



Procurement and Contracting Services

Request for Proposal KUAT Television Transmitter Replacement

ADDENDUM #1

**Please mark all proposal submission
Envelopes with the following information**

**Sealed RFP # L192303
Due on August 30, 2022 no later than 2:00 PM, MST**

The following questions were received prior to the close of the Technical Question period on August 17, 2022 at 12:00 PM MST:

1. What size of line for the low powered transmitter?

Answer: 31/8 inch

2. What is the overhang distance where we could possibly put the heat exchangers? (from the base to the girders or i-beams, more concerned about the vertical)

Answer: Nine feet eight inches lower level and eight feet six inches upper level. On upper level the HVAC remains and the heat exchanger will be removed. (See photos)

3. Internal UPS on the exciter, operate for 15 minutes, correct with that assumption?

Answer: Up to 1 minute during cold weather.

4. 5.6.6 Do you want the actual 3.0 licenses included or available for upgrade sometime in the future?

Answer: Can be included at no charge or available as future option.

5. Do we need to include taxes as part of the quote or do you want that listed separately?

Answer: Please include in quote as separate line item.

6. Is that a 6 or 8 (pull or pole filter), are you ok with a 6 pole?

Answer: Due to low power adjacent KPCE-LD we will require an 8-pole filter

7. Do you have an adjacent channel in your area?

Answer: See Below

CALL	RF CHANNEL	NETWORK	DISTANCE (Miles)	Bearing
KUDF-LP	14	Azt	0.1	265T
K16EO-D	16		21.9	231T
KFTU-CD	18		0.1	265T
KTTU-DT	19	MyN	0.0	61T
KVOA-DT	23	NBC	0.0	61T
KMSB-DT	25	Fox	0.0	61T
KUAS-DT	28	PBS	22.0	231T
KPCE-LD	29	DAYSTAR	26.1	244T
KUAT-DT	30	PBS	0.0	231T
KOLD-DT	32	CBS	0.0	61T
KHRR-DT	40	TEL	26.1	309T

8. Section 3.9.5 – please verify that the listed information in this section is ONLY required of the University specifically requests it and it is not to be included in the bid package.

Answer: Correct

9. Section 5.6.12 – what style surge protection is required, parallel or series?

Answer: Parallel

10. Section 5.7.2 – What is the input connector size for the low power 1500-watt transmitter?

Answer: Transmission line for low power should be 3/8 inch supplied by vendor. Vendor can provide recommended new location for low power transmitter to facilitate install to RF switch.

11. A 30' box truck or smaller is required for delivery to the site.

Answer: 26-32 foot truck should work fine.

12. It is preferred that the new RF system be installed in the ceiling and not on the floor.

Answer: Yes, please install in existing ceiling Unistrut.

13. Though much of the existing RF system is re-useable with the new transmitter, a completely new RF is required for the bid.

Answer: Correct new RF system.

14. KUAT is not tax exempt and tax is to be included in the pricing as a separate line item.

Answer: Yes, separate line on bid.

15. Section 5.6.5, 5.6.6, 5.6.7 – Regarding the ATSC 3.0 operation, this is a like for like transmitter replacement and the ATSC 3.0 license key is not to be provided as a part of the bid.

Answer: Correct ATSC 3.0 needs to be available as future option.

16. Section 5.6.8 – The UPS battery back-up must last for at least 1 minute.

Answer: Correct

17. Section 5.6.17 – a 4-Port switch is to be included as a part of the RF system and after the system is turned on, the switch is to be configured to take an input from the 1500 watt back up transmitter (see our question 3 above).

Answer: Correct

18. What size of line for the low powered transmitter?

Answer: 31/8 inch

19. What is the overhang distance where we could possibly put the heat exchangers? (from the base to the girders or i-beams, more concerned about the vertical)

Answer: nine feet eight inches lower level and eight feet six inches upper level. On upper level the HVAC units remains and the heat exchanger will be removed. (See photos)

20. Internal UPS on the exciter, operate for 15 minutes, correct with that assumption?

Answer: Can be one minute.

21. 5.6.6 Do you want the actual 3.0 licenses included or available for upgrade sometime in the future?

Answer: Can be included at no charge or available as future option.

22. Do we need to include taxes as part of the quote or do you want that listed separately?

Answer: Part of quote, separate line item.

