

**MULTI-SCREEN VIDEO DISPLAY WALL SYSTEM****FORMAL REQUEST FOR QUOTE****ADDENDUM NUMBER: TWO (2)****SEPTEMBER 11, 2020**

**THIS ADDENDUM IS ISSUED PRIOR TO THE ACCEPTANCE OF THE FORMAL RFQS. THE FOLLOWING CLARIFICATIONS, AMENDMENTS, ADDITIONS, DELETIONS, REVISIONS, AND MODIFICATION FORM A PART OF THE CONTRACT DOCUMENTS ONLY IN THE MANNER AND TO THE EXTENT STATED.**

**Q&A**

1. What is the approximate distance (feet) from the server racks to the video wall location? **Reference the drawings that have been provided with this addendum. IDF to screen wall - approximately 50'. Note all measurements are estimates.**
2. Provided they contain the appropriate features and functionality, is it acceptable to propose substitute brands for those listed in the RFP? **Yes.**
3. What combined bezel width is required between the 55" displays? 0.8mm, 1.7mm or 3.5mm? **Broward Health is looking for the lowest practical width between monitors as the goal is to have no visible space between them.**
4. Does the input and output selections of the 128 x 128 router require control by the control system, via the three (3) touch panels? **Vendor to advise.**
5. How large is the space (area) where the 4 x 3 video wall is located? **Reference the drawings that have been provided with this addendum. Room dimension 26' W and 33.7 L. Note all measurements are approximate.**
6. How high is the ceiling in the video wall space? **Reference the drawings that have been provided with this addendum. Ceiling height in room 8'8". Note all measurements are approximate.**
7. There are routers which can pass a 4K/UHD resolution (12GSDI). This is a very high resolution and comes with a very high price. What is the maximum resolution that the 128 x 128 router has to support? **1080p or 2160p(4K)**
8. What is the length, width and height of the room the wall will be installed in? **Reference the drawings that have been provided with this addendum Total room dimension 26' W x 33.7W x 8.8' H. Note all measurements are approximate.**
9. Does the wall have to follow ADA compliance and be a maximum depth of 4 inches, off the support wall? **Yes.**

10. Will Broward ~~County~~ Health be providing the server racks for the installation of the rack-based equipment or will the installer have to provide new equipment racks? **Yes.**
11. Will all three (3) 10" touch panels be located in the space, with the 4 x 3 video wall? **Yes.**
12. Will the audio embedder/de-embedder be connected to an HD-SDI video signal or an HDMI video signal? **Yes.**
13. What is the maximum number of sources you need to show on the video wall at one time? **Approximately 5-20 sources could be utilized ranging from: Internet, Network, TV/Comcast, VMS/Camera System, Access Control System. We are unable to provide an exact number because it would be incident dependent.**
14. Will others be providing connections to/from the 128 x 128 router? **No.**
15. What total quantity of HDMI to HDSI converters is required? **Vendor to advise.**
16. What are the in-room sources and quantities that you need to show on the video wall? **Approximately 5-20 sources could be utilized ranging from: Internet, Network, TV/Comcast, VMS/Camera System, Access Control System. We are unable to provide an exact number because it would be incident dependent.**
17. Based on the request of an RGB Spectrum Galileo for connection of the twelve (12) displays, will the RGB Spectrum GO18 model be sufficient for what is required for the operation of the video wall? **Vendor to advise. Refer to question 2.**
18. Does the input and output selections of the 128 x 128 router require control by the control system, via the three (3) touch panels? **AV contractor to answer.**
19. What is the preferred central control system of Broward Health for AV systems? (Extron, Crestron, AMX, other or vendor choice) **N/A**
20. Is there going to be power on the wall where the video wall will go? **Yes.** If yes, how many power outlets will they be? **Reference the drawings that have been provided with this addendum. Note all measurements are approximate.**
21. What is the bezel width of the video wall displays that you want? The choices are 0.88mm, 1.7mm or 3.7mm. **Broward Health is looking for the lowest practical width between monitors as the goal is to have no visible space between them.**
22. Are there any auxiliary displays (not part of the 12 wall displays) to connect the GO18 processor to? **No.**
23. What is the ceiling made of in the video wall space? Droptile, sheetrock, open ceiling? **The ceiling in the room is currently droptile.**
24. What level of sound playback do you require, i.e. is intelligible speech across the entire room an acceptable level of performance? **Yes, intelligible speech across the entire room is an acceptable level of performance.**

