trainers (PTTs) to provide 91M Military Occupational Specialty (MOS) Institutional Training and specific unit Home Station Training. The AMPV PTTs will be added to the FMT Product Line and utilize the Common Core Architecture.

PTTs

<table>
<thead>
<tr>
<th>Location</th>
<th>Quantity</th>
</tr>
</thead>
<tbody>
<tr>
<td>Ft. Benning, GA</td>
<td>4*</td>
</tr>
<tr>
<td>Ft. Lee, VA</td>
<td>1</td>
</tr>
<tr>
<td>Camp Shelby, MS</td>
<td>1</td>
</tr>
<tr>
<td><strong>Total Quantity:</strong></td>
<td><strong>6</strong></td>
</tr>
</tbody>
</table>

**ACQUISITION STRATEGY**
- Family of Maintenance Trainers (FMT) Product Line (PL) approach
- OTA/TReX
- Follow-on Production Contract

**PERIOD OF PERFORMANCE**
- PTTs Prototype: 24 Months
  - Follow-on: TBD

**MILESTONES**
- 3rd Qtr FY20
  - RFS Release
- 4th Qtr FY20
  - Contract Award

**POINT OF CONTACT**
- **Organization:** PM Soldier Training
- **Phone:** (407) 384-5201
- **Email:** usarmy.orlando.peo-stri.list.pm-training-devices@mail.mil

**FUNDING**
- Estimated: ~$5.7M

**CURRENT CONTRACT/ORIGINAL DEVELOPER/OEM (IF RECOMPETE)**
- New contract
- FMT
Description/Summary of Program Requirements

Project Director Main Battle Tank Systems (PD MBTS) & Combined Arms Support Command (CASCOM) have identified an Abrams Family Maintenance Trainer (FMT) program concurrency upgrade to the Systems Enhancement Package version 2 & 3 (SEPv2, SEP v3) Abrams Tank baseline. The upgrades will bring the existing Hands-On Trainer (HOT) concurrent with the Abrams Tank SEPv2, SEPv3, and perform continuous technology refreshment on existing SEP v2. They will be utilized to support the 91A, 913A & 915A Military Occupational Specialties (MOSs) courses. The Abrams HOTs will be added to the FMT Product Line and utilize the Common Core Architecture.

<table>
<thead>
<tr>
<th>HOTs</th>
<th></th>
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<tbody>
<tr>
<td>Ft. Benning, GA</td>
<td>20</td>
</tr>
<tr>
<td>Ft. Lee, VA</td>
<td>2</td>
</tr>
<tr>
<td>Gowen Field, ID</td>
<td>2</td>
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<tr>
<td><strong>Total Quantity:</strong></td>
<td><strong>24</strong></td>
</tr>
</tbody>
</table>

**ACQUISITION STRATEGY**
- Family of Maintenance Trainers (FMT) Product Line (PL) approach
- OTA/TReX
- Follow-on Production Contract

**PERIOD OF PERFORMANCE**
- HOTs FMT CC Prototype and Study: 6 Months
  - Follow-on: TBD

**MILESTONES**
- 3rd Qtr FY20
  - RFS Release
- 4th Qtr FY20
  - Contract Award

**POINT OF CONTACT**
- **Organization:** PM Soldier Training
- **Phone:** (407) 384-5201
- **Email:** usarmy.orlando.peo-stri.list.pm-training-devices@mail.mil

**FUNDING**
- Estimated: ~$880M

**CURRENT CONTRACT/ORIGINAL DEVELOPER/OEM (IF RECOMPETE)**
- New contract
- FMT
**Description/Summary of Program Requirements**

Project Manager Joint Light Tactical Vehicles (PM JLTV) & Combined Arms Support Command (CASCOM) identified a requirement for JLTV Hands-On Trainers (HOTs) to provide 91B Military Occupational Specialty (MOS) Institutional Training and specific unit Home Station Training. The JLTV HOTs will be added to the FMT Product Line and utilize the Common Core Architecture.

**HOTs**

<table>
<thead>
<tr>
<th>Location</th>
<th>Quantity</th>
</tr>
</thead>
<tbody>
<tr>
<td>Ft. Lee, VA</td>
<td>24</td>
</tr>
<tr>
<td>Regional Training Site Maintenance (RTSM)</td>
<td>26</td>
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</tbody>
</table>

**Total Quantity:** 50

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**ACQUISITION STRATEGY**

- Family of Maintenance Trainers (FMT) Product Line (PL) approach
- OTA/TReX
- Follow-on Production Contract

**PERIOD OF PERFORMANCE**

- HOTs Prototype: 24 Months
  - Follow-on: TBD

**MILESTONES**

- 2nd Qtr FY20
  - RFS Release
- 3rd Qtr FY20
  - Contract Award

**POINT OF CONTACT**

- **Organization:** PM Soldier Training
- **Phone:** (407) 384-5201
- **Email:** usarmy.orlando.peo-stri.list.pm-training-devices@mail.mil

**FUNDING**

- Estimated: ~$4.5M

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

- New contract
- FMT
# PM Soldier Training Business Goals

<table>
<thead>
<tr>
<th>Focus</th>
<th>Goal</th>
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</thead>
<tbody>
<tr>
<td>Managed Product Line</td>
<td>Foster product line culture of efficiency, stability, quality, automated production and delivery</td>
</tr>
<tr>
<td>Operationally Focused</td>
<td>Provide mission ready products to support operational needs and ensure a meaningful user experience</td>
</tr>
<tr>
<td>Cost Effective</td>
<td>Reduce cost of quality, development, procurement, operations and sustainment costs</td>
</tr>
<tr>
<td>Relevant and Concurrent</td>
<td>Foster technology agility using industry best practices and technologies to enable rapid alignment with Army priorities</td>
</tr>
</tbody>
</table>

A Managed Product Line that is **Operationally Focused, Cost Effective, Relevant and Concurrent**
Join the Live Training Community @ WWW.LT2Portal.mil to find out how we’re saving DoD programs millions of dollars.
PM Soldier Training Backup Slides
Acronym Key

**AMPV** - Armored Multi-Purpose Vehicle

**FMT** - Family of Maintenance Trainers

**GTS** - Gunnery Training Systems

**JLTV** - Joint Light Tactical Vehicles

**MTS** - Maintenance Training System

**WTCS** - Wideband Training and Certification System