PROGRAM MANAGER
TRAINING SYSTEMS

Mission: To improve the warfighting effectiveness of the MAGTF and globally deployed Marine Corps expeditionary forces by designing, developing, fielding and sustaining training devices and systems and providing training systems support. (Located in Orlando, Florida)
Supporting Establishment Systems (CES)
Portfolio Manager (PfM),
Col William Yates

Deputy Portfolio Manager
Ms. Kim Yarboro

Team Lead
Individual Training Systems
Mr. William Vorhies

Family of Egress Trainers
Improved Moving Target Simulator
Indoor Simulated Marksmanship Trainer
Marine Corps Distance Learning
Minor Training Devices
Supporting Arms Virtual Trainer
USMC - Operator Driver Simulator
Support Service Contract
Virtual Training Systems Support

Team Lead
Collective Training Systems
LtCol Richard Cushing

Combat Vehicle Training System
Combined Arms Command and Control
Trainer Upgrade System
Deployable Virtual Training Environment
Family of Combat Convoy Trainers
MAGTF Tactical Warfare Simulation
Support Service Contracts
Marine Corps Tactics & Operations Group
MAGTF Training Systems Support
Command and Control Training and
Education Center of Excellence

Team Lead
Range Training Systems
Mr. Luis Garcia

Force on Force Training Systems
Infantry Immersion Trainer
Combat Training Environment (aka MOUT)
Range Training and Devices Portfolio
Squad Immersive Training Environment
Tactical Video Capture System
Support Service Contracts
Ground Training Systems Support
Role Players

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FORCE ON FORCE INSTRUMENTATION

► Current situation
- Rapid growth in demand signal for force on force instrumented training
- ITESS II is in short supply
- Technology is six years old
- Equipment is wearing out with heavy use (e.g. batteries)

► Near term
- Training as a Service (TaaS) for FoF exercise support
  - Provide ITESS I equipment as GFE for TaaS effort
- Replenish components of ITESS II
- Redistribute and regionalize FoF training equipment to meet local demand and service level exercises

► Longer Term
- Refine ITESS III performance requirements
- Build on existing LT2 architecture
- Maintain interoperability with ITESS II
- Mobile communication infrastructure to extend range and entity counts
LIVE VIRTUAL CONSTRUCTIVE TRAINING
ENVIRONMENT ANALYSIS OF ALTERNATIVES

► Scoping the capability to align reach to grasp
  – “If you simulate everything then you simulate nothing”

► Identify federate simulations
  – MTWS (Constructive)
  – CACCTUS (Constructive)
  – DVTE (Virtual)
  – CCS (Virtual)
  – SAVT (Virtual)
  – RISCON (conduit from simulation to Live instrumentation)

► Mission Profiles for test cases
  – Operating Forces
  – MSTP
  – TTECG
  – MCTOG
  – MCLOG
  – MAWTS-1
  – Supporting arms control & coordination
  – MEFEX
  – ITX
  – TMIC
  – IMLOC
  – WTI
UNIT ORGANIC VIRTUAL TRAINING CAPABILITY

► Company level ‘Decision Room’ concept developed by 2d Bn 6th Marines
  – Converted Company Rec-Rooms into tactical decision gaming spaces
  – Continuous wargaming competition from fireteam to company level
  – Tools include existing DVTE equipment combined with ONR developed ADSUDM and DIRTE tools
  – Virtual wargaming followed by FoF field training to validate the wargame

► Assistant Commandant decision to conduct Marine Corps wide field user experiment to equip every infantry battalion with identical capability
  – Marine Corps Warfighting Lab RCO (Rapid Capability Office) is fielding Tactical Decision Kits (TDK) to 24 infantry battalions in FY17-18
  – Long term vision is to expand to all battalion level units
# FY17 – Business Opportunities

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<tr>
<th>Program</th>
<th>Industry Day</th>
<th>Draft RFP</th>
<th>Final RFP</th>
<th>Acquisition Strategy</th>
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<td>Combat Convoy Simulator (CCS) Modification</td>
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<td>21 Apr 17</td>
<td>21 Aug 17</td>
<td>Full and Open Competition – Best Value Tradeoff Analysis</td>
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<td>Supporting Arms Virtual Trainer (SAVT)</td>
<td>01 Sep 17 – CLNC</td>
<td>19 Apr 17</td>
<td>25 Aug 17</td>
<td>Small Business Competition – Best Value Tradeoff Analysis</td>
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| Command and Control Training and Education Center of Excellence (C2 TECOE) | 23 Feb 16 - CLNC  
25 Feb 16 - Quantico  
08 Mar 16 - CPEN  
10 Mar 16 - 29P | 16 Aug 17 | 4th QTR  
FY17 | Service-Disable Veteran-Owned  
Small Business Competition – Best Value Tradeoff Analysis |
Combat Convoy Simulator (CCS) Modification

Description/Summary of Program Requirements

CCS is an immersive training environment for convoy operations. CCS provides training for both vehicle operators and individuals in both vehicle and small arms weapon utilization, command and control procedures, improvised explosive device attacks, ambush attacks, evolving enemy tactics, response, and countermeasures.

