

ANTHONY JAMES PARTNERS

Attn: All Proposers
From: Charlie Cramer, Broadcast and IT Engineer, Anthony James Partners (AJP)
Cc: Eric Grainger, Anthony Hopkins, Frank Moraski, Mike Rowe, Charlie Cramer
Re: Addendum 1 - KFC YUM Center Sound System RFI Responses
Date: 03.18.21

All,

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

- 1) Where is the expected location for the ANN announcer mic plate in the control room?
 - a) The ANN announcer mic plate will be located under the counter below the window. Exact location will be field verified and confirmed with the Owner.
- 2) Where is the location of the RPA-I/O plate in the control room?
 - a) RPA I/O will be installed in MIX RACK-L in the control room.
- 3) Please verify that the intended location for the Core 510 is in the FOH racks. It is shown in the control room on a line drawing, but not in the rack riser drawing. It is shown on the catwalk in the network line drawings.
 - a) The Core 510i will be installed in rack ER-8A1.
- 4) Is the audio integrator responsible for the 12-strand fiber run from the dock by the video control room to the ER-7 Rack or is that the Broadcast integrator's responsibility?
 - a) The Broadcast System Integrator is responsible for the 12-strand fiber run from the dock by the video control room to the ER-7 Rack.
- 5) The network switches on the catwalk cannot be tied together On the C3000 switch at FOH. Is it the responsibility of the audio integrator to provide all necessary hardware to complete the missing network pieces? The drawings only show the catwalk switches going to the fiber patch bay.
 - a) It is the responsibility of the audio integrator to provide all necessary components required for a complete, functional sound system. This includes, but is not limited to, network hardware and components not shown in the design documents.
 - b) All new and existing switches must terminate to the facility fiber core switch. According to the As-Built drawings from the most recent system upgrades, there are seventeen (17) open ports available for fiber from the new switches.
- 6) There are 9 additional audio racks not in the drawings that are dependent on the bowl audio system to function for events. Is it the audio integrator's responsibility to maintain the current functionality of those subsystems?
 - a) Full functionality as originally designed for all audio sub-systems within the KFC YUM Center must be maintained and integrated with the new Arena Bowl sound system. It is the responsibility of the audio integrator to maintain and demonstrate function and integration of the new and existing sub-systems for final project acceptance.
- 7) The 3 radio receivers shown in the FOH rack riser are currently distributing radio reception to the venue over BSS London. The radio's audio is currently selectable in the meeting rooms and is used for functions such as Thunder over Louisville. This is accomplished using DSP that is being removed at FOH. Is the expectation that this functionality will be preserved?
 - a) Full function of existing sources including the (3) radio receivers mentioned above must be preserved.
- 8) There is currently a provision to provide an "announcer" microphone at FOH and auxiliary inputs at FOH and assign them to each zoned area through the venue. This is for large events in multiple rooms that need global and selective paging and the ability to send aux inputs to those zones selectively. Is it the expectation this functionality will be preserved?
 - a) Yes.
- 9) Since wiring is already connected and fully functional on amplifiers for Halo speakers, is the expectation to add barrier strips and re-terminate new wire to the amplifiers in that rack or can left as they are currently wired?
 - a) Halo speakers may be left terminated as is unless there is a need to move the amplifiers. In that situation terminal strips within the associated amplifier rack(s) must be added as shown.
- 10) Where is purpose of the Core 8 Flex? It is shown in rack ER8C1. We could not find it on a line drawing for that rack.
 - a) The QSC Core 8 Flex may be deleted.
- 11) The ALS transmitter is shown in Rack ER-7B1R on AV5.03, then shown in rack ER-8D1 on AV9.01. Where is the expected location?
 - a) The ALS transmitter will be installed in rack ER8-D1.

