

PEO STRI



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Deputy PM, PM ITTS

Advanced Range Tracking and Imaging System (ARTIS) Instrumentation Management Office (IMO)



Description/Summary of Program Requirements

- The Advanced Range Tracking and Imaging System (ARTIS) project will develop a lower cost, remotely operated, day/night, interoperable optical tracking and imaging system for Department of Defense (DoD) Test Ranges with improved tracking performance.
- The ARTIS project will require small, highly dynamic optical tracking systems that can be deployed at ground level or on elevated platforms; medium-sized optical tracking systems that can accommodate slightly larger payloads; and operations and control hardware/software that provides for the remote control of single and multiple optical tracking systems over a Test Range network.

ACQUISITION STRATEGY	PERIOD OF PERFORMANCE	MILESTONES	
<ul style="list-style-type: none"> • TBD • Currently performing Market Research 	<ul style="list-style-type: none"> • Base contract for development, integration, and test: POP TBD • Anticipate production starting in FY17 	3 rd Qtr FY 13  RFP Release	2 nd Qtr FY 14  Contract Award
POINT OF CONTACT	FUNDING	CURRENT CONTRACT/ORIGINAL DEVELOPER/OEM (IF RECOMPETE)	
Name: PM ITTS Organization: Phone: (407)384-5252 Email: ITTS@peostri.army.mil	<ul style="list-style-type: none"> • Central Test and Evaluation Investment Program, RDT&E • Initial system(s) funding - TBD • Production funding - TBD 	<ul style="list-style-type: none"> • No current contracts 	



Description/Summary of Program Requirements

- Develop a set of urban test capabilities to fulfill the Department of Defense’s (DOD) need for a realistic, reconfigurable, instrumented urban test environment to support developmental and operational testing.
- Of the nine Prime Mission Products, the first increment will include a Live Urban Area; Augmented Urban Environment Effects (AUUE); Data Collection, Reduction and Analysis; Test Planning and Control; Test Architecture; and Net-Centric Interoperability. The first incremental capability is a subset of the total requirement and will be located at White Sands Missile Range (WSMR). Follow-on capabilities such as live environments at China Lake and virtual and constructive environments for WSMR, China Lake and Patuxent River will possibly be addressed in later increments.

ACQUISITION STRATEGY

- Evolutionary Acquisition: The first increment is defined
- Follow-on increments will be based on greatest test capability need
- Mix of competitive procurement and existing contract vehicles

PERIOD OF PERFORMANCE

- Base contract in FY 14 with options in FY15, FY16, FY17 to complete the procurement
- Demonstrate performance before options are activated

MILESTONES

3rd Qtr FY 13



2nd Qtr FY 14



POINT OF CONTACT

Name: PM ITTS
 Organization:
 Phone: (407)384-5252
 Email: ITTS@peostri.army.mil

FUNDING

- Central Test and Evaluation Investment Program, total project funding is \$95M, RDT&E
- Expected funding for competitive procurement is ~ \$34M, RDT&E

CURRENT CONTRACT/ORIGINAL DEVELOPER/OEM (IF RECOMPETE)

- No current contracts

Army Target Control Systems Targets Management Office (TMO)



Description/Summary of Program Requirements

- The Army Target Control Systems will provide control of the primary aerial and ground targets operated by the Targets Management Office (TMO) for ATEC, the US Army, other US military forces and for Foreign Military Sales (FMS) customers.
- This contract will support the Army Target Control Systems Engineering Services necessary to develop and initially field the new Army Ground and Aerial Target Control System (AGATCS), to support all legacy configurations of the Model 8770 Target Tracking Control System (TTCS), Target Interface Control Units (TICU), and associated ancillary equipment, and provide support for other miscellaneous target control systems that the Targets Management Office may occasionally use.

ACQUISITION STRATEGY

- Full and open competition
- Single award

PERIOD OF PERFORMANCE

- Baseline effort with four option years

MILESTONES

3rd Qtr FY 13



RFP
Release

1st Qtr FY 14



Contract
Award

POINT OF CONTACT

Name: PM ITTS
 Organization:
 Phone: (407)384-5252
 Email: ITTS@peostri.army.mil

FUNDING

- ~\$20 Million in RDT&E funding

CURRENT CONTRACT/ORIGINAL DEVELOPER/OEM (IF RECOMPETE)

- Current contract for Target Control Systems, W31P4Q-09-C-0543.
- Awarded through full and open competition to Micro Systems, Inc.

