

September 25, 2015
BOARD OF COUNTY COMMISSIONERS
ORANGE COUNTY, FLORIDA
Y15-7016-MM / ADDENDUM #4
ORANGE COUNTY CONVENTION CENTER PHASES I - V AUDIO HEAD END
EQUIPMENT REPLACEMENT

Bid Opening Date: October 8, 2015

This addendum is hereby incorporated into the bid documents of the project referenced above. The following items are clarifications, corrections, additions, deletions and/or revisions to and shall take precedence over the original documents. Underlining indicates additions, deletions are indicated by ~~strikethrough~~.

- A. The Bid Opening Date remains the same.
- B. The following is a change to the Invitation for Bid. Delete the paragraph in its entirety and add the following revised paragraph:

PART C

31. LICENSES/PERMITS/FEES:
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- A. In compliance with the Public Bid Disclosure Act, Section 218.80, Florida Statutes, each permit, license, and/or fee applicable to this work/project (before and during construction) that will either be paid by the Contractor or by the Orange County Board of County Commissioner as specified below:

Orange County will be responsible for paying for any and all permits, licenses, and fees imposed on the Work by agencies of the Orange County Board of County Commissioners. This does not alleviate the Contractor from obtaining the permits.

- B. Permits and Fees for Agencies other than Orange County Board of County Commissioners:

The Contractor shall procure and pay for all permits and licenses, charges and fees and give all notices necessary and incidental to the due and lawful prosecution of the work. The cost of all permits, fees, etc.; shall be included in the bid price except where noted otherwise in the specifications or other bid documents.

- C. The Orange County Government Fee Directory, incorporated herein by reference, contains a list of licenses, permits and fees that may apply to this project.

The fee directory link "Fees" is available at:

<http://www.orangecountyfl.net/portals/0/resource%20library/open%20government/FeeDirectory.pdf>

Bidders shall review all applicable licenses, permits and fees and contact the applicable agency if there are any questions.

C. The following are questions/responses/clarifications:

Question 1: In Technical Specification Section 01 32 33 – Photographic Documentation there is a reference to providing Aerial Photographs of the facility at monthly intervals. Please verify the requirement for this documentation as the project scope has limited exterior modifications.

Response 1: Aerial photography is not required for this project.

Question 2: In Technical Specification Section 01 73 29 – Cutting and Patching Item 1.03 Submittals Cutting and Patching Proposal details the procedure for this discipline. As locations for plate removal that may have been originally installed over wet paint cannot be anticipated, is it the intent of this section to establish a procedure for potentially unforeseen repairs during the project in lieu of budgeting for these repairs in the initial proposal?

Response 2: No cutting or patchwork should be necessary for this project.

Question 3: In Technical Specification Section 01 80 00 – Orange County BCC Standards Summary there are references to providing Personal Computers and Workstations that differ from the products indicated in Technical Specification Section 27 41 31. Please verify if the products included in the Communication System Specification Section are to be utilized.

Response 3: The computers specified in Spec section 27 41 31 are required to be provided for this project. They will be OFE and contractor installed.

Question 4: In Technical Specification Section 07 62 00 – Sheet Metal Flashing and Trim details the procedures for addressing instances with Copings, Metal Flashing and Self-Adhering Flashing. As specific locations were not identified on the provided drawings for these disciplines, please verify if there are any known locations to address this scope to be included with this proposal.

Response 4: This spec section is not required and will be removed.

Question 5: In Technical Specification Section 09 55 10 – Acoustical Ceilings details the procedure for replacement of damaged tiles. In the event a tile is damaged and a current match is not available, please verify utilizing an equivalent is acceptable.

Response 5: If acoustical ceiling tiles are damaged, it will be the contractor's responsibility to replace those damaged tiles with the identical tiles from the same manufacturer. The owner will provide the manufacturer and model/color of the tile to be replaced.

Question 6: In Technical Specification Section 09 90 00 – Painting there is reference to a Sole Source Responsibility. Please provide information relating to this contractor in order to obtain pricing.

Response 6: Exposed conduit in the bid additive will need to be painted and color matched to the exposed ceiling. Any damaged areas that need to be repaired and painted should have the color matched and repaired to like new condition. Colors for repair may be available from the owner.

Question 7: In Technical Specification Section 27 41 31 – Communication System Item 2.7 Paging Microphones indicates five (5) permanent locations in the Security Offices, Audio Control Rooms and Admin/Marketing. These items could not be identified on the floor plans. Please detail these locations and indicate if an additional network cable is to be provided.

