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Addendum 1
Solicitation 23-99646
St. Andrews Bridge Project

This addendum serves to notify all bidders of the following changes to the solicitation documents:

1. Please see the attached 3-page document identifying changes to the solicitation.

Please acknowledge receipt of this Addendum by checking the acknowledgment box within the www.bidexpress.com solicitation.

Posted: **September 26, 2023**

ADDENDUM #1, Tuesday September 26, 2023

St. Andrews Bridge Project
City Project # 1861
BID No. 23-99646

NOTICE

This Addendum is issued to modify, explain, or correct the original drawings, specifications and/or previous addenda and is hereby made a part of the Contract Documents. Please attach this Addendum to the specification and note receipt of this Addendum on the Request for Bid.

GENERAL

1. Bid Item REMOVE EXISTING BRIDGE is added.

2. Special provisions are modified.

3. The Project Bid Form is revised.

4. Descriptions of changes to drawings are for reference only and provide only a general overview of changes made. It is the Contractor's responsibility to fully assess and provide the specific requirements of the Work on all Plan sheets regardless of the description of sheet change(s) provided herein.

DRAWINGS

1. Drawing changes to the ESTIMATED QUANTITIES AND NOTES are as follows:
    a. Sheet 4; Delete Sheet No. 4 in its entirety and replace with Sheet No. 04R Revision Date 9/14/23.
    b. Revisions to Sheet are as follows:
        i. Added bid item REMOVE EXISTING BRIDGE.

SPECIFICATIONS

1. Division SP, (2442) RREMOVAL OF EXISTING BRIDGES is hereby added to the project Special Provisions.

END OF ADDENDUM

NOTES

1. CONTRACTOR SHALL PERFORM A FIELD REVIEW OF TREES DESIGNATED FOR REMOVAL WITH THE ENGINEER PRIOR TO BEGINNING WORK. CONTRACTOR SHALL PROTECT TREES NOT DESIGNATED FOR REMOVAL.
2. EXCESS MATERIAL TO BE DISPOSED OF BY THE CONTRACTOR OFF PROJECT RIGHT-OF-WAY (INCIDENTAL).
3. FILTER FABRIC AND COARSE FILTER AGGREGATE AND ALL CONNECTIONS NEEDED TO CONNECT TO DRAINAGE STRUCTURES ARE INCIDENTAL.
4. BITUMINOUS MIX COMPUTED AT 115 LBS/ SQ YD/ INCH OF THICKNESS.
5. INCLUDES BITUMINOUS MATERIAL FOR TACK COAT APPLIED AT 0.05 GALLONS / SQ. YD.
6. STORM SEWER PIPE INCLUDES COARSE FILTER AGGREGATE FOR BEDDING AND GRANULAR BACKFILL ENCASEMENT COVER.
7. STRUCTURES INCLUDE BEDDING AND GRANULAR BACKFILL.
8. EQUAL TO THE NUMBER OF SANITARY SEWER MANHOLES (RECONSTRUCT DRAINAGE STRUCTURE).
9. INCLUDES NECESSARY GRADING AND 4" TOPSOIL. INCLUDES EXCAVATION - COMMON (0.33 CU YD/SQ YD) AND SOIL PREPARATION.
10. INCLUDES THE REMOVAL OF ICB5A AND ICB5B. SEE PLAN SHEET 27 FOR DETAILS
11. SILT FENCE TO BE PLACED AS DETAILED IN THE PLANS WITH MODIFICATIONS AS NECESSARY AND AS APPROVED BY THE ENGINEER.
12. INCLUDES APRON.
13. INCLUDES CASTINGS.
14. INCLUDES REMOVAL OF EXISTING BRIDGE NO. L8514. BRIDGE L8514 CONSISTS OF THREE LINES OF 72"X44" CMP ARCHES. EACH APPROXIMATELY 46 FEET LONG. BRIDGE WAS CONSTRUCTED IN 1950.

