



Aircrew Electronic Warfare Tactical Training Range

Mission Summary

Leidos, Maritime Operations and Logistics Solutions (MOLS) supports NAWC's mission of researching, developing, delivering and sustaining the threat systems, range equipment, displays and software solutions used for pre-deployment aircrew warfighter training and weapons systems testing. Specifically, the *Aircrew Electronic Warfare Tactical Training Range (AEWTTR)* initiative supports training on electronic warfare, surface-to-air, instrumentation and unmanned threats. AEWTTR is an important part of an integrated network of established training sites designed to provide the most realistic, joint mission environment.

CUSTOMER

Naval Air Warfare Center,
Weapons Division (NAWCWD)

VALUE

\$424,000,000 (Single-Award)

CONTRACT

N68936-17-D-0013

PLACE OF PERFORMANCE (PRIMARY)

China Lake, CA



High Level Statement of Work

MOLS applies system engineering principles to design, develop, modify and sustain complex multi-spectral smart target, threat and surveillance systems. We enable data acquisition, processing and communication between a diverse set of instrumentation to enhance lessons learned for the warfighter.

- ▶ **Range Instrumentation:** Development of new Threat Emitters, Smart Target/ Multi-Spectral Threats.
- ▶ **Interface Development:** Portable Air Defense System / Tactical Combat Training System Interface
- ▶ **Hard/Software Support:** Electronic Warfare (EW) software models of Integrated Air Defense Systems. EW multiplexer and server configuration, development and sustainment.
- ▶ **Studies & Analysis:** Perform detailed assessments of models, simulations, networks and environments to include hardware, software and system platforms.
- ▶ **Threat System Sustainment:** On-site and depot level maintenance of target/threat/surveillance systems. Threat presentation operation and management. Field upgrades for EW / Threat systems and range infrastructure.

ABOUT LEIDOS:



Leidos is a Fortune 500® information technology, engineering, and science solutions and services leader working to solve the world's toughest challenges in the defense, intelligence, homeland security, civil, and health markets. The company's 32,000 employees support vital missions for government and commercial customers. Headquartered in Reston, Virginia, Leidos reported annual revenues of approximately \$10.19 billion for the fiscal year ended December 28, 2018.



Program Achievement Highlights

- ▶ Leidos has earned 'Exceptional' CPARS ratings for overall quality, schedule and cost control.
- ▶ Developed and delivered the Reactive and Non-Reactive Threat Radar Emitter Simulators, and the Mobile Electronic Warfare Threat Simulator (MEWTS). Delivered MEWTS variants to both the US Navy and the Royal Australian Air Force.
- ▶ Manufactured and supported +30 product lines that create realistic threat scenarios for the Warfighter on Tactical Training Ranges worldwide.

FOR MORE INFORMATION:

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