

East Providence School Department

Radio System Specifications

RFP#EP1415-24

BID OPENING Tuesday, August 04, 2015

Minimum Criteria:

Overview:

The vendor shall provide a turn-key radio communications system, including

- Radio spectrum services including frequency coordination and channel search for each of the district's elementary, middle and high schools. Vendor should include in pricing a site visit at each school to determine each school's unique radio footprint to ensure adequate coverage. It is anticipated that any proposed equipment include compatibility with existing UHF narrowband equipment.
- On-site re-programming of existing equipment is a mandatory requirement of this RFQ. Equipment includes both Kenwood and Motorola analog portables (approximately 50) and one (1) Kenwood repeater.
- Up to 100 UHF portable radios, 450-470MHz, 12.5Khz, 5W, Please provide pricing for 75 and 100 radios.

Each radio shall include:

- Radio should be lightweight, not to exceed 9.9 oz. constructed with a durable metal frame and polycarbonate case. The belt clip attachment shall be embedded in the metal case, not the battery.
- Include one Lithium-Ion high-capacity battery ensuring a minimum battery life of 10 hours in a 5/5/90 duty cycle.
- HD spring belt clip
- UHF whip antenna (optional stubby antenna)
- Single, desk-top, multi-chemical, rapid rate charger.
- 16 channel minimum
- Dual MDC1200 and Fleet Sync signaling.
 - PTT ID digital ANT
 - Selective and group call
 - Paging call

- Emergency status
 - Lone worker alert
 - Meet or exceed MIL-STD 810 C/D/E/F/G
 - Meet or exceed IP-54/55 standard/water and dust intrusion

Questions concerning this RFP can be addressed to Anthony Feola II at afeola@epschoolsri.com

ADDITIONAL REQUIREMENTS:

- Technical Training: Vendor shall provide on-site end user training, "train-the-trainer" program at each school. Training shall be provided by factory trained and certified trainers. Vendor shall anticipate a 2 hour session at each school and one additional session with the emergency coordinator. The training shall be available at no cost to the City.
- Software and firmware licenses(s): Vendor will provide the City of East Providence with the software and firmware licenses as needed to use, operate, and maintain all purchased equipment.
- 2-year factory warranty with local "first echelon service", including pick-up and return delivery. A "ship to" call tag system where the customer is required to pack and ship product for repair does NOT meet these criteria.
- FOB Pricing: All radio equipment will be FOB (DEST), at school addresses specified per each order. Vendor will assume all costs of delivery, assembly and local set-up in bid pricing.