

BID AWARD SUMMARY

LETTING DATE: May 31, 2016

PROJECT: 5th St. & Catron Blvd. Traffic Signal and Utility Improvements
Project No. 13-2143 / CIP No. 51020

RECOMMENDATION: Award Total Bid in the amount of \$520,621.05 to Mainline Contracting, Inc. at the June 6, 2016 Council Meeting.

BIDDERS' SUMMARY

CONTRACTORS

TOTAL BID

Mainline Contracting, Inc.	\$520,621.05
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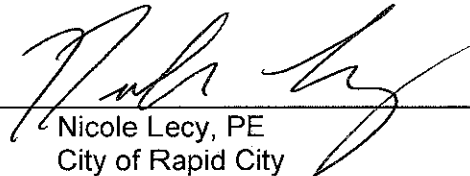
City staff recommends awarding this project to Mainline Contracting, Inc. for a total bid amount of \$520,621.05 based on unit pricing with the following appropriation:

FUNDING SOURCE	TOTAL	Streets	Wastewater	Drainage
ADVERTISING AUTHORITY	\$480,000.00	\$330,000.00	\$100,000.00	\$50,000.00
ENGINEER'S ESTIMATE	\$546,000.00			

APPROPRIATION DATA:

FUNDING SOURCE	TOTAL	Streets	Wastewater	Drainage
COST CENTER		8910	0833	8911
LINE ITEM		4370	4380	4371
FUNDING CENTER		505	604	505
BID AMOUNT	\$520,621.05	\$323,434.54	\$134,352.42	\$62,834.09

PROJECT MANAGER:


Nicole Lecy, PE
City of Rapid City

DATE:

6/1/2016

**PROJECT NAME: 5TH ST. & CATRON BLVD. TRAFFIC SIGNAL AND
UTILITY IMPROVEMENTS PROJECT**

PROJECT NUMBER: PROJECT NO. 13-2143 / CIP NO. 51020

LET DATE: MAY 31, 2016

LOW BID AMOUNT: \$520,621.05

ITEM NO.	STD. BID ITEM NO.	DESCRIPTION OF ITEM	UNIT	QTY (EST)	ENGINEER'S ESTIMATE		MAINLINE CONTRACTING, INC.	
					UNIT COST	TOTAL COST	UNIT COST	TOTAL COST
1	001.01	MOBILIZATION	LS	1	\$ 45,001.40	\$ 45,001.40	\$30,000.00	\$ 30,000.00
2	SPECIAL	TAX ON CITY FURNISHED MATERIALS	LS	1	\$ 436.50	\$ 436.50	\$450.00	\$ 450.00
3	001.02	INCIDENTAL	LS	1	\$ 4,000.00	\$ 4,000.00	\$2,000.00	\$ 2,000.00
4	SPECIAL	INCIDENTAL, ELECTRICAL	LS	1	\$ 5,000.00	\$ 5,000.00	\$24,543.35	\$ 24,543.35
5	001.03	CONSTRUCTION STAKING	LS	1	\$ 4,000.00	\$ 4,000.00	\$2,024.83	\$ 2,024.83
6	001.04	REESTABLISH PROPERTY CORNERS	EA	1	\$ 500.00	\$ 500.00	\$184.07	\$ 184.07
7	B01.03	REMOVE MANHOLE	EA	2	\$ 800.00	\$ 1,600.00	\$1,330.65	\$ 2,661.30
8	B05.13	REMOVE PCC PAVEMENT	SY	225	\$ 60.00	\$ 13,500.00	\$16.00	\$ 3,600.00
9	B05.18	REMOVE CONCRETE CURB & GUTTER	LF	91	\$ 20.00	\$ 1,820.00	\$11.14	\$ 1,013.74

