

Public Notice

April 21st, 2015

Boone County is accepting sealed bids from qualified contractors to provide Communications Tower plans, materials, and construction for Boone County Public Safety Communication Site Project. Sealed bids will be received at the office of the Region 44 Emergency Management PO Box 666 Fullerton, NE 68638. Bids will be publically opened on May 27th, 2015 in the Board of Commissioners' Room located in the Boone County Court House during the Board of Commissioners' Meeting. Bids received after specified time will be returned unopened to sender.

Requests for proposal documents or any related questions should be in writing and directed to Region 44 Emergency Management office, located at 309 Esther St, Fullerton, NE 68638, or via email at region44em@hamilton.net.

The successful bidder will be required to comply with fair labor standards as required by Nebraska R.R.S. 73-102 and comply with Nebraska R.R.S. 48-657 pertaining to contributions to the Unemployment Compensation Fund of the State of Nebraska. Boone County hereby notifies all bidders that they will not discriminate in accordance with Title VI of the Civil Rights Act of 1964 and the Americans with Disabilities Act Section 504 of the Rehabilitation Act of 1973. The successful bidder shall maintain a drug free work place policy.

The award winning bidder will be required to comply with the County's insurance requirements.

Proposals will be evaluated by the County based on price, quality, adherence to schedule, plan, and specification, economy and efficiency of operation, experience and reputation of bidder, ability, capacity, and skill of the bidder to perform contract required and adaptability of the particular items to the specific use intended. The County reserves the right to reject any or all bids and waive irregularities therein and to award the contract in the best interest of the County, at its sole discretion.

No bidder may withdraw their bid for period of thirty days after date of opening bids.

SCOPE OF SERVICE

Boone County, Nebraska is issuing this Request for Proposal (RFP) for the purpose of selecting a qualified contractor to provide Communications Tower plans, materials and construction.

Written questions are due no later than May 5th, 2015 and should be submitted via e-mail to region44em@hamilton.net. Written questions may also be sent by facsimile to 308.536.4443.

PROPOSALS MUST MEET THE REQUIREMENTS OUTLINED IN THIS REQUEST FOR PROPOSAL TO BE CONSIDERED VALID. PROPOSALS WILL BE REJECTED IF NOT IN COMPLIANCE WITH THESE REQUIREMENTS.

1. Proposals must be received by the Region 44 Emergency Management Office by the date and time of proposal opening indicated above. NO late proposals will be accepted. NO fax, voice, or telephone proposals will be accepted.
2. This form "REQUEST FOR PROPOSAL FOR CONTRACTUAL SERVICES" MUST be manually signed, in ink, and returned by the proposal opening date and time along with your proposal and any other requirements as specified in the Request for Proposal in order to be considered for an award.

I. SCOPE OF THE REQUEST FOR PROPOSAL

The Boone County, NE is issuing this RFP for the purpose of selecting a qualified Contractor to provide Communications Tower plans, materials and construction.

A Contract resulting from this RFP will be issued for a period of 6 months from contract award.

Requests for proposal documents or any related questions should be in writing and directed to Region 44 Emergency Management office, located at 309 Esther St, Fullerton, NE 68638, or via email at region44em@hamilton.net.

A. SCHEDULE OF EVENTS

The County expects to adhere to the tentative procurement schedule shown below. It should be noted, however, that some dates are approximate and subject to change.

| ACTIVITY | | DATE/TIME |
|----------|--|-------------------------------|
| A. | Release Request for Proposal | April 20 th , 2015 |
| B. | Last Day to Submit Written Questions | May 5 th , 2015 |
| C. | County Responds to Written Questions Through Request for Proposal Addendum emailed to all vendors. | May 15 th , 2015 |
| D. | Proposal Opening Location: Boone County Court House Boone County Commissioner's Room 222 S 4 th St Albion, NE 68620 | May 27 th , 2015 |
| E. | Review for Conformance of Mandatory Requirements | May 27 th , 2015 |
| F. | Evaluation Period | May 27-29, 2015 |
| G. | Contract Award | June 8 th , 2015 |
| H. | Contractor Start Date | June 8 th , 2015 |

II. PROJECT DESCRIPTION AND SCOPE OF WORK

The bidder must provide the following information in response to this Request for Proposal.

B. SCOPE OF WORK

Boone County, Nebraska is seeking bids for the purchase and construction of a single self-supporting radio communications tower.

Structure: Antenna Tower Boone Co Radio Tower

Location: Albion, NE

Latitude: 41-40-44.43N NAD 83

Longitude: 98-00-46.21W

Heights: 1871 feet site elevation (SE)

310 feet above ground level (AGL)

2181 feet above mean sea level (AMSL)

C. WORK PLAN

The County is coordinating civil work for FAA approvals, soil analysis, site access and land-owner agreements as applicable. The contractor will coordinate with the County Project Manager regarding all aspects of the project and notify the County Project Manager for all project status and site issues as they occur. The Contractor will provide plans, drawings, all personnel, coordinate delivery of construction materials, personnel involved, and site restoration. The Contractor will be responsible for obtaining all permits required for construction. Boone County requires that the tower project be completed in its entirety by August 15th, 2015.

