

# CHATHAM COUNTY PURCHASING & CONTRACTING DEPARTMENT

## ADDENDUM NO. 2 TO BID NO. 20-0008-6

### FOR: PURCHASE AND INSTALLATION OF AV SYSTEM FOR THREE CHATHAM COUNTY COURTROOMS

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**PLEASE SEE THE FOLLOWING FOR ADDITIONS, CLARIFICATIONS AND/OR CHANGES:**

1. **QUESTION:** The project documents do not include a narrative description of the functional intent of each space. Is there a descriptive narrative available for this project?  
**RESPONSE:** Please see the attached document for a list of upgrade expectations. (pg.12)
2. **QUESTION:** The Bill of materials (equipment list) does not match the equipment shown on the schematic diagrams. Which should take precedent Drawings or Equipment list?  
**RESPONSE:** Refer to the drawings for sizing and placement.
3. **QUESTION:** Equipment list Courtroom 1 Item 1 – Specified size is different than that shown on drawings. Please clarify.  
**RESPONSE:** The equipment has been replaced with a new model number ViewSonic CDE6520 65" 4K Premium Commercial Display - Native Resolution: 3840 x 2160 as listed on the revised bid sheet.
4. **QUESTION:** Equipment list Courtroom 1 Item 3, – Qty is different from drawings. Please clarify.  
**RESPONSE:** Refer to drawings. The County will not be using the Crestron Digital Media 8G+® 4K60 4:4:4 HDR Receiver and Room Controller.
5. **QUESTION:** Equipment list Courtroom 1 Item 5 – Items are not shown in the project drawings – Are they required?  
**RESPONSE:** Refer to the drawing. The County will not be using the Crestron Digital Media 8G+® Transmitter 201.
6. **QUESTION:** Equipment list Courtroom 1 Items 6-9. How do you plan to connect to the interfaces? Are retractors, permanent connection cables required?  
**RESPONSE:** Refer to the drawing. Per the revised bid sheet the County will be using the Video Input Transmitter Crestron HD-MD-400-C-E utilizing the Liberty Ring part numbers as follows: FT2-700-B, FT2A-PLT-KEY-10, US Single (Type-B), HDMI Retractor, USB-C/A Charging, Blank Plates (20) and the VGA Retractor.
7. **QUESTION:** Equipment list Courtroom 1 Item 10 – Tascam model specified in equipment list, Denon DN-500 in drawings. Please clarify.  
**RESPONSE:** Refer to the drawing. Item has been changed to the DENON BLU-RAY/DVD PLAYER DN-500BDMKII on the revised bid sheet.

8. **QUESTION:** Equipment list Courtroom 1 Item 11 – Equipment list calls out 32” monitor, drawing shows 23”. Please advise.  
**RESPONSE:** Refer to the drawing. Item has been changed to the 23” LCD MONITOR NEC EA234WMI-BK on the revised bid sheet.
9. **QUESTION:** Equipment list Courtroom 1 Item 12 – Saros IC6T in equipment list, Tannoy CVS-8 on drawings. Please advise.  
**RESPONSE:** Per the revised bid sheet the County will be using a JBL Control 47HC High Ceiling Loudspeaker.
10. **QUESTION:** Equipment list Courtroom 1 Item 13 – Different amplifier shown on drawings. Please advise.  
**RESPONSE:** Per the revised bid sheet the County will be using an Extron XPA U 1004 Audio Amplifier.
11. **QUESTION:** Equipment list Courtroom 1 Item 14 – Different DSP shown in drawings. Does the phone interface require VOIP or POTS connection to the owner’ phone system?  
**RESPONSE:** Refer to the drawing. Per the revised bid sheet the County will be using Tesira FORTE AVB VT and will require a VOIP connection (RJ45).
12. **QUESTION:** Equipment list Courtroom 1 Item 17– Different microphone model shown in drawings. Please advise.  
**RESPONSE:** Refer to the drawing. Per the revised bid sheet the County will be using the SHURE 15” GOOSENECK MIC MX415.
13. **QUESTION:** Equipment list Courtroom 1 Item 20 – POE injector not shown in drawings. Product is not required for specified switch. Please advise.  
**RESPONSE:** Refer to the drawing. The County will not be using the POE injector. Use switch for POE from POE NETWORK SWITCH CISCO SG300-28PP as listed in the revised bid sheet.
14. **QUESTION:** Equipment list Courtroom 1 Item 21 – MXA310B not shown in project drawings.  
**RESPONSE:** Refer to the drawing. The County will be using the SHURE MX395B/O-LED as listed in the revised bid sheet.
15. **QUESTION:** Equipment list Courtroom 1 Item 22 – Qty of 1 DL-ADR shown does not meet requirements. Please review qty required.  
**RESPONSE:** The County will be using a quantity of three (3) Universal Ring Liberty – DL-ADR as listed on the revised bid sheet.
16. **QUESTION:** Equipment list Courtroom 1 Item 23 – Crestron room controller in equipment list doesn’t match drawings (Extron shown). Please advise.  
**RESPONSE:** Refer to the drawing. The Crestron DM-RMC-4KZ-100-C will no longer be used. Per the revised bid sheet the County will be using the Extron 60-1271-13.

