

**SPECIFICATIONS  
AND  
CONTRACT DOCUMENTS  
FOR**

*2017 Radio and MDT upgrade*



***CITY OF BOLIVAR***  
345 SOUTH MAIN AVENUE  
P.O. BOX 9  
BOLIVAR, MO 65613  
417-326-2489  
FAX 417-777-3212

## INSTRUCTIONS TO BIDDERS

1. Each Proposal shall be legibly written or printed in ink on the Proposal provided in this bound copy of the proposed Contract Documents. No alterations in proposals, or in the printed forms therefore, by erasures, interpolations, or otherwise will be acceptable unless each such alteration is signed or initialed by the Bidder. If initialed, the Owner may require the bidder to identify any alteration so initialed. No alteration in any proposal, or in the proposal form on which it is submitted, shall be made by the person after the Bidder has submitted the Proposal. Any and all addenda to the Contract Documents, on which a proposal is based, properly signed by the Bidder shall accompany the Proposal when submitted.

Each Proposal submitted shall be enclosed in a sealed envelope, addressed to the City Clerk, City of Bolivar, Missouri identified on the outside with the words “***Bolivar Missouri – Radio-MDT upgrade***”, and filed with the City Clerk, Bolivar, Missouri. Bids will be opened on **August 3, 2017 at 2:00 pm** in Bolivar City hall.

2. Each Bidder shall carefully examine the Specifications and other Contract Documents, shall visit the sites and fully inform himself of all conditions affecting the work or the cost thereof, and shall be presumed to have done so and his bid shall be based upon his own conclusions. Each Bidder shall inform himself concerning all Federal, State, and local laws, ordinances, or regulations, which may in any manner affect his proposed operations of construction, or those engaged or employed on the work or the material or equipment. Should a Bidder find discrepancies in, or omissions from, the Specifications or other Contract Documents, he should at once notify the Deputy Fire Chief and obtain clarification or interpretation prior to submitting any bid. Any interpretation of the proposed Contract Documents will be made only by addendum duly issued and a copy of such addendum will be mailed or delivered to each person obtaining a set of such documents from the Deputy Fire Chief. The Owner will not be responsible for any other explanations or interpretations of the proposed Contract Documents.

3. All sales and use taxes, as well as other taxes, that might lawfully be assessed against the Owner in the execution and performance of the proposed contract and work covered thereby and are to be paid by the contractor from monies obtained in satisfaction of his contract. It is to be understood by all bidders that the bid price or prices submitted shall include the total cost of all such taxes, if applicable.

4. No bidder may submit more than one proposal. Two proposals under different names will not be received from one firm or association.

5. No bidder may withdraw his proposal for a period of thirty (60) days after the date and hour set for the opening herewith. A bidder may withdraw his proposal at any time prior to the expiration of the period during which proposals may be submitted, by written request of the same person or persons who signed the proposal.

6. The Owner reserves the right to accept the bid, which in its judgment is the lowest and best bid; to reject any or all bids; and to waive irregularities or informalities in any bids submitted. Bids received after the specified time of closing will be returned unopened.

7. Each Bidder shall sign his proposal, using his usual signature, and giving his full business address. Bids by Partnerships shall be signed with the Partnership named, followed by the

signature of one of the members of the Partnership or by an authorized representative and designation of the person signing. Bids by Corporations shall be signed with the name of the Corporation, followed by the signature and designation of the President, Secretary, or other person authorized to bind it in the matter. The names of all persons signing should also be typed or printed below the signature. A bid by a person who affixes to his signature the word "*President*", "*Secretary*", "*Agent*", or other designation, without disclosing his Principal, may be held to be the bid of the individual signing. When requested by the Owner, satisfactory evidence of the authority of the officer signing on behalf of a corporation shall be furnished.

8. QUANTITY: Quantities listed are for bid project only.

9. DELIVERY: All items shall be delivered F.O.B. Destination

10. EXCEPTIONS TO SPECIFICATIONS: Bidders taking exception to any part or section of the specifications shall indicate such exceptions on the Affidavit of Compliance Form. Failure to indicate any exceptions, shall be interpreted as the bidder's intent to fully comply with the specifications as written. However, conditional or qualified bids with such exceptions, unless specifically allowed in the specifications, may be subject to rejection in whole or in part as nonresponsive.

11. WARRANTY: The bid shall contain a complete description of how warranty and/or service work will be accomplished. A copy of the Manufacturer's Warranty shall be included with the bid.

