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ADDENDUM NO. 1

DATE: June 29, 2016

PROJECT: Stoddard County Road 750 Bridge Replacement

PROJECT No.: S&C # P150085

LETTING DATE: Tuesday July 5th, 2016 at 10:00 AM

LOCATION: Stoddard County Courthouse, Bloomfield, MO

OWNER: Stoddard County Commission

ENGINEER: S. H. Smith & Company, Inc. of Poplar Bluff, Missouri

SUBJECT: Bid Schedule (Project Manual)

1. A discrepancy was found between the plans and the Bid Schedule located not only on plan sheet No. 2, but also in the contract document. An alternate plan sheet will not be issued, however the Bid Schedule and Basis of Bids was revised.

For the project manual; replace the sheets pertaining to the "Basis of Bids" and "Bid Schedule" with the attached revised documents.


SUBJECT: Notice to Contractors (Project Manual)

1. The final construction deadline has been pushed back to allow more competitive bidding and allow the contractor a longer time-period in which to start construction. The final deadline for construction completion has been changed to March 31st, 2017.

For the project manual; replace the sheets pertaining to the "Notice to Contractor" with the attached revised document.

Sincerely,

SMITH & CO.
ENGINEERS


Jeremy Manning, P.E.
Project Manager



BASIS OF BIDS

PART 1 - GENERAL

1. GENERAL

- A. The basis of bids is a general description of the work and materials which shall be included in the bid items listed on the bid proposal. Bid item prices shall generally reflect the scope of work described below. It shall be understood by the bidder that the total bid price listed on the bid proposal shall represent total compensation for the entire project based on the estimated quantities given. Due to the complex nature of this project, some overlap of work items is inevitable and some minor items may not be included below. It is the contractors responsibility to be sure that all work items are included in his/her bid prices.
- B. Payment after the award of the contract will be based on the number of units completed for unit price items or on the percentage of each lump sum item for the work that has been completed or as outlined I the specifications. Payment will not be made for items that have not been complete.

2. LIST OF BID ITEMS – BASE BID

- A. Item No. 1 – Clearing and Grubbing (Section 201):
 - 1. This item shall consist of all labor, equipment and materials necessary for the clearing, grubbing, removing and disposing of vegetation within the limits of right of way and easements for site preparation necessary to provide a complete and functional project as outlined on the project plans and in the Missouri Standard Specifications for Highway Construction 2011, including Supplemental Specifications to 2011 Missouri Standard Specifications for Highway Construction – April 1, 2016.
 - 2. Method of Payment: **Acre.**
- B. Item No. 2 – Construction Signs (JSP)
 - 1. This item shall consist of all labor, equipment and materials associated with the installation and use of construction signs as outlined on the project plans and in the Missouri Standard Specifications for Highway Construction 2011, including Supplemental Specifications to 2011 Missouri Standard Specifications for Highway Construction – April 1, 2016.
 - 2. Method of Payment: **Each.**
- C. Item No. 3 – Type III Barricade (Section 903)
 - 1. This item shall consist of all labor, equipment and materials associated with the installation and use of type 3 moveable barricades as outlined on the project plans and in the Missouri Standard Specifications for Highway Construction 2011, including Supplemental Specifications to 2011 Missouri Standard Specifications for Highway Construction – April 1, 2016.
 - 2. Method of Payment: **Each.**
- D. Item No. 4 – Embankment Compacted in Place (Section 203, JSP):
 - 1. Description: This item shall consist of all labor, equipment and materials associated with the placement of embankment for roadway approaches and side slopes necessary to provide a complete and functional project as outlined on the project plans and in the Missouri Standard Specifications for Highway Construction 2011 including Supplemental Specifications to 2011 Missouri Standard Specifications for Highway Construction – April 1, 2016.
 - 2. Method of Payment: **Cubic Yard.**
- E. Item No. 5 – Type C Chat , 6” Thick (Section 310):
 - 1. This item shall consist of all labor, equipment and materials associated with the installation of gravel surfacing as outlined on the project plans and in the Missouri Standard Specifications for Highway Construction 2011, including Supplemental Specifications to 2011 Missouri Standard Specifications for Highway Construction – April 1, 2016.
 - 2. Method of Payment: **Square Yard.**
- F. Item No. 6 – 18” Polymer Coated CMP (Section 725):
 - 1. This item shall consist of all labor, equipment and materials associated with the furnishing and installation of Polymer Coated 18” Corrugated Metal Pipe, including excavation, bedding, and backfill, and removal and disposal of existing pipe, as outlined on the project plans and in the Missouri Standard Specifications for Highway Construction 2011, including Supplemental Specifications to 2011 Missouri Standard Specifications for Highway Construction – April 1, 2016.
 - 2. Method of Payment: **Linear Foot.**