17. **QUESTION:** Equipment list Courtroom 1 Item 24 – Listen assistive listening in equipment list doesn't match drawings (Williams Sound). Please advise.  
**RESPONSE:** Refer to the drawing. The updated part number is WIR SYS1 WILLIAMS SOUND ASSISTIVE LISTENING WIR SYS 1 SOUNDPLUS® PRO COURTROOM SYSTEM.
18. **QUESTION:** Equipment list Courtroom 1 Item 32 – Please verify qty of sound masking speakers.  
**RESPONSE:** Refer to the drawing. There will be a minimum of 6 emitters using Cambridge Sound Management Qt 100 (in A/V rack).
19. **QUESTION:** Equipment list Courtroom 1 Item 33 – Please verify qty of sound masking speakers.  
**RESPONSE:** Refer to the drawing. There will be a minimum of 6 emitters using Cambridge Sound Management Qt 100 (in A/V rack).
20. **QUESTION:** Equipment list Courtroom 1 Item 34 – Please verify qty of sound masking generators.  
**RESPONSE:** There will be a minimum of three (3) sound masking generators (one per courtroom).
21. **QUESTION:** Item 43 Monitor Doesn't match drawings and size doesn't match infrastructure. Please advise.  
**RESPONSE:** The equipment has been replaced with a new model number ViewSonic CDE7520 75" 4K Premium Commercial Display as listed on the revised bid sheet.
22. **QUESTION:** Item 44 Mounts do not match infrastructure, two are wall mounts, and two are pipe mounted ceiling mounts according to infrastructure drawings. Please advise.  
**RESPONSE:** Refer to the drawing. Size the mounts to fit the ViewSonic CDE7520 75" 4K Premium Commercial Display. Two mounts are tilt (wall mounted) and two mounts are articulating (wall mounted).
23. **QUESTION:** Item 45 Doesn't match infrastructure 4 articulating arms for up-to 65" displays. Please advise.  
**RESPONSE:** The equipment has been replaced with a new model number ViewSonic CDE7520 75" 4K Premium Commercial Display as listed on the revised bid sheet. Refer to the drawing. Size the mounts to fit the ViewSonic CDE7520 75" 4K Premium Commercial Display. Two mounts are tilt (wall mounted) and two mounts are articulating (wall mounted).
24. **QUESTION:** Item 47 Doesn't match drawings (qty 5 in equipment list, qty 1 in flows)  
**RESPONSE:** Please refer to the drawing.
25. **QUESTION:** Item 48 Doesn't match QTY 6 in equipment list, QTY 0 in flows. Please advise.  
**RESPONSE:** Refer to the drawing. The County will not be using the Crestron Digital Media 8G+® Transmitter 201.

26. **QUESTION:** Item 50 Doesn't match Qty 2 in equipment list, none in flows. Please advise.  
**RESPONSE:** Refer to the drawing. The County will not be using the Crestron 16x16 DigitalMedia™ switcher.
27. **QUESTION:** Item 51 Doesn't match Qty 2 in equipment list, none in flows. Please advise.  
**RESPONSE:** Refer to the drawing. The County will not be using the Crestron AV3.
28. **QUESTION:** Item 52 Doesn't match Qty 12 in equipment list, none in flows. Please advise.  
**RESPONSE:** Refer to the drawing. The County will not be using the Crestron DMC-4KZ-CO-HD.
29. **QUESTION:** Item 53 Doesn't match Qty 9 in equipment list, none in flows. Please advise.  
**RESPONSE:** Refer to the drawing. The County will not be using the Crestron DMC-4KZ-HD.
30. **QUESTION:** Item 54 Doesn't match QTY 32 in equipment list, none in flows. Please advise.  
**RESPONSE:** Refer to the drawing. The County will not be using the Crestron DMC-4KZ-C.
31. **QUESTION:** Item 55 Doesn't match QTY 4 in equipment list, none in flows. Please advise.  
**RESPONSE:** Refer to the drawing. The County will not be using the Crestron DMC-4KZ-HDO.
32. **QUESTION:** Item 60 Doesn't match infrastructure 23" display in infrastructure drawings 32" on equipment list. Please advise.  
**RESPONSE:** Refer to the drawing. The County will be using the 23" LCD MONITOR NEC EA234WMI-BK as listed on the revised bid sheet.
33. **QUESTION:** Item 62 Doesn't match flow Equipment list has Crestron, flows has Extron. Please advise.  
**RESPONSE:** Refer to drawing. Item has been replaced with the Extron 60-1271-13 HDMI Ext Receiver per the revised bid sheet.
34. **QUESTION:** Item 64 Doesn't match drawings have Tannoy's CVS-8 / Equipment list has Crestron SAROS IC8TW-T. Please advise.  
**RESPONSE:** Item has been replaced with the JBL Control 47HC High Ceiling Loudspeaker per the revised bid sheet.