10	B05.26	REMOVE PCC SIDEWALK	SY	32	\$	25.00	\$	800.00	\$18.93	\$	605.76
11	SPECIAL	REMOVE RIPRAP	CY	30	\$	20.00	\$	600.00	\$21.16	\$	634.80
12	B06.03	REMOVE & RESET FENCE	LF	140	\$	15.00	\$	2,100.00	\$6.13	\$	858.20
13	B07.02	REMOVE SIGNAL POLE FOOTING	EA	3	\$	600.00	\$	1,800.00	\$211.97	\$	635.91
14	B08.01	REMOVE PAVEMENT MARKING, STRIPES	LF	4,716	\$	1.10	\$	5,187.60	\$0.37	\$	1,744.92
15	B08.02	REMOVE PAVEMENT MARKING, ARROW	EA	11	\$	150.00	\$	1,650.00	\$30.68	\$	337.48
16	B08.04	REMOVE & RESET SIGN	EA	14	\$	150.00	\$	2,100.00	\$104.31	\$	1,460.34
17	B08.05	REMOVE & SALVAGE SIGN	EA	14	\$	60.00	\$	840.00	\$92.04	\$	1,288.56
18	C02.01	EXCAVATION, UNCLASSIFIED	CY	384	\$	25.00	\$	9,600.00	\$19.25	\$	7,392.00
19	C02.02	EXCAVATION, UNCLASSIFIED-DIGOUTS W/NATIVE MATERIAL	CY	30	\$	30.00	\$	900.00	\$25.00	\$	750.00
20	C02.10	EXCAVATION, EXPLORATORY	HR	25	\$	150.00	\$	3,750.00	\$260.71	\$	6,517.75
21	C06.01	BORROW, IMPORTED	CY	800	\$	30.00	\$	24,000.00	\$16.55	\$	13,240.00
22	C08.03	SEEDING, FERTILIZING, & MULCHING	SY	1,610	\$	5.00	\$	8,050.00	\$3.57	\$	5,747.70
23	D09.01	TYPE I BEDDING MATERIAL	T	60	\$	20.00	\$	1,200.00	\$22.00	\$	1,320.00
24	D10.02	TYPE III FOUNDATION MATERIAL	T	60	\$	20.00	\$	1,200.00	\$24.00	\$	1,440.00
25	D10.03	TYPE IV FOUNDATION MATERIAL	T	60	\$	20.00	\$	1,200.00	\$30.00	\$	1,800.00
26	E05.04	15" PVC SEWER MAIN (10'-12')	LF	83	\$	70.00	\$	5,810.00	\$110.94	\$	9,208.02

27	SPECIAL	15" PVC SEWER MAIN CAP	EA	1	\$	350.00	\$	350.00	\$	156.10	\$	156.10
28	E15.01	STANDARD MANHOLE, 48"	EA	1	\$	4,000.00	\$	4,000.00	\$	4,929.43	\$	4,929.43
29	E15.04	STANDARD MANHOLE, 84"	EA	1	\$	17,000.00	\$	17,000.00	\$	15,583.91	\$	15,583.91
30	E19.01	EXTRA MANHOLE DEPTH, 48"	VF	5	\$	250.00	\$	1,250.00	\$	616.56	\$	3,082.80
31	E19.04	EXTRA MANHOLE DEPTH, 84"	VF	7	\$	700.00	\$	4,900.00	\$	886.58	\$	6,206.06
32	E24.02	CONNECT TO EXISTING SEWER MAIN	EA	2	\$	800.00	\$	1,600.00	\$	1,195.41	\$	2,390.82
33	E27.01	ADJUST MANHOLE RING & COVER	EA	2	\$	500.00	\$	1,000.00	\$	321.46	\$	642.92
34	E28.01	BYPASS PUMPING	LS	1	\$	9,000.00	\$	9,000.00	\$	18,726.43	\$	18,726.43
35	G01.10	30" RCP, CLASS II	LF	8	\$	80.00	\$	640.00	\$	127.78	\$	1,022.24
36	G01.13	36" RCP, CLASS III	LF	22	\$	105.00	\$	2,310.00	\$	222.78	\$	4,901.16
37	SPECIAL	TYPE L MEDIAN DRAIN	EA	1	\$	4,000.00	\$	4,000.00	\$	1,847.14	\$	1,847.14
38	G28.02	STORM SEWER MANHOLE, 60"	EA	1	\$	7,000.00	\$	7,000.00	\$	4,497.07	\$	4,497.07
39	G29.02	EXTRA STORM SEWER MANHOLE DEPTH, 60"	VF	13	\$	500.00	\$	6,500.00	\$	705.65	\$	9,173.45
40	G30.01	CONNECT TO EXISTING STORM SEWER MANHOLE	EA	1	\$	800.00	\$	800.00	\$	1,515.88	\$	1,515.88
41	G37.02	60" TRASH RACK	EA	1	\$	1,500.00	\$	1,500.00	\$	2,530.45	\$	2,530.45
42	G38.01	CONNECT TO EXISTING STORM SEWER	EA	1	\$	500.00	\$	500.00	\$	2,013.95	\$	2,013.95

