



September 9, 2019

AMENDMENT 1

Subject: 09-3001-02A7819021 Requests for Information

1) In section 1.4 of the Performance Work Statement it says that the contractor will work a regular 40-hour work week from 07:30 to 16:30. Is it possible to work a 5-10 schedule M-F 07:00 to 17:30?

- Yes. Alternative work schedules shall be approved by the contracting officer.

2) Is Horizontal Directional Drilling an approved method of construction under paved surfaces?

- Horizontal directional drilling is acceptable as long as it is understood the conduit still needs to be protected under high load areas such as roads, parking lots, under structures like transformer pads, etc. Putting a sleeve under the pavement, then installing the duct inside the sleeve would be one example of acceptable. We are open to considering any method as long as it leaves the duct protected under high load areas.

3) Are AFL FUSEConnect® Splice-On Connectors an acceptable installation method or are only Hot Melts accepted?

- Currently hot melts are required.

4) Can we request a set of plans with the existing government owned facilities along the project path? One with Geo-Base measurements would be great as this information would help us better estimate the amount of labor required for the capture vaults.

- The working site plan for the duct path upgrade portion of the work that is part of the PWS is based on the JBER GIS database and shows facility locations, which we are interpreting to mean buildings, as well as the proposed locations for all new HH and MH installations, but those locations are open to minor site adjustment to adapt to existing conditions. The exact location of the buried cables is not in the GIS data base since they have not been located/surveyed at this point. They will get located as part of the dig permit process.

5) We noticed on our site walk-thru after the pre-bid meeting that between MH531 and MH583 the locates showed the existing facilities are located on the opposite (East) side of the road from where they are drawn out for the bid (West side of road). Should the route be moved to the opposite side of the road to capture or follow the existing telecom?

- There is also buried telecom on the west side of the road and a new comm building is going to be built on the west side that this duct system needs to support so



we want to keep the new duct system installation happening on the west side of the road, as shown on the duct path upgrade site plan drawing.

6) Does the military require a Chromatic Dispersion test of the fiber on JBER?
- Fiber testing as per JBER Telecommunications Installation Standards

7) Is there a dumpsite for extra spoils located on JBER or does all extra fill need to be hauled off base?
- Contractors are responsible to dispose of all spoils off base.

8) Is there an area specified that we can use as a lay down yard for material, equipment, etc.?
- A staging area will be provided to the successful bidder for the duration of the project.

9) Can road/driveway cuts be done on a full closure or will we be required to do half the road at a time?
- Road/driveway cuts shall be accomplished one half at a time to allow necessary traffic to occur.

10) Is a traffic control plan required?
- Yes.

11) Is there a plat record of how many facilities are run in the corridor?
- Not to our knowledge

12) How many cables are existing now? How many fiber cables?
- Running along the north side of Davis Highway, there are two copper cables starting near Camp Carrol dropping to one copper cable at the turn off to Camp Denali with one fiber optic cable running the full distance. The effort to capture cables will have a practical aspect to it. If two direct buried cables are separated by several feet, then it would not be practical to capture both, so the preferred cable will be identified for capture at those locations. Running down the west side of Army Guard Rd there should be one copper and one fiber cable.

13) Are copper cables being pulled into the same vaults?
- No new copper cables are being installed as part of this project. Future use of the ducts may involve the installation of copper cables at specific locations, especially in the area around Army Guard Rd. Ducts, vaults, etc. should be installed as if they will have both copper and fiber installed in them at some point in time.



14) Do copper cables get tested as well?

- There is not a general expectation of all copper cables being tested. The installation team may wish to perform initial testing to establish a baseline of the cable condition prior to working around them. The only situation that would require mandatory testing of the copper cables is if there is an incident with the cable that occurs during the project that raises a concern about potential damage having occurred, such as the cable having a heavy item dropped on it or being hit by a piece of powered equipment.

15) During testing phase, will a report stating the test is complete and response levels suffice, or are we required to show TDR and other reports that come out of the machines?

- Proposed testing plan will be submitted to 673rd IT Department for approval before any tests are administered. JBER requires the OTDR test results to show anomalies, loss figures, as well as showing the OTDR response trace, one each per direction and per wavelength, etc. Similarly, for the power loss showing loss, both ways at all three wavelengths. Test equipment shall be programmed with the acceptable loss parameters so that it flags values outside of specification. We want test reports that give us enough information so we can evaluate the quality of the installation and the expected performance capability of the installed cables, not just "go/no go" type of report.

16) Anything unique for permitting?

- JBER Dig Permit & a SWPPP filed with ADEC in concurrence with DMVA/FMO Water Resource Program Manager.

17) Do contractors provide all duct, fiber, and vaults?

- Yes. We expect a turnkey product.

18) Are there any requirements as far as specific vendors to purchase from?

- No.

19) Since there are Federal dollars involved, are contractors to adhere to Buy America Act regulations?

- Yes.