Mission
“Provider of choice for adaptive training and testing environments to optimize Soldier performance.”

Vision
“To provide a full echelon of sustainable live and virtual training solutions enabling our Soldiers, Units and Leaders the ability to maintain Readiness at all times.”
## Contract Opportunities Update

<table>
<thead>
<tr>
<th>Organization</th>
<th>Program</th>
<th>RFP Release</th>
<th>Award Date</th>
</tr>
</thead>
<tbody>
<tr>
<td>PdM LTS</td>
<td>Bridge to Evolutionary STE TESS Multiple Award Contract (BEST-MAC)</td>
<td>3rd Qtr FY23</td>
<td>2nd Qtr FY24</td>
</tr>
<tr>
<td>PdM LTS</td>
<td>CTC and Home Station Aviation Force-on-Force (CHAF)</td>
<td>3rd Qtr FY24</td>
<td>2nd Qtr FY25</td>
</tr>
<tr>
<td>PdM LTS</td>
<td>Digital Range Training System (DRTS) Continuous Tech Refresh Tier 1</td>
<td>1st Qtr FY23</td>
<td>2nd Qtr FY23</td>
</tr>
<tr>
<td>PdM LTS</td>
<td>Digital Range Training System (DRTS) Continuous Tech Refresh Tier 2</td>
<td>2nd Qtr FY23</td>
<td>3rd Qtr FY23</td>
</tr>
<tr>
<td>PdM LTS</td>
<td>Live Targetry, Ranges, and CTCs (LTRaC)</td>
<td>4th Qtr FY23</td>
<td>2nd Qtr FY24</td>
</tr>
<tr>
<td>PdM VTS</td>
<td>Soldier Virtual Trainer (SVT)</td>
<td>1st Qtr FY22</td>
<td>3rd Qtr FY22</td>
</tr>
<tr>
<td>PdM VTS</td>
<td>Mobile Protected Firepower (MPF) Perfect Gunnery Trainer</td>
<td>1st Qtr FY23</td>
<td>2nd Qtr FY23</td>
</tr>
<tr>
<td>PdM VTS</td>
<td>Computer Based Instructional Development (CBID III)</td>
<td>4th Qtr FY22</td>
<td>3rd Qtr FY23</td>
</tr>
<tr>
<td>PdM VTS</td>
<td>Basic Electronics Maintenance Trainer (BEMT-III)</td>
<td>2nd Qtr FY23</td>
<td>3rd Qtr FY24</td>
</tr>
<tr>
<td>PD FTS</td>
<td>Training and Readiness Accelerator II (TReX II)</td>
<td>3rd Qtr FY22</td>
<td>1st Qtr FY23</td>
</tr>
<tr>
<td>PD FTS</td>
<td>STE Live Training System (LTS)</td>
<td>Numerous</td>
<td>Numerous</td>
</tr>
</tbody>
</table>

*Note: All Dates are Tentative*
Bridge to Evolutionary STE TESS Multiple Award Contract (BEST-MAC)

The work to be performed under this contract will consist of:

- Procurement of new TESS to support new vehicle platforms and any requirements resulting from Army stationing decisions
- Support Service Life Extension for TESS product lines
- Tech refreshing TESS product lines to interface with STE Live
- Tech refresh TESS product lines to install new hardware and software
- Tech refresh TESS product lines with Live Training Engagement Composition (LTEC) updates
- Tech refresh TESS product lines with multi-national interoperability updates

**ACQUISITION STRATEGY**

- Acquisition Strategy: Competitive
- Contract Vehicle: Multiple-Award ID/IQ
- Contract Type: TBD

**PERIOD OF PERFORMANCE**

- Desired - 7 Year Contract with additional 1 Year delivery period
- FY24 - FY32

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

- New Contract
- Update/Upgrade of existing equipment

**FUNDING**

- Estimated: Over $300M

**MILESTONES**

- 1QFY23: RFI Release
- 2QFY23: PALT Initiation
- 3QFY23: RFP Release
- 4QFY23: Contract Award