35. **QUESTION:** Item 65 Doesn't match drawings have Tesira AVB VT Equipment list has Tesira DAN AI. Please advise.  
**RESPONSE:** Refer to drawing. Per the revised bid sheet, the item has been replaced with the Tesira FORTE AVB VT which requires a VOIP connection (RJ45).
36. **QUESTION:** Item 66 Doesn't match Drawings have Extron XPA2002-70V Equipment list has Crestron Amp-1200-1 DWGs - System drawings show two channel amp, Equipment list has 1 channel amp. Please advise.  
**RESPONSE:** Per the revised bid sheet the item has been replaced with the Extron XPA U 1004 AUDIO AMPLIFIER.
37. **QUESTION:** Item 67 Does not match Denon DN-500BDmkII. Please advise.  
**RESPONSE:** Refer to the drawing. Item has been replaced with the DENON BLU-RAY/DVD PLAYER DN-500BDMKII per the revised bid sheet.
38. **QUESTION:** Item 68 Doesn't match Williams Sound ALS (which is obsolete) Equipment list is not a valid part number (LISL9001). Please advise.  
**RESPONSE:** Refer to the drawing. The part number has been updated as follows: WIR SYS 1 WILLIAMS SOUND ASSISTIVE LISTENING WIR SYS 1 SOUNDPLUS® PRO COURTROOM SYSTEM.
39. **QUESTION:** Item 71 Doesn't match Drawings MX418/C in equipment list, MX415LPDF/C on flows. Please advise.  
**RESPONSE:** Refer to the drawing. The item has been replaced with the SHURE 15" GOOSENECK MIC MX415 per the revised bid sheet.
40. **QUESTION:** Item 74 Doesn't match Drawings - equipment list includes a PoE injector not needed. Please advise.  
**RESPONSE:** Refer to the drawing. The County will not be using the POE injector. Use switch for POE from POE NETWORK SWITCH CISCO SG300-28PP as listed in the revised bid sheet.
41. **QUESTION:** Item 75 Doesn't match - Equipment list has 52-port netgear switch, drawings have a 28-port cisco switch. Please advise.  
**RESPONSE:** Refer to the drawing. This item has been replaced with the POE NETWORK SWITCH CISCO SG300-28PP per the revised bid sheet.
42. **QUESTION:** Item 76 Doesn't match - Equipment list is short 2 DL-ADR. Please advise.  
**RESPONSE:** The item has been replaced with the Universal Ring Liberty – DL-ADR (qty. 3).
43. **QUESTION:** Item 84 Atlas Sound speaker Equipment List only has 1 speaker it should be three. Please advise.  
**RESPONSE:** Refer to the drawing. The County will no longer used the listed Atlas product. There will be a minimum of 6 emitters using Cambridge Sound Management Qt 100 (in A/V rack).

44. **QUESTION:** Item 85 Atlas Sound Generator should be Qty 1 GPN1200 has Qty 6 in Equipment list. Please advise.  
**RESPONSE:** Refer to the drawing. The County will no longer use the listed Atlas product. There will be a minimum of 6 emitters using Cambridge Sound Management Qt 100 (in A/V rack).
45. **QUESTION:** Item 101 Monitor size doesn't match infrastructure (65"). Please advise.  
**RESPONSE:** This item has been replaced with the new model number ViewSonic CDE6520 65" 4K Premium Commercial Display – Native Resolution: 3840 x 2160.
46. **QUESTION:** Item 103 Count does not match flow, 1 in flow, two in equipment list. Please advise.  
**RESPONSE:** Refer to the drawing. The Crestron DM-RMC-4KZ-100-C will no longer be used. Per the revised bid sheet the County will be using the Extron 60-1271-13.
47. **QUESTION:** Item 104 not shown on drawings. Please advise.  
**RESPONSE:** Refer to the drawing. The County will not be using the Crestron DM-TX-201-C.
48. **QUESTION:** Item 109 does not match Denon DN-500BDmkII in drawings. Please advise.  
**RESPONSE:** Refer to the drawing. Item has been changed to the DENON BLU-RAY/DVD PLAYER DN-500BDMKII on the revised bid sheet.
49. **QUESTION:** Item 110 Doesn't match infrastructure it calls for 23" Equipment list has 32". Please advise.  
**RESPONSE:** Refer to the drawing. Item has been changed to the 23" LCD MONITOR NEC EA234WMI-BK on the revised bid sheet.
50. **QUESTION:** Item 111 Doesn't match drawings, Tannoy's in flow CVS-8 in flow Saros IC6T in Equipment List. Please advise.  
**RESPONSE:** Per the revised bid sheet, the County will be using a JBL Control 47HC High Ceiling Loudspeaker.
51. **QUESTION:** Item 112 Doesn't Match drawings - XPA 2001 70V. Please advise.  
**RESPONSE:** Per the revised bid sheet, the County will be using an Extron XPA U 1004 Audio Amplifier.
52. **QUESTION:** Item 113 TesiraFORTE AVB VT in flow (VOIP or POTS telephone interface). Please advise.  
**RESPONSE:** Refer to the drawing. Per the revised bid sheet the County will be using Tesira FORTE AVB VT and will require a VOIP connection (RJ45).

