

2019-A2 Electrical Contractor for Radio Tower Structure

The Franklin County Government is requesting proposals from Firms to provide electrical wiring, reconnections and related scope for the existing Franklin County 911 Dispatch Tower and Structure, located at 1 Bruns Lane, Union, Missouri 63084.

Bidders shall submit the following:

1. Completed Bid Form
2. A Company profile which should indicate the number of years in business, number of employees, certifications and licenses held, resumes of key personnel, and experience with installation of cellular tower structures (including contact information).
3. Contractor shall include a copy of their current Certificate of Insurance (COI) indicating at least \$5,000,000 professional liability coverage.
4. List of Contractor's proposed subcontractors, if any.

SCOPE OF WORK

General

Franklin County plans to **construct** a jail addition at the existing County Jail. The addition footprint requires the **replacement** of the existing cellular tower structure. The new **communication building** structure, foundations, and demo of the existing tower structure is by others. This bid package is to provide the electrical reconnections from the existing electrical rooms in the Jail to the new **communication building** structure provided by others. This includes labor and material for the routing, conduit, wiring, and all miscellaneous electrical equipment to make final terminations at each end.

Coordination with the County's radio vendor is essential. Point to point testing of this scope by this contractor. Assistance in final testing of radio tower structure required by this contractor; actual testing by radio vendor.

Schedule

The anticipated schedule for the electrical connections to the cellular building structure is immediately upon award of this RFB. The new **communication building** structure foundations have been installed as of 1/18/19. Anticipated date to set the new structure in place is no later than February 15th. All scope of work for this RFB and final testing of tower structure to be completed no later than April 15, 2019.

Perform the following scope:

- Provide and install a weather proof NEMA 3R enclosure with camlock lugs for a portable generator. Connect to source two OF manual transfer switch **or the buildings secondary input (see attached for more details)**. Lugs shall accommodate up to 200A, 120/208V, **1Ph** portable generator.

- **As an alternate (Alternate No. 2)**, provide and install a NEMA 3R manual transfer switch rated 200A, 1Ph, 120/208V. Connect load side to communication building loads. Connect source one to incoming feeder indicated. Connect source two to portable generator J-box. Coordinate exact termination points with owner's radio building vendor.
- Route conduits and wiring as indicated on drawing TE01 and in coordination with owner. **Alternate routing to be priced as bid alternate No. 1.**
- Provide and install (1) 2-1/2" EMT conduit from existing radio room to new control building. Route on roof to avoid detention area. Provide Nylon pull string. Coordinate exact termination points with Owner and Owner's radio building vendor.
- Provide and install new fuses in existing spare fusible switch in distribution panel DE-3. Prior to work and prior to ordering any equipment, devices or conduit, verify switch is indeed an available spare switch in operable condition.
- Provide and install new feeder from DE-3 panel to new communications building. Route over roof to avoid detention area. Coordinate exact route with owner in the field prior to performance of work. Coordinate exact termination points with owner and owner's radio building vendor. Provide and install NEMA 3R pull boxes as required.
- Provide and install roof protection as needed to maintain owner's warranty.
- Coordinate roof patch with Owner's roofing contractor.
- Provide labor to clean-up work areas daily with removal of trash from all work areas to dumpster provided by the owner.
- Provide all permits as necessary from the City of Union, MO.
- Include all costs for bond, insurance, overhead, profit, general conditions, tools, trucks, equipment, etc.
- Provide an hourly rate to be applied to potential scope of work beyond this RFB. If rates vary per classification of worker, please provide rates and indicate the classifications as necessary. Labor rates shall not include OH&P, tools, service vehicles, etc.
- In the event of a change order, vendor backup for all equipment and materials purchased as part of the additional scope will be required for change order review and approval. Maximum overhead and profit on any change order work will be 12%.
- **See attached drawing for additional scope and details.**

This contractor is highly encouraged to visit the site to review transport path, accessibility, etc. Kickoff meeting will be held onsite with awarded contractor, owner's representative, and the EOR prior to performance of work.

Additional Services

Contractor to provide an unconditional guarantee against defect of all workmanship and material for a period of one year from date of acceptance by the County.

