

Request for Proposals
WSRE FCC Mandated Repacking Project
RFP 8-2018/2019



ADDENDUM # 2

Question: Are vendors required to include Electrical and Mechanical bids with the Transmitter sub-project? Or can the Electrical and Mechanical be bid separately from the transmitter sub project?

Answer: See ATTACHMENT A, Transmitter Electrical and Mechanical, on page 5

Question: Please confirm the list of equipment that is required to be de-installed and disposed of.

Answer: See ATTACHMENT A, Disposal, on page 15

Question: The RFP indicates you are planning on reusing the Bird 25kW station load. With the upgrade transmitter power rating minimum requirement of 31.0kW at output of mask filter, the Bird 25kW load will be undersized for this application.

Answer: The existing load can be operated with 31 kW for short periods with additional cooling. If a Transmitter bidder will require the new transmitter to be operated continuously above 25 kW for testing purposes, then the Transmitter bidder shall provide a SEPARATE Quote for a new station load to accommodate the full rated power of the transmitter being offered.

Question: Do you want us to quote a new Bird load to meet the required power rating?

Answer: See Previous Question.

Question: Does the College have a tax exemption certificate for the State of Alabama? This is the point of sale for this project and ERI is required to collect Sales Tax on the equipment supplied unless we have an Alabama Tax Exemption Certificate Number.

Answer: THE COLLEGE WILL BE USING THE OWNER DIRECT PURCHASING PROGRAM.

Question: Does this project require that work be done at Prevailing Wage?

Answer: ALL WAGES SHOULD BE IN ACCORDANCE WITH THE DAVIS-BACON ACT.

Question: Is a bid bond required with the bid submission?

Answer: YES

Question: Will performance and payment bonds be required from the successful bidder?

Answer: YES

Question: Specifications Page 4 – Will you please specify the dates when fund raising events will occur that preclude installation work from being performed?

Answer: MARCH 2019: 2/22/19 – 3/17/19
JUNE 2019: 6/1/2019 – 6/16/19
AUGUST 2019: 8/17/19 – 9/1/19
DECEMBER 2019: 11/29/2019 – 12/15/19

Question: Specifications Page 4 – The bid specifications mention “Tower Modifications” as a part of the Antennas sib-project. Is this tower reinforcement work part of supplying the antennas and transmission line system for WSRE?

Answer: NO. IT IS MENTIONED ONLY FOR INFORMATION PURPOSES. THE TOWER OWNER WILL MANAGE THE MODIFICATION WORK.

Question: Specifications Page 7 – Would you please specify the desired ERP for the vertically polarized component of the post transition RF Channel 24 facilities? Would you please confirm that 859 kW is the required ERP for the RF Channel 24 horizontally polarized component?

Answer: SEE ATTACHMENT A, PEAK GAIN – H AND PEAK GAIN –V ON PAGE 8 OF SPECIFICATIONS TO DETERMINE H/V RATIO. (2ND PART) SEE POST-TRANSITION ERP ON PAGE 7 OF SPECIFICATIONS.

Question: Specifications Page 14 – Is the new transmission line system to be furnished with a dehydrator or will the existing dehydrator be reused? If the current dehydrator is to be used does it have sufficient capacity to maintain pressure for both the existing transmission line, after it is connected to the new interim antenna, and the new run of transmission line feeding the new antenna?

Answer: THE STATION HAS AN ANDREW XT4500 DRYLINE DEHYDRATOR WITH A CAPACITY UP TO 2,500 CUBIC FEET.

Question: Exhibit C Page 23 – Is the supply of the transmission line components from the new patch panel to the gas barrier just prior to the transmission line exiting the building to be supplied by the transmitter contractor or the antenna contractor? Who should supply the 50 to 75-ohm transformer?

Answer: SEE ATTACHMENT A, DEMARCATION ON PAGE 14. THE GAS BARRIER IS INSIDE THE TRANSMITTER ROOM ABOVE THE DROP CEILING.

Question: Exhibit C Page 23 – Can the dimensions of the existing cutout to be used for the new 8-3/16-inch transmission line be provided?

