

ADDENDUM NO. FOUR

December 17, 2015

This Addendum relates to the Carrier Neutral Fiber Network for U.S. Bank Stadium, and forms a part of the contract Documents and modifies the original plans and specifications dated October 16, 2015.

Acknowledge receipt of this Addendum on the Proposal Form. Failure to do so may subject Proposer to disqualification.

Reference made to Specifications and Drawings shall be used as a guide only. When Specification Sections or drawings are issued, changes made in Specifications or on Drawings will take precedence over narrative explanation below. Proposer shall determine for themselves the work affected by Addendum items.

This Addendum consists of five (5) pages.

1. During the “Pre-proposal meeting” on December 8th it was discussed that there would be a new bid form (Proposal Pricing Sheet) can you please provide.
Provided as part of Addendum 3.
2. Addendum 1 and addendum 2 references “contract documents and modifies the original plans and specifications dated December 1, 2015” other than these drawings ES8.04, 05, 06, and 30 none were provided. In order to perform a take-off and provide a bid, please provide (or access too) a complete drawing set so that we are able to determine cable routes, and lengths. Also please provide the referenced specifications including the fiber optic cable.
Provided as part of Addendum 3.
3. Please confirm that on drawings ES8.30 detail 1 “In-house Cable Schedule” is not part of this RFP and is being provided by others.
What is listed on ES8-30 detail 1 is provided by others. If there is a benefit for all cabling, what is listed on ES8.30 and what is included in this RFP, provide that as a voluntary alternated.
4. Please confirm that on drawings ES8.30 detail 2 “Network Cable Schedule” is not part of this RFP and is being provided by others.
Network Cable Schedule is provided by others and not part of this RFP.
5. During the “pre-proposal meeting” on December 8th is was discussed that there are locations that we would be installing “SMPTE” cable to and that we would be placing and terminating our cable into existing panels, can you please provide manufacture and part numbers of the panel and connector so that there are no conflicts on the installation.
Provided as part of Addendum 3.

6. Please confirm that all conduits, cable tray, sleeves, JBA's, JBE's, & JBT's are provided and installed by others.

All conduits, cable tray, boxes, etc is provided and installed by others.

7. Can you provide a time that we can walk the site so that we can better understand site conditions and if there are any constraints?

8. We assume that you will be providing a complete broadcast specifications and that it will include the approved manufacture and part numbers for the following cables SMPTE, single mode cables, UTP, various audio cables. As well as termination connectors, panels, and hardware, please confirm that this will be provided.

Provided as part of Addendum 3.

9. Can you elaborate on how our work will fold into the current work onsite? Should we assume that we will need to provide our own temporary facilities while onsite like temporary toilets, access, hoisting, lifts, debris removal, temporary power, crew break space, field office, crew parking, etc.?

You will be responsible per the Trade Contract Agreement to provide all General Conditions items. Many Contractors have negotiated with Mortenson to share facilities already on-site.

10. We assume we will run our own safety program for our subcontractors as a separate general contractor to MSFA. What interface, if any will we need to plan for with the stadium contractor?

a. Safety Program

(i) Trade Contractor shall have a safety program for the Trade Contractor Work that includes, among other things, the safety requirements contained in the below published safety programs:

1. Mortenson Zero Injury Training Program Manual
2. Mortenson Mobile Crane Training Manual
3. Mortenson Forklift Training Program Manual
4. Mortenson Disruption Avoidance Training Manual

(ii) In addition to its obligations under Paragraph 13.1 of the Trade Contract Agreement, Trade Contractor agrees to perform the safety obligations in the above referenced manuals and agrees to perform such obligations with respect to the Trade Contractor Work in the same manner that the above manuals reference safety steps to be taken by, or the safety obligations of, Construction Manager. In addition, Trade Contractor agrees to abide by Construction Manager's Project Safety Program.

11. Can you confirm that all pathways between rooms and rooms will be final cleaned and turned over to MSFA prior to us starting our infrastructure work and fiber terminations beginning February 1, 2016 and work will be allowed to proceed unimpeded thru completion on April 1, 2016?

The Trade Contractor shall ensure that its Construction Schedule is coordinated and integrated with the Construction Schedule of the other Trade Contractors for the Project, including Bunting Graphics, Inc. and Flair Contracting, Inc., and the Construction Manager's Master Project Schedule, and before commencing Work on the Project, the Trade Contractor shall meet with the other Trade Contractors for the Project and the Construction Manager and agree upon staging and location of material and equipment storage, timing of access to certain portions of the Project, the sequence, location, and timing of the respective Trade Contractors' work, and all other scheduling and coordination issue so that each Trade Contractor's Construction Schedule is aligned and coordinated with other Trade Contractors' Construction Schedule and the Master Construction Schedule so as to avoid delay, disruption, and acceleration to other Trade Contractors' and the Construction Manager's Work. If there is any disagreement between or among the Trade Contractors regarding which of their respective Construction Schedules should be controlling or should be revised to provide needed coordination, the disagreement will be decided by the Authority and the Trade Contractor will abide by the Authority's decisions about which and to what extent revisions to Construction Schedules need to be made and will perform its Work accordingly without an increase in the Trade Contract Amount.

