

GS# 529-004, Tower Repack (Various) – Mississippi Authority for Educational Television – 7/17/19

Jackson, MS

Site visits were completed on August 21 and 22, 2019. The deadline for submission of bids is still August 29 at 02:00 PM (CDT). See Project Manual for details.

This addendum is being sent to all known plan holders as of 8/27/2020. The current known plan holders are:

- Dielectric: Jim Thomason (Jim.Thomason@dielectric.com)
- Electronics Research Inc: Joe Wozniak jwozniak@eriinc.com
- GatesAir: Sotto, Charles Charles.Sotto@gatesair.com
- Hitachi Comark: Michael Roosa MRoosa@comarktv.com
- Jampro Antennas: Mark Fehlig Mark.Fehlig@jampro.com
- Micronetixx antennas: George Harris gharris@micronetixx.com
- Rhode & Schwarz: Greg Martin Greg.Martin@rsa.rohde-schwarz.com
- Daily Journal of Commerce: Naquin, Becky bnquin@nopg.com
- Dodge Data & Analytics: Brandi Flanagan brandi.flanagan@construction.com
- Dodge Data & Analytics: Nichol Cadiz NICHOL.CADIZ@construction.com
- Technical Services Group, Inc.: Derek Luce Derek@tsgcom.com

The deadline for receiving Questions was Monday August 26, 2019 at 11:59 PM (CDT); no additional questions will be entertained.

Addendum No. 5, 8/27/2019 Questions / Comments	Answers / Replies
The following questions were received prior to the deadline but were overlooked during the preparation of Addendum No. 4.	
WMAW	
1) Will MPB consider alternate layout including reducing current 2 cabinet IOT transmitter to single cab IOT transmitter to allow reutilization of existing concrete pad & already installed ice bridge? Doing so would result in considerable cost savings.	Yes, it would be considered, provided that the alternate layout does not involve any additional time off the air than the placement specified in Section 13. Lost airtime is more important than cost savings.
2) Will MPB consider alternate transmitter layout including relocation of FM 25 kW power supply to more ideal location within facility at considerable cost savings to MPB?	Yes, it would be considered, provided that the alternate layout does not involve any additional time off the air than the placement specified in Section 13. Lost airtime is more important than cost savings.
3) Can MPB please supply the current heat load of existing Continental FM transmitter?	Unknown. The contractors are not being held responsible for mitigating the heat load. It is preferred that the contractor turn off the legacy TV transmitter to operate the new transmitter between midnight and 6am to offset the additional heat that would be produced with two transmitters, if necessary.

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4) Noted the power distribution at MPB does not support the necessary power required for installation of specified transmitter as currently configured, will MPB consider consolidating loads to either of the 400 amp panels to facilitate the minimum power requirements for specified transmitter?	Yes, it would be considered, provided that the alternate layout does not involve any additional time off the air compared to other solutions.
5) Does MPB require a new system load to be included or use of existing? If existing, please specify.	Bidders should include a new load to match the output of the new transmitter and frequency.
6) Can MPB supply current AC power load of existing FM HD transmitter?	42 kW nominal
7) Can MPB provide AC power consumption of pre-repack TV transmitter?	184 kW
8) Will proposed heat exchanger location for new transmitter require an ice bridge as none is currently present at specified location?	Yes, Appendix C-4 shows this requirement.
9) Will contractor be responsible for pouring concrete pad at specified new location?	Yes, the electrical contractor will have this requirement.
10) Would MPB consider reducing to a single IOT to facilitate additional AC power from existing distribution system?	Yes, it would be considered, provided that this solution does not involve any additional time off the air. Lost airtime is more important than cost savings.
11) Can MPB describe the Demark for the transmitter RF output installation?	See Division 13, page 18
12) 75 ohm to 50 ohm conversion: Does MPB require a flash cut and is contractor required to be present to facilitate that flash cut?	Yes, unless the bidder proposes an alternative solution using switches and/or patch panels.
13) The dummy load cannot be reused from the Sigma. Will a new dummy load be required?	Yes.
14) Will contractor be required for connect incoming signals to the transmitter?	Yes, but MPB will extend source wiring to the transmitter.
15) Will contractor be required to interface remote control to new transmitter?	Yes.
16) Will contractor be required to terminate facility interlocks?	No.
17) Will contractor be responsible for decomming all Legacy transmitters currently within the facility after the completion of installation of new transmitter?	See Division 13, page 9
WMAE	

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1) Can contractor use existing 120 amp breaker and partial conduit run previously used by Legacy Diamond CD Transmitter?	Yes.
2) Will contractor be providing new system load?	No.
a. If contractor is not providing new system load, will contractor be allowed to use existing 25 kW load (under assumption this equipment is operational)?	Yes.
3) Will contractor use existing LEA surge suppressor which currently has unknown condition? Or will contractor provide a new surge suppressor with installation of new transmitter?	This would be related to bidders of the transmitters. A new surge suppressor is required if recommended by the transmitter manufacturer.
4) Will contractor be required to add either a 20 amp breaker or safety disconnect for either new or existing surge suppressors as we currently note existing surge suppressor are disconnected?	Yes, if recommended by the transmitter manufacturer.
5) Can MPB describe the Demark for the transmitter RF output installation?	See Division 13, page 18
6) Will contractor be responsible for decomming all Legacy transmitters currently within the facility after the completion of installation of new transmitter?	See Division 13, page 9
WMAB	
1) Will contractor be responsible for decomming both transmitters in the location specified for installation of new transmitter as well as the other existing transmitter within the WMAB building?	See Division 13, page 8
a. Does WMAB require a system load?	No
2) Can MPB describe the Demark for the transmitter RF output installation?	See Division 13, page 18
WMAB-FM	
1) Is elevator operational?	No.
2) Require new dehydration and pressurization equip for new antenna?	No, connect to existing pressurization system.
3) Will require line sweep as proof of performance for proposed new antenna?	Yes
4) Due to current backorder of repack antennas, coax, parts, subcontractors, existing schedules and other resources, contractor may not be able	PROPOSAL FORM, SECTION 00300, page 7 of Division 0 states: "I propose to complete all work in accordance with the Project Manual and

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to guarantee requested completion dates by no fault of contractor.	Drawings within 120 consecutive calendar days for the sum of:"
What provisions and/or responsibilities will contractor have should material delays prevent contractor from meeting desired completion dates?	See Division 0, item 8.3 on page 20
	End of Addendum No. 5