TO: All Prospective Bidders

DATE: October 23, 2015

ADDENDUM 3
RFP 111215
Request for Proposals for Equipment and Installation Services for a Multi-Zone Sound System and Audio/Visual Meeting Room Design for Beaufort County’s Buckwalter Recreation Center Expansion

The following information will amend, modify, and/or clarify the proposal documents described above and are hereby part of the same. Please incorporate these items into the proposal documents for the above-referenced project. Please acknowledge receipt of this on the proposal form.

Multi-zoned Audio System
- Please confirm that there will be a total of 7 audio zones for the sound system (2 new gyms, 2 existing gyms, 1 racquetball courts, 1 weight room, and 1 common area).
- There are 6 Zones, Gym 1, Gym 2, Gym 3, Gym 4, Common Area 5, Batting Cages, Weight Room and Racquetball Courts 6.
- For the common areas audio zones, what exact areas are to be covered (i.e. reception, lockers 2, commons 101, corridor 106, bathrooms)?
  - Lobby, Corridors
  - Will there be any audio in the pitching/hitting tunnel?
  - Paging
  - Will there be any other audio sources for any of the 7 zones other than the listed (4 wireless microphones, 4 wired mics, and paging from the VOIP system)? For example, will there need to be any local audio input plates for music or will the sound from the TVs in the weight room need to route through the speakers?
  - There will be an audio input in the AV/IT closet for a line level input.
  - To control the audio levels and audio sources, what is preferred method of control?
  - Volume Controls in the AV Closet.
  - What does “administrative control” mean exactly?
  - Volume in the system and any changes will be done in the AV Closet. We do not want the public to be able to adjust volumes
- Do you prefer local controls within the room or will everything be set and routed remotely?
  - Routed Remotely
- Will the wired or wireless microphones used within the gyms need to be heard in any of the other audio zones? Will the wireless microphones be carried outside of the gyms and used in any of the common areas, if so which areas?
  - Wireless Mics will only be used in the Old Gyms.
- Will each wireless microphone be dedicated to a specific gym or will all 4 wireless microphones need be usable in all 4 gyms? Are there any existing wireless microphones in use that need to be considered for wireless frequency coordination?
  - Each Gym will have its own Mic, They may be combined into one zone in the gyms (1&2 and 3&4)
- Will all of the wireless microphones be handheld?
  - Yes
- Will the AV contractor be required to provide any wired microphones for use with the wired mic floor box? If so, what type and how many?
  - Yes 2 with Table Stand
- Would it be possible to use the wireless access points provided by others for wireless control devices within the gym?
  - As long as it does not interfere with the operation of other equipment
- What type of air wall will be installed in the Gym and what is its Sound Transmission Class (STC)?
  - See Plans; Contact Andrea Atherton CIP Construction Manager Beaufort County Engineering
  - Office: 843-255-2693
- It was discussed in the pre-bid meeting that the audio systems within the Gyms would be used for multiple applications and layouts. What it’s the intended audio usage and coverage needed for the other areas? Will it be for full frequency response music playback or speech/paging only?
  - The Gym will be used for sports, as well as used for Musical Performances and Large Gatherings with a stage at the front of the room. We must be able to configure for multiple room sets.
- On Drawing E-401, there are 9 total TV locations shown. 2 of the TV’s in the multipurpose room are the main displays leaving 7 remaining. Which of the 7 are the AV contractor responsible for (1 in the common area, 2 in weight room, 1 additional in multipurpose room, and 3 in track level)?
  - We are bidding the (2) 80” Monitors in the Meeting Rooms and (2) in the Corridor and 1 in the Lobby
- Will all the TV’s be wall mounted? Will any be ceiling mounted? If so, which ones?
  - All Wall Mounted
- On Drawing E-401, there are 7 total Audio/Visual Boxes (labeled “A”), are these all dedicated to broadcast inputs (camera and clearcom wiring)? There was 6 broadcast input boxes discussed at the pre-bid meeting, please specify an exact count.
- There are 4 in the Floor, 2 on the walls above the Bleachers on Both Sides and 2 on the Running Track
- I have attached a page that will be helpful.
- Who is responsible for pulling the cable to the broadcast input plates?
- The successful bidder will be responsible for all pulls and plates.
- Who is responsible for terminating the broadcast input plates and the broadcast truck plates?
- The successful bidder will be responsible for all pulls and plates.
- Exactly how many camera inputs and clearcom connections will be in each broadcast input plate?
- 2 Camera inputs and 2 clearcom inputs.
- What type of camera connection is required with what type of cable specification?
- BNC inputs, Phoenix connectors in series for camera control in the meeting rooms
- What type of clearcom system will used and what connection type will be required?
- Telex 3 wire XLR Connectors
- At the broadcast truck exterior box, will the AV contractor be responsible for any plates beyond the required PTZ camera connections (video and control), broadcast input panels, and ceiling mics (i.e. data or power)?
- Everything except Power. You will provide XLR, Data and BNC on the plates
- On Drawing E-401, there are 2 total Audio/Visual/Network Boxes (labeled “AVN”); will there be two mic inputs in each box? Are there any other connections in these boxes?
- The 2 boxes will have (2) XLR (2) BNC (2) Data and Power. IT will Supply Data
- Please provide the model of the FSR floor boxes used in the new Gyms.
- FL 500p floor boxes
- The Audio Rack location is within the same room as the network rack and access control system. Will any of these trades be sharing a rack? The room is quite small for three different racks.
- We can share racks but will need to know how many spaces you will need to accommodate all trades.
- Is there a current sound system in the existing gym? If so, will that need to be removed or integrated as a part of this scope of work? If so, will any of it be reused?
- No
- For the paging requirements, will each zone require individual paging in addition to an all call paging?
- Yes
- Also, will there be any other groups that will need to be paged together (Gym 1 and 2, or Gym 3 and 4)?
- Only the Gyms
- Can the paging control and grouping be controlled through the AV system controls OR will each zone/group require its own extension in the VOIP system?
- This is a Cisco VOIP Call Manager 10.5. You may need to contact Cisco to see what need to happen to make this work.
- Will a structural engineer need to sign off on the rigging of the speaker systems? If so, who responsible for that cost?
- Please present equipment spec sheets and Hang data, KSQ Architects will review the hang points.
- Contact Andrea Atherton CIP Construction Manager Beaufort County Engineering
  - Office: 843-255-2693 if any further clarification is needed.

