

## ADDENDUM ONE

DATE: May 18<sup>th</sup>, 2015

TO: All Vendors

FROM: Boone County, Buyer

RE: Request for Proposal Amendment and Questions and Answers for Boone County NE Tower Project

---

### Installation

Vendors are requested to submit the most feasible option for their company on removal of existing antenna's from current tower and installation or replacing antennas entirely. All antenna cables/lines are expected to be replaced. Additionally all vendors are requested to include an estimate for ice bridge equipment and installation between tower and building.

### Question and Answer

Following are the questions submitted and answers provided for the above mentioned Request For Proposal. The questions and answers are to be considered as part of the Request For Proposal. Questions received after May 5<sup>th</sup> will not be addressed by Boone County. The County will respond to all questions by May 15<sup>th</sup>, 2015 sending a revised addendum via email to the email address provided during the RFP request or Question/Answer Request and posting documents to Region 44 Emergency Management website.

QUESTIONS	ANSWERS
1. Tower loading: Please provide the current load (Kohtz Tower) as well as the placement elevations for Current and Future Load on new tower.	See Attachment One to this Addendum. Assume 100% available capacity for future loads.
2. Obstruction Lighting is to be Medium Intensity , clarify White Only or Dual (White/Red).	Obstruction Lighting is Dual Red Medium Intensity

QUESTIONS	ANSWERS
<p>3. Wind/Ice: Is 100mph @ ½ ice to be concurrent or can a reduction in wind be considered in accordance with EIA/TIA standards.</p>	<p>A reduction in wind can be made but within EIA/TIA standards.</p>
<p>4. I noted that the county is to provide the soil reports (Geo Tech) in the interim we would plan to base on normal soil conditions.</p>	<p>Soil report was conducted April 8<sup>th</sup>, 2015. Report is Attachment Three to this Addendum.</p>
<p>5. Structure Class ? Would use Structure Class 2, but this may need to be Class 3 if it is to house any emergency communications, such as fire, police or ambulatory.</p>	<p>Class 3</p>
<p>6. Is there any site plans available that could aid in the understanding of the compound size etc...</p>	<p>50' X 50' Fence, 9' X 12' Building, on a 9' X 18' slab to accommodate the generator, photos available on last page of this document.</p>
<p>7. The Project Description and Scope of Work references a soil analysis. Is that complete and can we receive a copy of that report?</p>	<p>Soil report was conducted April 8<sup>th</sup>, 2015. Report is Attachment Three to this Addendum.</p>
<p>8. The Project Description and Scope of Work states that "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". There is no reference to what the "future load" will be.</p>	<p>See Attachment One to this Addendum</p>
<p>9. What permits exactly is the contractor required to obtain? It looks like the County is acquiring FAA approval and I would assume the County is handling all local permitting requirements. Is the County also taking care of SHIPO/NEPA as this process can take months?</p> <p>Has an ASR # been assigned or is that in progress?</p>	<p>County Fair Board—approval granted  Local &amp; County Zoning—approval granted  FAA – Determination of No Hazard—received  Dept of Aeronautics—Permit to Build—received  EHP—Building, Generator &amp; Tower - completed  Application for ASR# - in process  EA (Environmental Assessment) – in process  City Council - approval granted—  <b>C.U.P. (Conditional Use Permit) to be completed by Vendor</b></p>

QUESTIONS	ANSWERS
<p><b>10.</b> When will the soil report be made available to the contractors?</p>	<p>Report is Attachment Three to this Addendum</p>
<p><b>11.</b> Is the August 15, 2015 completion deadline correct?</p>	<p>YES</p>
<p><b>12.</b> Who is providing the shelter?</p> <ul style="list-style-type: none"> <li>• Who is the manufacturer?</li> <li>• What does it weigh?</li> </ul>	<p>East Central Region has purchased a Rohn Building, weight is approximately 30,000lbs.</p>
<p><b>13.</b> For bid purposes, what do you want us to use for the compound size so we can bid the fence? (50' x 50'?)</p> <ul style="list-style-type: none"> <li>• Please identify gate sizes.</li> </ul>	<p>For the purposes of providing a bid, assume a compound area is 50'x50', or an area that will reasonably encompass the tower, shelter &amp; generator pad, and LPG tank.</p> <p>Gate Size: 10' wide hinged chain link access gate with a latch that has provisions for a padlock-style locking device</p>
<p><b>14.</b> Will the County provide a site survey?</p>	<p>Attachment Two to this Addendum</p>
<p><b>15.</b> Identify heights for each proposed antenna and line.</p> <ul style="list-style-type: none"> <li>• Do you want to include future growth for any cellular or is this tower strictly for County use?</li> </ul>	<p>See Attachment One to this Addendum. Yes</p>
<p><b>16.</b> Will an access road to the site be in place before construction begins?</p>	<p>Yes, the county will be responsible for creation of access road.</p>
<p><b>17.</b> Will AC power be provided by Boone County at the construction site?</p>	<p>No. The County will coordinate with the tower contractor and shelter &amp; generator suppliers for their installation prior to reaching tower elevations that require tower lighting.</p>
<p><b>18.</b> Would Boone County extend the completion date out to 15-Oct-2015?</p>	<p>No</p>
<p><b>19.</b> If Boone County retains Terracon's services, will they be responsible for the associated costs?</p>	<p>No, Boone County will not be responsible for subcontract; include all costs in the bid.</p>
<p><b>20.</b> What is the required thickness of the concrete pads for the equipment shelter LPG fuel tank and standby generator?</p>	<p>Pads for shelter will meet Rohn Building (30,000lbs) specifications. See Illustration 1 at the end of this document for LPG Fuel Tank Pad specifications.</p>
<p><b>21.</b> Is the contractor to use the existing antennas, antenna line and connectors from the the Kohtz tower on the new communications tower or replace as needed?</p>	<p>Replace as needed. All antenna line and connectors are to be replaced.</p>