Answer: IT CAN ACCOMMODATE 8-3/16” LINE. PLEASE BE SPECIFIC ABOUT OTHER DIMENSIONS THAT MAY BE REQUIRED.

Question: Exhibit C Pages 23 and 24 - Can the antenna and transmission line installation identified as separate in Phases One and Two be performed in sequence to avoid an additional mobilization and the need to re-rig the tower?

Answer: SEE ATTACHMENT A, TIME IS OF THE ESSENCE ON PAGE 2 AND THE 4TH BULLET UNDER PHASE TWO ON PAGE 24. BIDDERS SHOULD MAKE THEIR OWN DETERMINATION WHETHER THEY WILL NEED AN ADDITIONAL MOBILIZATION.

Question: Exhibit C Page 25 – How much of the interior transmission line from the building entry to the existing channel 31 transmitter must be removed by the antenna contractor when the interim antenna and transmission line feeding it is removed from the tower?

Answer: SEE ATTACHMENT A, DEMARCATION ON PAGE 14.

Question: The bid refers to the supplier providing a patch panel. On page 13, the patch panel is specified as 4 ports. On pages 23 & 24, the migration plan (and both site drawings) refers to a 3-port patch panel. Please confirm if the supplier shall provide a 3 or 4 port patch panel.

Answer: A 3-port patch panel is required. The other reference is simply a specification for a 4-port if one is required.

Question: The legacy air cooled dummy load is rated at 25kW. The final transmitter configuration requested is 31kW. Shall a new dummy load shall be supplied with the 31kW system?

Answer: YES.

Question: Please confirm that the mask filter for both baseline (21.83kW) and purchase (31kW) transmitter configurations needs to be 8-poles.

Answer: 8-poles

Question: Please confirm if the transmitter supplier shall provide the transitions (4” to 6” and 6” to 8”) as part of the proposal.

Answer: YES

Question: The BID FORM refers to a “lower power” reference price and “higher power” bid price. Please clarify if the bid price is to be either:

- a. The actual/total price for the higher power transmitter system <or>
- b. The delta price to go from the lower power to higher power (i.e., out-of-pocket).

Answer: a. the actual/total price for the higher power transmitter system

Question: What is the deadline for operation?

Answer: SEE ATTACHMENT A, TIME IS OF THE ESSENCE ON PAGE 2, especially the 2nd bullet point.

Question: With the limited availability of Tower Crews during the FCC Repac, should modifications create a delay for the desired timeline, will the contractor be held liable for these delays?

Answer: If the tower structure has been made ready by the tower owner to accept the new WSRE antennas and lines, then YES the contractor will be held liable

Question: The current work schedule lies within Hurricane season, Should a hurricane or tropical storm occur, what will be the impact to contractor and contractors schedule.

Answer: If the tower structure has been made ready by the tower owner to accept the new WSRE antennas and lines, then it will be the responsibility of the contractor to manage the installation work schedule

Question: With regard to the reference of 31KW Post Filter; page 8 within Transmitter Upgrade; can you please clarify if bidder should supply a transmitter capable of 31K post filter ATSC 1 or ATSC 3?

Answer: At least 31 kW post filter ATSC 3

Question: Will PSC Electrician supply qty 4, 3” wall penetrations for the transmitter cooling hoses along with EC power and control conduit to externally located heat exchanger?

Answer: Yes, See ATTACHMENT A, Transmitter Electrical and Mechanical, on page 5.

Question: Directional pattern is stated, but we need to know what pattern. (we could get from FCC site, but better if they tell us)

Answer: Use the pattern on file with the FCC for Construction Permit File Number 0000027900, which is based on Electronics Research, Inc ATW17H3-HTC5-24H, Antenna ID: 1001726

Question: Percentage of vertical component. Spec only says elliptical.

Answer: SEE ATTACHMENT A, PEAK GAIN – H AND PEAK GAIN –V ON PAGE 8 OF SPECIFICATIONS TO DETERMINE H/V RATIO.