43	H02.01	CLASS A RIPRAP	CY	25	\$	95.00	\$	2,375.00	\$	116.46	\$	2,911.50
44	H07.01	EROSION CONTROL BLANKET	SY	1,000	\$	4.00	\$	4,000.00	\$	2.25	\$	2,250.00
45	H09.01	FILTER FABRIC, NONWOVEN	SY	35	\$	4.00	\$	140.00	\$	7.02	\$	245.70
46	H15.01	9" WATTLES	LF	260	\$	7.00	\$	1,820.00	\$	6.13	\$	1,593.80
47	H16.01	EROSION CONTROL, INLET PROTECTION	EA	6	\$	200.00	\$	1,200.00	\$	104.31	\$	625.86
48	I02.01	GRAVEL CUSHION	T	214	\$	35.00	\$	7,490.00	\$	31.50	\$	6,741.00
49	I16.06	PCC PAVEMENT, 8.5" NONREINFORCED	SY	331	\$	110.00	\$	36,410.00	\$	105.54	\$	34,933.74
50	SPECIAL	CONCRETE CURB & GUTTER, TYPE F68.5	LF	270	\$	25.00	\$	6,750.00	\$	37.22	\$	10,049.40
51	I29.02	DOWEL BAR	EA	165	\$	12.00	\$	1,980.00	\$	15.96	\$	2,633.40
52	I30.03	INSTALL #5 STEEL BAR IN CONCRETE	EA	177	\$	18.00	\$	3,186.00	\$	9.81	\$	1,736.37
53	I31.02	INSTALL #10 SMOOTH STEEL BAR IN CONCRETE	EA	25	\$	16.00	\$	400.00	\$	14.78	\$	369.50
54	I33.03	CONCRETE SIDEWALK, 6" NONREINFORCED	SF	2,120	\$	14.00	\$	29,680.00	\$	8.44	\$	17,892.80
55	I38.01	DETECTABLE WARNING PANEL	LF	40	\$	400.00	\$	16,000.00	\$	67.74	\$	2,709.60
56	J07.02	TEMPORARY FENCE	LF	125	\$	6.00	\$	750.00	\$	6.13	\$	766.25
57	K01.01	1" RIGID CONDUIT, SCHEDULE 40	LF	215	\$	4.00	\$	860.00	\$	7.97	\$	1,713.55
58	K01.01	2" RIGID CONDUIT, SCHEDULE 40	LF	80	\$	6.00	\$	480.00	\$	8.59	\$	687.20
59	K01.02	3" RIGID CONDUIT, SCHEDULE 40	LF	75	\$	12.00	\$	900.00	\$	15.22	\$	1,141.50

