



CITY OF DULUTH
PURCHASING DIVISION
Room 100 City Hall
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218/730-5340
purchasing@duluthmn.gov

City of Duluth Bid # 2017-0382
Job Description: Congdon Boulevard
City Project No. 1035
S.P. 118-060-011

Addendum #1

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

Bid Form:

The items and quantities in the Bid Form (Exhibit A) have been revised to remove Construction Surveying as a bid item. Replace Exhibit A with the attached Exhibit A.

Instructions to Bidders:

As this project is funded and controlled by FHWA, a project labor agreement will not be required for this project.

Specifications:

SP-24 (2011) CONSTRUCTION SURVEYING has been deleted and replaced the following:

SP-24 SURVEYING TO BE PERFORMED BY CITY OF DULUTH

The City of Duluth will provide construction surveying for this project. The anticipated staking that will be provided includes:

1. Centerline staking – Grade stakes set to top of 6" reclamation at 100' intervals in tangents and 50' intervals in curves.
2. Shoulder break staking – Grade stakes set to top of 6" reclamation at 50' intervals in super elevations and transitions.

City of Duluth will also mark and tie out all PI rebar in roadway prior to milling operation. City will also replace all rebar after placement of final bituminous lift.

The Contractor shall be responsible for the preservation of all reference points, monuments, government land corners, horizontal and vertical control points, stakes,

and marks that are established by City or others within the Project limits. If the Contractor fails to preserve these items and if they must be reestablished by City, the City will deduct a charge from monies due or becoming due the Contractor according to the City's costs.

Plansheets:

Plan Sheet 3 has been revised to remove Construction Surveying as a pay item. Replace Sheet 3 with the attached Sheet 3.

Please acknowledge receipt of this Addendum by initialing and dating Addendum # below the bid form on the invitation for bids. Return the entire bound Project Proposal and all addenda as your bid.

Patrick F. Loomis
Project Engineer

Posted Date:
May 25, 2017

EXHIBIT A

Schedule of Prices

Line No.	Spec. No.	Description	Unit	Est. Qty	Unit Price	Total Price
1	2021.501	MOBILIZATION	LUMP SUM	1.00		
2	2101.511	CLEARING AND GRUBBING	LUMP SUM	1.00		
3	2104.501	REMOVE PIPE CULVERTS (P)	LIN FT	505.00		
4	2104.501	REMOVE GUARDRAIL - PLATE BEAM	LIN FT	141.00		
5	2104.503	REMOVE CONCRETE WALK	SQ FT	41.00		
6	2104.505	REMOVE BITUMINOUS DRIVEWAY PAVEMENT (P)	SQ YD	2,058.00		
7	2104.505	REMOVE BITUMINOUS SHOULDER PAVEMENT (P)	SQ YD	389.00		
8	2104.509	REMOVE ECCENTRIC LOADER BCT	EACH	13.00		
9	2104.509	REMOVE PIPE APRON	EACH	9.00		
10	2104.509	REMOVE MAIL BOX SUPPORT	EACH	2.00		
11	2104.509	REMOVE GUARDRAIL POST	EACH	216.00		
12	2104.511	SAWING CONCRETE PAVEMENT (FULL DEPTH)	LIN FT	9.00		
13	2104.513	SAWING BITUMINOUS PAVEMENT (FULL DEPTH)	LIN FT	1,794.00		
14	2104.521	SALVAGE GUARDRAIL-PLATE BEAM	LIN FT	1,366.00		
15	2104.523	SALVAGE CONCRETE APRON	EACH	1.00		
16	2104.523	SALVAGE SIGN TYPE C	EACH	1.00		
17	2105.607	COMMON BORROW SPECIAL (LV)	CU YD	550.00		
18	2118.502	AGGREGATE SURFACING (LV), CLASS 5	CU YD	135.00		
19	2118.607	AGGREGATE SURFACING (CV) CLASS 1	CU YD	470.00		
20	2123.503	MOTOR GRADER	HOURL	60.00		
21	2123.525	8 TON STEEL-WHEELER ROLLER	HOURL	60.00		
22	2130.501	WATER	M GALLON	25.00		
23	2215.501	FULL DEPTH RECLAMATION (P)	SQ YD	99,790.00		
24	2211.503	AGGREGATE BASE (CV) CLASS 5	CU YD	610.00		
25	2232.501	MILL BITUMINOUS SURFACE (6.0") (P)	SQ YD	41,890.00		
26	2232.501	MILL BITUMINOUS SURFACE (8.5") (P)	SQ YD	57,900.00		
27	2357.606	BITUMINOUS MATERIAL FOR SHOULDER TACK	GALLON	3,620.00		
28	2360.501	TYPE SP 9.5 WEARING COURSE MIXTURE (3,C)	TON	19,046.00		
29	2360.502	TYPE SP 12.5 NON WEARING COURSE MIXTURE (3,B)	TON	6,658.00		
30	2451.507	GRANULAR BEDDING (CV)	CU YD	50.00		
31	2501.511	15" CP PIPE CULVERT (SMOOTH)	LIN FT	449.00		
32	2501.511	18" CP PIPE CULVERT (SMOOTH)	LIN FT	62.00		
33	2501.515	15" GS PIPE APRON	EACH	39.00		
34	2501.515	18" GS PIPE APRON	EACH	8.00		
35	2501.561	48" RC PIPE CULVERT DESIGN 3006 CLASS V	LIN FT	40.00		
36	2501.573	INSTALL CONCRETE APRON	EACH	1.00		