D. DELIVERABLES

Bidders shall provide the following deliverables for the tower in their response:

- The project schedule including start dates and project completion.
- Tower, foundation, & grounding specifications, including drawings & scale dimensions.
- Total cost of tower construction, including materials and labor.

E. RFP CHANGES

Boone County reserves the right to make changes to this RFP at any time prior to the RFP response deadline. In the event that it becomes necessary to revise or correct any portion of the RFP, a Change Notice will be provided to each participating Vendor.

General

The Tower will be of self-supporting type; it must meet all specifications as set by ANSI/EIA/TIA-222-F-1996. All pieces used in the construction of the tower must be hot-dip galvanized after all fabrication processes are completed. The preparation and galvanizing processes must ensure the complete coating of the interior and exterior surfaces of any/all angular or tubular members. A tower constructed of tubular steel must have sufficient "weep" holes to allow for the draining of condensation.

BOONE COUNTY NEBRASKA COMMUNICATIONS TOWER PROJECT

All hardware and components as specified by the manufacturer and necessary for the erection, assembly, and construction of the tower must be supplied as part of the tower. All hardware, bolts, nuts, washers, lock washers, locknuts, etc. used in construction must be either hot dip galvanized or fabricated of stainless steel. Torque data must be supplied for all bolts used in construction.

A connection point must be provided on each leg of the bottom sections suitable for the connection of a copper ground wire. Each attachment point must be composed of materials designed to reduce galvanic action between the galvanized tower structure and the copper ground wire.

One face or corner will be configured with a "Climbing Ladder". A fall suppression safety cable shall be included and installed as part of the climbing ladder. One of the remaining faces will be configured with a "Cable Ladder". The actual face to be used as a cable ladder will be determined based on the position of the equipment shelter with respect to the tower. Contractor will provide a cable mounting system. The cable mounting system can either be integral to the tower structure or add-on and must accommodate hangers designed to support cables of all hardware. Add-on brackets must be secured by the use of "J" or "U" bolts; drilling of holes or welding to the tower is not permitted following the hot-dip galvanizing process. Vertical spacing between the cable hanger mounting brackets is not to exceed five feet or per tower manufacturer specification

The tower system must be designed to support the total load provided by the obstruction lighting system, antennas and cables listed for both the initial load and the anticipated future load without any structural modifications to the towers. The Tower must withstand the antenna and cable load with half-inch (1/2") radial ice and 100 MPH winds.

The contractor will be responsible for delivery of tower and hardware to the location specified. A project representative of the County will be determined upon contract award, and be provided as a County contact for the Contractor. Contact must be made with this County representative prior to shipment to arrange for delivery.

The bidder will be required to provide technical information detailing structural member sizes in each section, bolt size, bolt grade, bolt torques for each level etc., plus any additional information that may be necessary for the proper erection and future maintenance of the tower.

Bidders are to supply as part of their bid response the tower manufacturer, model or series being bid, manufacturer's product data sheets, and plans detailing the tower base & foundation.

The completed bid response is to include the attached "Bid Quotation Sheets".

Installation

The contractor will be responsible for:

- Ensuring proper erection and construction in accordance with manufacturer's instructions and information as provided.
- Installation of obstruction lighting for the Boone County tower must be included as part of the tower erection.
- Installation of the required ground system as specified must be included as part of the tower installation.
- Installation of and materials for the concrete pads for equipment shelter, standby generator, & LPG fuel tank are to be included as part of the installation. PVC electrical conduit between the generator and shelter stub areas, & fuel line between the generator pad and LPG tank pad are to be included as part of the installation. Exact locations for PVC conduits will be determined upon contract award.
- Installation of security fence.
- Complying with all FAA and FCC requirements for obstruction marking during the construction phase.

BOONE COUNTY NEBRASKA COMMUNICATIONS TOWER PROJECT

- Supplying all materials such as concrete, reinforcement steel (rebar) as may be necessary to construct the foundation as specified by the tower manufacturer.
- Obtaining all applicable state, county, local, etc. permits required for construction.
- Shipping, receipt, and unloading of all materials, etc., required for construction.
- Removal of existing equipment located at the Kohtz tower (41°40'37.5"N 98°00'44.7"W) and installation of equipment at newly constructed tower (41°40'44.4"N 98° 00'46.2"W).

A project representative of the County will be determined upon contract award, and be provided as a County contact for the Contractor. The Contractor must contact this County representative prior to the start of, and at the conclusion of any construction.

