



Predator Mission Aircrew Training Systems (PMATS)



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PMATS

Description

The Predator Mission Aircrew Training Systems (PMATS) provides pilot and sensor operator training for the Predator and Reaper aircraft. The PMATS consist of a ground control station, instructor/operator station, brief/debrief, and a local area network cabinet. The PMATS will be required to be DMO be capable providing locally networked and Distributed Mission Operations (DMO) environment training. The PMATS shall maintain concurrency with all aircraft (MQ-1 and MQ-9) capability.



U.S. AIR FORCE

PMATS

Acquisition Strategy

- New contract (not under TSA)
- Full and open competition
- Single award

Program Office POC

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U.S. AIR FORCE

PMATS

Funding

Anticipated Funding

- RDT&E - \$57M
- Production - \$89M
- O&M - \$89M

Procurement Authority POC

Name: Scott L. MacDonald

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PMATS

Summary of Program Requirements

- Provides pilot and sensor operator training concurrent with the Predator and Reaper aircraft
- Locally networked and Distributed Mission Operations (DMO) environment training
- Maintain concurrency with MQ-1 and MQ-9
- Contractor Logistics Support to maintain fielded training systems
- Procure 48 PMATS to be delivered to 9+ locations



PMATS

Milestones

- RFI Release: Jun 09
- Industry Day 1: Jan 10
- Industry Day 2: Jun 10
- RFP Release: Aug 10
- Contract Award: May 11

Current Contract (if recompetete)

Company: Link Simulation & Training

Contract Number: F33657-01-D-2077 0007

Period of Performance: 31 Dec 2011



U.S. AIR FORCE

PMATS

End User POC

Name: Nelson, Kathryn M Maj USAF

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Original Developer/OEM (if recompetete)

Company: Link Simulation and Training

Date Delivered: Jan 2007



U.S. AIR FORCE

T25 Simulator for Electronic Combat Training (SECT)



Deb Botkin

Organization: 677AESG/SYCC

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Date: 25 May 10



T25 SECT

Description

- Aircrew training device used in Combat Systems Officer training at NAS Pensacola, FL
- Designed to leverage high fidelity physics-based training in a full range of fundamental electronic combat applications
- 18 student stations and 9 instructor operator stations, and a Training System Support Center (TSSC)



U.S. AIR FORCE

T25 SECT

Acquisition Strategy

- Competitive Delivery Order Award under the Training System Acquisition II contract

Program Office POC

Name: Deb Botkin

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T25 SECT

Funding

- Total estimated contract cost is \$19.9M for 5 ½ years

Procurement Authority POC

Name: Bill Oswald

Organization: 677 AESG/PK

Phone: (937) 255-4724

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T25 SECT

Summary of Program Requirements

- Maintain 95% system availability
- Support for hardware and software operation and sustainment, maintenance support, support management, maintenance and replenishment of spares and support equipment
- Support for TSSC to include
 - Development and modification of training missions
 - Familiarity with strategic/covert penetration, standoff jamming/direct support (SOJ/DS), electronic intelligence (ELINT) collection, and suppression of enemy air defenses (SEAD)



T25 SECT

Summary of Program Requirements

- Support for TSSC to include
 - Administration, maintenance, and update of the system software, lab/mission files, library data files, technical publications, engineering drawings, and other technical data
- Execution of an Associate Contractor Agreement (ACA) which recognizes Government General Purpose Rights (GGPR) associated with T25 SECT software, design resources and documentations
- Engineering Change Proposals as required by the Government



T25 SECT

Milestones

| <u>Event</u> | <u>Estimated Date</u> |
|-------------------|-----------------------|
| Draft RFP release | 15 Jul 10 |
| Industry Day | 20 Jul 10 |
| RFP release | 30 Jul 10 |
| Contract Award | 27 Dec 10 |

Current Contract (if recompetete)

Company: AAI Corp.