- G. Item No. 7 – Flap Gate for 18 Inch CMP (Section 614):
1. This item shall consist of all labor, equipment and materials associated with the installation of an “Automatic Flood Gate” in accordance to section 614.20.1 in the Missouri Standard Specifications for Highway Construction (2011), including Supplemental Specifications to 2011 Missouri Standard Specifications for Highway Construction – April 1, 2016.
 2. Method of Payment: **Each.**
- H. Item No. 8 – Type II Rock Ditch Check (Section 806):
1. This item shall consist of all labor, equipment and materials associated with the installation of ditch checks for erosion and sediment control as outlined on the project plans and in the Missouri Standard Specifications for Highway Construction 2011, including Supplemental Specifications to 2011 Missouri Standard Specifications for Highway Construction – April 1, 2016.
 2. Method of Payment: **Cubic Yard.**
- I. Item No. 9 – Type C Berm (Section 806):
1. This item shall consist of all labor, equipment and materials associated with the installation of Type C Berm for sediment and erosion control as outlined on the project plans and in the Missouri Standard Specifications for Highway Construction 2011, including Supplemental Specifications to 2011 Missouri Standard Specifications for Highway Construction – April 1, 2016.
 2. Method of Payment: **Linear Foot.**
- J. Item No. 10 – Silt Fence (Section 806):
1. This item shall consist of all labor, equipment and materials associated with installation of silt fence as outlined on the project plans and in the Missouri Standard Specifications for Highway Construction 2011, including Supplemental Specifications to 2011 Missouri Standard Specifications for Highway Construction – April 1, 2016.
 2. Method of Payment: **Linear Foot.**
- K. Item No. 11 – Seeding and Mulching (Division 800):
1. This item shall consist of all labor, equipment and materials associated with the site restoration by seeding and mulching as outlined on the project plans and in the Missouri Standard Specifications for Highway Construction 2011, including Supplemental Specifications to 2011 Missouri Standard Specifications for Highway Construction – April 1, 2016.
 2. Method of Payment: **Acre.**
- L. Item No. 12 – Mobilization (Section 618):
1. This item shall consist of all preparatory work and operation necessary to start work on this project except as provided in separate pay items and shall be made payable to the contractor according to the Missouri Standard Specifications for Highway Construction 2011, including Supplemental Specifications to 2011 Missouri Standard Specifications for Highway Construction – April 1, 2016.
 2. Method of Payment: **Lump Sum.**
- M. Item No. 13 – Removal of Bridge (Section 216):
1. This item shall consist of all labor, equipment and materials associated with the removal of the existing bridge from the project area as outlined on the project plans and in the Missouri Standard Specifications for Highway Construction 2011, including Supplemental Specifications to 2011 Missouri Standard Specifications for Highway Construction – April 1, 2016.
 2. Method of Payment: **Lump Sum.**
- N. Item No. 14 – Class A Excavation (Section 203):
1. Description: This item shall consist of all labor, equipment and materials associated with the excavation of soil at the slopes of the bridge and adjacent channel banks. This item also consist of the removal and disposal of excess material including rock and any other items necessary to provide a complete and functional project as outlined on the project plans and in the Missouri Standard Specifications for Highway Construction 2011, including Supplemental Specifications to 2011 Missouri Standard Specifications for Highway Construction – April 1, 2016.
 2. Method of Payment: **Cubic Yard.**
- O. Item No. 15 – Class 1 Excavation (Section 206):
1. This item shall consist of all labor, equipment and materials necessary for excavating for the foundations of all structures, the removing and disposing of all excavated material, the backfilling around the completed structures necessary to provide a complete and functional project as outlined on the project plans and in the

