DATE: August 9, 2013

TO: All Prospective Bidders       CC: Procurement File

FROM: Mallela Ralliford

ADDENDUM #5

The following amends the above referenced Bid documents. Receipt of this addendum must be acknowledged by completing the enclosed "Acknowledgement of Receipt of Addenda" form and submitting it along with the Technical Offer you return to the University.

The due date and time for the Bid to be submitted to the University has been EXTENDED to TUESDAY, AUGUST 20, 2013 by 2:00 p.m. to the issuing office.

A. The following questions have been submitted to the University for a response:

1. **QUESTION:** Addendum #4 states we are to use the University provided spreadsheet, but there are a few problems with it. It doesn’t have anywhere for the integrator to put the costs for programming, engineering and installation. It has errors in the quantity for Music Faculty Offices as it still shows 12 even though Addenda #4 states 17. It doesn’t have anywhere for us to show the cost for the Common Area displays, and it has a tab for a Music Tech Office that shouldn’t be there. Will a revised spreadsheet be provided, or alternative directions for correcting these issues in our bid?

   **ANSWER:** Add lines for costs not listed: miscellaneous hardware, programming, engineering and installation. Please insert columns/rows as necessary to include pricing for these items.

2. **QUESTION:** There are Lutron GRX RS232 lighting interfaces shown on the line diagrams for the 120 seat classroom and Instrument Ensemble 151. Is the A/V contractor responsible for providing them, and if so who is responsible for installing them?

   **ANSWER:** Lighting controls and interfaces are installed by the lighting/electrical contractors and will not be the responsibility of the AV Contractor.
3. QUESTION: TQ7.71 has a note that says provide belt pack stations as specified, but I can’t find anywhere that they are specified and they don’t show up on the equipment spreadsheet. Please advise what we should provide.

ANSWER: Specified belt pack is identified in section 274100 article 2.1.A.27.

4. QUESTION: Please clarify in which section of the bid package Fiber optic specifications can be found.

ANSWER: Section 271000.

5. QUESTION: TQ 6.60 bottom page note specifies: provide 1 Middle Atlantic Slim 5-19 equipment rack. TQ 6.61 bottom page note specifies: provide 1 Middle Atlantic Slim 5-19 equipment rack. Middle Atlantic does not offer a Slim 5-19 equipment rack. They do however offer a Slim 5-14 and Slim 5-21. Furthermore, TQ 6.62 details (3) 16 space equipment racks while the equipment list specifies (2) 10—space rack bays, one on either side of the Omirax Synergy S6C242 recording studio console work station. Please clarify the quantity of racks and rack units required for rooms 157B and 157C.

ANSWER: Unless physical needs conflict, use the next size up Slim 5 rack from nonexistent rack sizes.

6. QUESTION: TQ-6.52 specifies the Mecho shade to be controlled via RS-232 command. However it is far more common for shade controls to be controlled via relay. Please confirm the type of control for this shading system.

ANSWER: Provide low voltage relay for remote control of Mecho shades.

7. QUESTION: TQ-4.20, drawing 2, details a scissor lift projector mount in Dance studio 337. There is no scissor lift projector mount located in the equipment list or specified in the room description. Please clarify the correct mount to be used in Dance studio 337.

ANSWER: Bidder may specify model from Display Devices.
8. **QUESTION:** Number 22 of the equipment list specifies providing a Standard zoom lens and a long throw lens for the Christie Digital LW640. Please clarify which room for which lens.

**ANSWER:** Both lenses are required. The specified Christie Digital LW640 are classified as the “performance” projector, which will be located at various positions in the Dance Studio and Dance Tech Studios based on faculty requirements for specific dance performances. Two lenses have been specified to accommodate all positioning requirements and conditions.

9. **QUESTION:** Number 5 of the equipment list specifies an Anvil Mixer mount road case. However, it is not clearly identifiable which room and which system this is for. Please clarify.

**ANSWER:** This is required for the Dance Studio Control Room, to house the audio mixer when located in the front-of-house position.

10. **QUESTION:** In which room(s) are the Biamp AEC2 and TI-2 cards to be supplied?

**ANSWER:** These cards are not required.

11. **QUESTION:** Drawing TQ-6.02 Equipment Rack Detail shows a Middle Atlantic UPS. The total load calculated for the rack mount equipment exceeds the capacity supported by any single Middle Atlantic UPS. The load cannot be shared between two Middle Atlantic UPS’s as that will exceed the amount of available space in the rack. Is there a recommended substitute? Is there a minimum amount of required backup time?

**ANSWER:** The specified Middle Atlantic UPS does not need to support all equipment in the Equipment Racks. Only devices with control programming require UPS backup. Audio amplifiers and host PC computers do not need to be supported by the UPS.

12. **QUESTION:** Music Faculty Office (RM 248) is not shown on the Floor Plans or RCP’s for the 2nd floor. Where is this room located?

