

LOC Questions and Clarifications Memorandum

To: Solicited Vendors for Letter of Configuration (LOC) Number 40262, dated January 29, 2013 for the Mississippi State Hospital (MSH)

From: Craig P. Orgeron, Ph.D.

Date: February 5, 2013

Subject: Responses to Questions Submitted and Clarifications to Specifications

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LOC Number 40262 is hereby amended as follows:

1. **Item 4.28 has been removed.**
2. **Item 4.29 is being modified to read: Fiber cables shall be OTDR tested prior to placement and again upon completion of installation prior to splicing or terminations. ~~Perform an ODTR bi-directional OTDR test with 300 meter launch and receive cables on Single Mode cables at 1310 and 1550 nm.~~ Document each strand with a printed OTDR trace, indicating, span length, and 2-point loss between the two test points. A summary printed in MS Excel format will accompany each group of OTDR traces indicating date of test, locations tested, length of span, tube color, trunk fiber color, fiber cable count and strand count, loss of the tested span, and expected loss as calculated. All test results will be provided to the ITS within five days of completion of tests.**
3. **Item 4.33 is being modified to read: Quazite/Hubble or equivalent precast Handholes with heavy duty lids with "Fiber Optic Cable" embossed on the lid will be used. The heavy duty lids will have a minimum load rating of 15,000 pounds. The handhole will have an open base with 6 inches of gravel installed for drainage.**
4. **Item 4.33 is being modified to read: Vendor shall provide 30 one meter ST to LC single mode duplex Optical Fiber patch cords.**

5. **Item 5.1.2 is being modified to read: Provide and install three 1 ¼ inch conduits with pull string and a 96 strand single mode fiber trunk cable from Building 64 to two splice locations including five ~~four~~ new handholes as noted on plans provided with LOC. All splice locations will have a splice case and trays installed for future use.**
6. **Item 5.1.3 is being modified to read: Provide and install three 1 ¼ inch conduits with pull string and a 96 strand single mode fiber trunk cable from Building 30 to three splice locations including eleven ~~twelve~~ new handholes as noted on plans provided with LOC. All splice locations will have the splice case and trays installed for future use.**
7. **Item 7 is being modified to read: Vendor must state the length of warranty for proposed installation. At a minimum, vendor must provide a five (5) year ~~twelve (12) month~~ on-site system warranty covering all materials and labor to correct any defect in the cable system. Warranty will begin upon acceptance of the installed system.**

Vendor must include in their proposal a response to each amended requirement as listed above. Vendor must respond using the same terminology as provided in the original requirements.

The following questions were submitted to ITS and are being presented as they were submitted, except to remove any reference to a specific vendor. This information should assist you in formulating your response.

Question 1: The LOC states that all cable and hardware “will be of the same manufacture throughout the project”, and “qualify for warranty and maintenance services”, and that “termination components shall be approved by the cable manufacturer” but does not explicitly specify a manufacturer.

Response: **No manufacturer was specified. Vendor shall propose fiber optic cable that meets all specs described in the LOC.**

Question 2: Will we be required to install only Corning cable and hardware and must we provide a Corning manufacturer’s warranty?

Response: **Refer to response to question 1 of this Memorandum.**

Question 3: How many years must the manufacturer warranty be?

Response: **Vendor shall provide a minimum 5 year warranty.**

Question 4: Please clarify the testing requirements for the fiber that is not spliced in the HH cases.

Response: **Refer to Items 1 and 2 on page 1 of this Memorandum.**

Question 5: Please define Heavy Duty lids in section 4.33.

Response: **Refer to Item 3 on page 1 of this Memorandum.**

Question 6: Do you need Simplex or Duplex patch cords in section 4.53?

Response: **Refer to Item 4 on page 1 of this Memorandum.**

Question 7: Item 5.1.2 – states that there are four new HH. The plans show five, correct?

Response: **Refer to Item 5 on page 2 of this Memorandum.**

Question 8: Item 5.1.3 – states that there are twelve HH. The plans show eleven new HH & one existing, correct?

Response: **Refer to Item 6 on page 2 of this Memorandum.**

LOC responses are due February 7, 2013, at 3:00 p.m. (Central Time).

If you have any questions concerning the information above or if we can be of further assistance, please contact Chris Nix at 601-432-8041 or via email at Chris.Nix@its.ms.gov.

cc: ITS Project File Number 40262