STATEMENT OF ESTIMATED QUANTITIES

BID ITEM	NOTES	CHART	SPEC. NO.	ITEM	UNIT	ESTIMATED QUANTITY				FINAL QUANTITY			
						BRIDGE BOND PARTICIPATING	BRIDGE BOND NON-PARTICIPATING	STORM SEWER	TOTAL	BRIDGE BOND PARTICIPATING	BRIDGE BOND NON-PARTICIPATING	STORM SEWER	TOTAL
1			2021.501	MOBILIZATION	LUMP SUM	0.51	0.49		1				
2	1		2101.501	CLEARING AND GRUBBING	LUMP SUM		1		1				
3	10	A	2104.502	REMOVE MANHOLE OR CATCH BASIN	EACH		2		2				
4		B	2104.503	SAWING BITUMINOUS PAVEMENT (FULL DEPTH)	LIN FT		40		40				
5	12	A	2104.503	REMOVE SEWER PIPE (STORM)	LIN FT		22		22				
6		B	2104.503	REMOVE CURB & GUTTER	LIN FT		600		600				
7		B	2104.504	REMOVE BITUMINUOUS PAVEMENT	SQ YD		659		659				
8		B	2104.518	REMOVE CONCRETE WALK	SQ FT		28		28				
9	2	C	2106.507	EXCAVATION - COMMON	CU YD		1168 (P)		1168 (P)				
10		C	2106.507	SELECT GRANULAR EMBANKMENT MOD 7% (CV)	CU YD		622 (P)		622 (P)				
11			2106.601	DEWATERING	LUMP SUM	1			1				
12		C, F	2108.504	GEOTEXTILE FABRIC TYPE 6	SQ YD		1983		1983				
13			2108.604	SOIL STABILIZATION GEOGRID	SQ YD		933		933				
14		C	2211.507	AGGREGATE BASE (CV) CLASS 5	CU YD		194 (P)		194 (P)				
15	4, 5	C	2360.509	TYPE SP 12.5 WEARING COURSE MIX (3,C)	TON		134		134				
16		F	2411.507	STRUCTURE EXCAVATION CLASS E	CU YD		263 (P)		263 (P)				
17			2411.507	STRUCTURE EXCAVATION CLASS U	CU YD	545 (P)			545 (P)				
18			2412.502	20X5 PRECAST CONCRETE BOX CULVERT END SECTION	EACH	2			2				
19			2412.503	20X5 PRECAST CONCRETE BOX CULVERT	LIN FT	44			44				
20			2442.501	REMOVE EXISTING BRIDGE	LUMP SUM		1		1				
21		F	2451.507	GRANULAR BACKFILL (CV)	CU YD	173 (P)	198 (P)		371 (P)				
22		F	2451.507	COARSE AGGREGATE BEDDING (CV)	CU YD	162 (P)	61 (P)		223 (P)				
23		F	2501.502	12" CS PIPE APRON	EACH			2	2				
24	6	F	2501.503	12" CP PIPE SEWER CULVERT (SMOOTH)	LIN FT			68	68				
25	6	F	2501.503	12" RC PIPE SEWER DES 3006 CL. III	LIN FT			172	172				
26	3	E	2502.503	4" PERF PVC PIPE DRAIN	LIN FT		600		600				
27			2504.604	3" POLYSTYRENE INSULATION	SQ YD	37			37				
28	7, 13	F	2506.502	CONST DRAINAGE STRUCTURE DESIGN G	EACH			4	4				
29		G	2506.502	CASTING ASSEMBLY	EACH			2	2				
30	7	F	2506.503	CONST DRAINAGE STRUCTURE DES 60-4020	LIN FT			16.4	16.4				
31		F	2506.602	RECONSTRUCT DRAINAGE STRUCTURE	EACH			1	1				
32	8		2506.602	MANHOLE FRAME SEALS	EACH			1	1				
33			2506.602	ADJUST FRAME & RING CASTING	EACH			1	1				
34	8		2506.602	CONCRETE ENCASED CASTING COLLAR	EACH			1	1				
35			2511.504	GEOTEXTILE FILTER TYPE 3	SQ YD		34		34				
36			2511.507	RANDOM RIPRAP CLASS II	CU YD		6		6				
37			2511.507	RANDOM RIPRAP CLASS IV	CU YD	40			40				
38			2511.507	RANDOM RIPRAP CLASS SPECIAL	CU YD	100			100				
39		D	2531.503	CONCRETE CURB & GUTTER DESIGN B624	LIN FT		600		600				
40			2563.601	TRAFFIC CONTROL	LUMP SUM	0.51	0.49		1				
41			2573.501	EROSION CONTROL SUPERVISOR	LUMP SUM		1		1				
42			2573.502	STORM DRAIN INLET PROTECTION	EACH		6		6				
43	11		2573.503	SILT FENCE, TYPE HI	LIN FT		1100		1100				
44			2573.601	TEMPORARY STREAM DIVERSION SYSTEM	LUMP SUM	1			1				
45	9		2575.504	SODDING TYPE LAWN	SQ YD		796		796				
46			2575.523	RAPID STABILIZATION METHOD 3	M GALLON		1		1				

