

ADDENDUM TWO, QUESTIONS and ANSWERS

Date: March 3, 3030

To: All Bidders

From: Julie Dabydeen, Buyer
AS Materiel State Purchasing Bureau

RE: Addendum for Invitation to Bid Number 6247 OF to be opened March 13, 2020, at 2:00 P.M. Central Time

Questions and Answers

Following are the questions submitted and answers provided for the above mentioned Invitation to Bid. The questions and answers are to be considered as part of the Invitation to Bid. It is the Bidder's responsibility to check the State Purchasing Bureau website for all addenda or amendments.

<u>Question Number</u>	<u>ITB Section Reference</u>	<u>ITB Page Number</u>	<u>Question</u>	<u>State Response</u>
1.	<p>C. TECHNICAL SPECIFICATIONS: TRANSMISSION LINE AND ASSOCIATED HARDWARE</p> <p style="padding-left: 40px;">2. New hangers, line pullers and misc. hardware required to mount transmission line and secure transmission line to tower that meet TIA -222G Specification.</p>		<p>In order to provide the materials necessary to meet the TIA-222G Specification any vendor will need to know the following information:</p> <p>Rev G Criteria:</p> <p>Antenna height above ground level (ft) (Shown as 1284' AGL on the technical specifications provided.)</p> <p>Basic wind speed (mph) ?</p> <p>Structure class ?</p> <p>Exposure category ?</p> <p>Topographic category ?</p> <p>Height of crest (ft) ?</p> <p>Design ice thickness (in) ?</p> <p>Basic wind speed with ice (mph) ?</p>	Please see Attachment A in revised ITB.
2.			Is NET providing the antenna and feedline for	Bidder is to provide antenna and feedline.

			<p>this site, or do we procure?</p> <p>If we are providing, is there a specific brand that it needs to be (ERI, Dielectric, Shively, ETC)?</p>	<p>Dielectric & ERI are preferred antenna vendors.</p>
3.			<p>Are there existing holes on the tower for the new feedline to utilize or will we need to drill through for spring hanger support installation?</p>	<p>We prefer mounting hardware that uses clamps rather than drilling through tower members for hanger installation.</p>
4.			<p>Will there be any days of the week/times that we would not be able to shut down the FM for any reason or have access to the site?</p>	<p>Early morning and afternoon drive time should be avoided.</p>
5.	<p>D. TECHNICAL SPECIFICATION: REMOVAL AND DISPOSAL FROM JOB SITE OF EXISTING TRANSMISSION LINE</p> <p>3. Existing 10' matching section between transmission line and antenna will be retained in new installation.</p>		<p>Question: Is this a fine matcher? If so, if the antenna is provided with a fine matcher, may the existing 10' matching section be removed from the tower with the antenna and transmission line?</p>	<p>VI.D.3 is hereby deleted in the specification table.</p>
6.			<p>Is the current antenna leg or face mounted and will the replacement antenna be positioned in the same location?</p>	<p>Current antenna is leg mounted. New antenna is to be mounted on the same leg in the same position.</p>
7.			<p>If the antenna is leg mounted, what is the outside diameter of the leg? Does the existing antenna have anti-rotation brackets?</p>	<p>Existing antenna is located from 1160' to 1278' with center of radiation at 1219'. Diameter of legs from 1158' to 1208' is solid round 3.5", from 1208' to 1233' is solid round 3.75"</p>

				and from 1233' to 1283' is solid round 4". Existing antenna does not have anti-rotation brackets. Use best practices for new installation.
8.			If the antenna is face mounted, please provide the details the dimensions of the tower face.	Antenna is leg mounted. See answer to question 6.
9.	VI, D, 2	25	Can you identify the make and model dehydrator, or other pressurization source, that will be used pressurize the new transmission line after it is installed? Does the current system have an available pressure port, and sufficient capacity, to pressurize the new transmission line and maintain pressure on the existing line until it is removed from service?	The existing pressurization source is an Altec Air P1500W and a backup nitrogen tank. An additional pressure port is available. System has sufficient capacity.
10.	VI, D, 3	25	The FM antenna proposed includes a slug matching section at the input and the bid specifies that the successful vendor field tune the FM antenna after installation. Can the requirement to retain the existing fine matcher be removed as this is not necessary with most of the currently available FM antenna products?	See answer to question 5.
11.	VI, F, 2	26	The FM antenna specifications require - 0.75 degrees of electrical beam tilt, but null fill is not specified.	There is no significant population at that distance from the tower. 10% null fill is not needed in this proposal.

			The first null of the 12-bay array should hit the ground at distance of 2.2 miles from the tower. If there is population at that distance 10% first null fill is recommended. Should this be included in the array design proposed?	
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This addendum will become part of the ITB and should be acknowledged with the Invitation to Bid response.