Question: There is some mention of reusing and retuning existing 8” elbows. If not spelled out in the spec can you find out the brand? (I.E. Dielectric, ERI, Myat, Other).

Answer: Replace the elbows and tune them as needed

Question: Has a tower crew been secured by ATC and If yes who is this crew?

Answer: That information should be available from American Tower Corporation

Question: Is a structural analysis, Mod design exist for the structure?

Answer: That information should be available from American Tower Corporation

Question: Are there any planned fundraising dates currently set within the construction schedule?

Answer: MARCH 2019: 2/22/19 –3/17/19
JUNE 2019: 6/1/2019 – 6/16/19
AUGUST 2019: 8/17/19 – 9/1/19
DECEMBER 2019: 11/29/2019 – 12/15/19

Question: Whom is the point of contact for the Tower Owner; ATC

Answer: Cyndi Byrd, Senior Manager of Broadcast, American Tower Corporation, 919-466-5008 office, 252-474-8237 mobile, cynthia.byrd@americantower.com

Question: Whom is the contact for WMPV sharing in the tower modification work.

Answer: That information should be available from WMPV

Question: For the required coax patch panel, would PSC consider a coax switch with switch controller and interconnect cables?

Answer: NO. The FCC will not reimburse the additional cost of a switch over the cost of a patch panel If a Transmitter bidder will require the new transmitter to be switched using a coax switch, then the Transmitter bidder shall provide a SEPARATE Quote for a new coax switch to accommodate the full rated power of the transmitter being offered.

Question: Does the ITB have any liquidated damages resulting from manufacturer delivery dates beyond contractor’s control?

Answer: SEE ATTACHMENT A, TIME IS OF THE ESSENCE ON PAGE 2, especially the 2nd bullet point. It is expected that each bidder understands that this is a hard deadline date. We reserve the right to assess damages based on failure to perform.

Question: We are including a bid bond with our response. Due to the estimated magnitude of the project, will a performance bond and its associated costs be required and included?

Answer: YES

Question: Will PSC allow Mobilization, Deposits, Progress, or Milestone billing or will billing and payment be lump sum at final acceptance?

Answer: The intention of this project is to pay upon completion, with the exception of Owner Direct purchase items. Any other payments may be discussed to the awarded contractor.

Question: When will does PSC expect the 10 ton AC unit to be removed to facilitate installation of heat exchangers.

Answer: It will be removed with enough time for the transmitter installation

Question: Will the PSC provide external BURK remote control interfacing, wiring, and programming be by contractor or PSC?

Answer: YES. WSRE will provide Burk interfacing, wiring and programming.

Question: Can PSC Provide make and model of provided test load along with description of coax required to connect from coax switch to test load?

Answer: The coax is 4-1/16". And Question 3 on page 1 answer: The existing load can be operated with 31 kW for short periods with additional cooling. If a Transmitter bidder will require the new transmitter to be operated continuously above 25 kW for testing purposes, then the Transmitter bidder shall provide a SEPARATE Quote for a new station load to accommodate the full rated power of the transmitter being offered.

Question: Can you provide make and model of existing Air Cooled transmitter?

Answer: Harris Diamond DHD90P3

Question: Can you please confirm Contractor will be responsible for providing and installation of the indoor and outdoor Cable Tray and supports required for routing, support, management, and protection of heat exchanger cooling hoses, power, and control cables?

Answer: If a Transmitter bidder believes that a cable tray is necessary for a neat and orderly installation, the Transmitter bidder should supply it.

Question: Will PSC personnel be available to offload and store system equipment on site within a secure and protected area or will contractor be required to receive, offload, and store all materials as they are shipped and arrive if prior to scheduled installation?

Answer: NO

Question: Will PSC provide receiving, offloading, and storage of transmitter equipment or should contractor include forklift delivery, rental, and pick up within its bid?

Answer: PSC will not provide any such services

Question: Will contractor be allowed to work extended hours and weekends during the installation phase?

Answer: YES

Question: Can PSC provide a brief sequence for the transition from current transmitter and the proposed replacement? It would be helpful to understand any critical dates, concurrent operation requirements of existing transmitter and any other related tower and antenna work.

