

April 4, 2017
BOARD OF COUNTY COMMISSIONERS
ORANGE COUNTY, FLORIDA
ADDENDUM NO. 2 / IFB NO. Y17-741
SHERIFF'S OFFICE COMMAND AND MONITOR CENTER

BID OPENING DATE: APRIL 11, 2017

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 April 11, 2017 at 2:00 P.M.

B. Questions and Answers:

1. **Question** - Section 27 41 13, Paragraph 1.3 A.1.a (Owner Furnished Equipment) specifies Owner furnished, Contractor installed Vizio E420-A0 Video Monitors for Main Office (100) and Command Area (102). No provisions for Wall Mounts are provided for these Monitors. Is the Owner providing Wall Mounts for these Vizio Monitors? Please advise.

Answer – Refer to details on Sheet T902. Responsibility for monitors and brackets is noted.

2. **Question** - Section 27 41 13, Paragraph 2.2 C.5.a &.b (HDMI Matrix Switcher) specifies: a. The Switcher shall be configured for inputs/outputs as shown on the drawings.

We assume that all since it is shown on Technology drawing T903, Block Drawing section that all input/output cards (except for next RFI question below) for the HDMI Matrix Switcher are HDMI and not Extron XTP Transmitter and Receiver Boards with RS-232 and IR Insertion. Please advise.

Answer – Refer to Detail 1 on Sheet T903. Design intent is for HDMI signals. Additionally, notes associated with Detail 1 indicate Contractor is to provide and install HDMI Extenders on all cables exceeding 50'.

3. **Question** - Section 27 41 13, Paragraph 2.2 C.6.a1 (HDMI Matrix Switcher/Basis of Design) specifies Extron XTP CP 4i HDMI Input Boards and XTP CP 4o HDMI Output Boards. However, Technology drawing T903, Block Drawing section, shows dedicated Audio outputs for Audio

Out 29-32 on the HDMI 32x32 Matrix Switcher Card Case. Should this one card be the Extron XTP CP 4o SA Analog Stereo Audio Output Board? Please advise.

Answer – Yes. Since there are only two audio zones it is necessary to program the system to allow audio from any particular source to be routed to the audio speakers within each zone.

4. **Question** - Section 27 41 13, Paragraphs 2.2 H.4.a.2 (Video Monitors (55")) and 2.2 I.4.a.2 (Video Monitors (70")) specifies for Contractor provided Monitor Wall Mounts. Are the Wall mounts to be provided all Fixed, Tilt or Full-Motion types, or a combination of all three? If different types are required, please provide quantity and type of Wall Mount.

Answer – The Owner has requested fixed mounts.

5. **Question** - Section 27 41 13, Paragraphs 2.2 G (Video Patch Panels) states that the Patch Panel should be configured to allow HDMI video to be input to rack mounted equipment with connectors to allow input and output of the specified signals.

According to the Block Diagram on the Technology drawing T903, the only inputs/outputs required for the Patch Panel are (2) connections for Portable Equipment consisting of: (1) Composite Video and Analog Audio connection and another (1) VGA and Analog Audio connection. Please confirm and advise if other connections are required.

Answer – What is shown in the drawings is what was discussed during design. However, the successful bidder shall, prior to providing submittals, submit an RFI to allow this issue to be revisited and verified with the Owner. Further, since the patch panel is a custom patch panel the bidders shall assume a total of six (6) sets of connectors be required to allow Owner some future flexibility.

6. **Question** – Section 27 41 13, Paragraphs 2.3 J.3 (Projection Screens) specifies screen Size: 42" x 92"; Nominal Diagonal of 106". I believe this is a typo and should read Size: 52" x 92"; Nominal Diagonal of 106". Please advise. Section 27 41 13, Paragraphs 2.3 J.3 (Projection Screens) specifies screen Size: 42" x 92"; Nominal Diagonal of 106". I believe this is a typo and should read Size: 52" x 92"; Nominal Diagonal of 106". Please advise.