53. **QUESTION:** Item 116 Mics don't match flow, MX415LPDF/C in flows. Please advise.  
**RESPONSE:** Refer to the drawing. Per the revised bid sheet the County will be using the SHURE 15" GOOSENECK MIC MX415.
54. **QUESTION:** Item 117 Adapter ring count off they have 1 and you need three DL-ADR. Please advise.  
**RESPONSE:** The County will be using a quantity of three (3) Universal Ring Liberty – DL-ADR as listed on the revised bid sheet.
55. **QUESTION:** Item 118 Doesn't match Drawings - Extron receivers. Please advise.  
**RESPONSE:** Refer to drawing. Item has been replaced with the Extron 60-1271-13 HDMI Ext Receiver per the revised bid sheet.
56. **QUESTION:** Item 119 Doesn't match Drawings Williams Sound ALS. Please advise.  
**RESPONSE:** Refer to the drawing. The updated part number is WIR SYS1 WILLIAMS SOUND ASSISTIVE LISTENING WIR SYS 1 SOUNDPLUS® PRO COURTROOM SYSTEM.
57. **QUESTION:** Item 127 Atlas Sound speaker Equipment List only has 1 speaker it should be three, and drawings have Cambridge sound system. Please advise.  
**RESPONSE:** Refer to the drawing. There will be a minimum of 6 emitters using Cambridge Sound Management Qt 100 (in A/V rack).
58. **QUESTION:** Item 128 Atlas Sound Generator should be 1 GPN1200 has 6 in Equipment list. Please advise.  
**RESPONSE:** Refer to the drawing. The County will no longer used the listed Atlas product.
59. **QUESTION:** Item 138 Does match flow No PoE injector in flow (not needed with switch in flow). Please advise.  
**RESPONSE:** Refer to the drawing. The County will not be using the POE injector. Use switch for POE from POE NETWORK SWITCH CISCO SG300-28PP as listed in the revised bid sheet.
60. **QUESTION:** Item 139 MXA310B not shown in Drawings. Please advise.  
**RESPONSE:** Refer to the drawing. The County will be using the SHURE MX395B/O-LED as listed in the revised bid sheet.
61. **QUESTION:** Drawings: There is additional equipment shown on the drawings that are missing from the equipment list (for example the DMPS3-4k-150-C from courtrooms 1 and 3). Please advise.  
**RESPONSE:** Please see the revised bid sheet.
62. **QUESTION:** Drawing AV-05 shows DMPS3-4K-150-C but this is not on the Bid sheet. What is the process for adding a line item that is missing?  
**RESPONSE:** Refer to drawing AV-05. Use the Crestron DMPS3-4K-150-C per the revised bid sheet.

63. **QUESTION:** Drawing AV-05 shows Crestron DM-TX-4K-100-C-1G-B-T (Qty. 2) but these are not on the Bid Sheet. Please advise.  
**RESPONSE:** Refer to drawing AV-05. Use the Crestron DM-TX-4K-100-C-1G-B-T per the revised bid sheet.
64. **QUESTION:** Drawing AV-05 shows Crestron HD-MD-400-C-E (Qty. 3) but these are not on the Bid sheet. Please advise.  
**RESPONSE:** Refer to drawing AV-05. Use the Crestron HD-MD-400-C-E per the revised bid sheet.
65. **QUESTION:** Drawing AV-05 shows Extron 60-1437-01 Distribution Amplifier (Qty. 1) but this is not on the Bid sheet. Please advise.  
**RESPONSE:** Refer to drawing AV-05. Use the Extron 60-1437-01 Distribution Amplifier per the revised bid sheet.
66. **QUESTION:** Drawing AV-05 shows Extron 60-1271-13 HDMI Ext Receiver (Qty. 2) but these are not on the Bid sheet. Please advise.  
**RESPONSE:** Refer to drawing AV-05. Use the Extron 60-1271-13 HDMI Ext Receiver per the revised bid sheet.
67. **QUESTION:** Drawing AV-05 shows Crestron DM-RMC-4KZ-100-C (Qty. 1) but Bid sheet has Qty. 2. Please specify correct # or revise drawing to show placement of the additional unit.  
**RESPONSE:** Refer to drawing AV-05. Use the Crestron DM-RMC-4KZ-100-C per the revised bid sheet.
68. **QUESTION:** Drawing AV-07 shows a Biamp EX-LOGIC expander but this part is not on the Bid Sheet. What is the process for adding a line item that is missing?  
**RESPONSE:** Refer to drawing AV-07. Use Biamp Expander EX-Logic per the revised bid sheet.
69. **QUESTION:** Drawing AV-07 shows a Cisco SG-300-28PP but this part is not on the Bid Sheet. What is the process for adding a line item that is missing?  
**RESPONSE:** Refer to drawing AV-07. Use Cisco SG300-28PP Network Switch per the revised bid sheet.
70. **QUESTION:** Drawings AV-11, AV-12 an AV-13 reference Cambridge Sound Management QT-100/QT-300/QT600 sound masking systems but there are no line drawings for the Sound masking system other than emitter speaker quantities. The Bid sheet specifies Atlas M1000R-W (Qty. 1) speaker and Atlas AA-GPN1200 (Qty.6) sound masking generator but these don't correspond to any drawings and are not a complete system. Please clarify the complete system and parts required and provide a line drawing for the Sound masking system.  
**RESPONSE:** Refer to drawings AV-11, 12 and 13. There will be a minimum of 6 emitters using Cambridge Sound Management Qt 100 (in A/V rack).