Answer: It is believed that all such information is included in ATTACHMENT A, TIME IS OF THE ESSENCE on page 2 and Exhibit C on page 23.

Question: Will a Test load be available with interconnecting coax components, so transmitter can be commissioned into known good test load for commissioning?

Answer: The coax is 4-1/16". And Question 3 on page 1 answer: The existing load can be operated with 31 kW for short periods with additional cooling. If a Transmitter bidder will require the new transmitter to be operated continuously above 25 kW for testing purposes, then the Transmitter bidder shall provide a SEPARATE Quote for a new station load to accommodate the full rated power of the transmitter being offered.

Question: Can PSC Please review standard transmitter installation site conditions for any requirements which may be outside and additional to normal installation services (as listed below)?

- A. any customer delays or issues that delay the project once INSTALLER personnel are on site will be charged to the customer at INSTALLER Standard rates plus expenses.
- B. all supplied equipment has been delivered to site prior to INSTALLER installation arrival.
- C. site access a minimum of 7 days a week and 10 hours per day.
- D. there is adequate space within the facilities to support the installation of all supplied equipment without the removal of any existing equipment.
- E. adequate and proper space existing external to the building to support cooling system.

- F. appropriate electrical and HVAC work to support new equipment has been completed prior to installation work start.
- G. customer hired electrician shall be on site day of or day after INSTALLER arrival to site to discuss equipment layout and final AC connection to each.
- H. electrical work can be completed without delaying installation and commissioning of equipment.
- I. delays that a considered customer delays can be charged to the customer at INSTALLER daily rates plus expenses.
- J. customer qualified staff shall be available to support INSTALLER Service Representatives with appropriate site access and other needs as they arise.
- K. customer's antenna connection is within 10 linear ft of location of RF mask filter unless otherwise specified.
- L. customer to supply appropriate acetylene and oxygen tanks for all soft solder and welding requirements.
- M. Station will have a pallet Jack suitable for moving around and setting cabinets and Heat exchangers
- N. Station will have Ladders on site suitable for operating at facility interior ceiling elevations.
- O. Standard HOTEL Rates. Seasonal or Rates beyond Hotel allocation will be billed at COST plus 15%
- P. NO DESIGN Changes, Additional Materials, Primary, or 3rd Party material repairs.
- Q. all work can be completed within single mobilization and within initial time allocations. Additional mobilization, additional crew days, all related travel and lodging expenses will be charged at INSTALLER daily rate plus expenses.
- R. Scope is based on Drawings provided at time of quotation. Revisions and changes subject to additional charge should any modifications, improvements, additions are made to drawings after price proposal has been submitted.
- S. RT travel from INSTALLER to Customer location. INSTALLER may elect to fly and ship tools at its sole discretion.
- T. Offloading equipment LULL extendable boom or equal, 15yd onsite dumpster per cabinet to be provided for debris disposal prior to installation start date.
- U. Does not include any disposal of any equipment that may have been removed during installation process. Customer shall be responsible for proper storage or disposal.
- V. Does not include Installation or Commissioning Services of any INSTALLER supplied equipment as related to towers, antennas or transmission line from tower to building.
- W. Does not include any work beyond commissioning and operational testing. Customer will be responsible for interfacing Remote control, interlocks, and all other external equipment.
- X. Installation Does not require exterior wall penetrations, Ice Bridge, Electrical, or mechanical additions or modifications unless otherwise specified by customer.
- Y. INSTALLER will assist Customer with Video Input, Remote Control, Network, and Interlock locations; however, customer not INSTALLER will be responsible for all associated wiring, commissioning, programming, and labor related to devices outside the transmitter cabinet.

Answer: The intent is to solicit a contractor managed turnkey project with lump sum pricing. Any of the above terms and conditions that conflict with the concept of a contractor managed turnkey project may be cause for rejection of a bid. PSC will entertain requests for a site visit if a bidder believes that is necessary to develop a lump sum price for a contractor manage turnkey project.