60	K01.03	4" RIGID CONDUIT, SCHEDULE 40	LF	40	\$	18.00	\$	720.00	\$	16.20	\$	648.00
61	K01.06	3" RIGID CONDUIT, SCHEDULE 80	LF	230	\$	27.00	\$	6,210.00	\$	45.41	\$	10,444.30
62	K01.07	4" RIGID CONDUIT, SCHEDULE 80	LF	195	\$	32.00	\$	6,240.00	\$	67.49	\$	13,160.55
63	SPECIAL	1" INNERDUCT, SDR 13.5	LF	570	\$	4.00	\$	2,280.00	\$	3.68	\$	2,097.60
64	K02.07	1/C #6 AWG COPPER WIRE	LF	1,725	\$	1.30	\$	2,242.50	\$	0.98	\$	1,690.50
65	K02.09	1/C #10 AWG COPPER WIRE	LF	195	\$	0.80	\$	156.00	\$	0.61	\$	118.95
66	K03.01	2/C #14 AWG COPPER TRAY CABLE, K2	LF	1,105	\$	1.10	\$	1,215.50	\$	1.10	\$	1,215.50
67	K03.03	4/C #14 AWG COPPER TRAY CABLE, K2	LF	2,590	\$	1.70	\$	4,403.00	\$	1.41	\$	3,651.90
68	K03.04	5/C #14 AWG COPPER TRAY CABLE, K2	LF	120	\$	2.00	\$	240.00	\$	1.59	\$	190.80
69	K03.05	7/C #14 AWG COPPER TRAY CABLE, K2	LF	85	\$	2.50	\$	212.50	\$	1.96	\$	166.60
70	K03.08	19/C #14 AWG COPPER TRAY CABLE, K2	LF	895	\$	5.00	\$	4,475.00	\$	4.05	\$	3,624.75
71	K03.09	26/C #14 AWG COPPER TRAY CABLE, K2	LF	870	\$	6.00	\$	5,220.00	\$	6.13	\$	5,333.10
72	K04.01	2/C #10 COPPER POLE AND BRACKET CABLE	LF	65	\$	2.00	\$	130.00	\$	2.33	\$	151.45
73	K04.02	#16 AWG COPPER TWIST SHIELDED PAIR	LF	1,105	\$	0.80	\$	884.00	\$	0.67	\$	740.35
74	SPECIAL	OUTDOOR RATED CAT5 CABLE	LF	990	\$	2.00	\$	1,980.00	\$	1.66	\$	1,643.40
75	SPECIAL	TYPE 3 ELECTRICAL JUNCTION BOX	EA	2	\$	950.00	\$	1,900.00	\$	1,306.94	\$	2,613.88
76	SPECIAL	TYPE 4 ELECTRICAL JUNCTION BOX	EA	3	\$	2,000.00	\$	6,000.00	\$	2,233.44	\$	6,700.32


77	K08.03	ROADWAY LUMINAIRE, 400W HPS W/ PHOTOELECTRIC CELL	EA	1	\$ 420.00	\$ 420.00	\$ 420.00	\$ 613.58	\$ 613.58
78	K10.01	SIGNAL PEDESTAL POLE	EA	1	\$ 1,500.00	\$ 1,500.00	\$ 1,834.61	\$ 1,834.61	
79	K11.01	2' DIAMETER FOOTING	LF	8	\$ 150.00	\$ 1,200.00	\$ 190.21	\$ 1,521.68	
80	K11.03	3' DIAMETER FOOTING	LF	45	\$ 320.00	\$ 14,400.00	\$ 269.97	\$ 12,148.65	
81	K14.01	3 SECTION VEHICLE SIGNAL HEAD	EA	7	\$ 1,000.00	\$ 7,000.00	\$ 1,178.08	\$ 8,246.56	
82	K14.02	5 SECTION VEHICLE SIGNAL HEAD	EA	2	\$ 1,400.00	\$ 2,800.00	\$ 1,908.25	\$ 3,816.50	
83	SPECIAL	INSTALL SIGNAL HEAD	EA	18	\$ 200.00	\$ 3,600.00	\$ 128.86	\$ 2,319.48	
84	K17.01	PEDESTRIAN SIGNAL HEAD WITH COUNTDOWN TIMER	EA	8	\$ 750.00	\$ 6,000.00	\$ 859.02	\$ 6,872.16	
85	K17.02	PEDESTRIAN PUSH BUTTON	EA	8	\$ 210.00	\$ 1,680.00	\$ 288.38	\$ 2,307.04	
86	K17.03	PEDESTRIAN CROSSING SIGN	EA	8	\$ 110.00	\$ 880.00	\$ 141.12	\$ 1,128.96	
87	K17.04	PEDESTRIAN PUSH BUTTON POLE	EA	8	\$ 500.00	\$ 4,000.00	\$ 1,135.13	\$ 9,081.04	
88	K19.02	RELOCATE SIGNAL POLE AND LUMINAIRE ARM	EA	2	\$ 5,000.00	\$ 10,000.00	\$ 2,086.18	\$ 4,172.36	
89	K19.03	INSTALL SIGNAL POLE AND LUMINAIRE ARM	EA	1	\$ 2,500.00	\$ 2,500.00	\$ 2,270.26	\$ 2,270.26	
90	K20.01	SALVAGE SIGNAL EQUIPMENT	LS	1	\$ 3,000.00	\$ 3,000.00	\$ 4,307.36	\$ 4,307.36	
91	SPECIAL	WIRELESS IN PAVEMENT TRAFFIC SENSOR	EA	20	\$ 900.00	\$ 18,000.00	\$ 1,349.88	\$ 26,997.60	
92	SPECIAL	FURNISH WIRELESS IN PAVEMENT TRAFFIC SENSOR	EA	4	\$ 500.00	\$ 2,000.00	\$ 797.66	\$ 3,190.64	
93	SPECIAL	WIRELESS ACCESS POINT	EA	3	\$ 3,700.00	\$ 11,100.00	\$ 5,460.89	\$ 16,382.67	