**Multipurpose Rooms**

- There is a rack described in the bid documentation that will penetrate the wall into the storage closet. This is not show on the drawing set; can you mark where this will reside?
- As of now it will be to the left side of the storage door in the meeting room. This may change slightly as we work through the construction process. Please provide the dimensions of the rack and we hope to ascertain a spot shortly.
- For the floor jacks stage right of the screens, are these to house a video input for laptop connections? If so, will it be a single HDMI connection or will VGA with 3.5mm audio be required as well?
- This will house both HDMI and VGA with 3.5mm Audio.
- XLR and BNC connections are mentioned in the bid documents, what is the intended use for these?
- These will be used for in room Mic (XLR) and Camera feed (BNC)
- Will a hard wired mic connection be required at each floor box?
- Yes
- Who is providing the floor boxes in the multipurpose room and what is the make/model?
  - Electrical Contractor  FL 500p floor boxes
- How much of the floor box is being used by telephone/data connections?
  - Double Duplex
- The floor boxes are showing that the conduit is run back through the storage closet.  Will these be open to the accessible ceiling in this room?
- They will be run to the rack. The Ceiling will be accessible.
- What is the intention of the (2) 4” conduits run from the storage closet out to the broadcast truck? Are these to be used for the PTZ and ceiling mic cabling or some other use?
- These conduits will have Camera Control, Ceiling Mics. BNC from each Camera, and Presentation Video.
- For the internet streaming, there was discussion that 1 or 2 host pcs would be integrated as sources for the rooms to meet this requirement. Will there be 1 or 2 host PCs incorporated? Will these reside in the rack? Will they be owner furnished?