23. Is that a 6 or 8 (pull or pole filter), are you ok with a 6 pole?

Answer: Due to low power adjacent KPCE-LD we will require an 8-pole filter

24. It was mentioned in the pre-proposal conference that there is a pallet jack on site for offloading at the transmitter site loading dock. Is the University ok offloading with the 3-day notice he mentioned or do we need to provide offloading as well?

Answer: AZPM can only commit to one person on site to assist.

25. Will electrician include wall coring for coolant hoses as well as all electrical?

Answer: Yes, electrician will provide coring.

26. Will electrician provide the cable tray for the coolant hoses? Or is this the responsibility of transmitter installer? We run our coolant hoses, electrical, and data cables on the same ladder trays typically. If the electricians are only providing runways for electrical, then you would end up with two sets of ladder trays possibly. Our transmitter supplies power and data to the pumps and HEX's. No 3rd party wiring is needed so we use the same ladder trays for everything.

Answer: Vendor should provide cable tray for their install. Electricians will install tray and electrical as needed.

27. Will electrician install the cable tray for the coolant hoses? Relates to number (2) but this is installation, not just providing.

Answer: Vendor should provide cable tray for their system. Electricians will install tray and electrical as needed.

28. Are additional dimensional drawings for the outside spaces where HE units will go available? Pad & Mezzanine?

Answer: Nine feet eight inches lower level and eight feet six inches upper level. On upper level the HVAC remains and the heat exchanger will be removed. (See photos)

29. What is the height from proposed HEX pad to Mezzanine above? (Vertical Clearance for Heat exchangers)

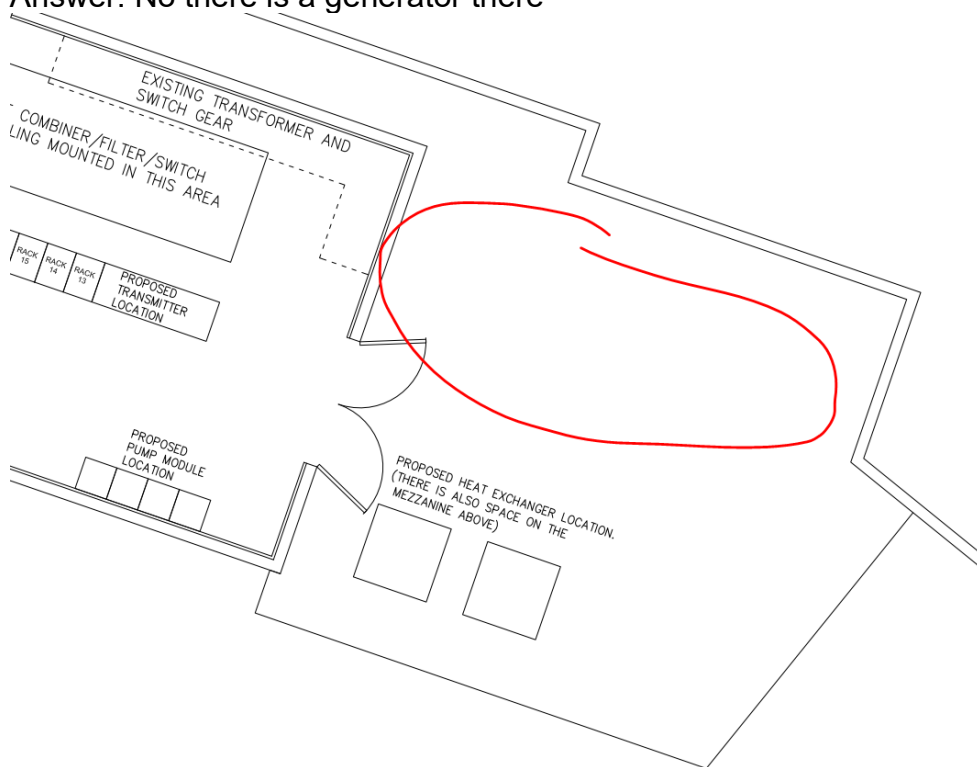
Answer: nine feet eight inches lower level and eight feet six inches upper level. On upper level the HVAC remains and the heat exchanger will be removed. (See photos)

30. What is the height from mezzanine floor to ice shield above it? (Vertical Clearance for Heat exchangers if they need to be installed on the mezzanine)