Response 7: These paging microphones shall be located as follows:

1. Security Office in North / South Building
2. Security Office in West Building
3. Audio control room in North South Building
4. Audio Control room in West Building
5. Admin / Marketing (location to be coordinated with OCCC Marketing, network connectivity to location shall be provided by Smart City via existing network infrastructure)
6. Mobile Stations shall be provided and configured to work on any active OCCC network jack. (no specific location is provided)

Question 8: In Technical Specification Section 27 41 31 – Communication System Item 2.10 Network Electronics C Workstations (Messaging) details a location in Admin/Marketing for a Workstation related to messaging. This item could not be identified on the floor plans. Please verify the location and if an additional network cable is to be provided. Please note we anticipate the control workstations to be located in rooms 206-422 and EF 1.059AV.

Response 8: Admin / Marketing Workstation (location to be coordinated with OCCC Marketing, network connectivity to location shall be provided by Smart City via existing network infrastructure).

Question 9: In the Invitation for Bids Part C – Instructions to Bidders Item 31 License/Permits/Fees indicates the Permit cost is based on the construction value and based on the estimated construction cost the permit fees will be approximately \$14,903.00. Permit fees could fluctuate based on actual awarded contract amount. Please detail the valuation of this cost and verify this is the amount to be carried in the proposal or if the cost applied should be based upon the current fee schedule.

Response 9:
See item “B” for response.

Question 10: On drawings E-W-3.4.25 – E-W-3.4.28 indicates eighty-one (81) speakers for the alternate. Drawing E-7.07 details seven (7) Four Channel Amplifiers for this alternate. As such, multiple speakers may be required on a circuit. Please verify the circuiting and preferred Tap Setting for these speakers to anticipate cable type.

Response 10: The speakers for the bid additive are to be home run, one speaker per channel, tapped at 150 watts. In the spreadsheet, we show (21) amplifiers (numbers 17 through 37) to supply the necessary power for the new speakers. (Which are 12 more than the base design). The bracket showing the additional amplifiers is incorrect, but the amount of amplifiers shown is correct and in line with the spreadsheet.

Question 11: On drawings E-W-3.4.25 – E-W-3.4.28 hex note 3 indicates 2” conduit. Please verify if all conduit to be provided for this space is to be 2” conduit.

Response 11: Where all #3 hex notes are shown on the drawing, 2” conduit is preferred.

Question 12: Drawing ED-W-3.4.26 references a continuation on drawing ED-W-3.4.28 which is not included in this package. Please clarify if this alternate drawing is to be provided.

Response 12: Continuation is unnecessary. The match line showing the continuation information is part of the existing background. All of the information needed to show the existing speaker cluster location is on sheet ED-W-3.4.25. There is no relevant information on any other sheets pertaining to the existing speaker cluster location.

Question 13: The Plate Details indicate devices with model numbers detailing the insert to be used. Upon further investigation, the devices chosen do not include the labeling indicated on the detail. Please detail the preferred method for labeling the input plate locations as input plates were not detailed in Specification Section 27 41 31 Item 3.1 A General 16. Labeling.

Response 13: Sheet E-9.02 shows all of the new plate model numbers and also shows the preferred labeling nomenclature. I.E. the west bldg AV “1” & volume plate(s) have (4) inserts that are labeled (the volume control already has a label from the manufacturer) The “F” connector plate is labeled “COAX”, the XLR is labeled “LINE OUT” and the ¼” & 1/8” are both labeled “AUDIO”. The additional plates are labeled in the same fashion.

Question 14: E-W-3.1.03 What Amp room are these speakers connected to?

Response 14: The amplifiers that feed this section are in the south amp room.

Question 15: E-W-3.1.03 Alternate #2 - Speaker (S)E – Request confirmation that there is NO BACK box for existing speakers?

Response 15: Correct, there is no existing back box for existing speakers.

Question 16: Speaker (S) E – Provide Make & Model of existing speaker? This information is needed to clarify that speakers specified will fit.

Response 16: The existing speakers are of an unknown origin. They are 8” in diameter. The holes will need to be enlarged to install the new speakers.

Question 17: Speaker (S) E – Is there any existing conduit connected to these speakers?

Response 17: It is believed to be a combination of conduit and free wire.

Question 18: Speaker (S) E – Is existing speaker cabling ran in conduit or Free Wired?

Response 18: It is believed to be a combination of conduit and free wire.