- 12) 208V 30A 3-phase Breakers are specified for the Lyntec panel amplifier circuits and rack receptacles are specified as L5-30, which should only be 120v, not 208v. All of the 208v power cable options for the Labgruppen amplifiers are for 20A, not 30A. Should the breaker/amplifier design be 125V at 30amp or 208 at 20A? Also, please verify the expected breakers are single or 2-pole, not 3 phase.
- a) [The breakers for the amplifier circuits should be 208 VAC, 20A, 2-pole, NOT 3-Phase.](#)
- 13) The distribution amplifiers in the FOH racks are actively delivering signals to many of the JBA box destinations. Those distribution amps are shown removed in rack riser. Is the expectation to provide an alternative to deliver those signals to their current destinations?
- a) [Please retain the existing audio distribution amplifiers within the new system. Repair or replace any/all defective modules, as necessary.](#)
- 14) Is the expectation that the crowd mics that are currently used will be integrated and be distributed throughout the venue as they are currently?
- a) [Yes](#)
- 15) Is the expectation that the new network switches and the Dante network it constructs will integrate into the existing primary and secondary Dante network throughout the venue that uses 18+ 10/100 switches to deliver audio to remote amplifiers? If the new design creates more network traffic than those network switches can handle, is the integrator responsible for upgrading the existing switches throughout the venue?
- a) [Yes](#)
- 16) Is the integrator expected to maintain the functionality of delivering audio to Suite 29 (UL Suite) and tuning it to the new system?
- a) [Yes](#)
- 17) The DSPs being removed at FOH contain much of the venue's processing outside the bowl. Is the integrator responsible for replicating that functionality in their design?
- a) [Yes](#)
- 18) The under balcony speakers at each end in the bowl are not mentioned in the RFP. Is it the integrators responsibility to maintain functionality and tune those speakers to the new installation?
- a) [Yes](#)
- 19) There are 10 delay speakers (5 at each end of the bowl) that cannot be reached with a lift. Is it the integrator's responsibility to remove those speakers?
- a) [Yes](#)
- 20) The Dante audio network is shown on 2 switches in the broadcast rack. Please confirm that this is how audio will be delivered to the broadcast systems. The current Dante audio network is not present in the broadcast room. Is the scope of getting the Dante network to the video room within the audio upgrade bid? Is the provision of the network switches for Dante located in the video room racks in the Broadcast integrators scope? They are not in the bid list count for the audio integrator.
- a) [Network switches for Broadcast Dante are the responsibility of the Broadcast integrator.](#)
- 21) Is the message repeater function, currently used at each event, replaced by the Denon media player? That model Denon media player is discontinued. Is there a preferred alternate?
- a) [Plan to reuse the existing message repeater at the owner's discretion; owner confirmation TBD. Replace the Denon DN300Z with Denon DN350-UI.](#)
- 22) The current system monitors all amplifiers and DSP in the entire arena (not just the bowl) and peripheral areas through a single user interface so any equipment failures can be detected and identified. Is the integrator expected to provide that functionality in the new system?
- a) [Yes](#)
- 23) In regards to reference number 9 on the audio bid form, the "Chyron Hego PROAUDIO (7A0048)", we are unable to locate this on any drawings. The various Chyron software products integrate with other systems, such as the LED displays, but there is no mention of how this ties into the audio system. What part of this system is to be provided by the audio integrator and where will it be located in the facility?
- a) [Located in FoH. This is intended to just be audio playback. PC, software, integration are expected of the Contractor.](#)
- 24) The rack riser shows the keyboard and monitor for the computer at FOH as OFE, but the Bid Sheet lists MAP RM-KB-LCD17HD as integrator provided. Which is correct?
- a) [Bid Sheet](#)
- 25) Which racks are the (4) Middle Atlantic rack fans (MW-4QFT-FC) to be installed?
- a) [Delete the four \(4\) Middle Atlantic rack fans \(MW-4QFT-FC\).](#)
- 26) Will the existing as-built drawings be provided?
- a) [Yes](#)
- 27) During the site visit it was discussed on using a preferred structural engineer. Will this contact information be made available?