PM TRASYS will accomplish a technology refresh to re-baseline the hardware and software of the seven fielded systems. Projected award is Q1 FY18.

**ACQUISITION STRATEGY**

Full and Open Competition

Best Value - Trade-off Analysis

**PERIOD OF PERFORMANCE**

1st Qtr FY18 to 4th Qtr FY22

**MILESTONES**

21 Aug 17

RFP Release

1st FY18

Contract Award

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

Lockheed Martin

**POINT OF CONTACT**

PM TRASYS

Phone: 407-381-8762

Email: pmtrasys@usmc.mil

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Supporting Arms Virtual Trainer (SAVT) and PDSS

Description/Summary of Program Requirements

The SAVT is a system that provides realistic training for Joint Tactical Air Controllers (JTAC), Forward Air Controllers (FAC), and Forward Observers (FO) in the placement of tactical ordnance for Close Air Support, Naval Surface Fires and Surface Fires to support initial schoolhouse qualifications and Annual Currency requirements. Included in this solicitation is requirement for a technical refresh of equipment and components.

PDSS Support requirement to support software integration of JSAF enhancements that become outdated or replaced; Support replacement in kind and hardware components such as PLDR, Vector21, StrikeLink and Windows 10 migration. This procurement will provide five years of Contractor Logistical Support (CLS) for the SAVT at MCB Camp LeJeune, NC; 29 Palms, CA; MCB Camp Pendleton, CA; MCB Okinawa, Japan; MCB Kaneohe Bay, HI with an option for MCAS Yuma, AZ.

ACQUISITION STRATEGY
Small Business Competition – Fed Biz Ops
Best Value – Tradeoff Analysis

PERIOD OF PERFORMANCE
2\textsuperscript{nd} Qtr FY18 to 3\textsuperscript{rd} Qtr FY23 (Current PoP Ends: 31 Jan 18)

MILESTONES
25 Aug 17
- RFP Release
1\textsuperscript{st} Qtr FY18
- Contract Award

CURRENT CONTRACT.ORIGINAL DEVELOPER/OEM (IF RECOMPETE)
- TJ Inc. (OEM & Prime)
Command and Control Training and Education Center of Excellence (C2 TECOE) Support Services

Description/Summary of Program Requirements

The C2 TECOE serves as the central Marine Corps agency for C2 training and education issues within the Doctrine, Organization, Training, Materiel, Leadership and Education, Personnel, Facilities (DOTMLPF) process in order to harmonize the art and science of Marine Air-Ground Task Force (MAGTF) C2 training and education requirements from the individual Marine through all levels of MAGTF commanders and their staffs, and training organizations located throughout the Marine Corps. In accordance with MCO 3500.11F, MAGTF Training Program, The C2 TECOE provides the Marine Corps Operating Forces a continuum of standards based command and control systems training to include individual C2 systems operator training; warfighting functional integration training, and initial Battle Staff Training (BST).

<table>
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<th>ACQUISITION STRATEGY</th>
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<td>Service-Disable Veteran-Owned Small Business Competition</td>
<td>2nd FY18 to 2nd Qtr FY25 (Current PoP Ends: 26 Oct 17) - Anticipating bridge to prevent gap in service</td>
<td>4th Qtr FY17 RFP Release</td>
</tr>
<tr>
<td>Best Value - Tradeoff Analysis</td>
<td></td>
<td>2nd Qtr FY18 Contract Award</td>
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CURRENT CONTRACT/ORIGINAL DEVELOPER/OEM (IF RECOMPETE)

Cubic Applications Inc. (under MTSS)

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Areas Where Industry Can Help

► Attend “Industry Days” to gain information and understand the requirement.
► Ask questions early and often throughout the process to clarify issues prior to RFP timeline
► Pay attention to instructions within the solicitation.
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PfM CES: PFMCES@usmc.mil
PfM LCES: PFMLCES@usmc.mil
PfM GCES: PFMGCES@usmc.mil
PM TRASYS: PMTRASYS@usmc.mil

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