

## ADDENDUM NO. THREE

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.

### A. Pre-proposal meeting Attendees

Broadcast Infrastructure RFP Pre-proposal Meeting at MSFA on 12/8/2015 1 PM CST			
S. No	Name	Company	Email Address
1	Steve Idso	ECSI	SIdso@ECSILLC.COM
2	MARK MILLER	KRAUS ANDERSON	mark.miller@krausanderson.com
3	Colleen Moravsek	Parsons	colleen.moravsek@parsonscorp.com
4	John Mills	Bexel	JMills@Bexel.com
5	Steve Saffig	VanWagoner	ssaffig@vanwagoner.com
6	YAGYA MAHADEVAN	MSFA	y.mahadevan@maesobsef.net
7	CHUCK BERNHAGEN	HAMMS	CBERNHAGEN@HAMMSOCSPORTS.COM
8	Valerie Mc Kissack	AEIS	vmckissack@allied-electrical.com
9	Lois Walker	AEIS	lwalker@allied-electrical.com
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### B. Updated RFP Bid Form

### C. Included Broadcast Cabling Specs

#### D. Included Reference Drawings

#### E. Section C Broadcast Infrastructure Requirements

1. Where the instructions say "Install", replace with "Provide and install". The bidding contractor is to provide all required cabling, connectors, field panels, etc. Boxes and conduit will be provided as part of the base building contract.
2. In section 3, option T (Fire Club), change scope to read:
  - a. Provide and install 12 strand single mode fiber, terminate with ST ends, and test after installation.
  - b. Provide fiber patch panel in Ice Club AV room to accommodate all 12 fiber strands. Provide fiber patch panel in Fire Club AV room to accommodate 36 strands of fiber.
  - c. Land all fiber connections onto field panel and ensure all fiber connectors have tethered dust caps
  - d. All cables are to run from Fire Club AV room (5.18.03) to Ice Club AV room (5.40.63).
  - e. Do not include this in the house base price, but provide as add alternate as listed on the bid form.
3. On page 16, in section 7.B.1, Remove "Provide" and replace with "Provide and install"
4. Updated fiber and SMPTE cable specs
  - a. SMPTE Hybrid Cable:
    - i. Single HD (SMPTE) Camera Cable:
    - ii. High Definition Television (HDTV) hybrid fiber optic camera cable.
    - iii. Cable to be provided with Appropriate NEC rating.
    - iv. Cable to provide copper and fiber connectivity for a single SMPTE line.
    - v. Acceptable Product:
      1. Mohawk M96921
      2. Belden 7804R
      3. Clark HFCPV
  - b. Single Mode Fiber Optical Cable:
    - i. Single mode gel free fiber optic cable.
    - ii. Provide for inside use.
    - iii. Cable to be provided with Appropriate NEC rating.
    - iv. Provide with interlocking armor to shield against damage.
    - v. 6 strand single mode fiber.
      1. Acceptable Riser Rated Product:
        - a. Corning 006E8F-31131-A1.
        - b. Belden B9W230.
        - c. Clark D006SMRIA
      2. Acceptable Plenum Rated Product:
        - a. Corning 006E8P-31131-A3.
        - b. Belden B9W240.
        - c. Clark D006SMPIA

- vi. 12 strand single mode fiber.
  - 1. Acceptable Riser Rated Product:
    - a. Corning 012E8F-31131-A1.
    - b. Belden B9W231.
    - c. Clark D012SMRIA
  - 2. Acceptable Plenum Rated Product:
    - a. Corning 012E8P-31131-A3.
    - b. Belden B9W241.
    - c. Clark D012SMPIA
  
- vii. 24 strand single mode fiber.
  - 1. Acceptable Riser Rated Product.
    - a. Corning 024E8F-31131-A1.
    - b. Belden B9W233.
    - c. Clark D024SMRIA
  - 2. Acceptable Plenum Rated Product.
    - a. Corning 024E8P-31131-A3.
    - b. Belden B9W242.
    - c. Clark D024SMPIA
  
- viii. 48 strand single mode fiber.
  - 1. Acceptable Riser Rated Product:
    - a. Corning 048E81-61131-A1
    - b. Belden.B9W235
  - 2. Acceptable Plenum Rated Product:
    - a. Corning 048E88-61131-A3
    - b. Belden B9W245.
  
- ix. 72 strand single mode fiber.
  - 1. Acceptable Riser Rated Product:
    - a. Corning 072E81-T3131-A1
    - b. Belden B9W236
  - 2. Acceptable Plenum Rated Product:
    - a. Corning 072E88-T3131-A3
    - b. Belden B9W246
  
- x. 144 strand single mode fiber.
  - 1. Acceptable Riser Rated Product:
    - a. Corning 144E81-T3131-A1
    - b. Belden B9W238
  - 2. Acceptable Plenum Rated Product:
    - a. Corning 144E88-T3131-A3
    - b. Belden B9W248