- In the Rack OFE

- Will the multipurpose room ever be used as an overflow or to show what is going on in the Gym? Will there need to be additional inputs or programming to allow for this?

- No

- Who will be controlling the multipurpose room AV systems? Will it require password protection? Will the portable touch panels need to be locked in the rack or closet for storage and protection?

- Administration will control. Password Protected. Yes

- Will the speakers in the ceiling need to produce full frequency response for music playback?

- Yes

- Will there be any microphones used in the multipurpose rooms for voice lift?

- Yes.

- The bid documents reference microphones and stands, how many and what type are required for this room? What will their function be?

- Meeting Support. Hand Held and Lav.

- Will any patch panels be needed in the multipurpose room for routing of the PTZ cameras or ceilings mics to be locally routed or will all lines go straight to the recording truck panel?

- Straight to the Truck

- Will the PTZ cameras have disconnect plates behind them or will they terminate directly into the cameras through a grommet plate?

- Disconnect Plates

- Please confirm that there are to be 4 ceiling microphones total for the 2 multipurpose rooms.

- That is Correct

- Will power be available at each PTZ camera location or will it need to be powered from the multipurpose room rack?

- Power is available at all locations. Give us rack power as an option.

- Will there need to be paging to the multipurpose room from the Cisco Call Manager?

- Yes

**Common Area Displays**

- What is the intended content for these displays?

- They will display Billboard data and live TV Feeds from the Broadcast Trucks on occasion. ACF Technologies Josh Gravley 828 398-0400 is supplying the Billboard technology. Please contact him for specifics.
- There was discussion of 80" displays as appropriate sizes in the multipurpose rooms? What would be an appropriate sized display for the common areas? Appropriate sizing of displays for digital signage use is not an industry standard and may result in widely varied proposals and pricing.

- ACF Technologies Josh Gravley 828 398-0400 is supplying the Billboard technology. Please contact him for specifics.

- There is a TV shown above the doorway in the rear of the multipurpose room, will this be a part of the common area display system with digital signage as a source OR will this tie into the multipurpose system in some way?
  - That is digital signage

- Will cable TV be shown on any display and if so, which displays?
  - No

- Will any of the common area displays audio tie into the multi-zoned audio system speakers or will the sound from the displays suffice?
  - Displays will be fine.

- Will the displays be controlled with a remote only for power state?
  - Yes

- Are the displays to be 24/7 rated commercial use?
  - Yes

- Will the displays and mounting need to be ADA compliant?
  - Yes

- Will back boxes be required behind the displays to hide the OFE digital signage devices?
  - No Back Boxes

**General Questions**

- Will assisted listening systems be required in any of the spaces? If so, which ones and what type?
  - No

- Who is responsible for running conduit in the gym for the speaker cabling? Will PVC conduit be adequate or is EMT required?
  - EMT Required

- Will the AV contractor be required to attend weekly construction meetings or will it be on an as needed basis?
  - If you are on site and one week prior to starting work, you will be required at the Mashburn Construction Wednesday Morning Coordination Meeting.

- Will the space above the drop tile ceiling areas be plenum rated? Will plenum rated cabling be required for the speaker runs?
  - Yes

- What type of training is to be provided on the systems?
- Full Operator Training for Park and Leisure Services Staff on Meeting Room and Sound System Equipment. Orientation on TV and Telex Equipment Wiring

Should you have any questions regarding this, please call the Purchasing Department at 843-255-2350. As always, we appreciate your interest in doing business with Beaufort County.

Sincerely,

[Signature]

David L. Thomas, CPPO
Beaufort County Purchasing Director