**POINT OF CONTACT**

PM Soldier Training
407-384-5201
usarmy.orlando.peo-stri.list.pm-soldier-training@army.mil

**NEW**

Distribution A: Approved for public release
ACQUISITION STRATEGY

- Acquisition Strategy: Competitive
- Contract Vehicle: Single-Award ID/IQ
- Contract Type: FFP/CPFFP

PERIOD OF PERFORMANCE

- Desired - 5 Year
- FY25 – FY29

MILESTONES

- 2QFY23: RFI Released
- 3QFY24: RFP Released
- 1QFY25: PALT Initiation
- 2QFY25: Contract Award

CURRENT CONTRACT/ORIGINAL DEVELOPER/OEM (IF RECOMPETE)

- New Contract
- TIADS phase one contracts ends Mar 2023.

FUNDING

- Estimated: Over $150M

POINT OF CONTACT

PM Soldier Training
407-384-5201
usarmy.orlando.peo-stri.list.pm-soldier-training@army.mil

The work to be performed under this contract will consist of:

- Production of 400 complete TASS Kits, 20 GTE’s, 200 AMDPs, and NET and ICS
- Production of 76 MANPAD units, NET and ICS
- Production of 16 mobile VISMOD units
- PDSS software testing for aircraft concurrence
- LUH tech refresh, Production of 12 ASMODIMs and testing
**Digital Range Training System (DRTS) Continuous Tech Refresh (CTR) - Tier 1**

**ACQUISITION STRATEGY**
- Acquisition Strategy: Full and Open Competition
- Contract Vehicle: TBD
- Contract Type: FFP
- Low Price Technically Acceptable (LPTA)

**PERIOD OF PERFORMANCE**
- Period of performance: 1 year

**CURRENT CONTRACT/ORIGINAL DEVELOPER/OEM (IF RECOMPETE)**
- Life Cycle Product Line Management (LCPM) / GD

**FUNDING**
- Estimated: ~ $11M at award

**MILESTONES**
- 4QFY22
  - RFI Release
- 1QFY23
  - PALT Initiation
  - RFP Release
- 2QFY23
  - Contract Award

**POINT OF CONTACT**
- **PM Soldier Training**
  - 407-384-5201
  - usarmy.orlando.peo-stri.list.pm-soldier-training@army.mil

**DRTS CTR Contract - FY23 Continuous Tech Refresh Efforts**
- Three Tier 1s on multiple DRTS ranges.
- Tier 1 Contract – Ft Carson, Ft Stewart, and Ft Bliss DMPTR
- Tier 1: Executed every 7.5 years. Replaces/updates all IT HW and SW, electronic equipment, and workstations.

**UPDATE**
ACQUISITION STRATEGY

- Acquisition Strategy: Full and Open Competition
- Contract Vehicle: TBD
- Contract Type: FFP
- Low Price Technically Acceptable (LPTA)

PERIOD OF PERFORMANCE

- Period of performance: 1 year

CURRENT CONTRACT/ORIGINAL DEVELOPER/OEM (IF RECOMPETE)

- Life Cycle Product Line Management (LCPM) / GD

FUNDING

- Estimated: ~ $12M at award

MILESTONES

- 4QFY22: RFI Release
- 1QFY23: PALT Initiation
- 2QFY23: RFP Release
- 3QFY23: Contract Award

POINT OF CONTACT

PM Soldier Training
407-384-5201
usarmy.orlando.peo-stri.list.pm-soldier-training@army.mil
**Live Targetry, Ranges, and CTCs (LTRaC) contract will be a Multi-Award contract with various lots.**

The work to be performed under this contract will consist of:

- Fielding new ranges and Target Lifters
- Tech refreshing FASIT ranges with new IT equipment and TRACR II software
- Tech refreshing DRTS ranges with new IT equipment, TRACR II software, and Player Units
- Tech refreshing IT equipment and Player Units at the three Combat Training Centers (CTCs)
- Tech refreshing IT equipment and Player Units for the JPMRC and HITS
- Modernization efforts at CTCs and Homestation ranges

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<table>
<thead>
<tr>
<th>Ac quisit i on S tr ateg y</th>
<th>Current Contract/Original Developer/OEM (If Recompete)</th>
</tr>
</thead>
<tbody>
<tr>
<td>• Acquisition Strategy: Full and Open Competition</td>
<td>• New Procurement - consolidating some efforts from previous contracts to gain internal efficiencies and to realize continued competition during the life of the MAC</td>
</tr>
<tr>
<td>• Vehicle: Multiple-Award ID/IQ - multiple Lots inclusive of a Small Business Lot, dependent on ongoing market research</td>
<td></td>
</tr>
<tr>
<td>• Contract Type: FFP/CPFF</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Period of Performance</th>
<th>F unding</th>
</tr>
</thead>
<tbody>
<tr>
<td>• Desired - 8 Year Contract with additional 1 Year delivery period</td>
<td>• Estimated: Over $500M</td>
</tr>
<tr>
<td>• FY24 - FY31</td>
<td></td>
</tr>
</tbody>
</table>

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<table>
<thead>
<tr>
<th>Milestones</th>
<th>Point of Contact</th>
</tr>
</thead>
<tbody>
<tr>
<td>3QFY22 RFI Release</td>
<td><strong>PM Soldier Training</strong></td>
</tr>
<tr>
<td>1QFY23 PALT Initiation</td>
<td>407-384-5201</td>
</tr>
<tr>
<td>4QFY23 RFP Release</td>
<td><a href="mailto:usarmy.orlando.peo-stri.list.pm-soldier-training@army.mil">usarmy.orlando.peo-stri.list.pm-soldier-training@army.mil</a></td>
</tr>
<tr>
<td>2QFY24 Contract Award</td>
<td></td>
</tr>
</tbody>
</table>

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**UPDATED**
PM ST | Soldier Virtual Trainer (SVT)

**SVT is a next generation weapons, joint fires trainer, and lethal and non-lethal use-of-force trainer.**

- The SVT is a virtual immersive trainer integrating three individual Soldier training capabilities, Weapon Skills Development (WSD), Joint Fires Training (JFT), and Use of Force (UoF), into a single capability for use simultaneously or individually.

- SVT will replace legacy training systems Engagement Skill Trainer, Call for Fire, and COTS UoF capabilities. SVT will fill critical training gaps, providing Soldiers the repetitions necessary to train and win in Multi Domain operations. Soldiers will use the SVT at Point of Need (PoN) where training occurs - institutional, home station, and deployed.

### Acquisition Strategy

- Acquisition Strategy: Competitive
- Contract Vehicle: OTA
- Contract Type: FFP

### Period of Performance

- Prototypes: 5 years
- Follow-on production: TBD

### Funding

- Estimated Funding: ~$102M ceiling

### Milestones

<table>
<thead>
<tr>
<th>1QFY22</th>
<th>3QFY22</th>
</tr>
</thead>
<tbody>
<tr>
<td>RFI Release</td>
<td>OTA Agreement</td>
</tr>
</tbody>
</table>

### Contact Information

**PM Soldier Training**

407-384-5201

usarmy.orlando.peo-stri.list.pm-soldier-training@army.mil
The MPF Precision Gunnery Trainer Other Transaction Authority (OTA) effort will produce a precision gunnery simulator for the new MPF light tank for First Unit Equipped (FUE) in 4QFY25.

- The new device will train individuals, crews, sections and platoons in stabilized gunnery operations.
- Currently MPF is planning to field 504 lightweight tanks through FY31. The FUE location is Fort Bragg, North Carolina.
- The MPF Precision Gunnery Trainer OTA will consist of four phases: Research & Analysis, Development & Verification, Demonstration & Validation, and On-site installation and acceptance. Each phase has entrance/exit criteria.

