



Addendum #2
RFP #46-24, Fiber Optic Installation and Maintenance Services
June 26, 2024

NOTICE IS HEREBY GIVEN that the following addendum serves to provide clarification and to answer the questions received on RFP #46-24, Fiber Optic Installation and Maintenance Services.

Question 1: What type of fiber will be used for IT segments? How many strands?

Answer to Question 1: *The fiber to be used is OSP loose tube. Assume 48 strands for all IT segments, and 144 strands for all ATMS segments.*

Question 2: How many strands will be needed on GatorPatch fiber in ATMS segments?

Answer to Question 2: *This is to be determined.*

Question 3: How many fibers will be terminated by fusion splice at each location?

Answer to Question 3: *This is to be determined.*

Question 4: SEGMENT 1: Fire44- Is there a Fiber enclosure at Parkway Dr and S Gulfview Blvd?

Answer to Question 4: *There is not a fiber enclosure for SEGMENT 1: Fire 44.*

Question 5: SEGMENT 2: NGSub- Is there a fiber enclosure out front of NG Recreation Center (900 N Martin Luther King Jr Ave)?

Answer to Question 5: *There is not a fiber enclosure for SEGMENT 2: NGSub.*

Question 6: SEGMENT 3: Fire45- Is there a fiber enclosure at Cleveland St?

Answer to Question 6: *There is not a fiber enclosure for SEGMENT 3: Fire45.*

Question 7: SEGMENT 7: MLNP- Is there a fiber enclosure at SR590/McMullen Booth Rd?

Answer to Question 7: *There is not a fiber enclosure for SEGMENT 7: MLNP.*

Question 8: SEGMENT 8: Causeway- Are there fiber enclosures at both ends? Any details on how the fibers will be terminated in this segment?

Answer to Question 8: *No fiber enclosures at either end of SEGMENT 8: Causeway. Terminations are to be determined.*

Question 9: SEGMENT 9: Cleveland St- Is there a fiber enclosure at Keene & Cleveland? Does this fiber need to be run directly to FS47? Or, can we use the fiber from segment 5 FS47 to FS48, add a splice point at the intersection of Cleveland & Hercules?

Answer to Question 9: *There is not a fiber enclosure for SEGMENT 9: Cleveland St. A splice can be used.*

Question 10: SEGMENT 10: PCPW- Is there a fiber enclosure at Drew Street and Old Coachman?

Answer to Question 10: *There is not a fiber enclosure for SEGMENT 10: PCPW.*



Question 11: SEGMENT 1 ATMS - Is there a fiber enclosure at Causeway Blvd?

Answer to Question 11: *There is not a fiber enclosure for SEGMENT 1: S Gulfview Blvd to Causeway Blvd under ATMS.*

Question 12: SEGMENT 8 ATMS - Is there a fiber enclosure at 1717 N Keene Rd?

Answer to Question 12: *There is not a fiber enclosure for SEGMENT 8: Sunset Point Rd & US-Hwy 19 to 1717 N Keene Rd under ATMS.*

Question 13: SEGMENT 11 ATMS - Is there a fiber enclosure at 1700 N Belcher Rd?

Answer to Question 13: *There is not a fiber enclosure for SEGMENT 11: Old Coachman Rd & Sunset Point Rd to 1700 N Belcher Rd under ATMS.*

Question 14: ATMS -There are many segments from one traffic cabinet to the other traffic cabinet, GatorPatch connectorized end will be placed inside each traffic cabinet, will an enclosure be required in between to splice both bare fiber end? Could you please add more details about these scenarios?

Answer to Question 14: *Enclosures may be required. Respondents should demonstrate their familiarity and experience via design recommendations that incorporate efficiencies, best practices, and future flexibility.*

Question 15: Connection type - Will SC/UPC termination be used for all segments?

Answer to Question 15: *The City uses UPC as our standard for all terminations both, Singlemode and Multimode. Depending on the site however, we may use LC/SC/ST connectors.*

Question 16: Will the City be providing any materials?

Answer to Question 16: *The City will not be providing any materials.*

Question 17: Have the existing conduit pathways been proofed?

