



Purchasing Department  
530 Water Street  
Oakland, CA 94607

**November 9, 2018**

**ADDENDUM No. 1**

**Request for Quote No. 18-19/03 INF, OAK Fiber Optic Cable Installation**

This Addendum modifies the original Request for Quote Documents for the above referenced project. **Acknowledge receipt of this addendum in the space provided on the Quote Form (Attachment 2).**

**The following questions were submitted by the deadline and are answered in this addendum:**

1. Question: Will there be a union labor requirement for this project?

*Answer: No, but prevailing wage is required for this project.*

2. Question: Who will perform DOJ clearances for personnel? City of Oakland?

*Answer: If background check is required, background will be done at the Oakland Airport by the badging office. The Port will supply an escort for individuals without an existing OAK badge.*

3. Question: What is the turn around on the DOJ clearances?

*Answer: If applicable, 2-3 weeks.*

4. Question: Will drawings be made available?

*Answer: Yes, fiber path drawing was provided during the mandatory pre-quote meeting and available on the Port website under the project subject titled "(RFQ 18-19/03 INF) Fiber Path Map and Pull Box Pictures"*

5. Question: How many cables and IDFs are associated with this project? RFQ only references 96 strands of SM fiber between main data rooms.

*Answer: As stated in the Request for Quote document, 96 strands between two MDF's.*

6. Question: Will permits be required for this project?

*Answer: The plan is to use existing conduit both in the ground and in the building, so no permit is required.*

7. Question: Will drawings in electronic format be made available? What format?

*Answer: The one drawing showing the fiber path was provided during the Pre-Quote meeting in electronic format and is available under the project subject titled "(RFQ 18-19/03 INF) Fiber Path Map and Pull Box Pictures".*

8. Question: Will photos of pull room 2 be provided?

*Answer: Yes, pull room photo shown below.*



9. Question: Will photos of and existing pull box (internal) be provided?

*Answer: Yes, pull box 1 and 2 are posted on the Port website titled "(RFQ 18-19/03 INF) Fiber Path Map and Pull Box Pictures". Pull box 3, 4, and 5 are shown below.*

*Pull Box 3*



*Pull Box 4*



*Pull Box 5*



10. Question: Is the project 60 business days or calendar days?

*Answer: Calendar days.*

11. Question: When does the 60 days begin?

*Answer: The contractor will have 60 days to complete the project after receiving the fully executed PO/contract from the Port and a notice to proceed.*

12. Question: What is the daily sign in procedure?

*Answer: None, schedule will be coordinated with the Aviation IT Department and crews can work in approved time slots at will.*

13. Question: Is there a designated storage space for equipment tools and material/supplies? Ex: Cable reel, cable dolly, etc. Can Data Center (room 367-1158) be used for said space through duration of installation.

*Answer: Yes, space can be made available if requested.*

14. Question: Will parking be provided for installation staff?

*Answer: Yes*

15. Question: What is the procedure to drive vehicles on the tarmac? Ex: Drive fiber cable reel dolly to a specific pull boxes and pull rooms.

*Answer: In order to use a company vehicle on the tarmac, a vehicle must either have a ramp permit and operated by a badged worker with non-movement area or be under escort. Please specify your need in your quote.*

16. Question: Is a bid bond required?

*Answer: Bid bond is not required.*

17. Question: Is a performance bond required?

*Answer: If the cost of the project will exceed \$25,000.00, the contractor will be required to provide Payment and Performance Bonds at 100%. The cost for these bonds should be included in the total proposed cost of the project.*

18. Question: Which insurance parameter is applicable? There are 8 parameter items, which some appear not relative/applicable to scope of work.

*Answer: Please refer to the Supplier Insurance Requirements, "When Required".*

*If the scope of work is not described as part of the work, the specified type of insurance would not be expected.*

19. Question: What are the working hours for this project?

*Answer: Non-impactful work can be performed Monday – Friday, 8am – 5pm. Any work that will require closing access tunnels or roadways would need to be provided between 11pm – 3am.*

20. Question: How many cables will be allowed for this project? Are (2) 48 strand cables okay?

*Answer: Yes, as long as a minimum of 96 strands are delivered and terminated.*

21. Question: Is OFNP (plenum) rated cable required? Indoor/outdoor cable comes in OFNP and OFNR.

*Answer: Proposer should specify their recommendation for the job based on the environment. Please note why in your proposal a specific cable type is recommended.*

22. Question: Is OFNR (riser) rated cable required? Indoor/outdoor cable comes in OFNP and OFNR.

*Answer: See question 21.*

23. Question: Will LC or ST connectors be preferred? There seems to be a conflict within the specs.

*Answer: LC connectors.*

24. Question: Is the existing innerduct smooth bore or corrugated?

*Answer: Corrugated.*

25. Question: Are Jackmoon plugs/duct plugs required? If so where? We only see the Data Center floor needing a duct plug (for duct used).