- a) [Walter P Moore & Associates Engineering/ Bart Miller; bmillier@walterpmoore.com; 713-630-7487](#)
- 28) During the site visit it was stated that the fill speakers will be reused. Is this both the upper level and court delay speakers?
- a) [The existing upper-level Halo speaker system will be re-used.](#)
b) [There are new court fill speakers specified in the bid documents.](#)
- 29) Both are shown on the Bid response form, will a new Bid response form be provided?
- a) [No](#)
- 30) During the site visit it was discussed the electrical work might be pulled out of this RFP and be done directly with the owner. Has this been determined?
- a) [Not as of yet. Assume in AVC scope and will be removed if needed.](#)
- 31) On the line drawings in ER-7B1R the Cisco 24 port switch has both the Dante Primary and Secondary landing on the same switch. Is this intentional or should another switch be added to support the redundancy of the Dante?
- a) [Additional](#)
- 32) All the Cisco switches have 2 fiber SFP shown going to a Fiber Patch. But it does not show the core switch that would connect all the switches. Is this an existing switch or does the contractor need to account for this core switch above what is shown on the drawings? Are both SFP's going back to the same core switch or is it a redundant connection to the same switch.
- a) [Existing HP 5400 series cores](#)
b) [Redundant](#)
- 33) Is the fiber connecting all the Cisco switches existing? If so, what is the type of fiber and connectors are installed? If new what is the requirements for the fiber.
- a) [LC/SMF](#)
- 34) On the rack elevation drawings there we do not see the fiber distribution panels. Is this missing or is it in an existing cabinet somewhere else?
- a) [There is existing fiber located in all the amp racks. There is one \(1\) new fiber patch panel located in Control Room Rack ER-7B1R. For Broadcast fiber patch panels please refer to the Broadcast RFI responses.](#)
- 35) Audio Single Line Drawing AV5.01 illustrates wireless microphone antennas RF-1A and RF-1B to be outside of the rack housing the transmitters. Drawing AV4.01 detail B illustrates a "Remote RF Antenna Wall Plate" that would indicate these antennas should be remotely mounted. The AV1-series floor plan drawings do not indicate where the RF-1A and RF-1B antennas are to be located. Please provide updated floor plan drawings showing the installation locations for the wireless microphone antennas.
- a) [The remote antenna wall plates should be located outside of the Control Room \(in the Bowl\). Audio integrator will field verify best location and confirm with Owner's rep.](#)
- 36) Audio Single Line Drawing AV5.01 illustrates an antenna for the Denon DN-350UI to be outside of the rack housing the receiver. The AV1-series floor plan drawings do not indicate where this antenna is to be located. Please provide updated floor plan drawings showing the installation location for the FM antenna.
- a) [The remote FM antenna should be located outside of the Control Room equipment rack. Audio integrator will field verify best location and confirm with Owner's rep.](#)
- 37) Audio Single Line Drawing AV5.03 illustrates the antenna for the assistive listening system transmitter to be outside of the rack housing the receiver. Drawing AV4.01 detail B illustrates a "Remote RF Antenna Wall Plate" that would indicate this antenna should be remotely mounted. The AV1-series floor plan drawings do not indicate where this antenna is to be located. Please provide updated floor plan drawings showing the installation location for the assistive listening system antenna.
- a) [The remote ALS antenna will be located below the Catwalk hanging perpendicularly. Audio integrator will field verify best location and confirm with Owner's rep.](#)
- 38) Audio Single Line Drawing AV5.03 illustrates the assistive listening system transmitter to be installed in rack ER-7B1R, AV LAN Single Line Drawing AV7.01 illustrates the assistive listening system transmitter to be installed in rack ER-8A1, AV LAN Single Line Drawing AV7.03 illustrates the assistive listening system transmitter to be installed in rack ER-8D1, and Audio Rack Layout Drawing AV9.01 illustrates the assistive listening system transmitter to be installed in rack ER-8D1. The provided "KFC YUM Center – Audio Bid Form 02.12.21.xlsx" products list includes a single Williams Sound T55D transmitter that is to be provided. Please clarify the installation location for the assistive listening system transmitter.