**CERTIFICATION OF FORMAL WRITTEN POLICY**  
**ENCOURAGING PURCHASE OF PRODUCTS**  
**MANUFACTURED OR PRODUCED IN THE UNITED STATES**

Identify Contract to which Certification applies:

Nature of Contract: City of Bolivar Radio and MDT upgrade

**Certification:** The undersigned hereby certifies, pursuant to 34.353.3(5), that the City of Bolivar has adopted a formal written policy to encourage the purchase of products manufactured or produced in the United States.

**CITY OF BOLIVAR, MISSOURI**

*SEAL*

\_\_\_\_\_  
**City Administrator**

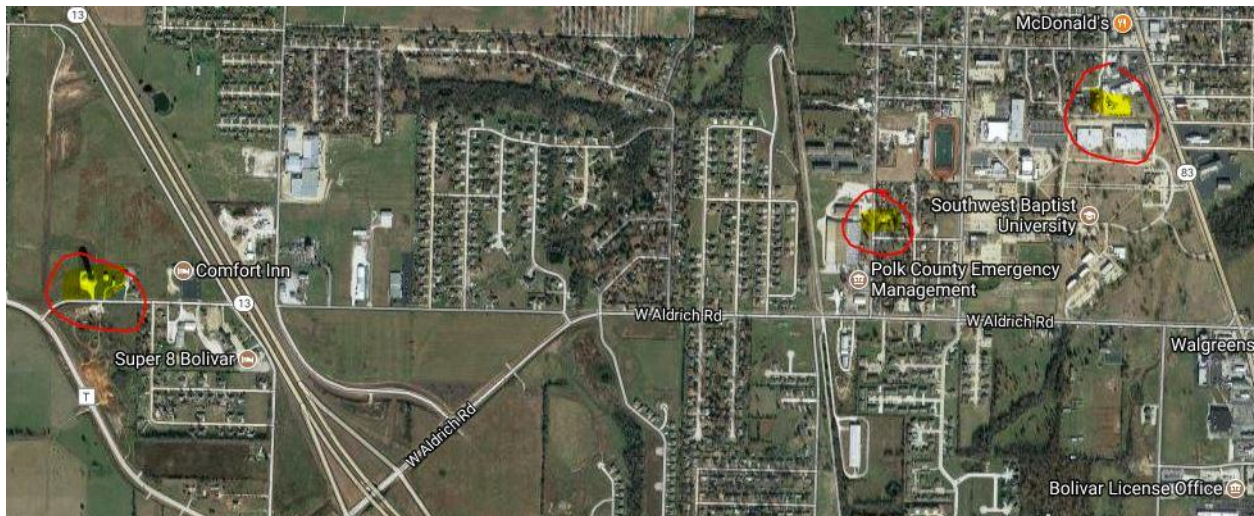
**ATTEST:**

\_\_\_\_\_  
**City Clerk**

SCOPE OF WORK: The successful bidder shall provide all personnel, labor, equipment, tools, supplies, insurance, badges, licenses, transportation and all other items necessary to provide a complete turn-key radio system upgrade to include all equipment and installation for the City of Bolivar Public Safety radio network. The requirements and provisions shall be construed to be the minimum requirements of these specifications.

1. The City of Bolivar currently operates Public Safety on three separate VHF Analog FCC Licenses. WPUD293, KAL523. Tower locations are at Tower Drive and T(1), Lillian and High(2), and 1193 South Springfield(3). Current equipment includes a Motorola SLR8000, Motorola SLR 5000, and XPR 8400. The XPR will be upgraded in this process.

Towers 1 and 3 will be linked by IP Connect and Microwaves to be installed per bid. Site 2 will remain independent. Talk groups will be at least two, with final decision to be decided during implementation of system.



2. RADIO SYSTEM REQUIREMENTS: Due to the technical nature of this upgrade, there are certain requirements that shall be met to ensure a seamless transition. These requirements include, but are not limited to:

- 2.1 TDMA Digital Trunking Technology
- 2.2 FCC license modification to include system configuration changes.
- 2.3 Provision & staging of mobile and portable radios.
- 2.4 Industry-standard grounding of fixed equipment.
- 2.5 Code plug planning, development and programming.

2.8 Radio programming for all new subscriber radios and reprogramming of current radio equipment.

2.9 Installation of mobile radios to include new hardware.

2.10 Installation includes, but is not limited to, vehicles such as ¾ ton pickup trucks, fire trucks, police cruisers, snow plows, tractors, and loaders.

### 3. Compliance with Bid Specifications

The following conditions must be met by all vendors bidding. Failure to meet any of the following conditions may result in rejection of bid.

