

Scott Emergency Communications Center

Project SCFSS10-1201

Pre-bid questions/clarifications and responses – questions in **black**; responses in **blue**.

1. Q: In the signal flow diagram for the Training Room – A114 no output is shown from the Extron DVI switcher part number 60-965-01. Please provide signal flow information as to where this signal will need to be routed.
A: The output signal from the Extron DVI switcher is to feed directly into the DM-TX-201-C's. This will allow for us to send the signal back to the Server room and use the loop out on the DM-TX-201-C to send a signal to the display.
2. Q: No mounts are listed on the Equipment Schedule for the Samsung 320MP-2 32" displays in the Dispatch Room (19 consoles total) and in the Training Room (4 consoles total). Are these mounts, with any mounting plates or hardware required for a complete installation going to be provided as part of the Owner furnished consoles that were currently in place at the time of our site visit? Please advise.
A: Mounts are included with the console furniture. The AV Contractor should install the 32" displays to owner provided articulated arms.
3. Q: On sheet AV1.02 (4) arrow plan mark symbols are shown with the description "sysname" in the signal flow diagram for the Server Room – A130. These (4) sources are shown as inputting a DM signal into (4) Crestron DMC-C cards housed in the Crestron DM-MD16x16 Digital Media Switcher Chassis located in the OFE AV rack in the Server Room. Please verify what devices these arrow plan marks are representing.
A: These four sources represent the individual DM feeds from the four DM-TX-201-C's planned for each of the consoles in Training Room A114. (Dave I will update the drawing for better representation and send with question 1.)
4. Q: A Whirlwind PRESSMITE active press box is shown on the equipment schedule for JIC – A113 in Appendix C and is not shown on the signal flow diagram on sheet AV1.02. What is the purpose of this item and where is it to be installed in the signal flow of the AV system for the JOC? Please advise.
A: Press box is not on drawings as this piece is to be end user installed as needed during press events. Press Box will be connected to the custom facility panel in the Lobby.
5. Q: No programming tab was shown on the equipment schedule for the Dispatch – A136 bid sheet. Should we add a separate line item for programming, as is shown on the other breakouts that have programming, or should we lump it in with the Labor – Installation category that is given on the breakout? Please advise.
A: Yes. If this line item is not there, that was an oversight. Please provide a separate line for programming.
6. Q: At the prebid meeting you had mentioned that you would provide us a copy of the technology drawings for the building that showed the layout of conduits and cable trays to help us in determining cable lengths and pathways for this project. If at all possible please provide this information to us at your earliest convenience in order to ensure the best possible pricing and accurate bids for the cabling portion of this project.
A: Drawing posted to County website.
7. Q: A BluRay player is mentioned on page 48 of the Scope of Work for the JIC room, as well as on page 50 for the EOC, however is not shown on either of the signal flow diagrams for the corresponding rooms or on the equipment schedules in appendix C. Please advise on the

accuracy of the information provided in the Scope of Work. Is this to be a OFE item? Please advise.

A: This is no longer required. The signal flow is correct, not the portion of Scope referring to the Blu-Ray Player.

8. Q: At our site visit you had mentioned that you were going to make firestopping the responsibility of the Electrical / Technology contractor (Tri City Electric) on the project. Under section 3.07 of the Scope of Work for this project it states that firestopping should be the responsibility of the AV contractor on the project. If it is your intention to have firestopping be completed by the Electrical Contractor on the project, in order to leave the existing pathways open, and facilitate easier cable placement by the AV contractor, please acknowledge this change in an addendum so we do not include pricing for firestopping in our quote, in order to ensure the most cost effective quote as possible.

A: The installing contractor is responsible for fire-stopping any cabling they install.

9. Q: After reviewing the Equipment Schedule for the Server Room it was determined that no power supply for the Crestron CP2E control processor was listed in the equipment schedule or on the signal flow diagram. The CP2E processor requires a separate power supply to power all Cresnet devices that are connected to it. After completing the power calculations for the CP2E, the (2) TPS-400L touch panels, and the (1) C2N – DB keypad that are connected to the CP2E, it was determined that 71 watts of power is required to make the system function. I would suggest going with the Crestron C2N-SPWS300 300 watt power supply. This will give you room to add additional Cresnet devices as time goes on, without having to upgrade to a larger power supply. I would also suggest adding a Crestron C2N-HBLOCK Cresnet distribution block. This will allow for all Cresnet devices to be connected to the distribution block and then one single Cresnet cable would be run from the C2N-HBLOCK to the CP2E processor. Please provide a determination on which power supply will be required in the form of making a change to the equipment schedule in an addendum to the RFQ.

A: A power plan was not provided due to the potential for a non-Crestron solution and the multitude of optional solutions. Provide a Crestron (or brand appropriate to the proposed equipment) power supply adequate to power all system equipment as currently designed. No system expansion is required as part of the base bid. You may provide any recommended system upgrades as an alternate add-on bid.

10. Q: In section 2.03 (Power Devices) of the Scope of Work it states that the contractor is required to provide acceptable power distribution units as required to supply power to the Contractor and Owner-Furnished equipment. No power distribution equipment was shown on the Equipment Schedule or in the Signal Flow diagrams. Please advise what type of power distribution, surge protection, power conditioning, or power sequencing equipment is required as part of the AV system.

A: This clause is to ensure the AV contractor will account for and provide sufficient power supplies for all CONTRACTOR PROVIDED EQUIPMENT only. Rack Power and conditioning will be provided by the Owner in the form of UPS backed 110v "Panduit or equivalent", rack mounted power distribution unit. If contractor requires more than 15(each) 15a 110v power receptacles; or if transformers or power cord configurations impair the use of some owner provided receptacles, contractor will be required to supply their own additional power strips to facilitate powering the AV equipment.