



Addendum Date: February 04, 2022

Closing Date: February 11, 2022 @ 11:00 A.M. Eastern

Total Page(s): 4

Questions/Answers:

Question #1: Specification 271500, Section 2.18 calls for cabinets to be 84" (Height) x 30" (Width) x 48" (Depth). However, in drawings TE800.1 – TE802.2, there are four different measurements required, depending on which TR the cabinet resides in:

- a. MDF (CA LL2): 28"x42"x84" (drawing TE800.1, note #3)
- b. Server Room 853 (POB 8th Floor) 7'x30"x42": (drawing TE801.2, note #8)
- c. IT126 (WP 1st Floor) 24"x36": (drawing TE802.1, note #3)
- d. DATA 319 (WP 3rd Floor) 24"x 24": (drawing TE802.2, note #2)
 - i. Which cabinets should we propose? The 84"x30"x48" in the spec, or the various sizes noted on the drawings?

Answer #1: The City IT Dept is requesting we standardize floor cabinets to 84"x30"x42". They feel the 48" ends up getting too cluttered in the back and causes them more grief in the long run. This does not apply to wall mount cabinets or to 911.

Question #2: For Wireless Access Point (WAP) cabling, are 24-port or 48-port Category 6A patch panels required in each Telecom Room?

Answer #2: A 24-port shall suffice.

Question #3: Specification Section 27 15 00 2.01 Manufacturers – Please clarify specific Panduit product required for Cat6 jacks: Net Key or Mini Com.

Answer #3: Mini-Com.

Question #4: Is there a particular jacket color required for security camera Category 6 cable?

Answer #4: Orange. Patch cables should be Orange as well.

Question #5: Are cables to security cameras to be terminated with Category 6 outlet and surface mount box, or with male modular RJ45 plugs? If outlet, what color?

Answer #5: RJ45 (8P8C) are preferred on the device end.

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Question #6: Are Category 6 patch cables required to be provided for camera cables at patch panels?

Answer #6: Yes.

Question #7: Can Category 6 and Category 6A patch cables be generic or Panduit?

Answer #7: These may be Panduit or Cables to Go.

Question #8: Can fiber patch cables be generic or Panduit/Corning?

Answer #8: City of Knoxville IT is purchasing these separately. They should be removed from this RFP.

Question #9: Yesterday, it was said that CommScope was spec on the “fiber” but, you would take an equal if there were long lead times, etc. My question is, is it CommScope for the cable only or is it CommScope for both the cable and the termination boxes, etc.?

Answer #9: Corning is the preferred fiber.

Question #10: Can you provide clarification on the requirement that “*Proposers are to include: Litigation history for the last ten (10) years*”?

Answer #10: Proposers are to confirm whether their company has been involved in any arbitration and/or litigation for any reason in the last 10 years. If so, please elaborate (e.g. cause of litigation, time period litigation occurred, status or resolution).

Question #11: It was mentioned during the zoom meeting that analog phones and coax TV cabling has been removed from the project scope. Does this also include the backbone analog 25/50 pair and RG11 coax cabling?

Answer #11: Copper Feeder Cable shall remain, RG11 coax is being removed from drawings except for EMA and 911 areas.

Question #12: As a company standard, we use Leviton fiber connectivity and hardware. We also install AFL fusion spliced connectors on the fiber strands. We would also like to propose Berktek/Leviton fiber cabling. Would those manufacturers be acceptable?

Answer #12: No, the required solution is Panduit/General Cable. Panduit connectivity along with General Cable. All PBA managed buildings have the identified connectivity and are required to comply with this standard.

After the pre-bid meeting and walk through, we checked with Panduit and General Cable and neither have inventory or delivery issues, therefore this is a firm requirement.

Note: City of Knoxville IT has requested we remove CAT 6 patch cables from the RFP with the exception of the one for AP's and cameras as specified above. Their intent is for their installation vendor to provide their patch cords per their unique color-coded specifications.

