



Test and Evaluation 5.3

Mr. Gregg Van Splinter
Chief Engineer, AIR 5.3

TTSD Mission

Our mission is to emulate threats for weapons and EW systems T & E and to support experimentation and Fleet training



UNDERSTANDING THE CRITICAL MASS
Generic/Surrogate/Validated/Replica/Actual
(Cost Effective Fidelity For T&E & Training)

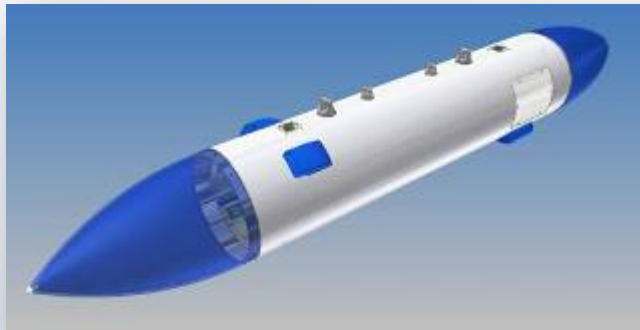
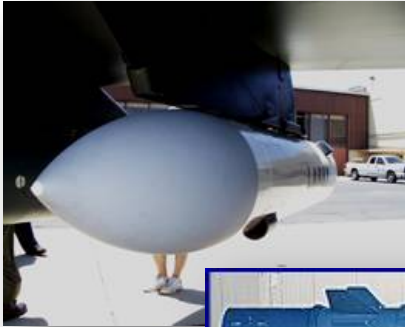
Aerial Targets



Seaborne Powered Targets



Threat EW & Radar Simulation



Target Transformation





Airborne Threat Simulation Organization (ATSO) Support

- **ATSO provides the warfighter with highly representative, validated, timely and affordable threat electronic-combat environments in which to test and train.**
- **ATSO is the Targets Reliance Organization (TRO) lead in providing threat radar emitter and electronic attack devices for T&E aerial target applications.**
- **ATSO provides high fidelity threat air-to-air and air-to-surface jamming systems, anti-ship cruise missile, airborne platform and surface-to-air missile radar threat simulation systems and high fidelity electronic target generation. These systems are used to support a wide variety of joint service and FMS programs**



Electronic Assemblies

Description Summary of Program Requirements

Airborne Threat Simulation Hardware

Acquisition Strategy

- Single Award
- Small Business Set-aside
- IDIQ

Period of Performance

- 5 Years

Milestones

4th Qtr FY 12



RFP
Release

2nd Qtr FY 13



Contract
Award

Point of Contact

NAWCWD Public Affairs Office
Code 750000D
1 Administration Circle
China Lake, CA 93555-6100
CHLK-WDSiteContent@navy.mil

Funding

- \$10M - \$50M
- Type funding Production, O&MN

Incumbent Contractor Current Contract Number

- CTA, Inc
- Ridgecrest, CA
- N68936-09-D-0023



ATSO Engineering Services

Description Summary of Program Requirements

In support of ATSO

- ATSO provides highly representative, validated, timely and affordable threat electronic-combat environments in which to test and train. ATSO is the Targets Reliance Organization (TRO) lead in providing threat radar emitter and electronic attack devices for T&E aerial target applications. ATSO provides high fidelity threat air-to-air and air-to-surface jamming systems, anti-ship cruise missile, airborne platform and surface-to-air missile radar threat simulation systems and high fidelity electronic target generation. These systems are used to support a wide variety of joint service and FMS programs.
- Support areas include: development, production/procurement, maintenance, system test, integration, threat research, operations.

Acquisition Strategy

- Single Award
- SeaPort-e Order

Period of Performance

- 1 Base Year
- 4 One-Year Options

Milestones

2nd Qtr FY 13



RFP
Release

4th Qtr FY 13



Contract
Award

Point of Contact

NAWCWD Public Affairs Office
Code 75000D
1 Administration Circle
China Lake, CA 93555-6100
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Funding

- \$10M - \$50M
- Type funding RDT&E, production, O&MN

Incumbent Contractor Current Contract Number

- Jacobs NSG
- Camarillo, CA
- N00178-04-D-4072 GM03



Target Operations and Maintenance

Description Summary of Program Requirements

Pacific Target and Marine Operations (PTMO) Operation and Maintenance (O&M) support

- All aerial, seaborne and land based target systems (subscale, tows, surface and kits), providing Sea Test Range boundary operations, effecting target systems to satisfy unique Fleet and T&E programs requirements
- Work performed primarily at NAWCWD Point Mugu and China Lake; NSWC Port Hueneme; White Sands Missile Range, New Mexico; and Pacific Missile Range Facility, Hawaii.
- All functional areas are subject to occasional off-site requirements including worldwide target service locations

Acquisition Strategy

- Small Business Set-aside
- Non-Seaport-e Award

Period of Performance

- 1 Base Year
- 4 One-Year Options

Milestones

4th Qtr FY12



RFP
Release

1st Qtr FY 13



Contract
Award

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Funding

- \$50M - Over
- Type funding RDT&E, WPN, O&MN

Incumbent Contractor Current Contract Number

- SA-TECH
- Largo, MD
- N00178-04-D-4118 GM01
- Seaport-e



Pacific Range Support Team Range Instrumentation Support

Description Summary of Program Requirements

Provide Range instrumentation systems engineering, Operations and Maintenance, configuration and data management, analysis, and logistics support for range instrumentation systems in support of the Pacific Range Support Team supported MDA missions in the Pacific/Atlantic broad area test beds and other fixed and/or mobile locations worldwide.

Acquisition Strategy

- Single Award

Period of Performance

- 5 Years

Milestones

4th Qtr FY 12



RFP
Release

3rd Qtr FY 13



Contract
Award

Point of Contact

NAWCWD Public Affairs Office
Code 75000D
1 Administration Circle
China Lake, CA 93555-6100
CHLK-WDSiteContent@navy.mil

Funding

- \$50M - Over

Incumbent Contractor Current Contract Number

- ITT
- N00178-05-D-4395-GM01
(SeaPort-e)



Questions and Answers Information Exchange

***The reason we're here!
Raise your hand and we'll bring
you a microphone***