1. Only new, current model equipment may be provided in fulfillment of the bid requirements. No refurbished, used, or discontinued items will be accepted.
2. All components in each complete system delivered must be identical as to manufacture and model, as well as configured and installed identically.
3. All complete system price totals must include delivery.
4. Where brands or models are specified, substitutions are allowed if they meet and/or exceed the specs of the listed equipment, or are a newer, similar model.
5. All equipment must be described in complete detail in the bid proposals, including all hardware specifications of all components. Printouts of manufacturer's specification sheets are acceptable for meeting this requirement.

The designated sections of this RFP provide requirements for an upgrade to the existing Motorola Radio System. Proposals for an upgrade to the existing Motorola Radio System are to include all hardware, software, and labor required to perform the complete installation of said system according to all terms and specifications iterated in this document. This includes but is not limited to:

It is the responsibility of the vendor to propose any and all items required for a complete system regardless of their inclusion in this technical specification or the Standard Conditions. All radios must include programming to FCC License requirements. The bid must also include modification of the City of Bolivar current FCC License to keep the system in compliance. The city currently has approximately 120 radios in analog mode. Approximately 20 will be included as the price to reprogram these radio's to the new system configurations should be included in the quote in ITEM 9.

ITEM	QTY	Description	Unit Price	Extended Amount
1	1	<p>Motorola SLR5700 VHF Repeater, with programming and IP site connect set up, 2 year factory warranty.</p> <p>MFG: _____ MODEL NO.: _____</p> <p>DELIVERY: _____ calendar days after receipt of order.</p> <p>SHALL WARRANTY THE ABOVE EQUIPMENT FOR PARTS, LABOR, AND TRAVEL FOR _____</p>	\$ _____	\$ _____
2	65	<p>XPR 7350e VHF Display Portable with Remote Speaker mic., antenna, Carry Case, battery and programming, 3 year factory warranty.</p> <p>MFG: _____ MODEL NO.: _____</p> <p>DELIVERY: _____ calendar days after receipt of order.</p> <p>SHALL WARRANTY THE ABOVE EQUIPMENT FOR PARTS, LABOR, AND TRAVEL FOR _____</p>	\$ _____	\$ _____
3	3	<p>XPR 7550 VHF Display Portable with Remote Speaker mic. Carry Case, battery and programming</p> <p>MFG: _____ MODEL NO.: _____</p> <p>DELIVERY: _____ calendar days after receipt of order.</p> <p>SHALL WARRANTY THE ABOVE EQUIPMENT FOR PARTS, LABOR, AND TRAVEL FOR _____</p>	\$ _____	\$ _____
4	27	<p>XPR2550 VHF Display Mobile with Palm Mic, Mounting bracket, power cable with Programming</p> <p>MFG: _____ MODEL NO.: _____</p> <p>DELIVERY: _____ calendar days after receipt of order.</p> <p>SHALL WARRANTY THE ABOVE EQUIPMENT FOR PARTS, LABOR, AND TRAVEL FOR _____</p>	\$ _____	\$ _____
5	27	<p>JOTTO Desk Faceplates for Item 4 radio's.</p> <p>MFG: _____ MODEL NO.: _____</p> <p>DELIVERY: _____ calendar days after receipt of order.</p> <p>SHALL WARRANTY THE ABOVE EQUIPMENT FOR PARTS, LABOR, AND TRAVEL FOR _____</p>	\$ _____	\$ _____
6	2	<p>XPR5550 VHF Display Mobile with Palm Mic, Mounting Bracket, Power cable with programming</p> <p>MFG: _____ MODEL NO.: _____</p> <p>DELIVERY: _____ calendar days after receipt</p>		

		of order. SHALL WARRANTY THE ABOVE EQUIPMENT FOR PARTS, LABOR, AND TRAVEL FOR _____		
ITEM	QTY	Description	Unit Price	Extended AMT
6	2	Motorola IMPRES Multi-Unit Charger Bank, Six (6) Radios per Unit, Model No. WPLN4212 or equal. MFG: _____ MODEL NO.: _____  DELIVERY: _____ calendar days after receipt of order. SHALL WARRANTY THE ABOVE EQUIPMENT FOR PARTS, LABOR, AND TRAVEL FOR _____	\$ _____	\$ _____
7	1	Microwave link equipment and installation between Site 1 and 3 on current City of Bolivar Repeater systems, to include setting up IP site connect. MFG: _____ MODEL NO.: _____  DELIVERY: _____ calendar days after receipt of order. SHALL WARRANTY THE ABOVE EQUIPMENT FOR PARTS, LABOR, AND TRAVEL FOR _____	\$ _____	\$ _____
8		FCC license Modification to include updating to account for digital and analog use. MFG: _____ MODEL NO.: _____  DELIVERY: _____ calendar days after receipt of order. SHALL WARRANTY THE ABOVE EQUIPMENT FOR PARTS, LABOR, AND TRAVEL FOR _____	\$ _____	\$ _____
9		Complete equipment installation and programming MFG: _____ MODEL NO.: _____  DELIVERY: _____ calendar days after receipt of order. SHALL WARRANTY THE ABOVE EQUIPMENT FOR PARTS, LABOR, AND TRAVEL FOR _____	\$ _____	\$ _____
10	16	HP ProBook 640 G2 Laptop with 500GB SSD, Windows 7, 2 GB dual Core processor, 16 GB Ram or greater. MFG: _____ MODEL NO.: _____  DELIVERY: _____ calendar days after receipt of order. SHALL WARRANTY THE ABOVE EQUIPMENT FOR PARTS, LABOR, AND TRAVEL FOR _____	\$ _____	\$ _____