EXHIBIT A

Schedule of Prices

Line No.	Spec. No.	Description	Unit	Est. Qty	Unit Price	Total Price
37	2501.603	CLEAN DRAINAGE DITCH	LIN FT	4,257.00		
38	2504.602	ADJUST GATE VALVE AND BOX	EACH	1.00		
39	2506.501	CONST. DRAINAGE STRUCTURE DES 84-4020	LIN FT	8.00		
40	2506.516	CASTING ASSEMBLY	EACH	1.00		
41	2511.501	RANDOM RIPRAP CLASS III	CU YD	171.00		
42	2521.501	4" CONCRETE WALK	SQ FT	36.00		
43	2531.618	TRUNCATED DOMES	SQ FT	16.00		
44	2540.602	MAIL BOX SUPPORT	EACH	2.00		
45	2554.523	END TREATMENT - TANGENT TERMINAL	EACH	11.00		
46	2554.602	POST ASSEMBLY - PLATE BEAM	EACH	216.00		
47	2554.602	LOWER GUARDRAIL POSTS	EACH	237.00		
48	2554.603	INSTALL GUARDRAIL	LIN FT	1,366.00		
49	2563.601	TRAFFIC CONTROL	LUMP SUM	1.00		
50	2564.537	INSTALL SIGN TYPE C	EACH	1.00		
51	2564.531	SIGN PANELS TYPE C	SQ FT	5.00		
52	2573.502	SILT FENCE, TYPE MS	LIN FT	10,998.00		
53	2573.530	STORM DRAIN INLET PROTECTION	EACH	4.00		
54	2573.533	SEDIMENT CONTROL LOG TYPE ROCK	LIN FT	777.00		
55	2573.535	STABILIZED CONSTRUCTION EXIT	LUMP SUM	1.00		
56	2573.560	CULVERT END CONTROLS	EACH	42.00		
57	2574.508	FERTILIZER TYPE 4	POUND	658.00		
58	2575.501	SEEDING (P)	ACRE	6.00		
59	2575.502	SEED MIXTURE 33-361	POUND	192.00		
60	2575.511	MULCH MATERIAL TYPE 3	TON	5.00		
61	2575.519	DISK ANCHORING	ACRE	3.00		
62	2575.523	EROSION CONTROL BLANKETS CATEGORY 3	SQ YD	13,788.00		
63	2582.502	4" DOUBLE SOLID LINE PAINT	LIN FT	23,100.00		
64	2582.502	4" SOLID LINE EPOXY	LIN FT	55,700.00		
65	2582.502	4" BROKEN LINE EPOXY	LIN FT	6,000.00		
66	2582.502	4" DOUBLE SOLID LINE EPOXY	LIN FT	8,090.00		