Contract Number: F42630-00-C-0223

Period of Performance: Oct 00 – Mar 11



U.S. AIR FORCE

T25 SECT

End User POC

Name: Bill Watson

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Original Developer/OEM (if recompetete)

Company: AAI Corp



Joint Terminal Control Training and Rehearsal System (JTC TRS)



Ken Millard

Organization: 677 AESG/SYCC

Phone: 937-255-4786

Email: Kenneth.Millard@wpafb.af.mil

Date: 25 May 2010





Joint Terminal Control Training and Rehearsal System (JTC TRS)

Description

- The Joint Terminal Control Training & Rehearsal System is a training/mission simulation system that has joint applicability for training Joint Terminal Attack Control (JTAC) personnel in all services
- Basic Requirement System must train: Terminal Attack Control; Fire Support Coordination; Air Traffic Control (Landing Zone: Take-Off, Taxi, Landing, Park, Drop Zones: Paratroops, Cargo) and Mission Rehearsal
- Multiple configurations required to meet multiple student type and location needs
- Development underway for partial dome production representative article



Joint Terminal Control Training and Rehearsal System (JTC TRS)

Acquisition Strategy

- TBD

Program Office POC

| | | |
|---------------|---|---|
| Name: | } | Ken Millard |
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| Phone: | | 937-255-4786 |
| Email: | | Email: Kenneth.Millard@wpafb.af.mil |



Joint Terminal Control Training and Rehearsal System (JTC TRS)

Funding

- Funds will include 3080, 3400, potential for 3600
- Build-to-budget for FY11+

Procurement Authority POC

| | |
|---------------|--------------------------|
| Name: | Bill Oswald |
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Joint Terminal Control Training and Rehearsal System (JTC TRS)

Summary of Program Requirements

- Follow-on effort to produce 50+ devices, CLS
 - Based on Technical Data Package delivered under development effort (provided in bidder's library)
 - Production Representative Article provided to winning offeror
- Training System Support Center Capability
- Potential for develop of additional configurations



Joint Terminal Control Training and Rehearsal System (JTC TRS)

Milestones

- RFP Release expected FY10 / 4Q
- Contract Award, FY11 / 3Q

Current Contract (if recompetete)

| | | |
|------------------------|---|-----------------------------------|
| Company: | } | Fidelity Technologies Corporation |
| Contract Number: | | FA8621-09-C-6299 |
| Period of Performance: | | Feb 09 – May 10 |



Joint Terminal Control Training and Rehearsal System (JTC TRS)

End User POC

Name: } Mr. Al "Gruff" Watkins
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 } alvin.watkins@langley.af.mil

Original Developer/OEM (if recompute)

Company: } Fidelity Technologies Corporation
Date Delivered: }



Global Hawk (GH) Weapon System Trainer (WST)



Ilya Lipkin

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Date: 25 May 2010



GH WST

Description

- The GH WST will perform simulated operations across the GH high-altitude long-endurance intelligence, reconnaissance and surveillance mission spectrum
- The GH WST specifications will allow for high-fidelity training capability for Initial Qualification Training (IQT), Mission Qualification Training (MQT), Continuation Training (CT) and instructor upgrade training



GH WST

Description

- The GH WST allows for selectable training events:
 - Launch and recovery procedures/operations
 - Sensor operation (single or in combination)
 - Emergency procedures
 - Local area and deployment operations
 - Mission rehearsal
- The GH WST is required to be DMO capable providing locally networked and Distributed Mission Operations (DMO) environment training. The GH WST shall maintain concurrency with all aircraft (RQ-4B Block 20/30 and 40) capability



GH WST

Acquisition Strategy

- New contract (not under TSA)
- Full and open competition
- Single award
- 5-7 years Period of Performance

Program Office POC

Name: Rexroad Adrienne

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GH WST

Funding

Anticipated Funding

- RDT&E - \$44.5M
- Production - \$13.7M
- O&M - Budgeted into ATS requirements

Procurement Authority POC

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GH WST

Summary of Program Requirements

- Provides pilot and sensor operator training concurrent with the GH RQ-4B Block 20/30 and 40 aircraft
- Incorporates synergy efforts between NAVY BAMS Mission Systems Trainer (MST) and GH WST
- Locally networked and Distributed Mission Operations (DMO) environment training
- Maintain concurrency with GH RQ-4B Block 20/30 and 40 aircraft
- Contractor Logistics Support to maintain fielded training systems
- Procure 7 GH WST with option for additional units
- Primary Aircrew Training School Location Beale AFB



GH WST

Milestones

- RFI Release: April 10
- Industry Day 1: Sep 10
- Industry Day 2: Feb 11
- RFP Release: Feb 11
- Contract Award: March 12

Current Contract (if recompetete)

This is a brand new effort



GH WST

End User POC

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Original Developer/OEM (if recompetete)

This is a brand new effort