71. **QUESTION:** Lines 50-55 on the Bid sheet shows Crestron parts that are not reflected on the drawings and don't appear to be necessary for the Video system as designed. Please clarify the purpose of these parts and include on the relevant drawings if required.  
**RESPONSE:** Line items 50-55 will no longer be used. Please see the revised bid sheet.
72. **QUESTION:** Drawing AV-08 shows Crestron DM-TX-4K-100-C-1G-B-T (Qty. 2) but these are not on the Bid Sheet. Please advise.  
**RESPONSE:** Refer to drawing AV-08. Use Crestron DM-TX-4K-100-C-1G-B-T per the revised bid sheet.
73. **QUESTION:** Drawing AV-08 shows Crestron HD-MD-400-C-E (Qty. 3) but these are not on the Bid sheet. Please advise.  
**RESPONSE:** Refer to drawing AV-08. Use Crestron HD-MD-400-C-E per the revised bid sheet.
74. **QUESTION:** Drawing AV-08 shows Extron USB Extender Kit but Bid sheet specifies Crestron USB-EXT-2. Please clarify which is the desired model.  
**RESPONSE:** Refer to drawing AV-08. Use Extron USB Extender Kit per the revised bid sheet.
75. **QUESTION:** Drawing AV-08 shows Extron USB Media Bridge but this part is not on the Bid Sheet. Please advise.  
**RESPONSE:** Refer to drawing AV-08. Use Extron USB Media Bridge per the revised bid sheet.
76. **QUESTION:** Drawing AV-08 shows Extron 60-1437-01 Distribution Amplifier (Qty. 1) but this is not on the Bid sheet. Please advise.  
**RESPONSE:** Refer to drawing AV-08. Use the Extron 60-1437-01 Distribution Amplifier per the revised bid sheet.
77. **QUESTION:** Drawing AV-08 shows Extron 60-1271-13 HDMI Ext Receiver (Qty. 4) but these are not on the Bid sheet. Please advise.  
**RESPONSE:** Refer to drawing AV-08. Use the Extron 60-1271-13 HDMI Ext Receiver per the revised bid sheet.
78. **QUESTION:** Drawing AV-08 shows Crestron DM-RMC-4KZ-100-C (Qty. 1) but Bid sheet has Qty. 5. Please specify correct # or revise drawing to show placement of the additional units.  
**RESPONSE:** Refer to drawing AV-08. Use the Crestron DM-RMC-4KZ-100-C per the revised bid sheet.
79. **QUESTION:** Drawing AV-08 shows 75" Samsung QM75N but bid sheet specifies 86" Viewsonic CDE8600. Please clarify proper size and desired model.  
**RESPONSE:** Refer to drawing AV-08 for placement and use of the new model number ViewSonic CDE7520 75" 4K Premium Commercial Display per the revised bid sheet.

80. **QUESTION:** Bid sheet (line 45) refers to a part (Chief TS325TU...qty. 4) that is not compatible with anything specified for this Courtroom. Please clarify or remove from Bid sheet.

**RESPONSE:** Line item 45 will no longer be used. Please see the revised bid sheet.

81. **QUESTION:** Drawing AV-08 shows two (2) Vaddio camera systems. One is shown as a RoboShot 12 (front wall) and the other is a RoboShot 30 (back wall). The Bid sheet has two (2) RoboShot 12 systems. Please clarify if this should be one (1) RoboShot 12 and one (1) RoboShot 30 as shown on the drawings and update the Bid Sheet accordingly.

**RESPONSE:** Refer to the drawing AV-08. Use a Roboshot 12 (front wall) and the Roboshot 30 (back wall) per the revised bid sheet.

82. **QUESTION:** Line 61 of the Bid Sheet specifies a Vaddio AV Bridge but this part is not reflected on the line drawings. Please clarify.

**RESPONSE:** Refer to the drawing. Line item 61 will no longer be used. Please see the revised bid sheet.

83. **QUESTION:** Drawing AV-09 shows Shure MV395B/O-LED (Qty. 2) but these are not shown on the Bid sheet. What is the process for adding a line item that is missing? Also, please confirm the part # since there is a discrepancy on this same item in Courtrooms 1 & 3.

**RESPONSE:** Refer to the drawing AV-09. Use Shure MX395B/O-LED (qty. 2) per the revised bid sheet.

84. **QUESTION:** Drawing AV-09 shows Shure MX415 (Qty. 3) but Bid sheet species Shure MX418/C. Please specify correct part #.

**RESPONSE:** Refer to the drawing AV-09. Use Shure MX415 per the revised bid sheet.

85. **QUESTION:** Drawing AV-10 shows a Biamp EX-LOGIC expander but this part is not on the Bid Sheet. What is the process for adding a line item that is missing?