QUESTIONS	ANSWERS
<p><b>22.</b> May a bidder submit a turn-key lump sum price on the “Bid Quotation Sheet #1, in place of “Tower Foundation”, “Tower Structure” “Shelter Pads and Fence” and “Miscellaneous sections?”</p>	<p>Bid should itemize costs.</p>
<p><b>23.</b> Is there a “RFP” number and or “Req.” number a bidder should use on the Bid Quotation Sheet #1 (page6)?</p>	<p>15052701BC</p>
<p><b>24.</b> Is the bidder to include in their response white rock within the fenced security area for ground cover?</p>	<p>No, the County will provide ground cover.</p>
<p><b>25.</b> Tower being designed per TIA code, Rev. F. It was our understanding that any Nebraska sites that are government owned are to be designed using Rev. G.</p>	<p>Use the TIA code Rev. G.</p>
<p><b>26.</b> Page 3, First Paragraph Under General: Tower manufacture provides torque data, is that sufficient?</p>	<p>Yes.</p>
<p><b>27.</b> Page 3, Second Paragraph, Under General:  It appears a grounding ring is required, are we the contractor providing, or is there an existing one?  Is all grounding and grounding ring new that supplier/contractor provides pricing on?</p>	<p>Contractor is responsible for providing grounding ring and should include in pricing.</p>
<p><b>28.</b> Page 1, Paragraph 4, Under Public Notice: What is the insurance requirement?</p>	<p>Prior to execution of the contract, the Contractor shall obtain insurance coverage to fully protect it from loss associated with the work. Contractor will be responsible for payment of any deductibles. The county anticipates coverage of a minimum 1 million dollars. Contractor will provide certificate of insurance to the Boone County Clerk.</p>

QUESTIONS	ANSWERS
<p><b>29.</b> Can the county provide an explanation of deposits at the beginning of the project and what the milestone of payments is?</p>	<p>A schedule of payments will be developed during contract negotiations. The County proposes the following milestones/schedule;</p> <p>25% of total project will be an initial deposit (July 13<sup>th</sup>, 2015)</p> <p>25% of total project amount upon delivery of equipment (August 10<sup>th</sup>, 2015)</p> <p>50% of total project amount upon project completion/project acceptance by Boone County (September 14<sup>th</sup>, 2015)</p>
<p><b>30.</b> Is concrete testing required before it is poured? What method of concrete pouring do you require?</p>	<p>No. This should be done in accordance with manufacturer specifications.</p>
<p><b>31.</b> On the new tower is it all new equipment, coax, mounting hardware? Who provides this if new?</p>	<p>Bidder</p>
<p><b>32.</b> Clarification on antennas, coax/feed line and mounting hardware for them, Will Boone County supply them or is this part of the bidders response?</p>	<p>Part of bidder's response.</p>
<p><b>33.</b> There are 3 licensed microwave antennas to be placed on the new tower. Will the successful bidder be responsible for path alignments? If so, what are the other end points, heights and type of structures?</p>	<p>No.</p>
<p><b>34.</b> Are there any antenna/coax "sweep" test required after the installation on the new tower?</p>	<p>Yes, with exception to the 3 licensed microwave antennas, the County wants antennas/cable tested to ensure optimal use.</p>
<p><b>35.</b> Is there anything that will be mounted above 250 ft?</p>	<p>Yes, BCSO's DB224/4LOC-HB/DB212/LOB-LB will be placed at the top of the tower.</p>
<p><b>36.</b> Please confirm the cell array and height.</p>	<p>No cellular antennas are placed on the tower for this project.</p>



**Building and Generator Location**



**Boone County Building and Generator Location**

Illustration 1: LPG Tank Concrete Pad.