- a) [The ALS transmitter will be installed in rack ER8-D1 on the Catwalk.](#)
- 39) Audio Single Line Drawing AV5.02 illustrates a qty of two (2) Yamaha Rio3224-D Digital Stage Boxes to be part of the audio system in equipment rack ER-7B1L. The provided "KFC YUM Center – Audio Bid Form 02.12.21.xlsx" products list includes a single Rio3224-D and a single Rio1608-D. Please clarify the quantity and model of the digital stage boxes required.

- a) The project includes one (1) Yamaha Rio3224-D and one (1) Yamaha Rio1608-D. There is a Typo on AV5.02. The drawing shows a 16 x 8 Digital Stage Box with the incorrect part #. The rack ER-7B1L elevation is correct.
- 40) Audio Single Line Drawing AV5.02 illustrates a qty of two (2) Yamaha H5Si Studio Monitor speakers as part of the audio system connected to the Announcer plate. The provided "KFC YUM Center – Audio Bid Form 02.12.21.xlsx" products list includes two (2) JBL 305P MKii studio monitor speakers but does not include Yamaha speakers. Please clarify the manufacturer and model of the required speakers.
- a) JBL 305P MKii
- 41) Audio Single Line Drawing AV5.10 illustrates "part of 16 CH D/A 4" to be located in rack ER-8A1, while Audio Single Line Drawings AV5.11 and AV5.12 illustrates "part of 16 CH D/A 4" to be located in rack ER-8B1. Audio Rack Layout Drawing AV9.01 illustrates a single audio distribution amplifier in each rack but does not label them in accordance to the single line drawings. Please clarify the installation location of the audio distribution amplifiers.
- a) ER-8A1 16 CH D/A-1
b) ER-8B1 16 CH D/A-3
c) ER-8C1 16 CH D/A-2
d) ER-8D1 16 CH D/A-4
- 42) Audio Single Line Drawing AV5.10 illustrates four (4) LabGruppen D80:4L amplifiers as part of the Upper Deck Delay and Court Fill speaker systems. The provided "KFC YUM Center – Audio Bid Form 02.12.21.xlsx" products list does not include these amplifiers as part of the quantity of amplifiers to be provided for the Audio system. Please clarify who is to provide the amplifiers illustrated.
- a) Audio integrator will provide and install four (4) LabGruppen D80:4L amplifiers as part of the Upper Deck Delay and Court Fill speaker systems as shown in the design drawings.
- 43) What equipment is to be returned to the arena, during demolition of the old loudspeaker system?
- a) Will be discussed during interviews.
- 44) What will happen to the equipment the arena does not want to keep?
- a) AVC to dispose of unwanted equipment.
- 45) Does the AV integrator get access to the arena floor on August 1st?
- a) Yes, but as mentioned, there are many concurrent projects, and you will have to share the space with other contractors.
- 46) We understand that the arena floor is not available until August 1. What dates will the arena be open for the rest of the audio system and video production system updates?
- a) Assume 30 days prior for prework during non-event hours.
- 47) Will the AV integrator be installing the new loudspeakers at the same time the new scoreboard is being installed?
- a) Yes
- 48) How many hours per day will the arena be open for the installation team?
- a) 24/7 excluding events and associated setup/teardown.
- 49) During the demolition, will the old cable need to be removed from the conduits?
- a) Yes, by the AVC
- 50) Will the Halo Ring Delay speakers be reused for this project?
- a) Yes
- 51) Will the Halo Ring Delay amplifiers and DSP be replaced?
- a) No
- 52) Will the speaker cables, connected to the Halo Ring Delays, be reused?