ACQUISITION STRATEGY
- Acquisition Strategy: Other Transaction Authority
- Contract Vehicle: Training Readiness Accelerator (TReX)
- Contract Type: FFP/CPFF

PERIOD OF PERFORMANCE
- Period of performance: 3 years

FUNDING
- Estimated Funding: ~$10.4M

MILESTONES
- 4QFY21: PAR Approval
- 3QFY22: PAA Approval
- 1QFY23: RFS Release
- 2QFY23: OTA Award

POINT OF CONTACT
- PM Soldier Training
  407-384-5201
  usarmy.orlando.peo-stri.list.pm-soldier-training@army.mil
CBID III will provide a wide range of Interactive Multi-media Instruction (IMI) products providing Platform PMs with a viable ID/IQ contract vehicle to have IMI developed for their platform specific needs.

- It will bridge the instructional gaps between traditional schoolhouse learning and the need for multi-platform/multi-faceted learning tools. The IMI products can be stand-alone, Blackboard initiated or imbedded into equipment and can range from initial or sustainment training or operator and maintainer training; all of which are appropriate for self-paced, instructor led or blended learning environments.

- CBID III will provide customers with direct access to an existing contract vehicle for quick development and delivery of the IMI taking approximately 95 days to Task Order award.

ACQUISITION STRATEGY

- Acquisition Strategy: Service-Disabled Veteran Owned Small Business (SDVOSB) Set Aside
- Contract Vehicle: Single Award, ID/IQ with multiple Task Orders
- Contract Type: FFP

PERIOD OF PERFORMANCE

- Government anticipates 5-year ordering period

MILESTONES

- 4QFY21 Market Research
- 1QFY22 PALT Initiation
- 4QFY22 RFP Release
- 3QFY23 Contract Award

CURRENT CONTRACT/ORIGINAL DEVELOPER/OEM (IF RECOMPETE)

- CBID II, Pinnacle Solutions Inc.
- CBID III is a re-compete procurement

FUNDING

- Estimated Funding: ~$49M ceiling

POINT OF CONTACT

PM Soldier Training
407-384-5201
usarmy.orlando.peo-stri.list.pm-soldier-training@army.mil
Basic Electronics Maintenance Trainer (BEMT-III)

The Basic Electronics Maintenance Trainer (BEMT-III) is a commercial product used to teach basic electronics theory.

- The core of the system is a test console with associated circuit cards to provide instruction for multiple electronics specialties.
- BEMT III trains 34 repair and maintenance MOS’s including electric motors, industrial controls, fiber optics, power supplies, network architectures, automotive electronics, avionics, radio communications, and advanced programmable logic controls.
- BEMT III will consist of a technical refreshment of legacy the BEMT systems (Student Training Stations (STSs), Instructor Stations, Content Servers, and modernized Curriculum).

<table>
<thead>
<tr>
<th>Acquisition Strategy</th>
<th>Current Contract/Original Developer/OEM (If Recompete)</th>
</tr>
</thead>
<tbody>
<tr>
<td>• Acquisition Strategy: Small Business Set-Aside</td>
<td>• Nida Corp. (Melbourne, FL)</td>
</tr>
<tr>
<td>• Contract Vehicle: Single Award</td>
<td>• Follow-on Procurement</td>
</tr>
<tr>
<td>• Contract Type: FFP</td>
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</table>

<table>
<thead>
<tr>
<th>Period of Performance</th>
<th>Funding</th>
</tr>
</thead>
<tbody>
<tr>
<td>• Period of performance: 5 years</td>
<td>• Estimated Funding: ~$35M ceiling</td>
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<table>
<thead>
<tr>
<th>Milestones</th>
<th>Point of Contact</th>
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<tr>
<td>4QFY22 Market Research</td>
<td>PM Soldier Training</td>
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<tr>
<td>1QFY23 PALT Initiation</td>
<td>407-384-5201</td>
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<tr>
<td>3QFY23 RFP Release</td>
<td><a href="mailto:usarmy.orlando.peo-stri.list.pm-soldier-training@army.mil">usarmy.orlando.peo-stri.list.pm-soldier-training@army.mil</a></td>
</tr>
<tr>
<td>3QFY24 Contract Award</td>
<td></td>
</tr>
</tbody>
</table>

