

# ANTHONY JAMES PARTNERS

Attn: All Proposers  
From: Michael Martin, Director of Broadcast, Anthony James Partners (AJP)  
Cc: Eric Grainger, Anthony Hopkins, Frank Moraski, Mike Rowe, Charlie Cramer  
Re: KFC YUM Center Broadcast and Broadcast Cable RFI Responses  
Date: 03.18.21

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All,

Please see RFI Responses below for The KFC YUM Center Sound System RFP: KFC20-1626.

1. Notes from AJP and Changes in the "Addendum 1 Bid Form"
  - a. The Ross Control Room Changes
    - i. Graphite was changed to the Carbonite Ultra.
    - ii. Single Channel XPressions.
    - iii. Mira is more defined.
  - b. Bid form was corrected with items spelled out in the RFI below.
  - c. This is a 1080P Resolution for this bid.
  - d. Depending on the LED Front End Chosen, you will have to integrate the control room with the front end. This is all located in the same room and all racks are OFE. The conversion gear is the responsibility of this scope no matter who the chosen LED Front End is awarded to.
2. How many SMPTE channels are required between patch room and control room? Bid form indicates (9) / Drawings show (6)
  - a. A total of (6) is required. Please see the Addendum 1 bid form.
3. Can you confirm how many strands of Singlemode fiber are required between Patch Room and Control Room?
  - a. There is to be (24) Strands of Single Mode and (6) Channels of SMPTE.
    - i. (2) 12-STRAND SINGLE MODE FIBER
      1. BELDEN FDSD012A9
    - ii. (2) 3CH SMPTE STADIUM CABLE
      1. BELDEN 4824R
4. Can you confirm how many strands of Singlemode fiber are required between Patch Room and Front of House?
  - a. There is to be (24) Strands of Single Mode
    - i. (2) 12-STRAND SINGLE MODE FIBER
      1. BELDEN FDSD012A9
5. Where is the installation location for the Front of House Singlemode fiber bulkheads?
  - a. Will be in the FOH Rack. Coordinate with eh Audio SI for exact final location.
6. There are (2) vented tops in the Patch Room Interface section although there is only (1) rack. How many vented tops are required?
  - a. A total of (1) is required. Please see the Addendum 1 bid form.
7. Where is the far-side termination point for the 6-strand PTZ-401 catwalk fiber?
  - a. This will terminate into the TOC.
8. How should the other end of the 6-strand PTZ-401 catwalk terminate? CCH vs. 1ru ST bulkhead
  - a. 1 RU ST Bulkhead
9. PTZ-401 Catwalk detail shows a fiber transmitter. Will this be provided by the project?
  - a. There should be a pair of Thor F-M1SDI-3G-TX/RX-ST for each PTZ and POV as outlined in the bid form.
10. Is there available space in all existing JBT triax panels for (3) SMPTE connectors?
  - a. Would need to field verify, but plan on providing a bulkhead in case there is not.
11. If not, can you please provide a list of those locations that do not have (3) open inserts?
  - a. You are cable to schedule a walk to measure and verify lengths.
12. If there is not space for (3) SMPTE connectors at a JBT location, how would you like us to proceed? Install fewer channels vs. add an enclosure...
  - a. Depends on location, would take this on a case by case basis.
13. Are there drawings that indicate the JBT conduit pathways within the facility?
  - a. There are no available drawings.