- a) Yes
- 53) Is there any minimum percentage of required MBE, WBE or VBE participation, for this project?
- a) No
- 54) Is there any specific training being requested by the equipment manufacturers?
- a) Yes
- 55) Both the Audio system and broadcast systems indicate Middle Atlantic UPS-2200R battery backup devices. However, the Audio systems indicate UPS-2200R-IP (with networking) and the video indicates UPS-2200R (without networking). Is the intent that these are different or should they both be the same. If both are to be the same – which is preferred.
- a) Preference is with monitoring, UPS-2200R-IP.
- 56) The RCI RCI PD-12-L6-30R-IG 30A vertical power bars specified appear to essentially perform the same function as the Middle Atlantic MPR modular systems – is this either/or? If so, is there a preference?

- a) The RCI part number should be RCIPD-12-L6-20R 20A vertical power. This is a 208V 20A vertical power distribution device and the electrical system is not Isolated Ground (IG). No preference between the RCI PD product and the MAP MPR product.
- 57) Are any of the Weidmeuller terminal blocks existing? If so, what models and quantities are available?
- a) None existing.
- 58) Regarding the JBL option equipment lists – the list shows 26 D80:4L amplifiers, while it appears that 30 are needed – just want to make sure it is OK to adjust the quantity
- a) OK to adjust the quantity, this was addressed in question #42
- 59) What is the model of the existing Lyntec Load Center that the new breakers are to be added?
- a) These are Lyntec 120/208VAC 3P Motorized Load Centers. Motorized breakers are not required for this project. They are Square D panels and breakers, no specific model # is shown on the panel.
- 60) Who is responsible for demolition of the existing control room and audio equipment?
- a) Audio Integrator
- 61) Are any of the existing speakers or amplifiers being reused under this contract other than the Halo rack identified in the drawings? Please provide information if so.
- a) The entire facility sound system is integrated therefore all existing sub-systems components will be re-used. Full functionality as originally designed for all audio sub-systems within the KFC YUM Center must be maintained and integrated with the new Arena Bowl sound system. It is the responsibility of the audio integrator to maintain and demonstrate function and integration of the new and existing sub-systems for final project acceptance.
- 62) Can a better narrative be provided highlighting items to be fully decommissioned & turned over versus totally removed?
- a) Will be discussed during interviews.
- 63) Please provide the contact information of the in-house and or contracted house rigging contact person.
- a) IATSE 17; Gregory Campbell; gregorycampbell54@gmail.com; 502-553-1433
- 64) Could we please get some clarification on the Cisco switch models and accessories – The models specified – C9200-24P/48P-4G-A – have fixed 1G uplink ports. The Network Interface Modules – C9200-NM-4X-4x1G/10G – are used with modular uplink models. Is it preferred to use the modular models, with the accessory modules, or simply the fixed uplink models?
- a) Modular.
- 65) If the fixed uplink models are preferred, should the models with 1/10G uplinks – C9200L-24P/48P-4X-A – be used, rather than the 1G uplink models?
- a) Above
- 66) Could we get better definition of the Audio-Visual contractor’s responsibility for high-voltage electrician work vs work in the EC scope?
- a) It is the responsibility of the Audio Integrator (Audio-Visual contractor) to sub-contract a licensed Electrical Contractor to perform all high-voltage work required for the audio portion of this project.
- 67) It is assumed that any new supply to the Lyntec Load Center is by the EC
- a) Yes, as subcontracted by the Audio-Visual Contractor.
- 68) It is stated that the Audio-Visual Contractor is responsible for having new breakers added to the Lyntec Load Center, and for terminating the new circuits to the power distribution bars at the racks. Who is responsible for the runs between the Lyntec Load Center and the racks? Are there any other high-voltage duties that the Audio-Visual contractor is responsible for?
- a) All high voltage cabling and related work is the responsibility of a licensed Electrical Contractor as sub-contracted by the Audio-Visual Contractor.