25. Is there a requirement for other control of the system from other PC's, or Ipads? **Yes.**
26. How many cameras do you require for WebEx? Is one enough? **Yes, one camera to be included in the quote would be adequate.**
27. What is the maximum number of TV channels you need to display on the video wall at one time? **Broward Health would like to be able to review up to 48 (maximum) channels.**
28. Will the cabling contractor test and certify all cabling? **Yes.**
29. How many external rooms inside the building will be sending signals to the video wall? **One.**
30. How many external rooms inside the building will be receiving signals from the video wall room? **None.**
31. Please make the drawing/floor plans available for design purposes. **Reference the drawings that have been provided with this addendum. Note all measurements are approximate.**
32. How many sites/rooms outside of this building will receive video feeds from the video wall room? **None.**
33. Does each remote site receive the same image? If no, how many different images do you need to send? **N/A**
34. Does each remote room receive the same image? If no, how many different images do you need to send? **N/A**
35. How many sites/rooms outside of this building will send video feeds to the video wall room? **One.**
36. How many devices need to share wirelessly to the display at the same time? **Broward Health would like up to 12 devices to share wirelessly.**
37. How many document cameras need to share to the display at the same time? **N/A**
38. Will we be able to use the Broward Health network for wired and wireless communication? **Yes.**
39. Do you have racks to house the equipment or do we need to provide racks? **Broward Health will provide the racks.**
40. What is the specific use of the Multi-Screen Video Display Wall system? **Live event monitoring via television channels and electronic media (computers, IPads, etc.) internet and network connections.**
41. How far is the Video wall location from the server room? **The video wall will be located in the EOC, which is on the west side of the space. It will be approximately 100 feet away from the data racks where the media servers will live.**

42. Is there any conduit from the back of the wall to the server room to run cables? If yes how many and what sizes are they? **The Broward Health Low Voltage contractor will be responsible for providing conduit to monitors as necessary.**
43. Will there be a server rack available? If yes how many U's can we use? **The server rack is designated to accommodate the devices essential to the video wall.**
44. Do we need to run cable from terrestrial antenna to the MDF? **No.** If so what floor is MDF on and how many floors to the roof?
45. Amplified Audio Out- what type of speakers 70volt or 8 ohm, and how many? **Broward Health would consider 8 OHM speakers to be acceptable.**
46. How many video sources/what type/connection are requested for the routing to the videowall? **Broward Health would expect a minimum of six (6) sources. Multiple sources such as internet, camera, local television, etc...**
47. Is there need of such a large HD/SDI 128x128 matrix switcher? **The request is to accommodate the largest capacity; however, Broward Health is open to discussing alternatives.**
48. What is the maximum number of video sources to be shown on the videowall at any given time? **Broward Health would expect a minimum of six (6) sources. Multiple sources such as internet, camera, local television, etc...**
49. We need a list of all components in the existing audio system to incorporate it in the design. **No components to provide.**
50. It is mentioned several times in the scope that there is webex or videoconferencing. Are there cameras, microphones, speakers already installed at this location? **No.** If so, please provide quantity and model#s.
51. The Galileo videowall processor is a chassis that comes in different sizes and is configurable based on signal type. Please clarify this configuration. **Vendor to advise.**
52. In the parts list you are requesting a (4x3 55" videowall). Typically, videowalls are 3x3, 4x4, etc. to maintain aspect ratio. Is there a reason for the particular configuration of 4x3? **Broward Health suggested configuration is based on current space allocation.**
53. In the parts list there are no quantities of any item. Please provide. **Vendor to advise based on configuration and experience.**
54. In the parts list you mention "Flat Panel Display Unit for Video Wall. That item is already included in the 4x3 55" videowall part. Is this another display needed in the room or is this a spare unit? **Spare monitor does not need to be included in this quote.**
55. What is the purpose of having the system in an HD/SDI format? We will probably have to convert every source with a converter. This is a lot of extra devices and expense. **Vendor to advise based on configuration and experience.**