14. Are the existing Patch Room – Control Room triax ties to be removed or remain?
  - a. They are to remain in place and operational.
15. Arena Audio RFP requests 1 electronic proposal to Anthony Hopkins and 1 electronic proposal to AJP, while Video Production RFP requests 3 hard copies & 1 electronic copy to Anthony Hopkins and 1 electronic copy to AJP. Please confirm that hard copies are required for Video Production proposal response.
  - a. Please provide 1 electronic proposal to Anthony Hopkins and 1 electronic proposal to AJP.
16. Will onsite parking be provided for this project?
  - a. Yes, within reason and in consideration of other projects occurring at the same time.
17. Will onsite secured storage or space for storage be made available if necessary?
  - a. Space will be provided within reason, but arena assumes no responsibility for anything left in storage on site
18. Is this project subject to sales tax?
  - a. No, this is a Tax-Exempt project.
19. Is this project subject to union or prevailing wages?
  - a. No. Standard wage.
20. Is waste disposal provided for this project?
  - a. This should be apart of your bid as it is the responsibility of the individual companies for removal of their waste products.
21. Both proposals request pricing for additional years of warranty. Please indicate how you would like their communicated in your pricing sheet.
  - a. Please see the addendum bid form. A section was added for this.
22. The www.arenaauthority.com site mentioned in the 1.24 MBW/WBE/VBE Participation section does not load after several attempts. Please provide more information on the Louisville Arena Authority Affirmative Action Policy.
  - a. Apologies that website is no longer active – use this link instead:
    - i. <https://www.kfcyumcenter.com/assets/doc/Affirmative-Action-Policy-c161d4605c.pdf>
23. Are there any JBT boxes in other areas of the facility that will need upgrading besides the ones in the drawings and schedule?
  - a. Only the JBT's and cables listed in the Broadcast Cable drawings and bid form will be upgraded in the project.
24. Which operator stations will require router control panels?
  - a. Only the shading station will require a router panel, all else will use Dash Board.
25. The Technical Specifications documents mention OFE equipment. Please provide information on the OFE equipment that will be reused.
  - a. All JBT Boxes and Racks are existing "OFE" gear. The two exceptions for this project are:
    - i. PTZ Box for fiber termination and TX.
    - ii. Patch Room rack added for this project's cables. This rack can be found in the broadcast cable tab of the bid form.
26. What is the manufacturer and model number for the existing triax plates?
  - a. All verifications should have been made on the site walk through or from an additional site survey.
27. Is a splice tray mounted on the inside back of the JBT sufficient, or should we provide a rack-mounted tray for SMPTE fiber splices?
  - a. A splice tray on the rear inside is acceptable.
28. What is the depth of the existing JBT boxes?
  - a. All verifications should have been made on the site walk through or from an additional site survey.
29. Can the site be made available for OTDR distance testing for cable pulls prior to the response due date? If so, who is the appropriate contact to arrange this visit?
  - a. Additional site visits are allowed, and you confirm measurements and locations. Arranged can be made by contacting Anthony Hopkins (email below) along with coping myself and Charles Cramer Please refer to calendar here to coordinate around arena events:
    - i. Anthony A. Hopkins <ahopkins@kfcyumcenter.com>
    - ii. [Calendar | KFC Yum! Center](#)
30. Is there any equipment other than intercom required for the FOH operators from the broadcast scope?
  - a. No, intercom is provided from Broadcast, and there are tie lines in the broadcast cable tab.
31. How many audio ties are required between the audio and broadcast systems? Will the Rave breakout module provide sufficient audio I/O?
  - a. Audio to FOH should flow through the Dante System.