(P) INDICATES PLAN QUANTITY

REV. NO.	DATE	REVISION	DRAWN BY	CHECKED BY
1	9/14/2023	ADDED PAY ITEM	JRM	JWS

I HEREBY CERTIFY THAT THIS PLAN, SPECIFICATION, OR REPORT WAS PREPARED BY ME OR UNDER MY DIRECT SUPERVISION AND THAT I AM A DULY LICENSED PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF MINNESOTA.

NAME: JON W. SIITER LIC. NO. 25128 DATE 09/14/2023

City of Duluth

State Aid Proj. No. 118-080-066

ESTIMATED QUANTITIES AND NOTES

Sheet No. 04R of 34 Sheets

SPECIAL PROVISIONS - ADDENDUM #1

SP-1 (2442) REMOVAL OF EXISTING BRIDGES

SP-1.1 DESCRIPTION

This work shall consist of the removal and disposal of in place bridges in accordance with MnDOT 2442 and the following:

SP-1.2 All materials removed for State Bridge No. L8514 shall become the property of the Contractor.

SP-1.3 Contractor shall submit a Minnesota Pollution Control Agency Notification of Intent to Perform a Bridge Demolition form at least 10 Calendar Days prior to demolition of the bridge structure. http://www.dot.state.mn.us/environment/buildingbridge/notification.html

SP-1.4 The Contractor shall remove structures in such a manner in which no debris or bridge materials shall fall into Tischer Creek. The Contractor shall provide all necessary equipment (barges, rafts, etc.) required to remove the structure. All sawing or cutting waste materials (concrete slurry, concrete dust, steel slag, etc.) shall be contained. **The Contractor shall submit, as part of the written project work plan, a full summary detailing the containment measures used to minimize impacts to West Swan River.** Barges, rafts, etc. must be sized to extend at least 10' beyond the bridge deck width. No work shall take place until this plan has been approved by the Engineer. The Engineer may require modifications to the plan at any time and approval of the plan does not alleviate the Contractor from making adjustments to ensure containment is achieved. **Failure to comply with these provisions will result in a monetary deduction of $10,000 per occurrence.**

SP-1.5 Transport and dispose of regulated waste material in accordance with Asbestos and Regulated Waste Manual for Structure Demolition or Relocations for Construction Projects at Regulated Material Management (state.mn.us)

SP-1.6 Remove, identify and dispose of regulated waste material in accordance with SP-15 (1701) LAWS TO BE OBSERVED (BRIDGE)

SP-1.7 Transfer of ownership forms shall be completed for any regulated waste material deemed in serviceable condition and/or proposed to be reused by another party. The intent of the forms is to disclose information that alerts the prospective owner to regulations and requirements of proper use and management of the material.
https://www.dot.state.mn.us/environment/regulatedmaterials/ownership.html