

Army Prototyping New Optical Tracking Systems.

Technology Accelerator signs \$27.7 million agreement with Photo-Sonics

The U.S. Army, under the Training and Readiness Accelerator (TReX), has awarded a rapid prototyping agreement to Photo-Sonics, Inc.

Photo-Sonics was awarded an Other Transaction Agreement (OTA; in accordance with 10 U.S. Code § 2371b) for the Multispectral Imaging and Tracking System (MITS) prototype project. Photo-Sonics received the award on 11 January 2019 in the amount of \$27,769,670 for all phases of this effort.

Testing across the Department of Defense (DOD) ranges is a constantly evolving mission based on DOD priorities, challenging test requirements, and emergent technologies/systems that require test data to verify or improve performance. The MITS prototype will provide the DOD test ranges with a common set of remotely-operated all-weather optical tracking systems that meet optical measurement requirements.

“This new optical tracking system will allow the test and evaluation of the next generation of hyper-velocity and directed energy (DE) weapon systems currently in development by the U.S. Army”, said Philip Kiel, company president.

The Chatsworth, Calif.-based Photo-Sonics will produce a prototype for Army review in the coming months. After the review, the Army may choose to develop additional units for further testing and possible deployment.

Photo-Sonics has been a trusted supplier of optical equipment for rocket and missile-related applications to the U.S. Army for over 70 years. The company’s “Fly-Out and Close-In solutions” will build on this robust history to create a prototype system that combines high-precision, high-accuracy capabilities for use on the U.S. Army test ranges.

The TReX is managed by the Arlington, Va.-based National Security Technology Accelerator (NSTXL), which will provide assistance to Photo-Sonics along the way to completion.

“This TReX project is a critical initiative to protect the warfighter that we couldn’t be prouder to support. NSTXL looks forward to supporting Photo-Sonics through the development process,” said Tim Greeff, CEO of NSTXL.

NSTXL offers a unique and simplified approach for the Army and for companies that have technologies they want the Army to consider. NSTXL helps to rapidly identify, develop and transition technologies from innovators to the U.S. military, ranging from individual warfighter gear to large-scale defense systems.

“We link innovators with federal funds, shepherd them through an efficient procurement process measured in weeks not years, and then stay with them through the development process,” Greeff said.

About NSTXL—*The National Security Technology Accelerator is a non-profit based in Arlington, VA. It is the essential Pentagon partner for rapidly delivering mission-driven systems and emerging technologies to the U.S. military (www.NSTXL.org).*

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