Administrative Offices
P.O. Box 276
100 E. 4th Street
York, NE 68467

REQUEST FOR PROPOSALS FOR FIRE STATION COMMUNICATION TOWER

SUBMITTAL DUE DATE: JUNE 10, 2025 AT 2:00 PM

PROPOSALS MUST BE MAILED OR DELIVERED TO:
City of York, Attn: City Clerk
100 East 4th St., York NE 68476
Please mark your envelope "PROPOSAL FOR COMMUNICATION TOWER"

EIN/SSN (Required)_____
Federal I.D. Number

COMPANY NAME_____

ADDRESS:_____

CITY/STATE/ZIP_____

PHONE_____

PRINTED NAME_____

AUTHORIZED SIGNATURE_____

TITLE_____ EMAIL_____

Signature acknowledges that Proposer has read the bid documents thoroughly before submitting a proposal, will fulfill the obligations in accordance to the scope of work, terms and conditions and is submitting without collusion with any other individual firm. You must submit this page with an authorized signature.

ALL QUESTIONS MUST BE SUMMITTED BY EMAIL TO THE FOLLOWING PERSON:

Chief Tony Bestwick, tbestwick@cityofyork.ne.gov

Questions must be submitted no later than June 9, 2025. Questions submitted after that date will not be considered.

BIDDERS MUST SUBMIT THIS PAGE WITH ANY PROPOSAL

Request for Proposals

Project Name: Communications Tower for York Fire Station
Project Location: 1714 N. Lincoln Ave, York, NE 68467. Ground elevation of 1650' above mean sea level, latitude 40°52'38" North & longitude 97°35'31" West.

SCOPE OF WORK:
The City of York, Nebraska is constructing a new fire station to support public safety operations for the city and county of York, Nebraska.

To support emergency communications the city is requesting a quote to furnish and install a new 80-foot communications tower. The successful bidder will supply the tower, installation and associated material including foundations, grounding and antenna mounts.

The successful bidder shall be responsible for providing tower foundation all tower material and hardware along with transporting/delivery to the site. Installation of the tower foundation and grounding ring, erecting the tower, and installation of antenna mounts for proposed antennas and all labor.

The City of York shall be responsible for the installation of all antennas and lines on the tower.

The tower must be installed and ready for antenna attachment no later than October 1, 2025.

Tower Requirements:

- The tower must be a self-supporting structure with no guy wires.
- The tower must be a galvanized steel welded lattice design with all solid members.
- The tower must be equipped with a coax ladder that includes a minimum of eight holes each for snap-in hangers and 3/8" hole butterfly hangers for ½" & 7/8" transmission lines.
- The tower must be installed with antenna mounts per the proposed locations. If applicable the mounts must be adjusted for tapered tower legs.
- The furnished tower must meet TIA-222 Rev I Structure Class IIIH requirements for wind and ice load for the specified location.
- All grounding for the tower will be part of the installation.
- Grounding furnished with the tower must meet Motorola R56 and TIA-222 Rev I Structure Class IIIH grounding requirements.

- The tower must be equipped with a climbing ladder and safety climb system. The ladder must start at 10' above ground level to prevent unauthorized access.
- Tower must include a ground ring per Motorola R56 Standard.
- A grounding bar must be provided at the base of the tower that is bonded to the tower grounding ring.
- Lightening Protection Compliance with LPI.
- The tower must be designed to allow for a climate-controlled cabinet at the base of the tower for all radio equipment that the City of York will install.
- The tower must be designed for the proposed antennas outlined below and designed to accommodate expected future antennas outlined below.

Proposed Antennas:

The new tower must be designed for the following antennas:

- Top of Tower one (1) Comscope DB420-B antenna fed with 7/8" hardline (80-Foot).
- 70-Foot level two (2) Comscope DB404-B antennas located on opposite tower legs. These antennas will be fed with ½" hardline. The tower shall be equipped with 3' standoffs for these antennas.
- 55-foot level two (2) Laird Y-4505 Yagi antennas antenna 1 with an azimuth of 185 degrees. The second antenna at the 55-foot level will have an azimuth of 25 degrees. Both antennas will be fed with ½" hardline.
- 50-foot level two (2) Laird Y-4505 Yagi antennas antenna 1 with an azimuth of 185 degrees. The second antenna at the 50-foot level will have an azimuth of 25 degrees. Both antennas will be fed with ½" hardline.

Future Antennas:

- The tower must be designed to accommodate future requirements that include the following (the bid does not include mounts for these antennas):
    - One 6' dish at the 75' level and one 6' dish at the 55' level. Each dish is to include two LMR400 feedlines.
    - One 4' dish at the 60' level with two LMR400 feedlines.
    - Two additional Laird Y-4505 Yagi antennas at the 40-foot level with ½" hardline.

Additional Requirements:

- Manufacturer and Installer must have experience in the type of project proposed. Provide evidence of experience in the bid packet and contact information for at least two references from similar past projects for a municipality or fire district.

- The successful bidder will be responsible for completing a one-call notification prior to any excavation performed on site.
- All work must be completed by registered contractors with the City of York.
- All work must have approved city permits by the City of York.
- All contractors on site must furnish proof of insurance.
- The successful bidder shall participate in a safety orientation prior to commencing any work
- All contractors on site must follow all safety requirements of the prime contractor.
- Successful bidder must furnish three copies of the final installation drawings. They shall include structural drawings, foundation and grounding.
- Final design drawing must be stamped by a professional structural engineer and indicate compliance with TIA-222 Rev I Structure Class IIIH, and Wind and Ice Load for York Nebraska.

Soil Testing:

- The current site is under construction and installation shall be coordinated with the prime contractor on site. Soil testing has been completed at the site and is attached to this RFP document. If additional testing is required, please indicate this requirement in your bid response and the cost associated with the additional testing.

BID RESPONSE:

All submittals become property of the City of York. Proposals must be mailed to:
Amanda Ring, City Clerk
City of York
Ref: Fire Station Communications Tower RFP
100 East 4th Street
York, NE 68467

SELECTION CRITERIA

- Relevant project experience
- Qualifications of firm project personnel
- Past record of performance on similar projects, including
    - Quality of work
    - Cost control

    - Ability to meet schedules
- Project approach with a focus on firm strategies to ensure our project goals are met within our budget and schedule.

SUBMITTAL DEADLINE:

Bids must be submitted by Tuesday, June 10th at 2:00 PM

ATTACHMENTS:

- Soil Compaction Report files
- Geotech Report PDF
- Schemmer Drawing E501