TOTAL: _____

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STATEMENT OF ESTIMATED QUANTITIES									
NOTE	TAB	ITEM NO.	ITEM DESCRIPTION	UNIT	S.P. 118-060-011 (80% FEDERAL FUNDS - 20% LOCAL FUNDS)				
					TOTAL ESTIMATED QUANTITIES	ESTIMATED ROAD QUANTITIES		ESTIMATED SHOULDER 1 QUANTITIES	
						STA 0+77.00 - STA 235+77.76		STA 0+77.00 - STA 23+50.00	STA 23+50.00 - STA 235+77.76
1		2011.601	CONSTRUCTION SURVEYING	LUMP SUM	1	0.53		0.03	0.44
		2021.601	MOBILIZATION	LUMP SUM	1	0.53		0.03	0.44
		2101.511	CLEARING AND GRUBBING	LUMP SUM	1				1
1	A	2104.501	REMOVE PIPE CULVERTS	(P) LIN FT	505				505
	D	2104.501	REMOVE GUARDRAIL - PLATE BEAM	LIN FT	141				141
	A	2104.503	REMOVE CONCRETE WALK	SQ FT	41				41
	A	2104.505	REMOVE BITUMINOUS DRIVEWAY PAVEMENT	(P) SQ YD	2058				2058
		2104.505	REMOVE BITUMINOUS SHOULDER PAVEMENT	(P) SQ YD	389				389
	D	2104.509	REMOVE ECCENTRIC LOADER BCT		13				13
	A	2104.509	REMOVE PIPE APRON	EACH	9				9
4		2104.509	REMOVE MAIL BOX SUPPORT	EACH	2				2
	D	2104.509	REMOVE GUARDRAIL POST	EACH	216				216
13	A	2104.511	SAWING CONCRETE PAVEMENT (FULL DEPTH)	LIN FT	9				9
	A	2104.513	SAWING BITUMINOUS PAVEMENT (FULL DEPTH)	LIN FT	1794	132		44	1618
	D	2104.521	SALVAGE GUARDRAIL-PLATE BEAM	LIN FT	1366				1366
3	F	2104.523	SALVAGE CONCRETE APRON	EACH	1				1
14		2104.523	SALVAGE SIGN TYPE C	EACH	1				1
17	F	2105.607	COMMON BORROW SPECIAL (LV)	CU YD	550				550
	B	2118.502	AGGREGATE SURFACING (LV), CLASS 5	CU YD	135				135
	B	2118.607	AGGREGATE SURFACING (CV) CLASS 1	CU YD	470			45	425
4,16		2123.503	MOTOR GRADER	HOURL	60	35		2	23
4,16		2123.525	8 TON STEEL-WHEELER ROLLER	HOURL	60	35		2	23
12		2130.501	WATER	M GALLON	25	15		1	9
5,19,20	B	2215.501	FULL DEPTH RECLAMATION	(P) SQ YD	99790	57900		4051	37839
	B	2211.503	AGGREGATE BASE (CV) CLASS 5	CU YD	610				610
19,20	B	2232.501	MILL BITUMINOUS SURFACE (6.0")	(P) SQ YD	41890			4088	37802
19,20	B	2232.501	MILL BITUMINOUS SURFACE (8.5")	(P) SQ YD	57900	57900			
15	B	2357.606	BITUMINOUS MATERIAL FOR SHOULDER TACK	GALLON	3620			350	3270
6	B	2360.501	TYPE SP 9.5 WEARING COURSE MIXTURE (3,C)	TON	19046	9988		815	8243
6	B	2360.502	TYPE SP 12.5 NON WEARING COURSE MIXTURE (3,B)	TON	6658	6658			
	F	2451.507	GRANULAR BEDDING (CV)	CU YD	50				50
	F	2501.511	15" CP PIPE CULVERT (SMOOTH)	LIN FT	449				449
	F	2501.511	18" CP PIPE CULVERT (SMOOTH)	LIN FT	62				62
	F	2501.515	15" GS PIPE APRON	EACH	39				39
	F	2501.515	18" GS PIPE APRON	EACH	8				8
7	F	2501.561	48" RC PIPE CULVERT DESIGN 3006 CLASS V	LIN FT	40				40
3	F	2501.573	INSTALL CONCRETE APRON	EACH	1				1
18	G	2501.603	CLEAN DRAINAGE DITCH	LIN FT	4257				4257
	C	2504.602	ADJUST GATE VALVE AND BOX	EACH	1				1
		2506.501	CONST. DRAINAGE STRUCTURE DES 84-4020	LIN FT	8				8
		2506.516	CASTING ASSEMBLY	EACH	1				1
	F	2511.501	RANDOM RIPRAP CLASS III	CU YD	171				171
	E	2521.501	4" CONCRETE WALK	SQ FT	36				36
	E	2531.618	TRUNCATED DOMES	SQ FT	16				16
4		2540.602	MAIL BOX SUPPORT	EACH	2				2
8	D	2554.523	END TREATMENT - TANGENT TERMINAL	EACH	11				11
	D	2554.602	POST ASSEMBLY - PLATE BEAM	EACH	216				216
	D	2554.602	LOWER GUARDRAIL POSTS	EACH	237				237
	D	2554.603	INSTALL GUARDRAIL	LIN FT	1366				1366
		2563.601	TRAFFIC CONTROL	LUMP SUM	1	0.53		0.03	0.44
	H	2564.531	SIGN PANELS TYPE C	SQ FT	5				5
14		2564.537	INSTALL SIGN TYPE C	EACH	1				1
	J	2573.502	SILT FENCE, TYPE MS	LIN FT	10998			1673	9325
	J	2573.530	STORM DRAIN INLET PROTECTION	EACH	4				4
	J	2573.533	SEDIMENT CONTROL LOG TYPE ROCK	LIN FT	777				777
		2573.535	STABILIZED CONSTRUCTION EXIT	LUMP SUM	1	0.53		0.03	0.44
	J	2573.560	CULVERT END CONTROLS	EACH	42			3	39
9	K	2574.508	FERTILIZER TYPE 4	POUND	658			41	617
	K	2575.501	SEEDING	(P) ACRE	6			0.34	5.66
10	K	2575.502	SEED MIXTURE 33-361	POUND	192			12	180
11	K	2575.511	MULCH MATERIAL TYPE 3	TON	5			0.61	4.39
	K	2575.519	DISK ANCHORING	ACRE	3			0.31	2.69
	K	2575.523	EROSION CONTROL BLANKETS CATEGORY 3	SQ YD	13788			142	13646
2		2582.502	4" DOUBLE SOLID LINE PAINT	LIN FT	23100	23100			
	I	2582.502	4" SOLID LINE EPOXY	LIN FT	55700			4531	51169
	I	2582.502	4" BROKEN LINE EPOXY	LIN FT	6000	6000			
	I	2582.502	4" DOUBLE SOLID LINE EPOXY	LIN FT	8090	8090			