**RESPONSE:** Refer to the drawing AV-10. Use EX-LOGIC expander per the revised bid sheet.

86. **QUESTION:** Drawings AV-11, AV-12 an AV-13 reference Cambridge Sound Management QT-100/QT-300/QT600 sound masking systems but there are no line drawings for the Sound masking system other than emitter speaker quantities. The Bid sheet (lines 84-85) specifies Atlas M1000R-W (Qty. 1) speaker and Atlas AA-GPN1200 (Qty.6) sound masking generator but these don't correspond to any drawings and are not a complete system. Please clarify the complete system and parts required and provide a line drawing for the Sound masking system.

**RESPONSE:** There will be a minimum of 6 emitters using Cambridge Sound Management Qt 100 (in A/V rack).

87. **QUESTION:** Line 139 of the Bid sheet has a description of Shure MX418/C and part # MXA310B. Please clarify this line or delete if it is an error.

**RESPONSE:** Refer to the drawing AV-07. Use SHURE 15" GOOSENECK MIC MX415 per the revised bid sheet.

88. **CHANGE:** Section 4.2.6, a. shall now read: "Installation shall include supply, delivery, loading, unloading, setting and fastening equipment to walls, ceilings, floors, furniture or an structure as required; interconnect dabbling between equipment within and out of the rack, cable management; equipment alignment and adjustment. The vendor is ultimately responsible for all compatibility and functionality of the system while utilizing touchpad's for control."

89. **CHANGE:** Section 4.2.6, e. shall now read:

**Cable and Wiring –**

1. All cables should be clearly marked and identified. Interconnected devices should be marked on both ends, about 25mm from the termination and clearly visible.
2. Cables should be tied so as not damage the cables and avoid slippage and sagging.
3. Above ceiling cabling must be suspended in cable trays, or with J-hooks or other fastening devices. Cable shall not be laid directly on the ceiling grid or zip tied to pipes.
4. All Cat 6 cable, when used, must be Commscope #2-1427215-0 violet.

90. **CHANGE:** REVISED Bid Sheet is attached. All bidders must use the revised bid sheet.  
(5 pages)

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**THE BID DUE DATE REMAINS 2:00PM, FEBRUARY 20, 2020**

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**THE BIDDER IS RESPONSIBLE FOR MAKING THE NECESSARY CHANGES AND MUST ACKNOWLEDGE RECEIPT OF ADDENDUM.**

2/12/20  
DATE

  
MARGARET H. JOYNER, PURCHASING DIRECTOR  
CHATHAM COUNTY, GEORGIA

## **Juvenile Court A/V Upgrade Expectations:**

- Evidence presentation technology - The ability for counsel to visually display information to witnesses, the judge and, when present, jurors, and the gallery audience.
- Remote appearance capabilities - Videoconferencing has been especially important for remote first appearances and arraignments in criminal cases, views of the Judge, Attorneys and witness stand are important while defendants simultaneously appear remotely in court, both by videoconferencing or a direct two-way connection.
- Audio and video reinforcement capabilities - Audio Processing Equipment processing equipment is mounted in an equipment rack and includes all devices that process, reproduce and distribute audio.  
The audio processor receives the signals from the microphones and any audio playback devices, mixes them together, and routes them to the appropriate destinations.  
These mixers should provide: programmable inputs, logic outputs  
The judge should be able to see the same visual materials as the witness, court reporter and counsel and control, white-noise generator on control touchscreen.  
Control through a touchscreen interface all with ease of use in mind at the touch panel; Room equalization; Feedback elimination to reduce audio feedback; within the loudspeaker system with active filtering or other means.  
Other features to adjust to changes in the room without operator assistance should also be included such as auto-mixing with gain-sharing; Audio Echo Cancellation (AEC) Devices and Microphone Isolation
- Capturing Court Proceedings – A multi-zone output will be required at the clerks' station (beside judges' bench) in each courtroom to tie in to existing recorder.
- Assistive listening/language interpretation technology - An infrared emitter panel a transmitter, at least four headset receivers with rechargeable batteries and a charger unit
- Support for the federal Americans with Disabilities Act (ADA)
- Adequate training time on use of system for staff and a Admin level training
- Responsive support in time of failure or issue with equipment for 1 year after courtrooms are turned over to the County from upgrade
- Remove any existing A/V equipment in the courtrooms that is being replaced, (I.e. amps, mics, speakers, hearing assist and cables, BIS recorder equipment stays in place)

**REVISED BID SHEET****BID NO. 20-0008-6****PURCHASE AND INSTALLATION OF AV SYSTEM FOR THREE (3) CHATHAM COUNTY COURT ROOMS****COURTROOM NO. 1**