Air Defense Artillery (ADA) Targets Targets Management Office (TMO)



Description/Summary of Program Requirements

- Provides aerial targets, ancillary devices and contractor support services for mandated Active Army and National Guard Avenger live-fire crew gunnery weapon qualifications and missile engagement events.
- Additionally, provides support to many weapons platform PMs as a livefire UAS surrogate.

ACQUISITION STRATEGY

- Competitive small business set aside
- Single award
- Hardware/Operational Services, FFP
- Engineering Services, CPFF

PERIOD OF PERFORMANCE

- Baseline effort with four option years

MILESTONES

4th Qtr FY 13



RFP
Release

3rd Qtr FY 14



Contract
Award

POINT OF CONTACT

Name: PM ITTS
Organization:
Phone: (407)384-5252
Email: ITTS@peostri.army.mil

FUNDING

- ~\$59M
- Procurement, RDT&E and O&M

CURRENT CONTRACT/ORIGINAL DEVELOPER/OEM (IF RECOMPETE)

- Current Contract:
- W31P4Q-09-C-0497
- Incumbent: Griffon Aerospace Inc (GAI)
- OEM: GAI

Description/Summary of Program Requirements

- Production contract for the Threat Signals Injection Jammer (TSIJ) program.
- Generates a series of new threat Electronic Warfare (EW) hardware simulators that produce a wide array of communications jamming waveforms, that encompass a large Radio Frequency (RF) range. These systems will support Army Test and Evaluation.
- Advances current simulator baseline with new capabilities, at the indicated quantity levels:
 - Two-channel Man-Portable COMS threat signal injection jamming unit (220 units)
 - Five-channel vehicle borne next-generation signal injection jamming device with both COMS and GPS jamming capabilities (290 units)
 - Low-power, Unmanned, All-Weather Control Signal Transmitter for remote locations and capable of open air COMS and GPS jamming transmissions (40 units)

ACQUISITION STRATEGY

- Small business set aside production contract

PERIOD OF PERFORMANCE

- 36 months – base year with 2 one-year options

MILESTONES

3QFY12



RFP
Release

2QFY13



Anticipated
Contract Award

POINT OF CONTACT

Name: PM ITTS
 Organization:
 Phone: (407)384-5252
 Email: ITTS@peostri.army.mil

FUNDING

- Total Funding \$10M (OPA)
- Base year \$ 2.3M (OPA)
- Option year 1 \$ 4.1M (OPA)
- Option year 2 \$ 3.6M (OPA)

CURRENT CONTRACT/ORIGINAL DEVELOPER/OEM (IF RECOMPETE)

- Scientific Research Corporation (SRC)
- Technical Data Package was available 3QFY12

Threat Computer Network Operation (TCNO) Threat Systems Management Office (TSMO)



Description/Summary of Program Requirements

- A Threat Computer Network Operations Team (TCNOT) to support Developmental and Operational TCNO Test and Evaluation (T&E) and training events and administrative staff for the development, maintenance, and support of the Information Operations Range (IOR) and the Threat Target Network (TTN) referred to as the Threat Network Operations Center (TNOC) Team.
- Satisfies Army and Tri-service requirements for a threat representative Computer Network Operation (CNO) capability.
- CNO team, comprised of U.S. personnel required to maintain extensive and unique training, certificates, and clearances to execute threat CNO on open and closed Army networks.
- Provides realistic intelligence-based real-world adversarial threat Computer Network Exploitation (CNE), Computer Network Defense (CND), and Computer Network Attack (CNA).
- Primary tool is the Network Exploitation Test Tool (NETT).

ACQUISITION STRATEGY

- Competitive 8(a) set-aside

PERIOD OF PERFORMANCE

- 60 months – base year with 4 one-year options

MILESTONES

3QFY12



RFP
Release

2QFY13



Anticipated
Contract Award

POINT OF CONTACT

Name: PM ITTS
Organization:
Phone: (407)384-5252
Email: ITTS@peostri.army.mil

FUNDING

- Total Funding \$10M (RDTE)
- Base year \$ 2M (RDTE)
- Option year 1 \$ 2M (RDTE)
- Option year 2 \$ 2M (RDTE)
- Option year 3 \$ 2M (RDTE)
- Option year 4 \$ 2M (RDTE)

CURRENT CONTRACT/ORIGINAL DEVELOPER/OEM (IF RECOMPETE)

- Millennium Corporation
- Requirement Package is available for recompile