56. Why is there a separate vendor responsible for all low voltage wiring? AV Integrators can't take responsibility for the connectivity of their products when a 3rd party company has provided all the cabling and terminations. Who will be responsible for service and warranty if it determined the cabling is faulty? **Low voltage vendor would be responsible.**
57. In the Scope it is mentioned that the design should have collaborative capabilities? Please provide an example. **Collaborative capabilities such as document, presentation, video and audio-sharing from external sources such as Desktop PCs, mobiles, iPad & Laptops.**
58. Is this room being used as a Conference Room or Command Center? **The room would be used as a Command Center.**
59. Are all 3-10" Touchpanels in the same room as the videowall? **Yes.** Are there multiple operators of this system? **Yes.** Are they making changes to the videowall simultaneously? **Yes.**
60. Is any furniture required for this project like a podium, operator's console or racks in the server room? **No.**
61. Please elaborate on the requirements of recording and playback. Are Pan/Tilt/Zoom Cameras involved and is there a requirement when recording of PIP? **This would be contingent on the platform on which the recording is made.**
62. Is there a streaming requirement of the videowall? **Yes.**
63. In the Scope it states that 'There are other rooms that will require additional feeds from the rack/equipment room.' Please elaborate on this request. **Broward Health will be installing security cameras on the rack as well.**
64. In the Scope there is a request for guidance of the VHF/UHF antenna. How does this integrate into the AV system? **A ham radio antenna will be installed in the same room.**
65. What is the critical nature of this room should any device malfunction? It is recommended that spare devices be quoted/ordered with the award to prevent down time. **Broward Health will consider this at the time of award.**
66. Is the location available to visit for a site survey visit? **Yes; site visits will be coordinated for the awardee.**
67. Pending answers submitted back from the Q&A and being that Labor Day is next week, 4-days is not enough to design and price this project for submittal on the Sept. 10th. Please extend the bid 1-week. **Refer to Addendum #1.**
68. Should proposals include a Cisco Codec and PTZ camera or will this equipment be provided by others? **N/A**
69. Is there a requirement to display 4 images per screen on every 55" display simultaneously or is the requirement to display 4 images per screen on 55" displays as needed (not simultaneously)? **As needed.**
70. Will onsite parking be provided for this project? **Yes.**

71. Will onsite secured storage or space for storage be made available if necessary? **Yes.**
72. Is this project subject to liquidated damages? If so, what is the amount? **Please refer to Section I., RFQ Summary Page, Section VII., Certified Diverse Vendor Subcontracting Requirements. There is no CDV subcontracting requirement for this RFQ.**
73. Is waste disposal provided for this project? **Yes.**
74. Please provide desired substantial completion date or preliminary project schedule if available. **Project will start immediately upon execution of contract with expected completion within 30 days.**
75. Please clarify the number of days bid is to be valid. **90 days.**
76. Can an alternative system that supports finite physical inputs, unlimited virtual inputs, and unlimited endpoints that allows for future expansion and additional displays be quoted to drive the video wall, and if so, what is the minimum number of physical inputs (sources) required? **Broward Health is open to reviewing alternates.**
77. Is this being installed in a boardroom setting, and is a full conference solution required that includes camera, mics, speakers? **The setting is similar to a boardroom setting; however, the microphone and speakers will not be integrated into the system.**
78. How many ATSC off-air tuners do we need to include with our proposal? **Vendor to advise based on expertise.**
79. If the existing VHF/UHF antenna requires replacement or relocation do we included this cost in our proposal? **No.**
80. There is request for the amplified audio output to support a speaker system. Can you please provide the number of speakers and wattage of the speakers to be supported? **Broward Health would need a minimum of four speakers to be supported. Speakers will be provided by another vendor.**
81. We are to provide guidance for the existing VHF/UHF antenna, how many years in service is the current VHF/UHF antenna and hardware? **To be discussed with the awarded vendor.**
82. How many HDMI - HD-SDI converters are we to include with our proposal? **Vendor to advise.**
83. Is there any Pro:Idiom encrypted TV signal that will be combined with this system or is it all clear QAM antenna signal? **The connection will be QAM.**

**END ADDENDUM TWO**