Answer – Correct. The screen size should read 52" x 92" for a 16:9 format screen.

7. **Question** – Section 27 41 13, Paragraphs 2.4 C.1.a (Cable/Video/Shielded Category 6) specifies Extron XTP DTP 24 Category 6 cable or acceptable substitution to transport video signal. However, there are no HDMI to DTP transmitters or receivers specified within this IFB.

Answer – HDMI Pro Series HDMI cables or approved equal.

8. **Question** – On Technology drawing T101, Hex Note 4 states that (4) shielded Category 6 cables are to be run from Room 2034 to 116. We assume that this is for future use since drawing T903 shows no place for termination of these cables. We assume that contractor would run, label and coil cable for future use. Please advise.

Answer – Per Hex Note #1 on Sheet T101 the Contractor shall coordinate with the Owner for termination point of cables. It is our understanding that there are existing patch panels with spare capacity.

9. **Question** – P .101 drawing shows what looks like sanitary line "Overhead" of a floor plan layout for Kitchen/ break area sink being installed. Note 3 on side panel states "sump pump"? Unless this is a self- contained unit being pumped from ... it's illegal and needs further elaboration clarification. No reference in Plumbing spec. (boiler plate addition) or Detail.

Answer – Note 3 refers the Contractor to the Pump Schedule on Sheet P-100. The basis of design is a self-contained pump suitable for this application.

10. **Question** – Do you have to supply the Electrical Panels "LPA and UPSA", or they already exist?

Answer – LPA and UPSA are existing.

11. **Question** – What's the distance between the Electrical Room 1309 and the New Electrical Room?

Answer – Approximately 250'.

12. **Question** – What's the distance between the Electrical Room 1017 and the New Electrical Room?

Answer – Approximately 50'

13. **Question** – Exterior Windows and Bullet Resistant Panels– is it the intention to have ballistic rated exterior windows per specification 085113 as well as Bullet Resistant Panels per specification 134715 covering the windows from the inside?

Answer – Spec Section 08 51 13, Part 2.1 Aluminum Window AA900 Fixed Window is a Storm Impact Resistant Exterior Window with Spandrel Glazing, refer to FL13340 product approval. The ballistic rating will be provided by ArmorCo Kevlar UL-752 Level 3 panels that will cover the windows from the inside. Refer to Detail A5 on Sheet A501.

14. **Question** – HVAC Ductwork-DrawingM-601 Duct Construction Schedule indicates–Ductwork upstream of VAV boxes to be double wall –20 ga stainless steel outer and 20 ga galvanized inner. This is the round duct as shown on drawing M-101. Please confirm if this is correct?

Answer – Material should be “single wall sheet metal”. The only difference from downstream ductwork should be the pressure class. Please note: the upstream ductwork designation applies to supply main within the space as well.

15. **Question** - What are the dimensions of the main feeder?

Answer – The distance to the panel feeding the new panel; please refer to answer for question #12 of this addendum.

16. **Question** – Where is the UPS panel location?

Answer – Room 1309, refer to answer for question #11 of this addendum.

17. **Question** – What is the Sub panel A location and distance to new addition?

Answer – Room 1017; refer to answer for question #12 of this addendum.

18. **Question** – Location room 1309-1017 and distance to new addition?

Answer – Refer to question #11 and #12 of this addendum.

19. **Question** – Nite lights and battery packs are not included in blue prints?

Answer – Entire Facility is on generator back-up.

20. **Question** – Appliances: Which appliances are owner furnished and which are contractor furnished? No equipment schedule plan.

Answer – Appliances are acquired by Orange County Sheriff’s Office (owner) and installed by GC. Refer to the A900 equipment reference plan.

21. **Question** – Who has existing controls on this building?

Answer – Trane.

C. The Bidder/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 bid or proposal.

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

Receipt Acknowledged By:

Authorized Signature

Date Signed

Title

Name of Firm