- b) The Audio-Visual Contractor is responsible for all required high-voltage duties related to the audio system upgrades through a licensed electrical contractor who is sub-contracted by the Audio-Visual Contractor.
- 69) Are as-builts for the existing conduit and cable tray system available? If so, can these be posted for the integrators?
- a) All facility as-built drawings related to this project will be posted if available.
- 70) Please define other scopes of work outside of this contract that will be occurring concurrently with this project.
- a) Broadcast Control Room, LED Displays, Carpeting
- 71) What hours & days will the arena be available for work to take place during the periods of full venue access? If work needs to take place outside of the established window what costs will be incurred from the arena?
- a) None – your solution is turnkey. If night/weekend work is required, include in your labor pricing.
- 72) What are the procedures for deliveries at the dock of the facility? Will the facility be providing a forklift for loading and unloading at the dock ours is the responsibility of the contractor?

- a) Forklift is available and facility staff can unload if available for quick deliveries; not available for long periods of use; Owner/Operator accepts no responsibility for damage if using forklift or operator; can arrange an IATSE forklift driver for long periods of use or to unload whole trucks.
- 73) Will existing cabling that is to remain be tested prior to the new installation?
a) No – assume testing prior and indicate any failures to Owner prior to proceeding.
- 74) Please confirm what life safety ties into the PA system must be maintained during construction.
a) No
- 75) Please confirm that loudspeaker cable from the equipment racks is expected to be installed either in conduit or placed in existing cable tray (i.e. no free ran cable on J-Hooks)
a) Conduit. Re use of existing conduit is acceptable but any added/extension conduit to loudspeakers is AVC responsibility.
- 76) For the JBL solution should we replace the LAB Gruppen with Crown amplifiers to ensure that we have the factory cross overs with FIR filters and limiters?
a) For the JBL speaker solution, it is acceptable to replace LabGruppen amps with Crown I-Tec HD series amps.
- 77) Is there existing fiber from the PA control room to the catwalk or will we need to provide new fiber?
a) Assume new fiber will be required between the control room and the catwalk amp racks.
- 78) There are no fiber patch panels called for in the catwalk racks. Fore reliability and service are we to provide a fiber patch panel in the catwalk racks?
a) Provide
- 79) Comparing the quantity of SPF modules on the BOM (10) and the number shown on AV7.01 to AV7.04 (2 SPF per network switch) is the intent to have the control room network switch loaded with (4) SPF modules and each catwalk rack network switch loaded with (1) SPF creating a star configuration (i.e. (1) SPF per catwalk switch and (4) in the PA control room switch totaling 8)?
a) Include sufficient quantities of GBICs and stacking cables for connecting all new network switches to the facility fiber core switch.
- 80) During a transfer to emergency power the network switches located in the catwalk will shut down and the have to re-boot. Please confirm that the network switches in the catwalk are not to be on UPS?
a) They should be on UPS
- 81) Is the output of the CORE510i to the catwalk using existing cable or do we need to include in our bid?
a) The Core510i is located on the Catwalk in rack ER-8A1.
- 82) What is the intent of the QSC CORE 8 Flex since it does not appear in any of the functional drawings?
a) Delete the QSC Core 8 Flex.
- 83) Are boom lifts able to drive onto the arena football playing field with wheel covers, or is this not allowed while the playing field is installed?
a) Unknown at this time if arena football field can handle weight of lift; at a minimum plywood will have to go down. Assume venue plans to take up field when work is scheduled
- 84) Please provide a facility schedule of confirmed and tentative events.
a) [Calendar | KFC Yum! Center](#)
- 85) Please provide the scoreboard package so we can better understand how this scope of work could impact the audio scope of work.
a) Provided.
- 86) 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 intended at current.
- 87) Please provide a list of existing OFE equipment.
a) Assume no OFE for bowl system replacement – Reference as built for ties to delays/BoH.
- 88) Can you please post the As built drawings for the current LED head end and control?
a) We have provided all available documents.
