

ADDENDUM No. 3
ITB 4311 – City Hall Network Cabling Project
City of Ann Arbor
Due: Thursday, November 21, 2013 by 10:00 a.m.

The following changes, additions, and/or deletions shall be made to the Invitation to Bid for the City Hall Network Cabling Project - 4311, on which bids will be received on or before 10:00 A.M. Thursday, November 21, 2013.

The information contained herein shall take precedence over the original documents and is appended thereto. This Addendum includes **4 pages** and the changes listed below are identified by page number within the bid document.

The Contractor is to acknowledge receipt of this Addendum No. 3 on page P-1 of the Bid Documents prior to submitting its Bid.

Questions and Answers

Q: Does the vendor need to supply the keystones? If so, what color?

A: Yes. The bid document does not specify keystones in Table 3 – Required Equipment and Materials on Page BF-7. The following keystones are acceptable in the bid submission and total numbers are to be determined by the bidder based upon the bid document specifications:

- Part Number OR-TJ600-36 Blue, Flush, and
- Part Number OR-63700006 F Connector F/F Fog White.

Q: Does the vendor need to supply the faceplates? If so, what color do you prefer?

A: Yes, the bid document specifies appropriate cable terminations but does not specify faceplate make or model in Table 3 - Required Equipment and Materials on Page BF-7.

The following faceplates are acceptable in the bid submission and total numbers are to be determined by the bidder based upon the bid document specifications:

- Part Number OR-40300548 2 port single gang,
- Part Number OR-40300546 4 port single gang.
- Part Number OR-40300545 6 port single gang.

All face plates are to be Fog White in color.

Q: Does the vendor need to provide old construction low voltage data boxes for all locations or can the vendor utilize the existing data/com boxes that are in place?

A: Yes. Bidder will need to provide old construction low voltage data boxes where needed.

Q: Is there insulation in the walls?

A: Yes, in some walls.

Q: For surface mounting on pillars or outside walls, is a commercial grade plastic surface mount acceptable or would you like to see a metal solution?

A: Paragraph 8 on Page SW-1 states the following:

“Where exterior walls or columns exist, vertical cabling will be installed and covered with commercial-grade wire molding....” **Commercial-grade plastic molding is acceptable as long as it can be secured to the wall and is paintable.**

Q: Can bridle rings with Saddles be used in place of J-hooks?

A: Yes. Specify exception in Section 2 – Material and Equipment Alternates on Page BF-3 of the bid document.

Q: Will the cabling contractor be required to place sleeves or conduit paths?

A: Yes. The bid document does not specify sleeves or conduit paths in Table 3 – Required Equipment and Materials on Page BS-7. Sleeves or conduit paths will be necessary for each new data closet. Any manufacturer is acceptable. Total numbers to be determined by Bidder based upon the bid document specifications.

Q: Is the Category 5e UTP 4-pair cabling for this project required to be a min-compliant, (200 Mhz) cable or an Enhanced (350 Mhz) cable?

A: The bid specification document does not specify in Table 3 – Required Equipment and Materials on Page BS-7. Category 5e UTP 4-pair cabling will be enhanced (350 Mhz) Solid strand is required.

Q: Will we be required to provide the termination hardware, i.e., optical fiber connectors, connector panels and optical fiber cabinets for this project as it is my understanding that the optical fiber backbone cabling will be terminated and tested by others and is not part of this project scope.

A: As stated in Pages BS-1 through BS-8 of the bid document, bidders will provide required fiber, boxes and connectors. The City will make the terminations, test and validate connectivity.

Q: Which document take precedence, the drawings or Table 2 on page BS-4 as it directly relates to the cable drop, pair and strand counts per floor?

A: The Drawings show the locations of the terminations, Table 2 shows a count of Network Drops, Coax Drops, Telco Extension and Fiber Extensions.

Q: Can we receive a copy of the bidder's sign-in sheet?

A: Posted to the City's website.

Q: Says Fiber will be terminated by Owners. Are we to just pull the Fiber and coil near rack? Or are you speaking about the "patching"?

A: As specified in Pages BS-1 through BS-8 of the bid document, Owners will terminate all fiber; Vendor will provide Fiber from splice locations to rack.

Q: Please confirm there will be no floor coring in the closet.

A: As specified in Pages SW-1 and Pages BS-2 through BS-5 of the bid document, there will be no floor coring. All cabling will be above the floor.

Q: With only the cut out of the floor plan available, Is there a footage that we should be working on for all the back bones?

A: As specified on Page BS-5 and BS-8 of the bid document, the scale on the drawing is 1/8" = 1 foot. The total footage can be determined by the bidder using the Floor Plans provided on the City's website.

Q: If my assumption is correct in that the City will terminate the Fiber, Are we to provide Bulkheads and patch cables? If yes, what type?

A: As specified on Page BS-7, Table 3 – Required Equipment and Materials, the required fiber parts are listed. As stated in Pages BS-1- through BS-8, the City will provide patch cables.

Q: Are we to provide CAT5e patch cables?

A: No. The City will provide patch cables.

Q: Are we to terminate RG-11?

A: Yes as specified in the bid document.

Q: Are we to terminate 25 pair?

A: Yes as specified in the bid document.

Q: RFP calls for 6 strand fibers and the parts list calls out for 12 strands

A: As specified in Pages BS-1 through BS-8, the old closets have 6 strands per closet to be routed to the new closet combining both 6 strands to 1 - 12 strand rack.