Hardware-in-the-Loop, Modeling, Simulation & Training Services

In 2021, Leidos was awarded two task order subcontracts supporting the Software, Simulation, Systems Engineering and Integration (S3I) Directorate, DEVCOM Aviation and Missile Center (AvMC). The scope of the contracts covers Hardware-in-the-Loop (HWIL) and Modeling and Simulation (M&S) Development to support end-to-end, life-cycle development and execution, thus ensuring warfighter readiness and future capabilities realization. These contracts are open to all Department of Defense (DOD) customers and are available across Leidos and their customers.

Work under these contracts will be performed under General Services Administration’s (GSA) One Acquisition Solution for Integrated Services (OASIS) professional services contract.

OUR CAPABILITIES

The 21st Century presents security and military forces with a wide array of threats. Meeting these threats means making sure your operators and maintainers get the right training for the mission. They might need live-training exercises, virtual reality simulations, or the construction of a gaming environment. Leidos provides these and other training solutions to ensure your operators and maintainers are ready to meet the threat and complete the mission.

- **Live Training** - Leidos handles everything from running the fiber for the communications groundwork and building the Test and Training Enabling Architecture (TENA) to supporting PM Instrumentation, Targets, and Threat Simulators (PM ITTS).
- **Virtual Training** - Leidos offers integration of complex virtual systems. Whether our ground system trainers, such as the Common Driver Trainer (CDT) or our aviation trainers like Non-rated Crew Member Manned Module (NCM3), Leidos leverages OneSAF common constructive simulation platform and SE Core architectural framework to reduce equipment sustainment and maintenance costs.
- **Constructive and Gaming** - Underlying both Leidos live and virtual training product lines is the Constructive and Gaming division, where we create 400 million square miles of simulated terrain, used in virtual reality training regimens as well as physical "sets" for live training.
CONTRACT INFORMATION

Modeling and Simulations for Systems Engineering (MSSE)
MSSE is a Single Award Task Order under GSA One Acquisition Solution for Integrated Services (OASIS) Pool 5B. The contract is administered by Army Contracting Command – Redstone (ACC-R). MSSE is an umbrella Task Order supporting US Army Customer Combat Capabilities Development Command (CCDC) Aviation and Missile Center (AvMC) Software, Simulation, Systems Engineering & Integration (S3I) Directorate.

Hardware in the Loop and Modeling and Simulation Development (HMSD)
HMSD is a Single Award Task Order under GSA One Acquisition Solution for Integrated Services (OASIS) Pool 4. The contract is administered by Army Contracting Command – Redstone (ACC-R). HMSD is an umbrella Task Order supporting US Army Customer Combat Capabilities Development Command (CCDC) Aviation and Missile Center (AvMC) Software, Simulation, Systems Engineering & Integration (S3I) Directorate.

KEY CONTRACT FEATURES

- Easy to use
- Government oversight
- Government-to-Government transaction
- Broad statement of work
- S3I approves work onto the contract
- S3I government engineering support can be provided
- Not competitive: “Hunt, Kill, Eat” philosophy
- Open to all Government agencies
- Scope: 88 labor categories (MSSE); 126 labor categories (HMSD)
- Includes: Labor, travel, materials / ODCs
- Broad statement of work

PROVEN SUCCESS

With nearly 50 years of experience training the world’s security forces and militaries, Leidos knows what works and how to make it work better. We bring cutting-edge technologies to improve your training results. We deliver what we promise — and provide support after delivery to maximize the effectiveness of your system.

WHY PARTNER WITH LEIDOS

At Leidos, our talented employees work diligently to develop, deliver, and maintain holistic live, virtual, and constructive (LVC) training systems that help our customers — in the U.S. and among U.S. allies abroad.

As your trusted partner in training, we work side-by-side with you to improve your operational performance, information management, and efficiency. We work equally well as a prime contractor or among several contractors. Some of our highest-profile projects involve Leidos partnering as a subcontractor to small businesses holding prime government contracts. If you have such a contract and require assistance with software development or any other tasks necessary to bring it to completion, Leidos is ready.

FOR MORE INFORMATION

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