

Statement of Work

Handheld Radios

Southeast Louisiana Veterans Health Care System
New Orleans, LA

07/28/2016

1, PURPOSE

1.1 The purpose is to provide Handheld Radios for Facility Management Section at Southeast Louisiana Veterans Health Care System (SLVHCS) Central Energy Plant building 2401 Tulane St, New Orleans, LA 70119. The units will be used for internal communication of Facility Management Service.

2. SCOPE

2.1 The Contractor shall provide all listed equipment. All products must meet all salient characteristics defined in this section.

2.2 SALIENT CHARACTERISTICS

2.2.1 Single Band Portable Radio

Suggested Manufacturer Brand Name: MOTOROLA APX4000 Model 2

Part Number H51KDF9PW6 N OR EQUIVALENT as follows:

Specifications/Salient Characteristics:

- A. Frequency bands included
 - I. VHF
- B. Power modes
 - I. 500mW VHF
- C. Frequency range capabilities
 - I. VHF (136-174 MHz)
- D. Standard battery chemistry type: Lithium Ion
- E. Battery life (based on a 5 5 90 duty cycle): 8 hours (all battery types)
- F. Encryption algorithm capacity: 8
- G. Encryption types
 - I. Algorithms:
 - i. AES
 - ii. Advanced Digital Privacy (ADP)
- H. Channel spacing:
 - I. 30 kHz
 - II. 25 kHz
 - III. 12.5 kHz
- I. P25 Software
- J. CPS (Customer Programming Software)
- K. FLASHport memory
- L. Integrated voice and data
- M. Over the Air Programming (OTAP)
- N. Extreme noise reduction
- O. Bluetooth capability configured
- P. Technology System Type:
 - I. Digital encrypted ASTRO®25 trunking
 - II. SmartZone trunking
 - III. SMARTNET trunking
- Q. IP standards : IP67

- R. Mil spec
 - I. 810 F
- S. Submersible
- T. 1-year Repair Service Advantage

2.2.2 Leather Flip Radio Carry Case

Suggested Manufacturer Brand Name: MOTOROLA
Part Number PMLN6085 OR EQUIVALENT as follows:
Specifications/Salient Characteristics:

- A. Compatible to item 2.2.1
- B. Material –Leather
- C. Display Style – Full
- D. Belt Function – 2.5" Swivel

2.2.3 Single Unit Battery Charger

Suggested Manufacturer Brand Name: MOTOROLA
Part Number WPLN7080 OR EQUIVALENT as follows:
Specifications/Salient Characteristics:

- A. Compatible to item 2.2.1
- B. Rapid rate charge
- C. Charger type: IMPRES
- D. Chemistry:
 - I. Li Ion
 - II. NiMH
- E. Display reader
- F. 110V power supply cord
- G. Single pocket for one radio

2.2.4 Multiple Unit Battery Charger

Suggested Manufacturer Brand Name: ADVANTEC
Part Number AT4 4000IL IMP OR EQUIVALENT as follows:
Specifications/Salient Characteristics:

- A. Compatible to item 2.2.1
- B. Rapid rate charge
- C. Charger type: IMPRES
- D. Chemistry:
 - I. Li Ion
 - II. NiMH
- E. Display reader
- F. 110V power supply cord
- G. Multiple pockets for 6 radios

2.2.5 Programming Cable

Suggested Manufacturer Brand Name: MOTOROLA
Part Number HKN6163 OR EQUIVALENT as follows:
Specifications/Salient Characteristics:

- A. Compatible to item 2.2.1
- B. Programming software included
- C. Minimum cable length: 6 feet
- D. Connection compatible to USB port
- E. Rear accessory port connection and dash mount install

2.2.6 Portable Radio Battery Pack

Suggested Manufacturer Brand Name: MOTOROLA

Part Number NNTN8128BR OR EQUIVALENT as follows:

Specifications/Salient Characteristics:

- A. Battery Capacity: 1900mAh
- B. Battery Type: Lithium Ion
- C. Fits Brand: Motorola
- D. Fits Model: Motorola APX3000, APX4000 Series Radios
- E. Item: Battery Pack
- F. Recharge Time: 3 hr. or Less
- G. Voltage: 7.2

2.2.7 Bluetooth Accessory Wireless

Suggested Manufacturer Brand Name: MOTOROLA

Part Number NTN2570C OR EQUIVALENT as follows:

Specifications/Salient Characteristics:

- A. Push to talk button
- B. 12 inch cable
- C. Material: Polycarbonate/Metal
- D. For Use with Motorola APX4000

3. DELIVERY

- 3.1 Contractor shall deliver all equipment to the Southeast Louisiana Veterans Health Care System (SLVHCS) Central Energy Plant building 2401 Tulane St, New Orleans, LA 70119 on September 1, 2016.
- 3.2 Deliver materials to job in manufacturer's original sealed containers with brand name marked thereon.
- 3.3 Package to prevent damage or deterioration during shipment, handling, and storage.
- 3.4 Maintain protective covering in place and in good repair until delivery is necessary.
- 3.5 Any government requested delayed delivery up to 90 days after initial award delivery date, shall be at no additional cost to the Government.
- 3.6 A pre-delivery meeting will be conducted on August 22, 2016 for verification of delivery dates.

4. INSPECTION AND ACCEPTANCE:

- 4.1 The Contractor shall conduct a joint inspection with the COR upon delivery of tools.
- 4.2 Contractor shall provide dates of completion of punch list items and replacement parts and/or short ship items from the manufacturer(s).

5. DELIVERABLES

- 5.1 Operation and Maintenance Manuals
 - 5.1.1 Binders - Quantity (2) for items 2.2.1
 - 5.1.2 Digital Copies- Quantity (1) for items 2.2.1
- 5.2 Deliver compilation of all manufacturer recommended maintenance schedule and operation materials packaged in binder(s) to COR upon completion of installation.

6. SECURITY REQUIREMENTS

- 6.1 The Certification & Accreditation (C&A) requirements do not apply and a Security Accreditation Package is not required.

7. WARRANTY:

- 7.1 The contractor shall provide all manufacturers' warranty with products upon delivery.