Exhibits

Sheet TE01 dated ~~8-24-2018~~ 02-01-19

RFB PRICING FORM – A**2019-A2 Electrical Contractor for Radio Tower Structure****REQUIRED PRICING BID BREAKDOWN**

The contractor shall complete the following pricing table and provide firm, fixed pricing necessary to meet the mandatory requirements of the RFB.

1. Total Cost of Work \$ _____
2. Bid Alternates:
 - a. Deduct for Alternate Routing (\$ _____)
 - b. Deduct to Omit Manual Transfer Switch (\$ _____)
3. Anticipated duration of work (# of days) _____
4. Hourly Labor Rates
 - a. _____ \$ _____ /HR
 - b. _____ \$ _____ /HR
 - c. _____ \$ _____ /HR
 - d. _____ \$ _____ /HR

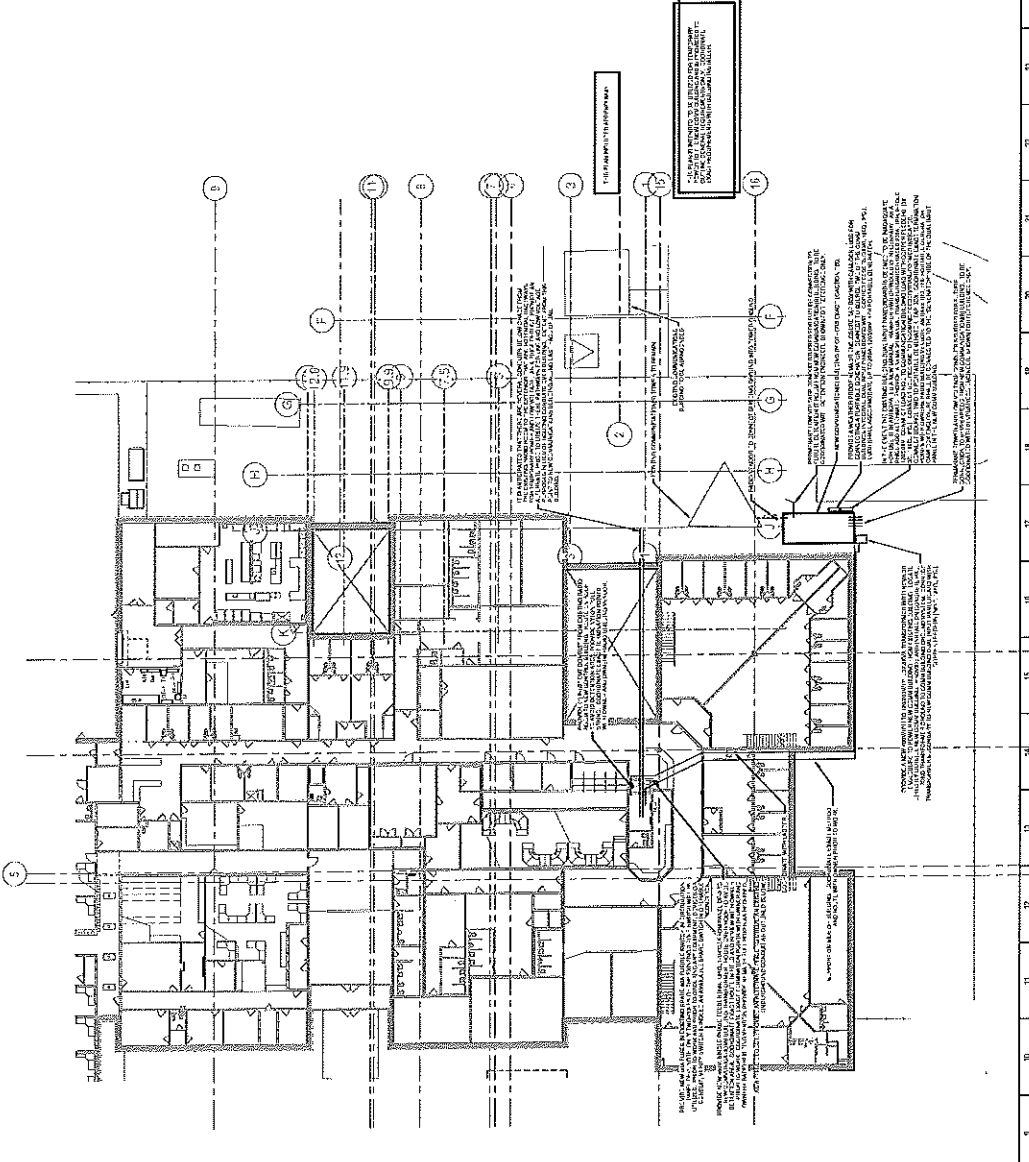
Company Name _____

Authorized Signature _____

Printed name and title _____

Franklin County reserves the right to request supporting documentation for the proposed pricing. In addition, it may be necessary to evaluate the bidder's expertise and experience in order to award a bid. Franklin County reserves the right to request reference information and/or proof of expertise if necessary.

2018248 - CD - PRELIMINARY NOT FOR CONSTRUCTION



GENERAL NOTES:
1. ALL WORK SHALL BE IN ACCORDANCE WITH THE LATEST EDITIONS OF THE INTERNATIONAL BUILDING CODE (IBC) AND THE INTERNATIONAL MECHANICAL CODE (IMC).

DATE: 02/12/2019 DRAWN BY: fford CHECKED BY: fford APPROVED BY: fford		TEMP ELECTRICAL - COMM TOWER IF 2019 IBC CERTIFICATION & SECURITY LAW ENFORCEMENT	
