

**Mississippi State University
Request for Proposals 20-76
Broadcast Control Room Upgrades**

Questions and Answers

Please see the following questions received and the corresponding answers. Use the information here to respond accordingly. Please note that we are replacing the original Excel Sheet with a revised version "MSU 20-76 BID FORM V2".

1. Several sections/options in the spec are replacing or adding to an existing infrastructure. Are as built drawings available to ensure all the required cabling, interfaces and equipment is included in each proposal?
 - Not required for this bid. The engineering work is being handled by the University.
2. How would you like integration costs (i.e. cables, connectors, misc. materials) identified within the proposal for the base bid (there is no line item)
 - There is no integration cost needed. All items required to integrate into the system will be provided by the University.
3. In addition, how should installation, materials and labor be identified for each option?
 - There is no integration cost needed. All items required to integrate into the system will be provided by the University. Line item #22&23 indicated the 80 hours and 10 days allotted for labor and travel.
4. Replay Upgrade - Is an Avocent KVM required for this upgrade?
 - No, user stations are already in place.
5. Replay Upgrade - Are any SFP's required for this device?
 - No
6. Router Upgrade - With the change in the router, will there be required changes/increases for the new video ins and outs?
 - Only the items listed in line items 5-8.

7. Router Upgrade - Will the router need to be realigned? There might be non-embedding cards in the router now.
 - Will be performed by the University
8. Router Upgrade - Will the ADMX card be able to handle the new Video Cards TDM feeds?
 - Yes
9. Graphics Upgrade - Is the Avocent KVM specified here part of a larger Avocent KVM network or a standalone point to point device?
 - Yes, please provide the parts indicated.
10. Graphics Upgrade - Is the Hi5-4K-Plus the correct conversion device? This is a quad split 3G device.
 - No, this should be the Hi5, not the 4K-Plus.
11. Graphics Upgrade - What is the cable distance between the Xpression computer and the user station?
 - This will only concern the University as they are installing.
12. Option 1 Multiviewer Upgrade - Are new monitors part of this upgrade? If yes, will the new monitors need HI5 or some other type of conversion?
 - No monitors required.
13. Option 1 Multiviewer Upgrade - Will the network connections to the new VIPX card be handled by others?
 - Yes
14. Option 1 Multiviewer Upgrade - Will the Power supply of the 7800 tray handle the new Card? There are limitations. What is in the frame now?
 - Yes
15. Option 3 Intercom Upgrade - Is a rack mount kit for the Tif-2000A required?
 - Not required
16. Option 4 Color Correction - What backplane is required for the Colbalt 9980-2CSC-3G?
 - RM20-9980-A/S

17. Option 6 Dante Interface - The Rio3224-D is specified as a quantity of zero (0). Is this correct? If yes, is pricing required?
- This is just for pricing consideration and the ability to choose between units.
18. Option 6 Dante Interface - Will the ADMX card have the available connections for the DANTE TDM connections?
- Yes
19. Option 6 Dante Interface - What is the distance for the Scorpion to the ADMX?
- 20'
20. Please elaborate on the statement found on the RFP Pricing Form, Inventory Allocations tab, Integration subtotal – “All Material will be provided by the owner” – Does this include the following (Cable, Connectors, Consumable supplies such as zip ties, Velcro, electrical tape, labels, etc.) If not, should a row be added or do you want to send out an updated RFP Pricing Form excel sheet?
- All the materials mentioned here will be provided by the owner. “All Material will be provided by the owner”
21. Is the university exempt from state sales taxes? If not, there appears to be nowhere on the RFP Pricing Form to apply estimated sales tax. What is your instruction regarding sales taxes?
- Yes, the university is tax exempt. Attached is our tax-exempt information.
22. There are not rows for adding any integration to any of the options. What is your instruction regarding integration labor and applicable travel for the options?
- As listed in the bid, line item 22 & 23, we are only looking for a single tech for 80 hours over the course of 10 days for added support to the University.
23. There appears to be no location on the RFP Pricing excel sheet to enter estimated shipping or freight. What are instructions regarding shipping? Do you want it included in the line item pricing, or shown separately? If separately – where on the RFP Pricing Excel form would like it shown?
- You can add a line below the bottom line on the inventory sheet for shipping cost.
24. Can you please confirm the current Evertz DreamCatcher inventory at MSU and provide details on the planned workflow following the upgrade? There seems to be some confusion based on Evertz’s records and the As-Built drawings that were provided.
- Check with Brandon Law @ Evertz, was done with his assistance.

25. What skillset are you requiring for the 10 days of On-Site Support? A Broadcast Lead Technician, or a Broadcast Field Engineer? Are you expecting Wiring and Installation assistance, or will you the University require Configuration and Commissioning assistance, or a combination of both Services from the Vendor?
- They will need to be fluent in terminations. They will assist in the wiring and termination of the equipment.
26. Regarding the REPLAY UPGRADES. Will there be any additional KVM Gear or Monitoring equipment required for this Replay user station?
- No
27. Regarding the GRAPHICS UPGRADE. Is the end goal to provide a total of three Dual Channel XPression CGs? Where will this 3rd CG Operator position be located? The HMX-5000/6000 devices cannot be managed by the Avocent HMXMGR in the existing HMX1000/2000 network. The HMX-5200 set can be wired directly together to serve as an extender. Is this the intent?
- The 3rd channel will be run by the switcher.
28. Regarding the OPTION 1 MULTIVIEWER UPGRADE. The As-built drawings show that the MIV 2 rear plate's second card slot may be open to accommodate an additional 7867VIPX-16x2 card. Can this be confirmed?
- Yes, this is confirmed
29. Regarding the OPTION 3 INTERCOM UPGRADES. What Venue will the BTR-800 Wireless System serve? If this a remote venue (from the Intercom Frame), are there Fiber circuits, and Fiber Audio interfaces available to serve this BTR-800?
- Only items needed are listed in RFP.
30. Regarding the OPTION 6 DANTE INTERFACE, where is the Yamaha Rio1608-D stage box to be physically located? If this is to be located at a remote Venue? If so, has the DANTE Network connectivity been established at this Venue?
- Only items needed are listed in RFP.
31. Is it allowable to put the additional CG and slo mo outputs at the end of the router inputs on VJF64-CD and VJF 64 EF (drawings page 32)? If not, please direct us to how the I/O should land on the patch bays. Also, do the router inputs need to have all of the CG and slo-mo I/O grouped together or is it allowable for the new I/O to be placed on the new router cards?
- This will be handled by the University. The only labor is the 80 hours request to assist the University.

32. The Cobalt Color Corrector in Option 4 is card based. Are there available slots in an Open Gear frame or will a frame need to be provided for this card?
- A frame will need to be provided for this card.
33. Option 6 lists (2) Yamaha RIO units, one of which has a quantity of (0). Please help us understand the intent for these units. Where are the frame(s) to be located?
- This is for pricing purposes.
34. Some options require installation work. What is the preferred method for showing the integration pricing for the options and the additional freight amounts?
- Integration is being handled by the University as stated. You may add a line below the total on the front page for shipping.
35. Please define any furniture console additions that may be required.
- This is being handled by the University.
36. Are any new monitors needed to support the additional multiviewer capability in Option 1?
- No
37. With the addition of 8 inputs for the replay system has thought been given to an additional operator? If an additional operator is required, please detail the associated equipment and furniture to be provided in order to support this operator.
- Operator stations are already in place.
38. You have added DAs for the new CG. Are DAs required for the additional outputs of the CG and Clips player? Are DAs required for the additional Dreamcatcher I/O?
- Only as indicated in the bid form.