



Polestar Technologies Awarded 12-Month Contract to Develop a Non-Imaging System to Detect Concealed Explosives and Anomalies for the Naval Surface Warfare Center, Indian Head Division

Needham, Mass – March 22, 2022 - Polestar Technologies Inc., a woman-owned small business in Massachusetts, has recently been awarded a contract funded by Explosive Detection Equipment (EDE) Branch at the Naval Surface Warfare Center, Indian Head Division in Maryland. The contract is being funded to develop a non-imaging system to detect concealed anomalies and identify concealed explosives on people at 15-20 meters (50-65 feet) standoff distance using multispectral analysis.

Over the next 12 months, Polestar Technologies will design and develop the system and demonstrate the ability to detect anomalies. Working with the EDE Branch, they will provide oversight as well as testing.

The Polestar Team will leverage their broad experience in innovative technologies in optical sensing. “We are proud to be a part of such an important project. The technology, used to detect explosives hidden under the clothes by a person from a safe standoff distance, could protect a large number of people and safeguard important infrastructures,” said Karen Carpenter, founder, and CEO of Polestar Technologies. “This technology could be a game-changer, allowing people to feel safe during uncertain times, and we are proud of that.”

Polestar Technologies has previously supported the Naval Surface Warfare Center by providing protection from chemical and biological contaminants hidden in a variety of packages, in addition to developing a portable soil analyzer to identify contaminants in the soil for the U.S. Department of Energy. This contract will have a 12-month base period, with an option to extend the contract another 6 months.

About Polestar Technologies

Established in 1993, Polestar Technologies is a recognized leader in optical sensing technologies. Our mission is to provide precise and accurate solutions for challenging technical and industrial uses. We customize sensors to help solve the most challenging requirements across biopharmaceutical, medical, homeland defense, and the food and beverage industries. For more information, please visit www.polestartech.com.

About Naval Surface Warfare Center, Indian Head Division

Naval Surface Warfare Center, Indian Head Division is the Department of Defense Energetics Center and serves as the DoD Explosive Ordnance Disposal Technology Program lead. NSWC IHD focuses on the research, development, test, evaluation and in-service support of energetics and energetic systems as well as works to provide Soldiers, Marines, Sailors, and Airmen worldwide with the information and technological solutions they need to detect/locate, access, identify, render safe, recover/exploit, and dispose of both conventional and unconventional explosive threats.