<b>Item No.</b>	<b>Description &amp; Mfr. Part No.</b>	<b>Qty. (EA)</b>	<b>Unit Price</b>	<b>Total</b>
1	Crestron DMPS3-4K-150-C	1	\$	\$
2	Crestron DM-TX-4K-100-C-1G-B-T	2	\$	\$
3	Crestron HD-MD-400-C-E KIT	3	\$	\$
4	Crestron WIRELESS GATEWAY CEN-GWEXER	1	\$	\$
5	Crestron 9" WIRELESS CONTROL TOUCH PANEL CRESTRON TST-902	1	\$	\$
6	Crestron 10" CONTROL TOUCH PANEL CRESTRON TSW-1060-NC-B-S	1	\$	\$
7	Crestron HDMI EXT RECEIVER CRESTRON DM-RMC-4KZ-100-C	1	\$	\$
8	Crestron FT2-700-B	3	\$	\$
9	Crestron FT2A-PLT-KEY-10 (10 pack) <b>(For use in Courtrooms 1-3)</b>	1	\$	\$
10	Crestron US Single (Type-B)	3	\$	\$
11	Crestron HDMI Retractor	3	\$	\$
12	Crestron USB-C/A Charging	3	\$	\$
13	Crestron Blank Plates (20 pack) <b>(For use in Courtrooms 1-3)</b>	1	\$	\$
14	Crestron VGA Retractor	3	\$	\$
15	Extron 60-1437-01 Distribution Amplifier	1	\$	\$
16	Extron 60-1271-13 HDMI Ext Receiver	2	\$	\$
17	Extron XPA U 1004 AUDIO AMPLIFIER	1	\$	\$
18	DENON BLU-RAY/DVD PLAYER DN-500BDMKII	1	\$	\$
19	Biamp Tesira FORTÉ AVB VT	1	\$	\$
20	Biamp Logic Expander EX-Logic	1	\$	\$
21	WIR SYS 1 WILLIAMS SOUND ASSISTIVE LISTENING WIR SYS 1 SOUNDPLUS® PRO COURTROOM SYSTEM	1	\$	\$
22	SHURE MX395B/O-LED	2	\$	\$
23	SHURE 15 " GOOSENECK MIC MX415	3	\$	\$

24	Liberty Universal Ring - DL-ADR <b>(Fourth Universal Ring is for backup use)</b>	4	\$	\$
25	Cambridge Sound Management Qt 100	1	\$	\$
26	Cambridge QT Emitters with mounting hardware (minimum qty. six) <b>*Please specify quantity needed*</b>		\$	\$
27	Cambridge QT-RC3 Room Control (Mounted in reach of judge on bench, low profile, surface mount will be acceptable or in half-wall - not on drawings)	1	\$	\$
28	ViewSonic CDE6520 65" 4K Premium Commercial Display	2	\$	\$
29	Chief X-Large Fusion Micro-Adjustable Tilt Wall Mount XTM1U	2	\$	\$
30	NEC EA234WMI-BK 23" LCD MONITOR	1	\$	\$
31	Comprehensive HDMI Cables where needed - MicroFlex Pro AV/IT 4K60 18G HDMI Cables – Can color code cables (minimum qty. fifteen for Courtrooms 1-3) <b>*Please specify quantity needed*</b>		\$	\$
32	JBL Control 47HC High Ceiling Loudspeaker (minimum qty. six) <b>*Please specify quantity needed*</b>		\$	\$
33	ELMO PX-10E Document Camera Product Code #: 1376	1	\$	\$

**COURTROOM NO. 1 TOTAL (Item No. 1-33) \$** \_\_\_\_\_

**COURTROOM NO. 2**

Item No.	Description & Mfr. Part No.	Qty. (EA)	Unit Price	Total
34	Crestron DMPS3-4K-150-C	1	\$	\$
35	Crestron DM-TX-4K-100-C-1G-B-T	2	\$	\$
36	Crestron HD-MD-400-C-E KIT	3	\$	\$
37	Crestron WIRELESS GATEWAY CEN-GWEXER	1	\$	\$
38	Crestron 9" WIRELESS CONTROL TOUCH PANEL CRESTRON TST-902	1	\$	\$
39	Crestron 10" CONTROL TOUCH PANEL CRESTRON TSW-1060-NC-B-S	1	\$	\$
40	Crestron HDMI EXT RECEIVER CRESTRON DM-RMC-4KZ-100-C	1	\$	\$
41	Crestron FT2-700-B	3	\$	\$
42	Crestron US Single (Type-B)	3	\$	\$
43	Crestron HDMI Retractor	3	\$	\$

44	Crestron USB-C/A Charging	3	\$	\$
45	Crestron VGA Retractor	3	\$	\$
46	Extron 60-1437-01 Distribution Amplifier	1	\$	\$
47	Extron 60-1271-13 HDMI Ext Receiver	4	\$	\$
48	Extron XPA U 1004 AUDIO AMPLIFIER	1	\$	\$
49	Extron USB Media Bridge	1	\$	\$
50	Extron Transmitter USB Extender Plus D T	1	\$	\$
51	Extron Receiver USB Extender Plus D R	1	\$	\$
52	DENON BLU-RAY/DVD PLAYER DN-500BDMKII	1	\$	\$
53	Biamp Tesira FORTÉ AVB VT	1	\$	\$
54	Biamp Logic Expander EX-Logic	1	\$	\$
55	WIR SYS 1 WILLIAMS SOUND ASSISTIVE LISTENING WIR SYS 1 SOUNDPLUS® PRO COURTROOM SYSTEM	1	\$	\$
56	SHURE MX395B/O-LED	2	\$	\$
57	SHURE 15 " GOOSENECK MIC MX415	3	\$	\$
58	Liberty Universal Ring - DL-ADR	3	\$	\$
59	CISCO SG300-28PP NETWORK SWITCH	1	\$	\$
60	Cambridge Sound Management Qt 100	1	\$	\$
61	Cambridge QT Emitters with mounting hardware (minimum qty. seven) <b>*Please specify quantity needed*</b>		\$	\$
62	Cambridge QT-RC3 Room Control (Mounted in reach of judge on bench, low profile, surface mount will be acceptable or in half-wall - not on drawings)	1	\$	\$
63	Chief X-Large Fusion Micro-Adjustable Tilt Wall Mount XTM1U	2	\$	\$
64	ViewSonic CDE7520 75" 4K Premium Commercial Display	4	\$	\$
65	Chief Large THINSTALL Dual Swing Arm Wall Display Mount TS525TU	2	\$	\$
66	NEC EA234WMI-BK 23" LCD MONITOR	1	\$	\$
67	Vaddio Camera RoboShot 12 Quantity	1	\$	\$
68	Vaddio Camera RoboShot 30 Quantity	1	\$	\$
69	Vaddio HDBT RECEIVER VADDIO ONE LINK HDMI	2	\$	\$