*Answer: Yes, Jackmoon plugs for Data Center Floor which still allow the flexibility of additional fiber and innerduct for future are required.*

26. Question: Is innerduct necessary for this project? If so, is smooth bore or corrugated required? Is plenum rated required for innerduct?

*Answer: No Innerduct is needed, if Armored Fiber Cable is used.*

27. Question: Are pathways assumed to be "free and clear"?

*Answer: Yes*

28. Question: Can we assume that existing pathways/conduit systems shall have pull ropes?

*Answer: Most do, but some may not. Expect that 50% will not.*

29. Question: Shall we include (1) 3/8" poly rope (yellow) pull rope to be left behind with new optical cable?

*Answer: Yes*

30. Question: Is there any trenching required for this project?

*Answer: No*

31. Question: Are manholes full of water?

*Answer: Yes*

32. Question: Has the water been tested?

*Answer: Yes*

33. Question: Who will purge water from manholes?

*Answer: Port will remove water from flooded manholes*

34. Question: Are 50' service loops required for each manhole? There are 2 manholes.

*Answer: 50' service loop is only required for the Manhole closet to Pull Room.*

35. Question: Are service loops required in pull rooms? If so, what is the service loop footage?

*Answer: No*

36. Question: Are service loops required in pull boxes? If so, what is the service loop footage?

*Answer: No*

37. Question: Does the total footage of 3500', in RFQ, includes service coils?

*Answer: Yes*

38. Question: If conduit is necessary, can we assume that the Airport shall provide?

*Answer: Yes*

39. Question: Could you please email me the list of contractors who will be bidding this job once you receive it.

*Answer: The list of bidders that attended the Mandatory Pre-Quote meeting is posted on the Port website under the project subject titled (RFQ 18-19/03 INF) Mandatory Pre-Quote Meeting Sign-In Sheet.*

40. Question: In reference to the "scope of work" section we are required to create a service loop of 30 ft at both termination location point. Appendix A states that "Fiber optic cables that are run underground shall have fifty feet of cable coiled up in every other manhole along the run". Should we plan to have fifty feet service loops every other location as well as the 60 extra feet between the termination points?

*Answer: Yes*

41. Question: Please confirm that we are using LC connectors and not ST.

*Answer: See question 23.*

42. Question: Please confirm that Port will be responsible for all draining of underground vaults as well as any additional conduit that may need to be installed.

*Answer: See question 33.*

43. Question: Confirm that if we are using an armored fiber that innerduct will not be needed.

*Answer: Yes, if armored cable is used, no innerduct is required.*

44. Question: Please confirm that if we do not decide to go with DOJ clearance, that the cost of an on-site escort will be absorbed by Port. Also, if we were to go through the DOJ process confirm how much time it would take and that the 60 calendar day period would begin once we are onsite to begin work.

*Answer: Yes, if contractor will not be badged, the Port will supply a guard to escort free of charge.*

45. Question: Please list what safety equipment you require.

*Answer: As far as safety equipment, Manhole entry are considered to "Confined Space" therefore Safety Confined Space Entry Procedures and Equipment are required.*

46. Question: Are you requiring 1 ¼" innerduct when all 4" paths are occupied?

*Answer: Yes*

47. Question: Are you requiring mule tape or jet line?

*Answer: Whatever you would like to propose.*

48. Question: Will you provide a map with footages?

*Answer: No*

49. Question: Will you require slack at any of the pull boxes?

*Answer: No*

50. Question: Please confirm that innerduct is not required for the fiber run as stated during the Pre-Quote walk.

*Answer: Innerduct is not required for armored fiber optic cable.*

51. Question: Please specify the preferred fiber patch panel manufacturer.

*Answer: We have some Corning panels installed but will consider comparable products from different manufacturers.*

52. Question: What is the estimated price of this project?

*Answer: We accept all bids. Will not provide estimate.*

53. Question: Where will the installation location take place?

*Answer: Oakland International Airport between Terminal1 and Terminal 2 Data centers.*

**There are no other questions to Request for Quote No. 18-19/03 INF.**