**ANSWER:** This room number was included erroneously. Refer to the updated room numbers for Music Faculty Offices issued in AV Addendum 1 dated 08/07/2013.
13. **QUESTION:** Music Faculty Office (RM 248) is included on the list of “Music Faculty Offices” on the Equipment List, but is not included on the list of “Music Faculty Offices” on the Music Faculty Office A/V Signal Flow drawing TQ-6.80. Which list is correct?

**ANSWER:** This room number was included erroneously. Refer to the updated room numbers for Music Faculty Offices issued in AV Addendum 1 dated 08/07/2013.

14. **QUESTION:** The list of “Music Faculty Offices” on the Equipment List differs significantly from the list of “Music Faculty Offices” on TQ-6.80. Which list is correct?

**ANSWER:** Refer to the updated room numbers for Music Faculty Offices issued in AV Addendum 1 dated 08/07/2013. Music Faculty Office numbers are 137, 139, 241, 245, 254, 255, 256, 257, 258, 259, 260, 261, 262, 263, 264, 265, and 266.

15. **QUESTION:** Room 453 is included on the list of rooms on drawing TQ-6.12 but is not included on the Equipment List. Does this room get any A/V equipment?

**ANSWER:** This reference to room 453 is intended to read “Room 456”.

16. **QUESTION:** Drawing TQ-6.43 DANCE TECH STUDIO AV EQUIPMENT RACK DETAIL shows a 01V96VCM on a 5 RU shelf. This is not shown on the signal flow diagrams or the corresponding “Equipment List”. Is this component required? And if so, how is to be integrated?

**ANSWER:** Disregard this reference to an audio mixer.

17. **QUESTION:** Drawing TQ-6.43 DANCE TECH STUDIO AV EQUIPMENT RACK DETAIL shows three Biamp AudiaFLEX signal processors. The corresponding signal flow diagram on TQ-6.41 shows an AudiaFLEX and an AudioEXPI. The corresponding Equipment List show only an AudioEXPI. Please provide clarification.

**ANSWER:** Please refer to signal flow diagram TQ-6.41 for the correct equipment model, quantity, and interconnection requirements.
18. **QUESTION:** Drawing TQ-6.43 DANCE TECH STUDIO AV EQUIPMENT RACK DETAIL shows four QSC CX502 power amplifiers. The corresponding Equipment List and signal flow diagram on TQ-6.41 show three Extron XPA 2003C power amplifiers. Please provide clarification.

**ANSWER:** Please refer to signal flow diagram TQ-6.41 for the correct equipment model, quantity, and interconnection requirements.

19. **QUESTION:** The specified Crestron Dual-Window HD Video Processor (DVPHD-DUAL-R) does not have a published 3rd party control protocol to allow for external control. External control for this device is only possible through Cresnet Internet Protocol (proprietary communication between Crestron devices). Is the Extron MGP 462 Pro DI (Two Window HDCP-Compliant Multi-Window Processor) an acceptable alternative?

**ANSWER:** The Extron MGP 462 Pro DI is preferred due to proprietary nature of the Crestron product.

20. **QUESTION:** The Equipment List for Dance Studio 337 indicates 4 Shure SM-57 microphones. The A/V Signal Flow Drawing TQ-6.50 shows four Shure Beta 58 microphones. Please provide clarification.

**ANSWER:** The SM57 is the correct microphone model.


**ANSWER:** Sony HDR-AX2000 is the correct model number.

22. **QUESTION:** The Equipment List for Dance Studio 337 indicates a Cisco SF100-16 (16 ports, no PoE). The A/V Signal Flow Drawing TQ-6.52 shows a Cisco SRW208P-K9-NA (8 ports PoE). The system requires a switch with no less than 11 ports, and additionally requires PoE for the AMX touch panels. Is the Cisco SF100D-16 (16 ports / 8 PoE) acceptable?

**ANSWER:** The Cisco SF100D-16 (16 ports / 8 PoE) is acceptable.
23. **QUESTION:** The specified Avid Digi 003 is discontinued with no direct replacement from the manufacturer. Is the Universal Audio Apollo Duo (8 line in / 8 line out / firewire interface) an acceptable substitute?

**ANSWER:** Please check for available Avid hardware/software bundles as substitutes. However, UMBC reserves the right to approve all substituted products.


**ANSWER:** The Sony HDR-AX2000 is the correct specification.

25. **QUESTION:** The Lexicon MV-5 and the Lexicon DC-2 are discontinued with no direct replacement from the manufacturer. Is there a preferred substitution?

**ANSWER:** Contractor to propose alternate surround sound processor model.

26. **QUESTION:** Dance Studio 337 Control Signal Flow Drawing TQ-6.52 shows an Extron AVT-200HD that is not on the corresponding Equipment List or Signal Flow Diagram. Please provide clarification.