Question 19: E-W-4.4.01 Hex Note #5 states Provide and Install NEW 4 Post Cabinet for all five (5) Racks. Is this correct? Why can't old racks be –re-used to save on labor and equipment costs?

Response 19: The existing racks are not deep enough to hold the new equipment.

Question 20: E-7.05 Rack Risers for CSEC-13 and 14 are missing. Please provide?

Response 20: Only the racks shown in the risers will have any changes made to them. Racks shown on the enlarged plans are for reference purposes.

Question 21: Are we supposed to supply new 4 Post Cabinets for CSEC-13 and 14?

Response 21: Reference E-W-4.1.01 that shows racks CSEC-13 and 14, cabinets are indicated with dashed line work which identifies them as existing to reaming. Please refer to general notes #24.

Question 22: E-7.09 Room#231, South control Room shows only 1 racks riser. E-NS-4.2.01 shows 3 Racks. Provide missing Racks Risers?

Response 22: Only the racks shown in the risers will have any changes made to them. Racks shown on the enlarged plans are for reference purposes.

Question 23: Y15-7016 OCCO Audio Head Replacement Bid Specs 1 Bid Spec Audio Matrix, Pages 305 thru 347 does not contain any information for 305-431 South Amp Rm. Please provide this critical information?

Response 23: The very first 13 pages of the spreadsheet is the information for the South amp room. Information provided in Addendum 2.

Question 24: Reference E-709 section 305-431 South Amp Rm - E-7.01 thru E-7.09 the most cost effective strategy for this project is to install NEW amplifiers in the EXACT SAME LOCATION that the OLD IED amplifier is removed from. There appears to be some instances where this exact replacement strategy is deviated from. Does the AV Contractor have the authority to revise the Rack Risers during this project to achieve the optimum location for equipment?

Response 24: Yes, however, deviations from the design will need to be approved in advance.

Question 25: E-7.08 RENO Drawing – West Bldg. North Control Room, Room NH2.021AV - Provide missing DEMO drawing for West Bldg. North Control Room, Room NH2.021AV.

Response 25: Existing system demolition has been completed by other contractor, and limited temporary equipment is in place. Demolition scope for this room would include removal the remaining temporary equipment. Coordinate with OCCC A/V. All existing cabling remaining shall be reused / reconnected to the new audio system head end.

Question 26: Can the OFE provided Network switches be installed in the AV Racks instead of the New Wall Racks? If NO, please explain why? Is it a County IT Physical location Security issue? This will save a lot of cabling between the AV Racks and the New Wall Rack

Response 26: No, OCCC IT network electronics shall be mounted in a physically secure area separate from all audio system equipment and vendors.

Question 27: These will be configured by the OFE IT department correct?

Response 27: Yes

Question 28: I understand that the AV Contractor will install and Cable the Network Switch. This is not an issue

Response 28: The owner will install the network switches, the contractor will cable the switches.

Question 29: OFE IT department will provide a Static IP Scheme for all the AV Equipment, correct?

Response 29: Yes

Question 30: Requirements for the Submittal process – Will we be able to use the Audio Matrix spreadsheet as part of (In lieu of) Single Line drawings that depict each and every patch bay point and connection point?

Response 30: Please provide original, vendor provided single line drawing as required in the specifications (not replications of engineer provided content).

Question 31: If the Audio Matrix Spreadsheet is not allowed to be used and only single line drawings are required then this will require massive amount of time to create single line drawings. Drafting labor costs will be very costly if the Audio Matrix Spreadsheet is not allowed. Without the use of the Audio Matrix Spreadsheet the drawing package for just the single lines will be extremely large, easily hundreds of pages.

Response 31: Please provide original, vendor provided single line drawing as required in the specifications (not replications of engineer provided content) to reflect accurate As-Built information complete with UCI (unique cable identifiers) for ever cable in the project for use by the owner in future modification and trouble shooting of the system. This is not final until project completion.

Question 32: I'd like to Officially Request for another Site Inspection of the equipment rooms. Can this be schedule?

Response 32: Additional site visit has been scheduled. Please see Addendum 3.

D. All other terms and conditions of the IFB remain the same.

The Proposer shall acknowledge receipt of this addendum by completing the applicable section in the solicitation or by completion of the acknowledgement information on the addendum. Either form of acknowledgement must be completed and returned not later than the date and time for receipt of the proposal.

Receipt acknowledged by:

Authorized Signature

Date Signed

Title

Name of Firm