Salient Characteristics for C-UAS Radar System:

- X-band pulse-doppler Radar with 360 degrees of coverage and a detection range of at least two miles against a 1.4kg drone.

- Includes a web-based application that visualizes UAS tracks on a map and provides alarms if drones are detected in user-defined areas.

- Organic capability to classify tracks to differentiate UAS from birds or other flying objects.

- Radome assembly no heavier than 75 lbs

- Track-while-scan capability

- Remotely operated from an internal enclosure while system is externally positioned outside.

- Capability for external networking.

- Include transport cases for system relocation or need to return system components for repair.

- System package must include necessary interconnect cabling for remote operation, user manuals, software license, on-site system setup and operation training at Shaw AFB, SC, and service and support availability.