

## ADDENDUM ONE

Date: July 31, 2014  
 To: All Bidders  
 From: Julie Dabydeen, Buyer  
 State Purchasing Bureau  
 RE: Addendum for Invitation to Bid 4751 OF

Original Opening Date and Time: August 07, 2014 at 2:00 p.m.

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.

QUESTIONS	ANSWERS
1. What is the existing tower voltage and phase configuration feeding the flash heads?	High-Intensity: 480 VAC, 3-phase Red Lights: 120 VAC, Single-phase (208 VAC, 3-phase is also available on-site.)
2. Is a tower profile drawing available that shows the following: a. Tower leg dimensions? b. Tower face width? c. Guy cable attachment locations on tower? d. Existing side mounted FM antenna height on the tower (bottom and top of antenna)?	Due to copyright issues the State of Nebraska cannot provide. Documentation is available on-site at the tower for the installation crew's use. a. 29' 9-7/8", 4' 11-5/8" Horizontal Spacing b. 7' 0-3/4" c. 162' 1", 311' 2", 460' 4", 619' 4", 788' 4", 938' d. Bottom 840', Top 933' (approximately)
3. Confirm top of tower steel height?	938-feet Top-of-Steel
4. Provide KXNE-TV antenna length?	70-feet (73.9-feet with lightning array)
5. Are there any known issues with the tower conduit, junction boxes and or wire?	No
6. Is the wiring diagram furnished with the existing lighting system available- showing conduit and conductor sizes, etc? or	Documentation is available on-site at the tower for the installation crew's use and please see answer to Question 7.  See Attached Photo Titled – Lowest Level Junction Box with 2-inch Conduit.
7. Are the rigid conduit size and wire sizes available?	From a visual check of the conduit wiring at the control box:

	<p>3 cond. 4 AWG 120V  3 6 AWG 480 V  1 pair black/white 12 AWG 120V  1 blue – shielded – communication  3 cond. 10 AWG – 120V  4 8 AWG - 120 V  3 10 AWG - 120 V</p>																															
<p>8. In reviewing the Lighting System drawing it appears the existing installed lighting does not comply with the FAA spacing standards. Please confirm the following:</p> <ul style="list-style-type: none"> <li>a. Was the lighting system installed at locations indicated on the drawing furnished with the bid documents?</li> <li>b. If so, should the new system be installed at the same locations or modified to comply with FAA requirements?</li> </ul>	<ul style="list-style-type: none"> <li>a. It appears that the existing lighting system was installed at the locations indicated on the furnished drawing.</li> <li>b. The new system shall be installed to comply with all current FAA requirements.</li> </ul>																															
<p>9. How are existing marker light conduit runs attached to tower legs at marker light locations- Strapping , angle iron bracket or? Is a photo available. The LED marker lights have a very narrow beam and it is essential that they be mounted and maintain a level position to comply with FAA certification.</p>	<p>See Attached Photo Titled - Marker Light (typical).</p>																															
<p>10. Does the tower have a working elevator?</p>	<p>No, the tower does not have an elevator.</p>																															
<p>11. On the ITB form, line item 6 is listed with P/N RTO-1R18-001 (or -004). Those lights are NOT 120VAC lights, they are 12-48VDC. The correct P/N should be RTO-1R07-001.</p>	<p>The part numbers are correct as listed on the ITB form, but the descriptions should read `12-48 VDC` rather than `120/240 VAC`.</p> <p>Line 6 of the Invitation to Bid is hereby deleted:</p> <table border="0" style="width: 100%;"> <tr> <td style="text-align: right;">QTY</td> <td style="text-align: left;">UOM</td> <td style="text-align: right;">UNIT</td> <td style="text-align: right;">EXTENDED</td> </tr> <tr> <td></td> <td></td> <td style="text-align: right;">PRICE</td> <td style="text-align: right;">PRICE</td> </tr> </table> <p>DIALIGHT VIGILANT 120/240 VAC, 9.0000 EA _____</p> <p>RED, FAA, SINGLE #RTO-1R18-001  OR DIALIGHT VIGILANT 120/240 VAC,  RED, FAA, SINGLE #RTO-1R18-004</p> <p>Line 6 listed above is hereby amended to read:</p> <table border="0" style="width: 100%;"> <tr> <td style="text-align: right;">QTY</td> <td style="text-align: left;">UOM</td> <td style="text-align: right;">UNIT</td> <td style="text-align: right;">EXTENDED</td> </tr> <tr> <td></td> <td></td> <td style="text-align: right;">PRICE</td> <td style="text-align: right;">PRICE</td> </tr> </table> <p>DIALIGHT VIGILANT <b>12-48 VDC</b>, 9.0000 EA _____</p> <p>RED, FAA, SINGLE #RTO-1R18-001  OR DIALIGHT VIGILANT <b>12-48 VDC</b>,  RED, FAA, SINGLE #RTO-1R18-004</p> <p>Section 1.b. of the specifications is hereby deleted:</p> <p>B. Lighting system to Consist of Dialight Vigilant Components:</p> <table border="0" style="width: 100%;"> <tr> <td style="width: 10%;">Qty 9</td> <td style="width: 70%;">High Intensity Dual Flashhead/Power Supply</td> <td style="width: 20%;">D266-A57-270</td> </tr> <tr> <td>Qty 1</td> <td>High Intensity Controller</td> <td>D266-A57-CTR</td> </tr> <tr> <td>Qty 3</td> <td>Level Junction Box</td> <td>D156-6001JBX</td> </tr> <tr> <td>Qty 1</td> <td>High Intensity Photocell</td> <td>D256-6000PEC</td> </tr> <tr> <td>Qty 1</td> <td>Dual Strobe- L864/L865 Medium Intensity</td> <td>D1RW-C13-009</td> </tr> </table> <p>Qty 9 120/240vac, Red, FAA, Single RTO-1R18-001  -or-</p>	QTY	UOM	UNIT	EXTENDED			PRICE	PRICE	QTY	UOM	UNIT	EXTENDED			PRICE	PRICE	Qty 9	High Intensity Dual Flashhead/Power Supply	D266-A57-270	Qty 1	High Intensity Controller	D266-A57-CTR	Qty 3	Level Junction Box	D156-6001JBX	Qty 1	High Intensity Photocell	D256-6000PEC	Qty 1	Dual Strobe- L864/L865 Medium Intensity	D1RW-C13-009
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	<p>Qty 9 120/240vac, Red, FAA, Single RTO-1R18-004</p> <p>Section 1.b. of the specifications is hereby amended to read:</p> <p>B. Lighting system to Consist of Dialight Vigilant Components:</p> <p>Qty 9 High Intensity Dual Flashhead/Power Supply D266-A57-270  Qty 1 High Intensity Controller D266-A57-CTR  Qty 3 Level Junction Box D156-6001JBX  Qty 1 High Intensity Photocell D256-6000PEC  Qty 1 Dual Strobe- L864/L865 Medium Intensity D1RW-C13-009</p> <p>Qty 9 <b>12-48vdc</b>, Red, FAA, Single RTO-1R18-001  -or-  Qty 9 <b>12-48vdc</b>, Red, FAA, Single RTO-1R18-004</p>
<p>12. How far away from the base of the tower is the building that the controller will be installed in?</p>	<p>Approximately 40-feet from the tower base to the building, with approximately another 25-feet to reach the existing controller inside the building.</p>
<p>13. How would you like me to, and where would you like me to write in clarifications and exceptions?</p>	<p>Within the ITB bid document clarifications and exceptions can be included in the Notes/Comments section within each specification table. If necessary, attach separate pages clearly identifying each section along with noted clarifications and exceptions.</p>
<p>14. Do you have or, could you get me, pictures of the tower so we can see what we need to work around?</p>	<p>See Attached Photo Titled - Tower</p>

This addendum will become part of the bid and should be acknowledged with the ITB.

Lowest Level Junction Box with 2-Inch Conduit



Marker Light (typical)



Tower

07/30/2014