4QFY22 Market Research
1QFY23 PALT Initiation
3QFY23 RFP Release
3QFY24 Contract Award

NEW
## Training and Readiness Accelerator II (TReX II)

**ACQUISITION STRATEGY**
- Acquisition Strategy: Competitive
- Contract Vehicle: OTA
- Agreement Type: Firm Fixed Price

**CURRENT CONTRACT/ORIGINAL DEVELOPER/OEM (IF RECOMPETE)**
- TReX Re-compete

**PERIOD OF PERFORMANCE**
- Agreement Award: NOV 2022

**FUNDING**
- Unlimited Ceiling

**MILESTONES**
- 4QFY21: RWP Release
- 3QFY22: RFS Release
- 1QFY23: Contract Award

**POINT OF CONTACT**
- **PM Soldier Training**
  - 407-384-5201
  - usarmy.orlando.peo-stri.list.pm-soldier-training@army.mil

---

- Will spur innovative concepts, demonstrations, and expedited development of prototypes that advance warfighter readiness
- Streamlined acquisition using Other Transaction (OT) agreements - embracing flexibility of the tool

---

**Training and Readiness Accelerator II (TReX II)**

**Training and Readiness Accelerator II (TReX II)**
PM ST | STE LTS – Continuing Opportunities

**Teaming Opportunities**

**Keys to modernized Live Training:**
- Rapid Prototyping
- Rapid Integration
- Rapid Production
- Rapid Fielding

**Enablers:**
- Network
- Transmitters
- Calculations (Calcs)
- Terrain
- Sensors

**Plug Into/Interface with Common Architecture**

**Engagements**
- Direct Fire (Small Arms) – Ph. 1
- Counter Delflade (MK-19, M320)
- Indirect Fire (Mortars)

**Tier 1**
- DF (Small Arms) – Ph. 2
- Placed Object (Mine)
- Transmitted Object (Grenade)
- Dropped Object (Bomb)

**Tier 2**
- DF (Small Arms) – Ph. 3
- DF (Vehicle), Information Warfare/ EW – Ph. 1
- Plume (CBRNE) – Ph. 1

**Tier 3**
- DF (Vehicle) – Ph. 2
- Guided Weapon (Missile)
- Autonomous Weapon (Missile, Smart Munition)

**Tier 4**
- DF (Vehicle) – Ph. 3
- Directed Energy (Laser, Microwave)
- Radiant Energy (Sonic, Microwave)

**FY22**
- Direct Fire (Small Arms) – Ph. 1
- Counter Delflade (MK-19, M320)
- Indirect Fire (Mortars)

**FY23**
- DF (Small Arms) – Ph. 2
- Placed Object (Mine)
- Transmitted Object (Grenade)
- Dropped Object (Bomb)

**FY24**
- DF (Small Arms) – Ph. 3
- DF (Vehicle), Information Warfare/ EW – Ph. 1
- Plume (CBRNE) – Ph. 1

**FY25**
- DF (Vehicle) – Ph. 2
- Guided Weapon (Missile)
- Autonomous Weapon (Missile, Smart Munition)

**FY26**
- DF (Vehicle) – Ph. 3
- Directed Energy (Laser, Microwave)
- Radiant Energy (Sonic, Microwave)

**FY27**

**NEW**

**Enabling Technologies:**
- Long Range Communications (e.g., 5G)
- Short Range Communications (e.g., BLE)
- 5G Player Unit Radios
- Edge Computing
- Adjustable Probability of Hits / Kills (Ph / Pk)
- NATO Arms Ballistic Kernels (NABK)
- One-World Terrain (OWT) Integration
- Weapon Orientation Module (WOM)
- Position, Location, Timing Devices
- Mixed Reality Devices (e.g., Head Mount Displays)