- 89) Will you accept Crown ITECH 4x3500HD amplifiers within the 6.2 Alternate which uses the JBL VTXA8?
a) Yes
- 90) Will you accept BSS/Audio Architect DSP and System Wide Control within the 6.2 and 6.3 Alternate JBL options?
a) No
- 91) It was unclear during the walkthrough what (if any) circuit/breaker modifications would be required at the Power panel on the Catwalk for the new system as specified. Can you please clarify if the current panel and breaker count/models are sufficient to accommodate the circuit plans drawn on the bid documents by rack?
a) Required circuit breakers are 208 VAC, 20A, 2-Pole, non-motorized. New circuit breakers for new audio power amplifiers only, quantities can be gathered from the single line design drawings.

- 92) Can you please clarify if “any” of the existing delays will be removed as part of the demo, or if the sound system speaker demo consists of only the main exploded clusters wrapping the court/center hung?
- a) Demo includes main exploded clusters, court fills, and all delay fills with exception of the Halo Ring speakers. The Halo Ring system will be re-used as is.
- 93) Regarding Audio System, Is it your intention for us to re-use the existing fiber pairs between the mix booth and cat walk racks in support of all Dante and Network Control?
- a) Yes, however, the Audio Integrator is responsible to verify, replace and install additional fiber optic cable as needed as part of the contract.
- 94) Regarding Audio System, is it your intention for us to re-use the existing analog pairs between the mix booth and catwalk racks in support of all analog back up?
- a) Yes, however, the Audio Integrator is responsible to verify, replace and install additional analog cable as needed as part of the contract.
- 95) Regarding Audio System, the functionals were showing the design related to the 6.3 Alternate (JBL VLA), yet no related functionals for the Adamson. Is there a specific functional with the Adamson primary design, or are we to “insert make/model” labels on the functionals in support of the Adamson and VTXA8 options?
- a) Functionals are not required until award. If you are submitting with your proposal – insert as needed.
- 96) Confirm QTY(10) UPS (item 212) is correct
- a) The audio system bid form requires (2) UPS devices.
- 97) Confirm Switches (5) are Owner Furnished
- a) All specified network switches are provided by the AVC
- 98) Will the integrator need to interface with any existing equipment? Will re-commissioning of any existing equipment be required?
- a) Yes. The entire facility sound system and BOH sub-systems will require integration with the new arena bowl system. Testing and demonstration of all current functions of existing BOH sub-systems is required and the responsibility of the AVC.
- 99) Per information received at the walkthrough of re-using the installed BSS system, is the Q-Sys DSP system necessary with this instruction? As a follow-up to this, is the existing BSS DSP connected via Blulink or Dante between racks and inside the racks?
- a) The new arena bowl sound system will use Q-Sys. The existing BSS system will remain in place for use with the existing BOH sub-systems and Halo Ring delays. The intention of the existing BSS system was to use Dante for all audio distribution; however, it appears that both Dante and Blulink are used in the existing system.
- 100) Per information received at the walkthrough, can you confirm the acceptance of re-using the existing speaker wire?
- a) The existing speaker cabling may be re-used if certified to be minimum #10 AWG and covered under the AVC’s system warranty. Mechanical splices on terminal blocks within dedicated JB’s will be required.
- 101) Can we confirm the speakers do not need to be installed on movable hoists and can be “dead hung”?
- a) Confirmed
- 102) What specific updates are to be provided to the existing Lyntec breaker panels?
- a) The new system amplifiers require 208 VAC. Please provide sufficient quantities of 208V 20A, Single-Phase, 2-Pole Breakers for the Bowl amplifier circuits located in the existing LynTec panels. The key is to supply 208 VAC to the new amplifiers, not 120 VAC.
- 103) No motorized breakers will be required for the Lyntec panel updates, correct?
- a) Correct. It has been determined that the new breakers required for the LynTec panels will NOT be motorized breakers.

END