

8 November 2022

ASX RELEASE

U.S. Government Contract

DroneShield Ltd (ASX:DRO) (DroneShield or the Company) is pleased to announce that it has received, in a teaming arrangement between its US subsidiary DroneShield LLC and Quantum Research International, Inc. (Quantum), a Small Business Innovation Research (SBIR) Phase 1 project for “Utilizing Machine Learning Algorithms to track and identify UAS threats” for the United States Department of Defense (DoD) administered by SOFWERX.

SOFWERX is a platform established under a Partnership Intermediary Agreement between US Special Operations Command (USSOCOM) and DEFENSEWERX (a non-profit focussing on homeland security innovation) to help USSOCOM solve challenging Warfighter problems.

Quantum is a global services and technology company headquartered in Huntsville, Alabama, focused on multi-platform warfare domains. Quantum is the project principal lead with DroneShield supporting the work.

Phase 1 of the project covers a feasibility study to investigate the art of the possible regarding development of a LiDAR-based system using Machine Learning (ML) algorithms to create electronic signatures for Unmanned Aerial System (UAS) identification and continuous surveillance of UAS/drone threats. The project will address the risks and potential payoffs of the innovative technology options that are investigated and recommend the option that best achieves the objective of this technology pursuit. Phase 1 of the project is expected to be completed in the first quarter of 2023.

Quantum and DroneShield will perform applied research, development, and assessment of the feasibility of all viable overall system design options with respective specifications for detection and identification of UAS that provide real-time alerts with geolocation of target objects in the air. The main features for capability development will include range maximization while maintaining accuracy of detection.



Image: DroneShield DroneSentry system including RfOne detection sensors and DroneCannon defeat devices

Matt McCrann, DroneShield US CEO, commented, “We’re excited to enter this collaboration to support cutting edge technologies enabling today’s warfighter. We look forward to completing the initial phase of the project with our partner Quantum and the potential for subsequent stages of development and fielding of the technology.”

While the undisclosed value of the contract is under materiality threshold, it is expected to lead to material follow up projects, including Phase 2 of the SBIR program.

This announcement has been approved for release to the ASX by the Board.

Further Information

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About DroneShield Limited

DroneShield (ASX:DRO) provides Artificial Intelligence based platforms for protection against advanced threats such as drones and autonomous systems. We offer customers bespoke counterdrone (or counter-UAS) and electronic warfare solutions and off-the-shelf products designed to suit a variety of terrestrial, maritime or airborne platforms. Our customers include military, intelligence community, Government, law enforcement, critical infrastructure, and airports globally.

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