Distribution A: Approved for public release
## FY22 Anticipated Awards

<table>
<thead>
<tr>
<th>Customer</th>
<th>Project</th>
<th>Anticipated Value</th>
<th>Anticipated Award/Action Date</th>
</tr>
</thead>
<tbody>
<tr>
<td>Army, CT2</td>
<td>Test and Evaluation Prototyping Project (TEPP) Electronic Warfare Training (EWT)</td>
<td>&lt;$20M</td>
<td>4Q FY22</td>
</tr>
<tr>
<td>NAWCAD</td>
<td>Cyber Warfare Prototyping (CWP)</td>
<td>$&gt;20M</td>
<td>4Q FY22</td>
</tr>
<tr>
<td>PEO, CS/CSS, PM-FSS</td>
<td>Improved Environmental Control Unit (IECU)</td>
<td>$&gt;20M</td>
<td>4Q FY22</td>
</tr>
<tr>
<td>Army, CT2</td>
<td>Test and Evaluation Prototyping Program (TEPP) Direction Energy Test (DET)</td>
<td>&lt;$20M</td>
<td>4Q FY22</td>
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<tr>
<td>EPG</td>
<td>Cyber Electromagnetic Activities (CEMA) Hardware-in-the-Loop (HWIL) with Intelligent Laboratory Electromagnetic Effects Emulator (CHILEEE)</td>
<td>$&gt;20M</td>
<td>4Q FY22</td>
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<tr>
<td>OUSD</td>
<td>Innovate Beyond 5G Program (IB5G)</td>
<td>&lt;$20M</td>
<td>4Q FY22</td>
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</tbody>
</table>

## FY23 Anticipated Awards

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<tbody>
<tr>
<td>Army PM ST, VTS</td>
<td>Mobile Protected Firepower Gunnery Training System (MPF GTS)</td>
<td>$&gt;20M</td>
<td>1Q FY23</td>
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<tr>
<td>NAVAIR</td>
<td>NAVAIR ASSIST</td>
<td>&lt;$20M</td>
<td>FY23</td>
</tr>
<tr>
<td>NAWCWD</td>
<td>Joint Electronic Attack and Compatibility Office (JEACO) Electromagnetic Spectrum Operations Warfare Prototype Program (EWP2)</td>
<td>&lt;$20M</td>
<td>FY23</td>
</tr>
</tbody>
</table>

Visit [https://nstxl.org/](https://nstxl.org/) to find more information on these OTA opportunities.
Acronym Key

ATS: Army Target Systems
CBID: Computer Based Instructional Development
CPFF: Cost Plus Fixed Fee
CTC: Combat Training Centers
CTR: Continuous Tech Refresh
DAGIR: Digital Air Ground Integration Range
DRTS: Digital Range Training System
DMPRC: Digital Multipurpose Range Complex
DMPTR: Digital Multipurpose Training Range
FASIT: Future Army System of Integrated Targets
FFP: Firm Fixed Price
GTS: Gunnery Training Systems
HITS: Homestation Instrumentation Training System
ID/IQ: Indefinite Delivery/Indefinite Quantity
IMI: Interactive Multi-media Instruction
IT: Information Technology
JPMRC: Joint Pacific Multinational Readiness Center
OTA: Other Transaction Authority
PD FTS: Product Director Future Training Solutions
PdM LTS: Product Manager Live Training Systems
PdM VTS: Product Manager Virtual Training Systems
RWP: Request for White Paper
RFS: Request for Solutions
STE: Synthetic Training Environment
SVT: Soldier Virtual Trainer
TRACR: Targetry Range Automated Control and Recording
TReX: Training And Readiness Accelerator
USMC: United States Marine Corps