12. During the "Pre-proposal meeting" on December 8th it was discussed that there would be a "new standard for new stadiums" that must be followed. Can you provide this document?

The new standard for new stadiums per the NFL is listed as the requirements as this RFP.

13. Will the successful contractor for this scope be allowed to use the dumpsters provided on site by the base building CM?

You will be responsible per the Trade Contract Agreement to provide all General Conditions items. Many Contractors have negotiated with Mortenson to share facilities already on-site.

14. Will the successful contractor for this scope be allowed to use the toilet facilities provided on site by the base building CM?

You will be responsible per the Trade Contract Agreement to provide all General Conditions items. Many Contractors have negotiated with Mortenson to share facilities already on-site.

15. Will the members of this installation crew be required to participate in the building clean-up efforts as required by the base building CM?

You will be responsible per the Trade Contract Agreement to provide all General Conditions items. Many Contractors have negotiated with Mortenson to share facilities already on-site.

16. Will the members of this installation crew be required to participate in the CM's safety meetings, daily "bend-and-stretch", etc.? If so, please provide additional information regarding these requirements.

See #10

17. Will the members of this install crew be required to attend any safety orientation before working on the site? If so, please provide additional information regarding these requirements.

Yes. You will be responsible per the Trade Contract Agreement to provide all General Conditions items. Many Contractors have negotiated with Mortenson to share facilities already on-site.

18. Is additional pathway required for any of the specified cables? (i.e. conduit, cable tray, riser sleeves, etc.)

It will be provided by others.

19. What are the fire-proofing requirements for this scope?

Fire-proofing is the responsibility of this Trade Contractor for his own work.

20. What manufacturer's products are required?

Provided as part of Addendum 3.

21. Please provide a bid form that matches the requirements of the RFP (with all breakouts required)

Provided as part of Addendum 3.

22. Is a Bid Bond required with our response?

YES

23. On page 5 of the RFP, paragraph 1.N, a 12-strand fiber is listed from Injury Review Booth to Instant Replay Booth, but directly below that, at 1.N.1, it lists a 24-strand fiber. Which is correct?

Provide and install twelve (12) strand single mode fiber.

24. On page 6 of the RFP, paragraph 1.O, the three bullets below that reference the Visitor Coaching Booth instead of the Home Coaching Booth. Are we correct that the cable is coming from the Home Coaching Booth, and if so, which JBC box do they pull to?

Cables are to be provided and installed from Home Coaching Booth to JBC 115A.

25. On page 15 of the RFP, paragraph 4.B.4&5, shouldn't it reference 6-strand fiber instead of 24-strand fiber?

Paragraph 4.B should state:

- a. Provide and install one (1) triple SMPTE cable and one (1) 6 strand SM fiber optic cable in the above JBA locations instead of one (1) single SMPTE cable and one (1) 6 strand single mode fiber optic cable.
- b. Terminate two (2) SMPTE cables with SMPTE connectors and leave the third (3rd) SMPTE cable unterminated.
- c. Install two (2) SMPTE panel connectors on field panels at each end of cable.
- d. Install 6 strand single mode fiber, terminate with ST ends, and test after installation.
- e. Provide fiber patch panels to accommodate 6 fiber strands at each end
- f. Land all fiber connections onto field panel and ensure all fiber connectors have tethered dust caps

26. On page 15 of the RFP, paragraph 4.D.1, shouldn't it reference 24-strand fiber instead of 12-strand fiber?

Paragraph 4.D should state:

- a. Provide and install one (1) triple SMPTE cable and one (1) 12 strand SM fiber optic cable in the above JBA locations instead of one (1) single SMPTE cable and one (1) 12 strand single mode fiber optic cable.
- b. Terminate two (2) SMPTE cables with SMPTE connectors and leave the third (3rd) SMPTE cable unterminated.
- c. Install two (2) SMPTE panel connectors on field panels at each end of cable.
- d. Install 12 strand single mode fiber, terminate with ST ends, and test after installation.
- e. Provide fiber patch panels to accommodate all 12 fiber strands at each end
- f. Land all fiber connections onto field panel and ensure all fiber connectors have tethered dust caps