32. What is the training requirement for the Mira replay system?
  - a. Please see "Addendum 1 Bid Form" for clarification.
33. Please clarify the number of video monitors required for the Mira replay system.
  - a. (2) Monitors are required.
34. Are the network switches OFE? If so, please confirm the manufacturer and model number of the switches being provided.
  - a. The are contractor provided and has been corrected in the "Addendum 1 Bid Form"
    - i. Cisco WS-C3650-48TS-S (Or Equivalent)
35. Please confirm the quantity of AJA FS-4s required.
  - a. (1) FS-4 is required. The POV and PTZ will use a Ross SFS-662-A for syncing into the system.
36. Which operator positions require Marshall AR-DM51-B audio monitors?
  - a. Replay
  - b. Audio
  - c. QC
  - d. Shading
37. Will the AV integrator be able to store a 20-30-yard dumpster in the dock for a few months, while working onsite?
  - a. Yes, but may have to have picked up around events that take place.
38. Would it be possible to maintain a shipping container in the dock, for secure storage of equipment during the onsite installation?
  - a. Yes – size and location to be agreed upon
39. What will happen to the equipment the arena does not want to keep?
  - a. Assume removal and disposal. Owner may retain some components. Scope of components to be retained is TBD.
40. How many hours per day will the arena be open for the installation team?
  - a. No limitations other than limited work on event days
41. Will Saturday and Sunday be open for work in the Arena?
  - a. Yes, if it does not interfere with an event.
42. Will all the existing equipment racks be reused?
  - a. Yes, all racks are OFE except the addition of a rack in the Patch Room that can be found in the Broadcast Cable tab.
43. Please provide a copy of the mandatory site meeting sign-in sheet.
  - a. See attached.
44. What are the locations of all the existing JBT boxes being updated in the Arena facility?
  - a. This was shown on the site walk through. Additional site visits are allowed, and you confirm measurements and locations. arrangements can be made by contacting Anthony Hopkins (email below) along with coping myself and Charles Cramer Please refer to calendar here to coordinate around arena events:
    - i. Anthony A. Hopkins <ahopkins@kfcyumcenter.com>
    - ii. [Calendar | KFC Yum! Center](#)
45. During the demolition, will the old cable need to be removed from the conduits?
  - a. Only if you need to use them to pull in the new cable, all existing cables to the JBT are to remain intact. If you use them to pull, you are required to re-terminate and test. Same goes if you damage a cable in the process.
46. Is this a project requiring participation from any labor unions?
  - a. No, not required on this project.
47. Are prevailing wages required for this project?
  - a. There is not.
48. Is there a specific request for training or event attendance at the end of the installation and commissioning of the video system?
  - a. There is training as spelled out below and commissioning is a given on all systems. There is a requirement in the specifications for (3) problem free events to be attended. These events have to be consecutive and if there is an issue with the product or installation, the 3 event clock restarts until such time as there is (3) consecutive events.
49. Is there any specific training being requested by the equipment manufacturers?
  - a. Manufacture training expected is:
    - i. Cameras
    - ii. Switcher
    - iii. CG

- iv. Replay
  - v. Router
50. Video Router Single Line Drawing BC3.00 illustrates flyoffs for network connections between the video router and the Net Switch-01 and Net Switch-02 devices on Drawing BC3.10. Drawing BC3.10 has not been included as part of the BC-series drawings. Please provide the missing drawing illustrating the connectivity.
- a. This would just be a drawing of a switch with ports and fly offs. More important is that it already tells you which switch it should go to.
    - i. Switch 1 – House IT (Internet)
    - ii. Switch 2 – Broadcast Signals
    - iii. Switch 3 – Control Network
    - iv. Switch 4 – Dante Primary
    - v. Switch 5 – Dante Secondary
51. Video Router Single Line Drawing BC3.01 illustrates flyoffs for audio connections between the CCU 02 and CCU 03 and an audio router device on Drawing BC3.14. Drawing BC3.14 has not been included as part of the BC series drawings. Please provide the missing drawing illustrating the connectivity.
- a. This is no longer required as the audio is embedded in the video cable.
52. In the JBT section, the Fiber is Plenum, but the SMPTE is direct burial. Is plenum required?
- a. I don't know what you are speaking of, this is an Outdoor/Indoor arena. But I am sure if you look at the "Addendum 1 Bid Form" you will see a set of cables more suitable for this application. And to answer your next question, yes, I do require that the fiber cable be armored to better protect it in the cable trays.
    - i. Belden FSDL0126D
    - ii. Belden 7824R
53. The design is based around RS485 for PTZ cameras. Is there a need for the cisco switch under PTZ CONTROLLER?
- a. The switch as been removed in the Addendum 1 Bid Form.
54. Only one Middle Atlantic Rack is in the equipment list (Patch Room Interface). Are all other racks Owner Furnished?
- a. This is correct.
55. Open Gear frame(s) missing to house SFS-6622-A cards. Are those Owner Furnished? (also missing on rack elevations)
- a. Open Gear frame is located on line 196, please add additional frames if count exceeds housings capabilities.
56. The engineering/shading rack-mounted console surface shown on page BC5.03 is not included in the equipment list. Is this Owner Furnished?
- a. This is contractor furnished as shown in the drawing package. Please see "Addendum 1 Bid Form"
57. The "Edit Suite" shown on page BC1.01 is not reflected in the equipment list. There is no gear or console specified. Is this in the Broadcast scope?
- a. This is shown as reference only.
58. Is there a need to integrate any of these systems into the ACCN facility?
- a. (2) Router Outputs and Inputs will need to come from the ACCN equipment. When the time comes, we will work with UofL for integration.
59. Do cases need to be included for the Tripods/Heads
- a. No cases are needed at this time.
60. Will drawings be released showing placement of JBT106,107,108?
- a. JBT's were shown on the site walk through. Additional site visits are allowed, and you confirm measurements and locations.
61. Will drawings be released showing placement of JBT401 and PTZ401?
- a. PTZ will be located when the SI is awarded, JBT 401 was shown on the site walk through. Additional site visits are allowed, and you confirm measurements and locations. Arranged can be made by contacting Anthony Hopkins (email below) along with coping myself and Charles Cramer Please refer to calendar here to coordinate around arena events:
    - i. Anthony A. Hopkins <ahopkins@kfcyumcenter.com>
    - ii. [Calendar | KFC Yum! Center](#)
62. Confirm all JBT boxes and racks will be provided by others. (PTZ JBT and 1x Patch Room Interface Rack)
- a. All JBT Boxes and Racks are existing "OFE" gear. The two exceptions for this project are:
    - i. PTZ Box for fiber termination and TX.

