

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
AIRPORTS, OAHU DISTRICT
DANIEL K. INOUE INTERNATIONAL AIRPORT
PROJECT NO. DOT-AIR-O-23-034

FURNISHING ALL-BAND DESKTOP RADIOS AND ALL-BAND MOBILE RADIOS,
OEM SPARE PARTS AND SUPPORT SERVICE

BID SPECIFICATIONS – Furnishing, delivery and programming of new (2) each All Band Desktop Radios and (6) each All Band Mobile Radios which shall include the following:

- (2 each) All Band Desktop Radio system, Motorola APX 8500 or equal equipped with:
 - All Band radio for VHF, UHF and 700/800 MHz
 - Adjustable display lighting, programmable colors, with day and night modes.
 - Base Station OP APX
 - Over Air Provisioning
 - TDMA Operation
 - Dash Mount E5 configuration
 - Smart-zone Operation
 - 3-year equipment service
 - Astro 25 OTAR with Multi key
 - AES Encryption and ADP
 - Astro Digital CAI Operation APX
 - Radio Authentication
 - APX E5 Control Head
 - Control Station Desk GCAI Mic
 - P25 Trunking Software APX
 - UHF Trunking System (Indo-Pacific 2) compatible
 - APX Control Head Software
 - 3 year service

- (6 each) All Band Mobile Portable Radio system, Motorola APX 8000, Model 3.5 or equal equipped with:
 - All Band radio for VHF, UHF and 700/800 MHz
 - Astro Digital CAI Operation
 - P25, 9600 Baud Trunking
 - UHF Trunking System (Indo-Pacific 2) compatible
 - Rechargeable Lithium Ion Battery
 - TDMA Operation
 - P25 Link Layer Authentication
 - Astro 25 OTAR with Multi key
 - Smart-zone Operation
 - Programming Over P25 (OTAP)
 - AES Encryption and ADP
 - Multi system OTAR
 - 3 watt audio output for noisy working environment
 - 3 year service

- (1 lot) Spare Parts including OEM replacement batteries, and antennas for existing Motorola APX900 and APX6000, 700/800 radios. Generic parts are not acceptable.
- (1 lot) Device Programming for new All Band Radios.
- Installation and Training shall be provided.
- System shall be able to support the State of Hawaii ETS HIWIN System.
- 1-year software maintenance.
- All equipment shall be new.
- Vendor shall be able to provide on-site 24/7 support of All Band Desktop Radio system.

DELIVERY – Entire order shall be delivered within 120 calendar days from date of order. Delivery shall be made to the Airport District Office located at:

300 Rodgers Boulevard #12
Honolulu, Hawaii 96819

PAYMENT – Invoices shall be submitted for payment to the Project Manager. Proposal costs shall include all taxes, shipping and fees.