



VILLAGE OF OAK PARK

BID NO.: 18-1107
PROJECT NAME: Fiber Infrastructure RFP
DATE ISSUED: 11-26-2018

Addendum 3

Answers to submitted questions

1. Is it mandatory to bid the optional items such as the 5-Year Maintenance or 5 Year locate service?
Answer: No.
2. Are the pathways into the buildings already in place or are we to assume a pathway will need to be constructed in each one.
Answer: No. Please include costs to construct entrance lateral into each municipal and school district facility.
3. With the locations where the building entrance has been identified, is there an existing handhole connected to the locations already in place?
Answer: No. New entrances are assumed for most locations as the existing approaches may not offer efficient routing for the lateral from the new backbone fiber path into the facility and existing entrances often include aerial components that new construction will avoid.
4. "If existing building entrances are unusable, new building entrances shall be established for all hub and anchor sites for both Village of Oak Park and School District 97 facilities." If existing paths are unusable, additional work is required; will contractor be compensated for additional work?
Answer: Yes. New entrances are assumed for most locations as the existing approaches may not offer efficient routing for the lateral from the new backbone fiber path into the facility.
5. Do all the buildings have designated entrance points from the outside? If so and there are existing cables sharing the entrance point, will there need to be verification of continuity during the engineering phase?
Answer: New entrances are assumed for most locations as the existing approaches by incumbent service providers may not offer efficient routing for the lateral from the new backbone fiber path into the facility. Existing entrances often include aerial components that new construction will avoid.
6. 4cell microduct or 4-way Future path comes in multiple microduct sizes. Please verify which size microduct will be required.
Answer: 16/13 mm will support installation of up to 288 strand fiber cabling.
7. Is 4-cell microduct the only possible product to be used? Will there be a carrier conduit required to be installed outside the microduct as an extra level of protection?
Answer: Use of 4 cell microcell or equivalent is preferred as approach is projected to be cost effective. No discrete duct is required as use of remaining microcells by carriers is anticipated.

8. Can you clarify "... path diversity is required for all backbone segments of the ring."?
Answer: Primary ring, hand hole to hand hole, requires path diversity. Laterals from hand hole to anchor facility may be routed on a single entrance path except as noted in the scope of work.
9. Is this RFP based upon directional drilling and placing conduit? Will all streets and alley be allowed to be directional bored? What if open cut is required? What are the restoration requirements on pavement removal if required? Will unitized pricing be an option for circumstances unforeseen in the construction phase?
Answer: Direction boring is the desired approach for duct placement. Streets and alleys may be directionally bored with standard municipal permitting and locating of existing utilities/services.
10. Will the village of Oak Park require a tracer wire installed in the microduct path for locating in the future? If so what size?
Answer: The integrated 20 ga. locate wire in Duraline product is preferred. If locate wire is placed separately, 12 ga. copper locate wire must be installed immediately above the multicell duct. Locate wire must not be installed inside a microcell under any circumstances.
11. Does the Village have a preferred handhole size or spacing?
Answer: 36x40 or 36x48 would be acceptable Assuming typical of FOSC 450C/D or similar to manage splice counts. 2 cables at 100' slack at each HH and microcell management going to building entrances.
12. Are there any DBE/MBE requirements on this project?
Answer: No, but form in Attachment 4 pg. 58 of RFP must be completed.
13. Will all permit fees be paid by the Village? Ie Railroad Crossing Fees, etc.
Answer: Please include costs for permits in your proposal as a line item.
14. Once permit drawings are completed what is the anticipated turn around approval from the Village of Oak Park.
Answer: Village permit review and approval process will be 3-4 weeks. IDOT permits are anticipated at 30 days. Railroad crossings are anticipated at 6 to 8 weeks.
15. Does the Village have a CAD or GIS base map of the proposed routes they can provide to the awarded contractor?
Answer: Yes, The Village will provide existing GIS mapping baselines to the selected vendor.
16. Is the Village of Oak Park able to locate the private sanitary drains to homeowners / Businesses?
Answer: There is limited ability to locate sanitary drain paths. Village engineering has requested 96" nominal depth for fiber system implementation to avoid sanitary drain systems. The Village will share existing documentation for sanitary drains to the selected vendor.
17. Is all hardscape restoration including asphalt and sidewalk to be included in our underground construction number?
Answer: Yes.

18. Have the I-290 bridges selected for attachment been pre-approved by IDOT?

Answer: No. Initial engineering work will help to define the attachment details for permitting. No IDOT permit required if conduit is placed on inner top side of selected bridges.

19. There are two (2) railroads that will be required on the north set of tracks. Has the Village worked with the railroad track owners in the past to cross under those tracks without any issues or is the railroad owners aware of the project? They can be challenging to work with if you are not a Utility Company.

Answer: Initial engineering work will help to define the crossing details for the railroad permitting.

20. Have IDOT and the Village agreed upon the two (2) bridge crossings over I-290/RR tracks already or is that part of the engineering scope of work? Is there existing conduit in place for us to utilize or are we placing new conduit on the bridges?

Answer: Initial engineering work will help to define the attachment details for permitting. No existing conduit is in place.

21. What is the status of negotiation with IDOT for attaching infrastructure to the bridge of I-290?

Answer: No pre-approval process has been initiated with IDOT. The initial engineering effort by the selected vendor will finalize approach, attachment methodology and IDOT permit application.