94	L03.01	COLD APPLIED PLASTIC PAVEMENT MARKING, 4"	LF	1,124	\$	3.00	\$	3,372.00	\$	3.68	\$	4,136.32
95	L03.05	COLD APPLIED PLASTIC PAVEMENT MARKING, 24"	LF	813	\$	19.00	\$	15,447.00	\$	12.88	\$	10,471.44
96	L03.06	COLD APPLIED PLASTIC PAVEMENT MARKING, ARROW	EA	17	\$	250.00	\$	4,250.00	\$	122.71	\$	2,086.07
97	L04.01	GROOVE FOR COLD APPLIED PLASTIC MARKING, 4"	LF	1,124	\$	1.00	\$	1,124.00	\$	0.55	\$	618.20
98	L04.05	GROOVE FOR COLD APPLIED PLASTIC MARKING, 24"	LF	813	\$	4.00	\$	3,252.00	\$	4.29	\$	3,487.77
99	L04.06	GROOVE FOR COLD APPLIED PLASTIC MARKING, ARROW	EA	17	\$	130.00	\$	2,210.00	\$	122.71	\$	2,086.07
100	L05.01	ROAD SIGN	SF	34	\$	50.00	\$	1,700.00	\$	20.99	\$	713.66
101	L05.02	SIGN POST	LF	74	\$	20.00	\$	1,480.00	\$	13.74	\$	1,016.76
102	L06.03	FLAGGING	HR	80	\$	25.00	\$	2,000.00	\$	35.00	\$	2,800.00
103	SPECIAL	TRAFFIC CONTROL SIGNS	SF	1,110	\$	10.00	\$	11,100.00	\$	6.75	\$	7,492.50
104	SPECIAL	TRAFFIC CONTROL MISCELLANEOUS	LS	1	\$	15,000.00	\$	15,000.00	\$	10,001.41	\$	10,001.41
105	SPECIAL	TYPE 3 BARRICADE, 8' DOUBLE SIDED	EA	5	\$	150.00	\$	750.00	\$	134.99	\$	674.95
106	SPECIAL	TYPE C ADVANCE WARNING ARROW BOARD	EA	3	\$	1,200.00	\$	3,600.00	\$	920.37	\$	2,761.11
107	SPECIAL	LINEAR DELINEATION SYSTEM PANEL, BARRIER MOUNTED	EA	64	\$	20.00	\$	1,280.00	\$	38.65	\$	2,473.60
108	SPECIAL	TEMPORARY FLEXIBLE VERTICAL MARKERS (TABS)	LF	6,000	\$	0.50	\$	3,000.00	\$	0.27	\$	1,620.00
109	SPECIAL	TRAFFIC CONTROL MOVABLE CONCRETE BARRIER	EA	32	\$	240.00	\$	7,680.00	\$	179.64	\$	5,748.48
110	SPECIAL	TEMPORARY CONCRETE BARRIER END-PROTECTION	EA	-	\$	12,000.00	\$	-	\$	0.00	\$	-

111	SPECIAL	TEMPORARY CONCRETE BARRIER END-PROTECTION MODULE SET OR REPAIR KIT	EA	-	\$ 3,000.00	\$ -	\$ 0.00	\$ -
112	SPECIAL	CITY FURNISHED PORTABLE CHANGEABLE MESSAGE SIGN	EA	2	\$ 1,000.00	\$ 2,000.00	\$ 674.95	\$ 1,349.90
113	SPECIAL	TEMPORARY GRAVEL ACCESS ROADS	T	250	\$ 35.00	\$ 8,750.00	\$ 40.00	\$ 10,000.00
TOTAL								
						\$ 546,000.00		\$ 520,621.05

CONSULTANT

I certify that, to the best of my knowledge, this is a true tabulation of bids received for this project.

 6/1/16
 Aaron Fagerness, PE Date
 HDR, Inc.

CITY OF RAPID CITY

Reviewed by:

 6/1/2016
 Nicole Lecy, PE Date