70	JBL Control 47HC High Ceiling Loudspeaker (minimum qty. seven) <b>*Please specify quantity needed*</b>		\$	\$
71	ELMO PX-10E Document Camera Product Code #: 1376	1	\$	\$

**COURTROOM NO. 2 TOTAL (Item No. 34-71) \$**\_\_\_\_\_

**COURTROOM NO. 3**

Item No.	Description & Mfr. Part No.	Qty. (EA)	Unit Price	Total
72	Crestron DMPS3-4K-150-C	1	\$	\$
73	Crestron DM-TX-4K-100-C-1G-B-T	2	\$	\$
74	Crestron HD-MD-400-C-E KIT	3	\$	\$
75	Crestron WIRELESS GATEWAY CEN-GWEXER	1	\$	\$
76	Crestron 9" WIRELESS CONTROL TOUCH PANEL CRESTRON TST-902	1	\$	\$
77	Crestron 10" CONTROL TOUCH PANEL CRESTRON TSW-1060-NC-B-S	1	\$	\$
78	Crestron HDMI EXT RECEIVER CRESTRON DM-RMC-4KZ-100-C	1	\$	\$
79	Crestron FT2-700-B	3	\$	\$
80	Crestron US Single (Type-B)	3	\$	\$
81	Crestron HDMI Retractor	3	\$	\$
82	Crestron USB-C/A Charging	3	\$	\$
83	Crestron VGA Retractor	3	\$	\$
84	Extron 60-1437-01 Distribution Amplifier	1	\$	\$
85	Extron 60-1271-13 HDMI Ext Receiver	2	\$	\$
86	Extron XPA U 1004 AUDIO AMPLIFIER	1	\$	\$
87	DENON BLU-RAY/DVD PLAYER DN-500BDMKII	1	\$	\$
88	Biamp Tesira FORTÉ AVB VT	1	\$	\$
89	Biamp Logic Expander EX-Logic	1	\$	\$
90	WIR SYS 1 WILLIAMS SOUND ASSISTIVE LISTENING WIR SYS 1 SOUNDPLUS® PRO COURTROOM SYSTEM	1	\$	\$
91	SHURE MX395B/O-LED	2	\$	\$
92	SHURE 15 " GOOSENECK MIC MX415	3	\$	\$
93	Liberty Universal Ring - DL-ADR	3	\$	\$
94	Cambridge Sound Management Qt 100	1	\$	\$



95	Cambridge QT Emitters with mounting hardware (minimum qty. six) <b>*Please specify quantity needed*</b>		\$	\$
96	Cambridge QT-RC3 Room Control (Mounted in reach of judge on bench, low profile, surface mount will be acceptable or in half-wall - not on drawings)	1	\$	\$
97	ViewSonic CDE6520 65" 4K Premium Commercial Display	2	\$	\$
98	Chief X-Large Fusion Micro-Adjustable Tilt Wall Mount XTM1U	2	\$	\$
99	NEC EA234WMI-BK 23" LCD MONITOR	1	\$	\$
100	JBL Control 47HC High Ceiling Loudspeaker (minimum qty. six) <b>*Please specify quantity needed*</b>		\$	\$
101	ELMO PX-10E Document Camera Product Code #: 1376	1	\$	\$

**COURTROOM NO. 3 TOTAL (Item No. 72-101) \$** \_\_\_\_\_

**TOTAL BID \$** \_\_\_\_\_

**Please break out warranty costs for years two (2) through three (3) below:**

Year 2	\$
Year 3	\$

**\*Details of warranty coverage should be submitted with the bid.**

**TIME REQUIRED FOR DELIVERY AFTER RECEIPT OF ORDER**

\_\_\_\_\_/DAYS (Award may be contingent on delivery)

Vendor Name: \_\_\_\_\_

Address: \_\_\_\_\_

City, State, Zip: \_\_\_\_\_

Phone number: \_\_\_\_\_ Fax: \_\_\_\_\_

Email: \_\_\_\_\_

Printed Name/Title: \_\_\_\_\_

Signature: \_\_\_\_\_