**ANSWER:** This device is not required.


**ANSWER:** Provide quantities per the associated signal flow diagrams.

28. **QUESTION:** The Music Technology Control Room 157C A/V Signal Flow Drawing on TQ-6.61 indicates an Avid HDX PCIe Card. This is not shown on the corresponding Equipment List. Please provide clarification.

**ANSWER:** Please provide pricing for the indicated Avid HDX PCIe card.
29. QUESTION: The quantities on the Equipment List for Music Technology Control Room 157B & 157C do not reflect the correct counts for either one room or the totals for both rooms. Please provide clarification.

ANSWER: Provide pricing for quantities as shown on the associated signal flow diagrams.

30. QUESTION: The Equipment List for Recording Studio 157 indicates 16 Aviom A-16II, an Aviom AN-16/I, and two Aviom A-16D Pros which are not shown on the corresponding signal flow drawings or rack layouts. Are these devices required? If so, how are they to be integrated? Please provide clarification.

ANSWER: These devices are to be integrated and configured by the owner at a future date.

31. QUESTION: TQ-6.70 & TQ-6.71 indicate a total of 5 Switchcraft QGPK3B440 microphone patch bays, but the corresponding Equipment List indicates 4. Please provide clarification.

ANSWER: Provide pricing for quantities as shown on the associated signal flow diagrams.

32. QUESTION: TQ-6.70 & TQ-6.71 indicate a total of 6 Switchcraft MT48K1NN line level patch bays, but the corresponding Equipment List indicates 5 (four half normalled & one non normalled). Please provide clarification.

ANSWER: Provide pricing for quantities as shown on the associated signal flow diagrams.


ANSWER: The SM57 is the correct model number.

ANSWER: Provide the indicated Mackie 1620i mixer.

35. QUESTION: The Equipment List for Music Tech / Keyboard Lab – 129 indicates QSC AD-S82H loudspeakers. The corresponding drawing on TQ-7.30 indicates QSC AD-S52 loudspeakers. Please provide clarification.

ANSWER: Provide model AD-S82H.

36. QUESTION: The Equipment List for Music Tech / Keyboard Lab – 129 indicates an Extron HAE-100 audio de-embedder that is not shown on the corresponding signal flow diagram. Please provide clarification.

ANSWER: This device is not required.

37. QUESTION: Is the successful AV Contractor required to collect Maryland Sales Tax from UMBC for this work or not?

ANSWER: Quoted prices shall include all your costs.

38. QUESTION: The bid form lists Room 137 twice. The first occurrence is as a Music Faculty Room (Addendum #4). The second occurrence is as a Music tech Office. Do you want Room 137 to include the equipment outlined in Addendum #4, Question 4, or do you want the Bid Form filled out completely?

ANSWER: Provide pricing for room 137 as a Music Faculty Room only.

39. QUESTION: Do you want equipment, labor, bulk cable; patch cables; breakouts; adapters, rack drawers; power and all of the accessories that the specification requires, or that will be required to furnish a complete and working system listed? If so, what form do you require?

ANSWER: Major components must be listed.

40. QUESTION: Will the successful AV Contractor be contracted with UMBC or with the General Contractor? Is a bond required?
ANSWER: Please refer to the RFP Document. A UMBC Contract will result from this solicitation.

41. QUESTION: For the Common Area displays, is the Samsung ME-32C acceptable? If so, who is to provide the network & control cabling and digital signage system?

ANSWER: The Samsung ME-32C is acceptable.

B. REVISED DATES:

- Tuesday, August 20, 2013 - Bids Due
- Thursday, September 12, 2013 – Bidders Notified of Evaluation Results
- Monday, September 16, 2013 – Public Bid Price Opening at Noon
- Thursday, October 17, 2013 – Notice to Proceed

Enclosure: Acknowledgement of Receipt of Addenda Form

END OF ADDENDUM #5 DATED 08/09/13
This Addendum was posted on the University’s eBid Board and was submitted to eMaryland Market on 08/09/13 (Originals with enclosures were not mailed)
BID NO.: BC-20888-R

BID DUE DATE: TUESDAY, AUGUST 20, 2013 AT 2:00 P.M.

BID FOR: UMBC PAHB II – AV CLASSROOM SYSTEMS

NAME OF BIDDER:___________________________________________

ACKNOWLEDGEMENT OF RECEIPT OF ADDENDA

The undersigned, hereby acknowledges the receipt of the following addenda:

Addendum No. 1 _____ dated 07/30/13
Addendum No. 2 _____ dated 08/01/13
Addendum No. 3 _____ dated 08/02/13
Addendum No. 4 _____ dated 08/07/13
Addendum No. 5 _____ dated 08/09/13

As stated in this Addendum, this form is to be returned with your Bid Price Sheet.

____________________________________________
Signature

____________________________________________
Printed Name

____________________________________________
Title

____________________________________________
Date

END OF FORM