Question #13: RFP Solicitation Number 2022.003

Section 3.4

- a. Certifications: Please clarify what is required; there is not any equipment utilized that would require a certification in this project.
- b. Permits and License: Please define what is expected i.e. State of TN Contractors License, City of Knoxville Business License, Knox County Business License.

Answer #13: Regarding a. Certifications:

- i. Must be Panduit Certified installers so they can provide the Panduit warranty documents including, but not limited to, cable test results and as built drawings.
- ii. Must employ at least one (1) Bicsi RCDD.

Regarding b. Permits and Licenses:

A current State of Tennessee Contractor's license as well as County and/or City Business Tax Licenses, as applicable, will be required.

Question #14: Specification Section 27 00 00

1.04 Work Included

- a. Will an addendum be issued to clarify exactly what work is included in this RFP?

Answer #14: See the Clarifications Section included in Addendum I.

Question #15: 1.09 Contractor Qualifications:

- a. Item C: Please confirm the RCDD certificate is required with Bid Submittal.
- b. Item C: Please clarify this requirement as there is not any Crestron in this project.

Answer #15: Regarding a. RCDD Certificate: Confirmed, this is to be included with your submittal.
Regarding b.: This is not required.

Clarifications:

Scope to include the following items:

- All structured cabling (UTP) products
 - Voice/data/Wireless Outlets
 - CATV outlets
 - Camera Outlets
 - Backbone Infrastructure Cabling (Fiber Optic and Copper)
- Comm Room build-outs
 - Racks
 - Ladder racking and associated hardware
 - Horizontal/Vertical Wire Mgmt
 - Termination Hardware (Fiber Optic and Copper)
- Grounding and Bonding solution
- Firestopping

Exclusions

- Audio/Video applications and cabling
- Access Control Solutions and cabling
- CCTV Solution and Hardware
- Interview Room Recording Solution
- Overhead Paging (Removed from project)
- ALL Active equipment (Switches, AP's, UPS's/PDU's.. etc)
- Emergency Responder Radio Communication
- Low Voltage Pathways (Conduit, Cable Tray, Sleeves..etc)

Section 27 15 00 – 2

- Paragraph 1.04
 - Item D – AP cabling should be CAT 6A to accommodate the increasing demands of PoE.
 - Camera Cat 6 cable should be Orange in color

Section 27 15 00 – 4

- Paragraph 2.01 Fiber connectors to be Corning Uni-Cam LC. Fiber housing and adapters should be Corning (Panduit acceptable alternative).

Section 27 15 00 – 8

- Paragraph 2.18
 - o Item B Cabinet dimensions (all cabinets should be except wall mounted and E911 server room)
 - Height: 45U (84")
 - Width: Server (30")
 - Depth: 42" (not 48" per City request)

Deletions/Additions:

Deletion #1: Bill of Materials is being moved to Tab VI of the submittal

TAB IV **PROPOSED COSTS – NOTE: These items are to be included in a separate, sealed envelope within your submittal package.**

- Proposers are to complete and include Section VI – Pricing
- Proposers are to include a Bid Bond in the amount of 5% of their total proposed price
- Bill of Materials

Addition #1:

TAB IV **PROPOSED COSTS – NOTE: These items are to be included in a separate, sealed envelope within your submittal package.**

- Proposers are to complete and include Section VI – Pricing
- Proposers are to include a Bid Bond in the amount of 5% of their total proposed price

Deletion #2: Bill of Materials is being moved to Tab VI of the submittal

TAB VI **COMPANY’S PROJECT APPROACH**

Proposers are to detail the Company’s planned approach for completing this project relating to the services requested in this RFP (e.g.: number of crews, number of members per crew, timeline).

Addition #2:

TAB VI **COMPANY’S PROJECT APPROACH**

Proposers are to detail the Company’s planned approach for completing this project relating to the services requested in this RFP (e.g.: number of crews, number of members per crew, timeline). A complete Bill of Materials listing each item and the total quantity of each item is to be included with company’s project approach.

End of Addendum #1.

Addendum must be acknowledged in Tab III of the submittal.



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