NOTES:	
1	INCLUDES APRONS.
2	INCLUDED FOR TRAFFIC CONTROL OPERATIONS.
3	48" RCP APRON.
4	AS DIRECTED BY THE ENGINEER.
5	2" BITUMINOUS AND 4" AGGREGATE BASE CLASS 5 ON MAINLINE. 1.0" BITUMINOUS AND 5.0" AGGREGATE BASE ON SHOULDERS.
6	COMPUTED AT A RATE OF 115 LBS./SQ. YD./IN. MUST BE CONSTRUCTED IN THE LIFTS SHOWN ON THE TYPICAL SECTIONS.
7	20 LIN. FT. TO BE USED AS DIRECTED BY THE ENGINEER.
8	SKT-350 OR ET-PLUS.
9	ANALYSIS 18-1-8 APPLIED AT A RATE OF 120 LBS./ACRE.
10	APPLIED AT A RATE OF 35 LBS./ACRE.
11	APPLIED AT A RATE OF 2 TONS/ACRE.
12	APPLIED AT A RATE OF 0.25 GALLONS/SQ. YD. AS DIRECTED BY THE ENGINEER.
13	SIDEWALK.
14	NO PASSING ZONE (DOUBLE POSTS)
15	APPLIED AT A RATE OF 0.25 GALLONS/SQ. YD.
16	FLAGGERS ARE INCIDENTAL.
17	FILL MATERIAL OVER 48" PIPE EXTENSION.
18	SEE SPECIAL PROVISIONS.
19	ANY EXCESS MATERIAL MOVED ONSITE OR REMOVED FROM SITE IS INCIDENTAL.
20	RECLAMATION OR MILLING MATERIAL TO BE USED FOR TEMPORARY ACCESS ON DRIVEWAYS THROUGHOUT THE PROJECT AND WILL BE CONSIDERED INCIDENTAL.

EXISTING UTILITIES	
COMPANY	SERVICE
GOPHER STATE ONE CALL	LOCATORS
CITY OF DULUTH	STREET LIGHTS, SIGNALS, WATER, GAS, SANITARY AND STORM SEWER
DULUTH NORTH SHORE SANITARY DISTRICT	SANITARY SEWER
MINNESOTA DEPARTMENT OF TRANSPORTATION	STREET LIGHTS
MINNESOTA POWER	ELECTRIC POWER
NORTHEAST SERVICE COOPERATIVE	FIBER OPTIC
CENTURY LINK	TELEPHONE
LAKE CONNECTIONS	FIBER OPTIC
CHARTER COMMUNICATIONS	CABLE TV

STANDARD PLATES	
THESE STANDARD PLATES AS APPROVED BY THE FHWA SHALL APPLY	
PLATE NO.	DESCRIPTION
3000L	REINFORCED CONCRETE PIPE
3006G	GASKET JOINT FOR R.C. PIPE
3100G	CONCRETE APRON FOR REINFORCED CONCRETE PIPE
3133D	RIPRAP AT RCP OUTLETS
4020J	MANHOLE OR CATCH BASIN
4143E	STOOL GRATE & CONCRETE FRAME
8000J	CHANNELIZERS
8338D	W-BEAM GUARDRAIL & END ANCHORAGES
9000E	APPROACHES AND ENTRANCES - RECOMMENDED STANDARDS
9102E	TURF ESTABLISHMENT AREAS (AT PIPE CULVERT ENDS)
9350A	MAILBOX SUPPORT

DRAWN BY: REH	1	REH	5/22/17	CONSTRUCTION SURVEYING REMOVED
DESIGNER: MJB				
CHECKED BY: JCK				
DESIGN TEAM	NO.	BY	DATE	REVISIONS

I HEREBY CERTIFY THAT THIS PLAN 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.	
	Matthew J. Bolt, PE
Date: 2/8/2017	Lic. No. 43913



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DULUTH, MINNESOTA
CONGDON BOULEVARD
S.P. 118-060-011

STATEMENT OF ESTIMATED QUANTITIES	FILE NO. DULUT 135859	3 85
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