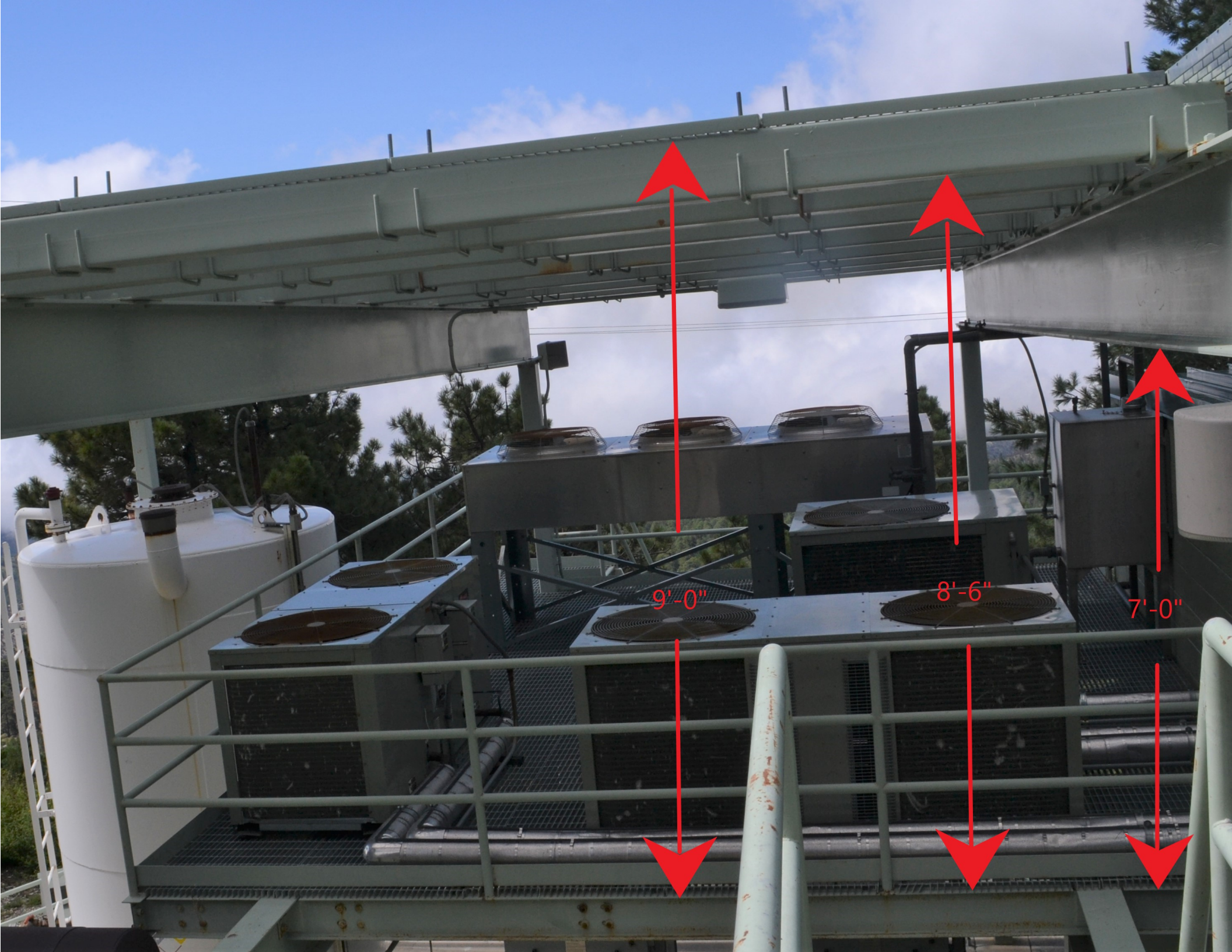
Answer: nine feet eight inches lower level and eight feet six inches upper level. On upper level the HVAC remains and the heat exchanger will be removed. (See photos)

31. Is the space circled in red available for Heat exchanger units? It was hard to tell what is in that space or if it is empty from the pictures on the call we had.

Answer: No there is a generator there



End of addendum, all else remains the same.



9'-0"

8'-6"

7'-0"





10'-3"

10'-10"



10' 10"

10' 3"

7.5"