Answer to Question 17: *Yes, where conduit is present pathways have been proofed, however, allowances for proofing should be incorporated as a task since conditions are dynamic.*

Question 18: What size are the existing conduits? Are there currently facilities in these conduits?

Answer to Question 18: *The number and sizes differ; assume all existing facilities have existing infrastructure. Where existing conduit is identified, assume there is adequate capacity.*

Question 19: · At termination locations, will we be terminating in building? If so, do you have pictures of the comm rooms and locations of the existing building entrance locations?

Answer to Question 19: *For endpoints at building locations terminations will be in-structure. Pictures are not available.*

Question 20: Do you have approx. distances from the building entrances to the termination points?

Answer to Question 20: *Specific distances are not available. A standard distance of 250' (ft) can be used for all locations.*



Question 21: Can you clarify how many fibers are needed per segment? What size fiber would you like to use?

Answer to Question 21: Reference Answer to Question 1 above and Addendum 1, Answer to Question 7.

Question 22: Will you allow sub-contractors on this project?

Answer to Question 22: Yes however, all subcontracts must be approved by the City and the primary respondents will assume all responsibility, liability, and must facilitate all communications for subcontractors.

Question 23: What will be used to connect the ground wire to the ground rod?

Answer to Question 23: This is open to the Respondents recommendation.

Question 24: Is there a specific locate wire surge protection system you would prefer?

Answer to Question 24: This is open to the Respondents recommendation.

Question 25: What size conduit will be used on the segments that don't specify a size in the bid documents?

Answer to Question 25: Reference Addendum 1, Answer to Question 1.

Question 26: Will we be standardizing with a 12-port fiber terminal where terminals are needed?

Answer to Question 26: Yes, 12-port fiber terminals will be standard on new terminations.

Question 27: What will be the approved working hours and days?

Answer to Question 27: Working hours may vary depending on the location of services (e.g. traffic impacts). If rates vary based on the time of day, Respondents should provide hourly rates based on the different times offered.

Question 28: Do you know of any moratoriums that will fall in the build schedule?

Answer to Question 28: None for purposes of estimates.

Question 29: Will segments with water crossings be bored or will we use a bridge attachment?

Answer to Question 29: Bridge attachments will be used.

Question 30: What will be the process when splicing into existing fiber or opening existing splice cases? How will this be coordinated? Who is responsible?

Answer to Question 30: Splicing into existing fiber will be coordinated with City; specific strands will be identified, and work will be coordinated such that both parties are available for validation, testing and outage response.

Question 31: What will be the process when splicing or entering an existing traffic cabinet? How will this be coordinated? Who is responsible for the coordination?

Answer to Question 31: A professional communication protocol and plan is expected from all Respondents.

Question 32: What will be the process when working in a building termination point. How will this be coordinated? Who is responsible for the coordination?

Answer to Question 32: See Answer to Question 31 above.



Question 33: What are the resting specs for turn over?

Answer to Question 33: The testing specs can be found in Exhibit C_Materials and Specifications under section H. DIAGNOSTICS/TROUBLESHOOTING.

Question 34: What will be required for the total close out package per segment, and for the project?

Answer to Question 34: Each segment will be closed individually, and the as-built documentation will include the final horizontal path (accurate to +/- 6"), bore depths where applicable (accurate to +/- 6"), structure locations, and loss measurements for each strand. These may be subject to field inspection and verification.

Question 35: Will the fiber be loose tube or ribbon?

Answer to Question 35: Loose tube is currently used; ribbon can be recommended if there are cost or performance advantages.

Question 36: Will this fiber be Dielectric?

Answer to Question 36: Not as a standard for estimates.

Question 37: Can the City provide a list of materials that the contractor needs to provide and a list of City provided materials?

Answer to Question 37: Reference Answer to Question 16 above.

Question 38: Can the respondent drop additional respondent owned fiber optic cable in the new conduit?

Answer to Question 38: No, the Respondent cannot drop additional Respondent owned fiber optic cable in new or existing conduit.

Question 39: Can you let me know if this a set response (bid) form for the response to "Tab 4 – Cost of Services"?

Answer to Question 39: There is no bid form for "Tab 4 - Cost for Services" due to the variation in vendor materials.

End of Questions and Answers

All other dates and terms and conditions remain the same in this Request for Proposal.

End of Addenda