

ADDENDUM THREE QUESTIONS and ANSWERS

Date: April 17, 2018

To: All Bidders

From: Julie Dabydeen, Buyer
State Purchasing Bureau

RE: Addendum for Invitation to Bid Number 5815 OF
to be opened April 26, 2018 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.	VI C. 1.	23	This item identifies that the new transmission line and the existing run of rigid line are 610-feet long. According to the FCC CDBS the KUCV-FM is installed with its COR of 623-feet above ground level. The input to the KUCV end fed directional ERI antenna is approximately 21-feetThe length of transmission line specified does not appear to be long enough to include the horizontal run. Can you confirm the length of the horizontal and vertical transmission line runs?	This antenna is base fed, and there is a 10' matching section below the input to the antenna. Section VI.C.1. is hereby deleted and replaced with the following language. Removal of old transmission line and installation of new 625' of FM Transmission line with 50 Ohm 3" air dielectric flexible helical cable.
2.	VI C. 1.	23	Can a description of the transmission line bridge between the transmitter building and the tower be provided?	Ice bridge is approximately 16'x1.5' between tower and transmitter building. The only lines under this bridge are the transmission line to be replaced, and three smaller lines. See attached photos.
3.	VI C. 1.	23	Does a new access hole need to be drilled for the new transmission line run or is an existing hole available? If a new hole needs to be drilled can a description of the building be provided?	A new hole will not need to be drilled. Existing hole can be reused.
4.	VI D. 2.	24	FCC records and this section of the ITB indicate there are other FM stations on this tower. Can these facilities be run at low power and/or be taken off-the-air to allow this work to be done during daylight hours?	In the past, we have worked with other tenants on this tower and haven't had problems asking the other tenants to power down or reduce power when doing

				power work.
5.	VI. F. 1.	25	The transmission line testing will require that the other FM station on this tower be turned off during parts of the testing. Can this be done during daylight hours?	Please refer to answer for #4.
6.			I would like to verify the new transmission line length of 610'. I checked the FCC web site and they have this antenna registered at 190 meters or 623'. I believe that is to the antenna center line from ground level. I estimated the antenna input to be approximately 600' based on a photo I had on file from previous work on this tower. That would allow an extra 10' of coax to get from the tower down the ice bridge to the patch panel or transmitter. In my experience extra coax is also needed for turns/bends along the way. On the positive side you will not need to bring the coax all the way to the ground since the ice bridge and building entry is usually about 10' above ground level. This has probably all been factored in already, but I thought it may be worth mentioning. Please see attached photo.	Please refer to answer for question #1.
7.			Is the project still bidding on April 20 at 2:00 PM?	See Addendum Two on the website for revised bid opening date.
8.			Do you have a plan holders list available for the project? Could you please send me a copy if there is?	The State's vendor's list included the following: Tessco, Inc. Electronics Research Inc. Hutton Communications Inc. National Tower Controls LLC Dielectric LLC Cornerstone Tower Service, Inc. Sioux Falls Tower & Communications Murphy Tower Service LLC In addition, the State posted the Solicitation document to the State Purchasing Bureau's Website.
9.			Is there any updates on the Addenda at this point? If yes, could you also send me a copy if you have one?	Please refer to answer for question #7 and continue to watch the website for any additional addenda.

This addendum will become part of the ITB and should be acknowledged with the Invitation to Bid.

View from South of KUCV's transmitter building pointed north



New fence posts > - - - >

KUCV

About 31.5' between
single barbed wire
fence and building

**View from north of
the tower pointed south**



New GPS
Antenna v

Guys wires at
about 210° azimuth

v New fence post

KUCV, Hallam



**Guys at
About 210°
Azimuth**



**Exporter GPS
Antenna**

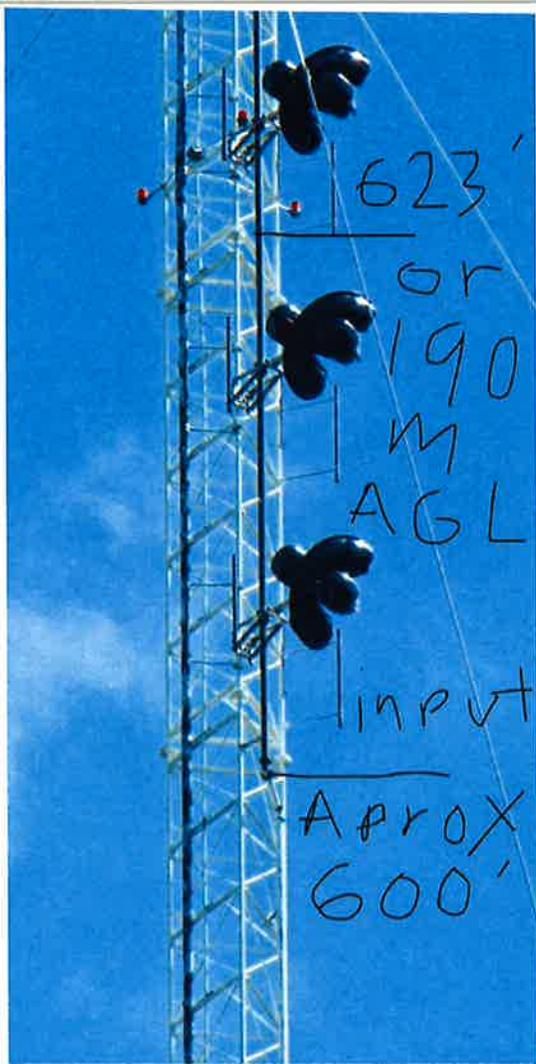
KIBZ

KTGL

KUCV

KFLV





623'

or

190

M

AGL

input

APROX
600'