- ii. Patch Room rack added for this project's cables. This rack can be found in the broadcast cable tab of the bid form.
- 63. Confirm QTY (10) UPS (item 212) is correct.
  - a. R1(1), R2(1), R3(1), R4(2), R5(2), FC(1), RC(1) and (1) Spare.
- 64. Confirm Switches (5) are Owner Furnished.
  - a. They are contractor provided and that has been updated in 'Addendum 1 Bid Form'
- 65. Will drawings be released showing cable pathways to JBT locations?
- 66. Spec calls out "1080P HDR" workflow. Please confirm AJA FS4 is correct (as opposed to FS-HDR)
  - a. The FSR4 is correct, future workflows will transition this to 'HDR' for this project, we will be 1080P for the resolution.
- 67. Is the Cisco switch (item 70) required? POV workflow is RS485?
  - a. This have been removed in the new Bid Form.
- 68. Confirm need for items 269, 270. No audio infrastructure or console is in this spec.
  - a. Correct, they have been removed in "Addendum 1 Bid Form"
- 69. There was talk of this project transitioning from a Graphite to a Carbonite/Xpression combination. Is this true and will updated specifications/equipment list be released?
  - a. Please see "Addendum 1 Bid Form"
- 70. No Ross RCP-QE Panels are currently specified. Is this correct?
  - a. Yes, the plan is to use a Dashboard version. Camera RCU control of router will need to happen with the Ross GPI card to trigger router change for shading.
- 71. Will the integrator need to interface with any existing equipment? Will re-commissioning of any existing equipment be required?
  - a. The existing racks and the existing JBTs are the only OFE equipment to be used. The Broadcast Cable that is currently in place is to remain intact as is. If you need to pull back a cable to get new cable in, you are required to re-terminate and test that cable.
- 72. Is there a more specific video production specification as it appears that the one provided in the download link is geared toward the LED boards?
  - a. A link to the package is here, the Audio/Broadcast package are combined in the drawing package.
- 73. For SMPTE terminations located in the JBT should we include a surface mount splice box and mount it to the back of the JBT to breakout to SC and AMP connector to provide protection and allowing for quick field replacement?
  - a. Yes, this would be preferred, although a direct fusion splice is acceptable with a splice tray located on the back.
- 74. Please provide a facility schedule of confirmed and tentative events.
  - a. [Calendar | KFC Yum! Center](#)
- 75. The terms and conditions have no cap for liquidated damages. It is our understanding that this cannot be open ended and must be capped. Please provide updated language.
  - a. Language is industry standard. No cap is currently intended.
- 76. Please provide a list of existing OFE equipment.
  - a. The existing racks and the existing JBTs are the only OFE equipment to be used. The Broadcast Cable that is currently in place is to remain intact as is. If you need to pull back a cable to get new cable in, you are required to re-terminate and test that cable.