- Missouri Standard Specifications for Highway Construction 2011, including Supplemental Specifications to 2011 Missouri Standard Specifications for Highway Construction – April 1, 2016.
2. Method of Payment: **Cubic Yard.**
- P. Item No. 16 – Type 5 Compacted Granular Fill (Section 304):
1. This item shall consist of all labor, equipment and materials associated with the installation of Type 5 Granular Fill as outlined on the project plans and in the Missouri Standard Specifications for Highway Construction 2011, including Supplemental Specifications to 2011 Missouri Standard Specifications for Highway Construction – April 1, 2016.
2. Method of Payment: **Cubic Yard.**
- Q. Item No. 17 – Separation Geotextile (Section 624):
1. This item shall consist of all labor, equipment and materials associated with the placement of woven geotextile fabric as outlined on the project plans and in the Missouri Standard Specifications for Highway Construction 2011, including Supplemental Specifications to 2011 Missouri Standard Specifications for Highway Construction – April 1, 2016.
2. Method of Payment: **Square Yard.**
- R. Item No. 18 – Type 2 Rock Blanket (Section 611):
1. This item shall consist of all labor, equipment and materials associated with the transportation and supply of Type 2 Rock Blanket to the project site, and installation and placement of Type 2 Rock Blanket on the channel slopes and existing road as outlined in the project plans and in the Missouri Standard Specifications for Highway Construction 2011, including Supplemental Specifications to 2011 Missouri Standard Specifications for Highway Construction – April 1, 2016.
2. Method of Payment: **Square Yard.**
- S. Item No. 19 – 14” Cast-in-Place Piles (Section 702):
1. This item shall consist of all labor, equipment and materials associated with the installation of 14” Cast-in-Place pile to the required bearing and penetration depth, and Seismic Restraints as outlined on the project plans and in the Missouri Standard Specifications for Highway Construction 2011, including Supplemental Specifications to 2011 Missouri Standard Specifications for Highway Construction – April 1, 2016.
2. Method of Payment: **Linear Foot.**
- T. Item No. 20 – Class B-1 Concrete (Substructure) (Section 703):
1. This item shall consist of all material, equipment and labor associated with the placement of concrete abutments as outlined on the project plans and in the Missouri Standard Specifications for Highway Construction 2011, including Supplemental Specifications to 2011 Missouri Standard Specifications for Highway Construction – April 1, 2016.
2. Method of Payment: **Cubic Yard.**
- U. Item No. 21 – Class B-2 Concrete (Superstructure Concrete on Box Girder) (Section 703):
1. This item shall consist of all labor, equipment and materials, including reinforcement, concrete, and all items associated with the installation of concrete wearing surface with a minimum of 5 inches thick in the center of the span, with the thickness at the end of the span equaling 5 inches plus the camber of the beam and any minor beam irregularities. **Concrete for abutment backwall is incidental to concrete wearing surface.** Concrete wearing surfaces shall conform to Section 505 of the Missouri Standard Specifications for Highway Construction 2011, including Supplemental Specifications to 2011 Missouri Standard Specifications for Highway Construction - April 1, 2016 and vibratory screeds will be required and shall be governed by Section 505.10.
2. Method of Payment: **Square Yard.**
- V. Item No. 22 – Prestressed Concrete Box Beam, 21”x 48”x 52’-4” (Section 705):
1. This item shall consist of all labor, equipment and materials, including bearing pads, associated with the installation of prestressed concrete deck beams as outlined on the project plans and in the Missouri Standard Specifications for Highway Construction 2011, including Supplemental Specifications to 2011 Missouri Standard Specifications for Highway Construction – April 1, 2016.
2. Method of Payment: **Square Foot.**
- W. Item No. 23 – Reinforcing Steel (Section 706):
1. This item shall consist of all labor, equipment and materials associated with the installation of reinforcing steel for concrete abutments and bents as outlined on the project plans and in the Missouri Standard Specifications for Highway Construction 2011, including Supplemental Specifications to 2011 Missouri Standard Specifications for Highway Construction – April 1, 2016.

2. Method of Payment: **Pound.**
- X. Item No. 24 – Bridge Guard Rail (W-Beam) (Section 713):
1. This item shall consist of all labor, equipment and materials associated with the installation of TL-2 rated, steel W beam guard rails as outlined on the project plans and in the Missouri Standard Specifications for Highway Construction 2011, including Supplemental Specifications to 2011 Missouri Standard Specifications for Highway Construction – April 1, 2016.
2. Method of Payment: **Linear Foot.**
- Y. Item No. 25 – Guard Rail End Terminals (Section 606):
1. This item shall consist of all labor, equipment and materials associated with the installation of TL-2 rated, steel guard rail extruder end terminals as outlined on the project plans and in the Missouri Standard Specifications for Highway Construction 2011, including Supplemental Specifications to 2011 Missouri Standard Specifications for Highway Construction – April 1, 2016.
2. Method of Payment: **Each.**
- Z. Item No. 26 – Type III Object Marker (Section 903):
1. This item shall consist of all labor, equipment and materials associated with the installation of Type III object markers as outlined on the project plans and in the Missouri Standard Specifications for Highway Construction 2011, including Supplemental Specifications to 2011 Missouri Standard Specifications for Highway Construction – April 1, 2016.
2. Method of Payment: **Each.**

Bid Schedule

ITEMIZED BID: THE BIDDER SHOULD COMPLETE THE FOLLOWING SECTION IN ACCORDANCE WITH SEC 102.7. THE BIDDER PROPOSES TO FURNISH ALL LABOR, MATERIALS, EQUIPMENT, SERVICES, ETC. REQUIRED FOR THE PERFORMANCE AND COMPLETION OF THE WORK, AS FOLLOWS:

Bid Items

ITEM	DESCRIPTION	UNIT S	QTY	UNIT COST	SUBTOTAL
<u>Roadway Items</u>					
1	CLEARING AND GRUBBING	AC	0.5	\$	\$
2	CONSTRUCTION SIGNS	EA	4	\$	\$
3	TYPE III BARRICADE	EA	4	\$	\$
4	EMBANKMENT COMPACTED IN PLACE	CY	721	\$	\$
5	TYPE C CHAT SURFACE, 6" THICK	SY	1490	\$	\$
6	18" CORRUGATED METAL PIPE	LF	44	\$	\$
7	FLAP GATE FOR 18" CORRUGATED METAL PIPE	EA	1	\$	\$
8	TYPE II ROCK DITCH CHECK	CY	4	\$	\$
9	TYPE C BERM	LF	256	\$	\$
10	SILT FENCE	LF	430	\$	\$
11	SEEDING AND MULCHING	AC	0.5	\$	\$
<u>Bridge Items</u>					
12	MOBILIZATION	LS	1	\$	\$
13	REMOVAL OF BRIDGE	LS	1	\$	\$
14	CLASS A EXCAVATION	CY	649	\$	\$
15	CLASS 1 EXCAVATION	CY	30	\$	\$
16	TYPE 5 COMPACTED GRANULAR FILL	CY	62	\$	\$
17	SEPERATION GEOTEXTILE	SY	932	\$	\$
18	TYPE 2 ROCK BLANKET	SY	716	\$	\$
19	14" CAST-IN-PLACE PILE	LF	480	\$	\$

20	CLASS B-1 CONCRETE (Substructure)	CY	16	\$	\$
21	CLASS B-2 CONCRETE (Superstructure Concrete on Box Girder)	SY	147	\$	\$
22	PRESTRESSED CONCRETE BOX BEAM (21"x48"x52'-4")	SF	1,256	\$	\$
23	REINFORCING STEEL	LB	3,155	\$	\$
24	BRIDGE GUARD RAIL (W-BEAM)	LF	130	\$	\$
25	GUARD RAIL END TERMINALS	EA	4	\$	\$
26	TYPE III OBJECT MARKER	EA	4	\$	\$

TOTAL CONTRACT PRICE: \$

(in words)

By

(signature)

(print)

NOTICE TO CONTRACTORS

Sealed bids for the Stoddard County Road 750 Bridge Replacement project, addressed to Stoddard County Commission, P.O. Box 110 for the proposed work will be received by the Presiding Commissioner until 10:00 A.M. (prevailing local time) on **07-05-16** at the office of The Presiding Commissioner, Stoddard County Courthouse, P.O. Box 110, and at that time will be publicly opened. Bids should be delivered to: Stoddard County Commission, P.O. Box 110 Bloomfield MO 63825.

(1) PROPOSED WORK: The proposed work for the Stoddard County Road 750 Bridge Replacement, hereinafter called the work, includes:

Replace an aging and inadequate bridge with a new single span box-beam bridge

(2) COMPLIANCE WITH CONTRACT PROVISIONS: The bidder, having examined and being familiar with the local conditions affecting the work, and with the contract, contract documents, including the Missouri Highways and Transportation Commission's "Missouri Standard Specifications for Highway Construction (2011), including Supplemental Specifications to 2011 Missouri Standard Specifications for Highway Construction – April 1, 2016", their revisions, and the request for bid, including appendices, the special provisions and plans, hereby proposes to furnish all labor, materials, equipment, services, etc., required for the performance and completion of the work. All references are to the Missouri Standard Specifications for Highway Construction, as revised, unless otherwise noted.

The following documents are available on the Missouri Department of Transportation web page at www.modot.mo.gov under "Business with MoDOT" "Standards and Specifications". The effective version shall be determined by the letting date of the project.

General Provisions & Supplemental Specifications

These supplemental bidding documents contain all current revisions to the bound printed versions and have important legal consequences. It shall be conclusively presumed that they are in the bidder's possession, and they have been reviewed and used by the bidder in the preparation of any bid submitted on this project.

Please note that within the above-listed documents, the term "Commission" shall be replaced with the term, "The Stoddard County Commission", and the term "Engineer" is a reference to the Engineer of Record from S.H. Smith & Co., Inc.

The contracting authority for this contract is The Stoddard County Commission.

(3) PERIOD OF PERFORMANCE: If the bid is accepted, the bidder agrees that work shall be diligently prosecuted at such rate and in such manner as, in the judgment of the engineer, is necessary for the completion of the work within the time specified as follows in accordance with Sec 108:

Calendar Days: 90 Calendar Days

Completion Date: March 31, 2017

The work for the project will have a 90 day window in which it is to be performed, with all work to be completed by the Completion Date.

(4) LIQUIDATED DAMAGES: The bidder agrees that, should the bidder fail to complete the work in the time specified or such additional time as may be allowed by the engineer under the contract, the amount of liquidated damages to be recovered in accordance with Sec 108 shall be as follows:

Liquidated damages per day calendar day past Completion Date: \$700.00