11	7	<p>HP Elite X2 Tablets, with 8 GB Ram, Intel Core M5 1.1 GHZ, 238 G SSD, Verizon 4G capable, or greater.  MFG: _____ MODEL NO.: _____</p> <p>DELIVERY: _____ calendar days after receipt of order.  SHALL WARRANTY THE ABOVE EQUIPMENT FOR PARTS, LABOR, AND TRAVEL FOR _____</p>	\$ _____	\$ _____
12	11	<p>Laptop MDT mounts, with power, for Ford and Dodge police package vehicles.  MFG: _____ MODEL NO.: _____</p> <p>DELIVERY: _____ calendar days after receipt of order.  SHALL WARRANTY THE ABOVE EQUIPMENT FOR PARTS, LABOR, AND TRAVEL FOR _____</p>	\$ _____	\$ _____
13	7	<p>Tablet mounts for 2 Ford Explorers, 1 Dodge Dakota, 1 Ford F250, 2 Ferrara custom Fire Apparatus, 1 International engine.  MFG: _____ MODEL NO.: _____</p> <p>DELIVERY: _____ calendar days after receipt of order.  SHALL WARRANTY THE ABOVE EQUIPMENT FOR PARTS, LABOR, AND TRAVEL FOR _____</p>	\$ _____	\$ _____

14 1 Bid Items shall be in service within \_\_\_\_\_ calendar days after receipt of order. Failure to complete project without approval from City of Bolivar will result in a penalty of \$100 per day.

DELIVERY: F.O.B. DESTINATION

Prompt Payment Discount \_\_\_\_\_ % \_\_\_\_\_ Days, Net \_\_\_\_\_ Days

2.11 The successful vendor should hold Motorola Solutions' Gold program level classification or higher and have a facility providing 24-hour, 7 day per week service support.

BID

PROPOSAL OF \_\_\_\_\_

(hereinafter called "Bidder") organized and existing under the laws of the State of \_\_\_\_\_ doing business as \_\_\_\_\_.\*

To the City of Bolivar, Missouri (hereinafter called "Owner"). In compliance with your Advertisement for Bids, Bidder hereby proposes to perform all work for the completion of City of Bolivar Radio-MDT upgrade purchase in strict accordance with the Contract Documents, within the time set forth therein, and at the prices stated above.

By submission of this Bid, each Bidder certifies, and in the case of a joint Bid, each party thereto certifies as to his own organization, that this Bid has been arrived at independently, without consultation, communication, or agreement as to any matter relating to this Bid with any other Bidder or with any competitor.

Bidder hereby agrees to commence work under this contract within ten calendar days following receipt of a Notice to Proceed, and to fully complete the project within the specified consecutive calendar days thereafter.

Bidder understands that the Owner reserves the right to reject any or all bids and to waive any informality in the bidding.

Respectfully submitted,

\_\_\_\_\_

Contractor

Attest: \_\_\_\_\_

Secretary

By: \_\_\_\_\_

Address: \_\_\_\_\_

Title: \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

SEAL (If bid is by a corporation)

## **NOTICE TO BIDDERS**

July 11, 2017  
Bolivar, MO 65613

Sealed bids will be received until 2:00 p.m. on August 3, 2017, and then publicly opened and read in the Council Chambers at Bolivar City Hall, Polk County, Missouri, for purchase of Radio and MDT upgrades.

Specifications and Bid Documents are on file and may be examined and obtained between the hours of 8:00 a.m. & 5:00 p.m. Monday thru Friday at the Offices of the Fire Department or City Clerk, at Bolivar City Hall, 345 S. Main Ave., 417-326-2489.

Natalie Scrivner  
Bolivar City Clerk