22. Is there a preferred depth of conduit?

Answer: Construction depth will be 96" as conditions allow. Existing sanitary tile is predominantly at 36" to 42". With limited ability to locate tile, Village engineers are requesting fiber be installed at the greater depth.

23. Is there a preferred size of MH/HH? Is there a size of a splice kit to determine a minimum structure size?

Answer: 36x40 or 36x48 would be acceptable Assuming typical of FOSC 450C/D or similar to manage splice counts. 2 cables at 100' slack at each HH and microcell management going to building entrances.

24. Is there a minimum required distance for ring diversity on backbone segments?

Answer: No. Primary backbone ring will provide network redundancy capabilities with the maximum loss of only a single anchor location if the entrance lateral is severed.

25. Besides Lake St. are there any other City Projects/Developments that may conflict with this route?

Answer: No. No other conflicting or concurrent projects are known or anticipated for the preferred fiber route or facilities.

26. Has Oak Park reached out to the State/County/Rail in advance?

Answer: No. Permitting must be prioritized as it will be based on initial engineering effort.

27. Will the construction at the school sites be targeted only during the summer OR just nights/weekends? If so, what are the dates?

Answer: School entrance construction is a priority with the goal of summer break completion prior to the beginning of the 2019/2020 school year.

28. For anchor site entrances, is there a preference on entering the anchor sites underground or above ground?

Answer: Entrance routes will be kept underground except where no basement exists or immediate route to termination point cannot be served effectively from a lower level. External conduit riser location must be approved by constituent partner prior to placement.

29. Will anchor site floor plans be provided?

Answer: Floor plans and entrance descriptions beyond that offered in the RFP document will not be provided prior to proposal due date. Floor plans will be provided in .pdf format to support documentation and as-built needs.

30. Will the Village and District be providing building drawings or will we need to create new building drawings?

Answer: Floor plans and entrance descriptions beyond that offered in the RFP document will not be provided prior to proposal due date. Floor plans will be provided in .pdf format to support documentation and as-built needs.

31. Will there be a point of contact from the Village that can provide existing utility maps for the Village maintained utilities? Do they have them in CAD format?

Answer: Yes, The Village will provide existing utility mapping to the selected vendor. The format of the existing has not been verified.

32. "Handling of unscheduled outages and customer problem reports" - How many per year should we bid? Should there be an average or maximum number of repairs included or will each actual repair be handled on a Time & Material basis?

Answer: No analysis of current JULIE ticket generation has been compiled.

Requested response time on site is listed in the RFP as within 2 hours with MTTR indicated as best effort; "reasonable diligence". Proposals can either project costs to be managed under Time & Materials or, an estimate not to exceed (3) incidents can be used to bound repair costs.

33. Can you clarify the statement - "What agreements are in place with applicable utilities and utility Respondents for emergency restoration"?

Answer: This list of items is intended to solicit expanded responses indicating strengths and current service approach for any current maintenance customers. I.e. does your firm already have existing relationships with existing utility providers for emergency restoration?

34. "Repair of Fiber breaks" - How many per year should we bid? Assume bidders should have an average or maximum number to encourage competitive bids. What about costs associated with excavations, restorations, permits for final repairs?

Answer: No analysis of current JULIE ticket generation has been compiled.

Requested response time on site is listed in the RFP as within 2 hours with MTTR indicated as best effort; "reasonable diligence". Proposals can either project costs to be managed under Time & Materials or, an estimate not to exceed (3) incidents can be used to bound repair costs.

35. "Responses for maintenance should also include rates for relocation of fiber or major cut repair and a commitment to produce firm estimates for jobs at least 72 hours prior to commencing work in non-emergency situations and before commencing work in emergency repair situations". Are these hourly rates for a repair crew or you expecting an all-inclusive rate for the entire year? If yearly, how many outages and repairs should this agreement include?

Answer: No analysis of current JULIE ticket generation has been compiled.

Requested response time on site is listed in the RFP as within 2 hours with MTTR indicated as best effort; "reasonable diligence". Proposals can either project costs to be managed under Time & Materials or, an estimate not to exceed (3) incidents can be used to bound repair costs.

36. "Post repair testing" - What quantity is this based upon?

Answer: Proposals can either project costs to be managed under Time & Materials or, an estimate not to exceed (3) incidents can be used to bound repair costs.

37. "Mean time to repair" - What is this based upon? Time to mobilize to site or time to correct the system during the scheduled maintenance?

Answer: Requested response time on site is listed in the RFP as within 2 hours with MTTR indicated as best effort; "reasonable diligence". Proposals can either project costs to be managed under Time & Materials or, an estimate not to exceed (3) incidents can be used to bound repair costs.

38. "Replacement of damaged Fiber" - What is this quantity based upon? This number can vary greatly.

Answer: Proposals can either project costs to be managed under Time & Materials or, an estimate not to exceed (3) incidents can be used to bound repair costs.

39. "Replacement of Fiber which no longer meets specifications" - What is this quantity based upon? This number can vary greatly.

Answer: Proposals can either project costs to be managed under Time & Materials or, an estimate not to exceed (3) incidents can be used to bound repair costs.

40. Does this also include 24/7 locating services for emergency digs such as a water main break?

Answer: Yes

41. How many tickets per year does the Village currently locate through the JULIE system?

Answer: No analysis of current JULIE ticket generation has been compiled.