Grounding

A solid copper grounding block will be installed on the face configured with a "cable ladder" approximately six (6) feet above the ground. This ground bar will have suitable capacity and connection points for tower equipment. This ground bar is to be installed vertically a reasonable distance from, and on the right side of the "cable ladder".

Bidders will submit to the County their detailed plan for establishing a complete grounding system at the site. Bidders shall design the grounding system to meet or exceed requirements to obtain 5-ohm resistance or lower to ground as specified in standards documents NFPA 70 and ANSI/EIA/TIA-222-F-1996 or most current version of ANSI/EIA/TIA-2222-F publication. In addition, provisions will be made to allow connection of site equipment shelter, generator, and LPG fuel tank to the site grounding system.

Prior to backfilling of excavations required for installation of the ground system, the County representative as listed for the site is to be notified to arrange for inspection.

Contractor will be responsible for providing all materials necessary to the proper installation of the grounding system.

Concrete Equipment Pads

At each tower site, the successful contractor is to construct a 9' X 18' concrete pad for placement of an equipment shelter and standby generator by the County. In addition, a 4' x 11' concrete pad will be required for a 500 gallon LPG fuel tank. Contractor will also provide PVC electrical conduit below grade between generator stub-up area and shelter stub-up area, and 5/8" semi-rigid copper fuel line between LPG tank pad and generator pad. Placement of PVC conduit for connection of utility power and telecom services is also required. Exact position of concrete pads, conduit, & fuel line relative to the tower position will be determined, and site drawings created, after tower specifications have been received by the County and a contract has been awarded. Contractor will comply with all applicable state and local laws regarding burial of underground services.

Security

The County requires that a fence be erected around the completed site for the purpose of providing site security. The fence must completely encompass all structures at the site, and have adequate distance between itself and site structures to allow for ease of operation and maintenance.

The fence shall be of galvanized chain link construction and be 6' tall. The fence shall have a 10' wide hinged chain link access gate with a latch that has provisions for a padlock-style locking device. The perimeter fence and gate shall have a 3-strand barbed wire security top. Exact position of fence and

gate is TBD. The fence shall be constructed of materials and using methods industry accepted as applicable to a commercial application.

Obstruction Lighting

The tower's obstruction lighting system must be of medium intensity lighting or equivalent and in accordance with Federal and State Regulations. Light system to be supplied with adequate cable to interconnect flash-head and control & power supply assemblies.

Manufacturer's product information data sheets are to be supplied with the obstruction lighting system.

Antenna

The tower will be designed to support a 4' dish, 2.6' dish, 1' dish, three 7/8" TX mounts in addition to the County's dishes, line, and mounts for the antennas currently on the existing Kohtz Tower.

Warranty

Manufacturers' standard warranty shall apply and be for at least 1 year after tower completion. Warranty shall include all parts, labor, and trip charges. No additional charges will be accepted.

BOONE COUNTY NEBRASKA COMMUNICATIONS TOWER PROJECT

Boone County, NE

Bid Quotation Sheet #1
Boone County Communications Tower Site

Bidder Name _____ Req. No _____ Date _____

| | |
|--------------------------------|----------|
| Tower Foundation | |
| Foundation Materials | \$ _____ |
| Foundation Labor | \$ _____ |
| Tower Structure | |
| Tower Materials | \$ _____ |
| Tower Erection Labor | \$ _____ |
| Shelter Pads & Fence | |
| Concrete Materials | \$ _____ |
| Fence Materials | \$ _____ |
| Shelter pads & Fence Labor | \$ _____ |
| Miscellaneous | |
| Travel & Lodging | \$ _____ |
| Other Miscellaneous (describe) | \$ _____ |
| _____ | \$ _____ |
| TOTAL BID PRICE | \$ _____ |

The bidder agrees to supply, deliver, construct, and erect towers per the specifications contained in this Request for Proposal. All necessary parts, labor, and all other costs for the satisfactory completion of the towers must be included in the proposal price.

Bidder Evaluation Sheet

| Description | Check if Specified | Described if not specified |
|--|--------------------|----------------------------|
| Tower, foundation, & grounding specifications, including drawings & scale dimensions. | | |
| Bidder provided plans and drawings in accordance with local, state, and federal codes, standards, and specifications. | | |
| Bidder's reputation and qualifications in building communication towers. | | |
| Responsibilities-Bidder can meet all installation responsibilities outlined in the RFP specifications document. | | |
| The project schedule including start dates and project completion. | | |
| Schedule-Bidder can meet the scheduled completion date of August 15 2015. | | |
| Total cost of tower construction, including materials and labor. | | |
| Required Materials-Bidder outlined cost of tower, climbing ladder, fence, pads, and ground materials as outlined in RFP Specifications document. | | |
| Bidder furnished shipping and delivery costs; Including costs of handling and unloading of all materials. | | |
| Warranty information on materials provided. | | |