PROJECT: FRANKLIN COUNTY PUBLIC SAFETY FACILITY SHEET: TE01		OWNER: FRANKLIN COUNTY 1000 N. 10TH AVE. JACKSONVILLE, FL 32209	
DESIGNER: FORD ARCHITECTS 1115 N. 10TH AVE. JACKSONVILLE, FL 32209 TEL: 904.733.1115 WWW.FORDARCHITECTS.COM		CONSULTANTS: BSC ENGINEERING, INC. 1115 N. 10TH AVE. JACKSONVILLE, FL 32209 TEL: 904.733.1115 WWW.BSCENGINEERING.COM	
STRUCTURAL: BSC ENGINEERING, INC. 1115 N. 10TH AVE. JACKSONVILLE, FL 32209 TEL: 904.733.1115 WWW.BSCENGINEERING.COM		MECHANICAL: BSC ENGINEERING, INC. 1115 N. 10TH AVE. JACKSONVILLE, FL 32209 TEL: 904.733.1115 WWW.BSCENGINEERING.COM	
ELECTRICAL: BSC ENGINEERING, INC. 1115 N. 10TH AVE. JACKSONVILLE, FL 32209 TEL: 904.733.1115 WWW.BSCENGINEERING.COM		PLUMBING: BSC ENGINEERING, INC. 1115 N. 10TH AVE. JACKSONVILLE, FL 32209 TEL: 904.733.1115 WWW.BSCENGINEERING.COM	
HVAC: BSC ENGINEERING, INC. 1115 N. 10TH AVE. JACKSONVILLE, FL 32209 TEL: 904.733.1115 WWW.BSCENGINEERING.COM		FIRE PROTECTION: BSC ENGINEERING, INC. 1115 N. 10TH AVE. JACKSONVILLE, FL 32209 TEL: 904.733.1115 WWW.BSCENGINEERING.COM	
SOUND/ACoustics: BSC ENGINEERING, INC. 1115 N. 10TH AVE. JACKSONVILLE, FL 32209 TEL: 904.733.1115 WWW.BSCENGINEERING.COM		LIGHTING: BSC ENGINEERING, INC. 1115 N. 10TH AVE. JACKSONVILLE, FL 32209 TEL: 904.733.1115 WWW.BSCENGINEERING.COM	
FURNITURE: BSC ENGINEERING, INC. 1115 N. 10TH AVE. JACKSONVILLE, FL 32209 TEL: 904.733.1115 WWW.BSCENGINEERING.COM		OTHER: BSC ENGINEERING, INC. 1115 N. 10TH AVE. JACKSONVILLE, FL 32209 TEL: 904.733.1115 WWW.BSCENGINEERING.COM	