

STATEMENT OF REQUIREMENT

FOR

Radio System Core Node Upgrade

- 1. Description of Requirements:** The 142WG radio trunking system requires main system components to be refreshed. The system hardware has exceeded its normal life expectancy. The current system is a Harris 5 channel trunking system. The core connects to the remote radio site consisting of 5 Harris master 5 radios. The core system also connects to legacy user consoles. This requirement is to replace the core equipment and legacy consoles to regain a high availability radio communication system.
- 2. Baseline Requirements:** Procure and install the latest DoD (DoDI 4650.10 & AFI 17-210) approved hardware and software to upgrade the current Harris 5 channel radio trunking system core. This includes servers, software, licenses engineering, installation, and testing. All legacy user consoles will be upgraded to include hardware software and licenses as needed.
 - 2.1. CLIN0001:** Harris VIDA Trunking system Core and Consoles Repair/Upgrades (see Estimated Parts List attachment)
 - 2.1.1. Upgrade Core servers and hardware for the High Availability trunking system in Building 155.
 - 2.1.2. Shall Interface to current radio site.
 - 2.1.3. Shall Interface Core system to all user consoles.
 - 2.1.4. Shall provide voice recording hardware & software with management interface.
 - 2.1.5. System shall provide Over-the-air rekey.
 - 2.1.6. Shall be P25 Phase 2 Turnkey capable. Install as P25 Phase 1.
 - 2.1.7. Remove and Replace user consoles.
 - 2.1.8. Shall interface with new system. Shall maintain current or enhance system functions.
 - 2.1.9. Install in buildings 265, 255, 180, 210, 215, and 145.
 - 2.3.1. Install all new system components.
 - 2.3.2. Setup all new system components to interface with trunking system.
 - 2.3.3. Test system and complete acceptance test.
 - 2.3.4. Ground-to-Air Rockwell Collings RT721S duplex interface installed in Radio Shelter.
 - 2.4.5. Alert Scramble System in-put interface. 1 way announcement installed in the Radio Shelter.

3. Delivery, Inspection and Acceptance

3.1. Place of Delivery:

Portland Air National Guard Base
142 Communications Flight Bldg. 155 Room 22
6801 NE Cornfoot Road
Portland, OR 97218
ATTN: Mr. Brian Presson O: 503-335-4177/C: 503-523-9445.

- 3.2.** Inspection and acceptance will occur at time of delivery by a Government representative. A comprehensive bill of lading or delivery receipt shall accompany deliverables that details, at minimum, all serial numbers associated with the radio core equipment and quantities.

4. Government Furnished Equipment (GFE) or Property (GFP)

- 4.1.** The Government will not provide equipment or property for these items.

5. Warranty and Documentation

- 5.1.** All equipment shall have the standard manufacturer's warranty.
- 5.2.** The Contractor shall warrant all equipment manufactured and delivered and ensure all items are free from defects in material and workmanship under normal use and service and, without charge, repair or replace any equipment found to be defective in material or workmanship provided said equipment has been operated within standard procedures and instructions and such defects are not due to abuse, misuse, or Acts of God.
- 5.3.** The Contractor shall provide all owner's manuals and specification sheets and all parts shall have a serial number on the radio equipment and a serial number on item packaging or box of all other items as applicable. Contractor shall supply all as build diagrams engineering documents and documentation for system configuration. Contractor shall supply all licensing documentation.

6. Safety

- 6.1.** Access and General Protection/Security Policy and Procedures. This standard language is for contractor employees with an area of performance within Government controlled installation, facility, or area. The contractor shall comply with all applicable installation/facility access and local security policies and procedures, which may be obtained from the Contracting Officer's Representative (COR). The contractor shall also provide all information required for background checks to meet installation access requirements to be accomplished by the local installation's Security Forces, Director of Emergency Services or local Security Office. The contractor shall ensure compliance with all personal identity verification requirements as directed by DoD, HAF and/or local policy. Should the Force Protection Condition (FPCON) change, the Government may require changes in contractor security matters or processes.
- 6.2.** For Contractors that do not require CAC, but require access to a DoD Facility and/or Installation. Contractor and all associated sub-contractors employees shall comply with adjudication standards and procedures using the National Crime Information Center Interstate Identification Index (NCIC-III) and Terrorist Screening Database (TSDB) (AFI 10-245, AFI 31-101 and AFMAN 31-113), applicable installation, facility and area commander installation/facility access and local security policies and procedures

(provided by government representative), or, at OCONUS locations, in accordance with status of forces agreements and other theater regulations.