

City of Manchester

200 West Fort St

Manchester, TN 37355

Invitation to Bid: DIGITAL RADIO SYSTEM UPGRADE

Bid Number:

Sealed bids, subject to the specification and conditions contained herein and attached hereto, will be received by the Finance Department at City Hall until, but no later than 10:00AM CST on September 28, 2017. Any questions must be directed to Project Manager Kevin Raney (931-728-4652 Ext 2005).

No bid can be withdrawn after the scheduled closing time for sixty (60) days.

To be considered, your bid must be submitted with complete pricing including installation and freight. The submittal must be signed by an authorized representative of vendor. Bid form attached must be itemized as defined. Bid shall be enclosed in sealed envelope addressed to the City of Manchester. Bids received after deadline will be rejected.

The City reserves the right to reject any proposals-non conforming, non-responsive, or conditional bids. The City further reserves the right to reject the bid of bidder whom it finds after reasonable inquiry to not be responsible. The City may also reject any bid if the City believes it would not be in the best interest of the project.

City of Manchester, herein after known as the Purchase is issuing this Request for Quote to facilitate the purchase of a Digital Land Mobile Radio System (System). Purchaser is requesting the Land Mobile Radio System and associated equipment and installation included in RFQ shall be a turnkey project. The System is expected to provide two-way voice communications utilizing handheld portable and mobile radios throughout Manchester service area.

The Purchaser has 2 major departments within the City and each has their own operations independently. Each department needs to have their own communications channel as well as access to other departments.

Departments:

1. Manchester Water and Sewer
2. Manchester Public Works

The winning Seller shall provide the following:

1. Land mobile radio system design and configuration.
2. Subscriber Units.
3. County wide coverage
4. Delivery, installation and programming of all subscriber equipment (mobiles and portables).
5. Preparation of all documentation required for FCC licenses necessary to implement the system.
6. On-site user training.
7. Repair level and response time.
8. Warranty period maintenance.
9. Insurance

1. LAND MOBILE RADIO SYSTEM DESIGN AND CONFIGURATION

The radio system must be digital and provide a single cabinet Repeater, 100 Watts minimum of 2 talk paths either Analog or Digital seamless throughout the City. The system must include GPS tracking for mobiles and portables.

The system must have the capability to interface with smartphones or computers.

2. SUBSCRIBER UNITS

The portable radios must be digital and capable of operating on a Mototrbo Capacity Plus system. Portable units must be 4 watt with battery, antenna, and Impress charger. All subscriber units must have encryption and GPS capability.

3. COUNTY WIDE COVERAGE

Vendor must document coverage of Coffee County by precise coverage maps or customer field tests of portables.

4. DELIVERY, INSTALLATION AND PROGRAMMING OF ALL SUBSCRIBER UNITS

Pricing includes system delivery cost and programming of portables.

5. PREPARATION OF ALL DOCUMENTATION REQUIRED FOR FCC LICENSE

Vendor must handle all frequency coordination and FCC license preparation and submission.

6. ON-SITE USER TRAINING

Vendor must provide on-site user training on operation of mobiles and portables.

7. REPAIR LEVEL AND RESPONSE TIME

Vendor must be located within a 75 miles radius of Manchester, TN and must have an on-site response time of 2 hours maximum. Service on infrastructure must 24/7. Service on subscriber units is 48 hours.

8. WARRANTY PERIOD

Vendor should provide a 3 year warranty on all infrastructure and subscriber units.

9. INSURANCE

Vendor must supply proof of insurance as follows:

- a. Comprehensive Aggregate \$1,000,000 Each Occurrence/ \$2,000,000
General Liability, Body Injury, Property Damage
- b. Errors and Omissions Aggregate \$1,000,000 Each Occurrence/ \$2,000,000
- c. Automobile Liability Aggregate \$1,000,000 Each Occurrence/ \$2,000,000

EQUIPMENT REQUIREMENTS:

PROVIDE PRICE FOR EACH ITEM LISTED BELOW

- | | |
|--|-------|
| 1. FIXED EQUIPMENT INCLUDING WATER TANK
INSTALLATION, AND ICE BRIDGE AND SLR8000 or EQUAL | _____ |
| 2. GPS FOR 100 ASSETS AND 2 CLIENTS | _____ |
| 3. 34 UHF PORTABLE RADIOS NON DISPLAY
4 WATT WITH 3 YEAR WARRANTY XPR7350e or EQUAL | _____ |
| 4. 13 UHF PORTABLE RADIOS COLOR DISPAY
4 WATT WITH 3 YEAR WARRANTY XPR7550e or EQUAL | _____ |
| 5. 5 UHF CONTROL STATION RADIOS WITH INSTALLATIOIN
25 WATT WITH 3 YEAR WARRANTY, POWER SUPPLY ANTENNA
AND MICROPHONE XPR5350e or EQUAL | _____ |
| 6. RADIO PROGRAMMING AND TRAINING | _____ |
| 7. FCC COORDINATION AND LICENSING | _____ |
| TOTAL | _____ |