

BID AWARD SUMMARY

LETTING DATE: SEPTEMBER 27, 2022

PROJECT: Saint Patrick Street Reconstruction – Mt. Rushmore Road to 5th Street
Project No. 20-2582 / CIP No. 51126

RECOMMENDATION: Award Total Bid in the amount of \$5,280,947.00 to Heavy Constructors, Inc. at the October 3, 2022 Council Meeting.

BIDDERS' SUMMARY

<u>CONTRACTORS</u>	<u>TOTAL BID</u>
Heavy Constructors, Inc.	\$5,280,947.00
Mainline Contracting Inc.	\$7,068,212.15
Simon Contractors of SD, Inc.	\$7,749,174.60

City staff recommends awarding this project to Heavy Constructors, Inc. for the total bid amount of \$5,280,947.00 based on unit pricing with the following appropriation:

FUNDING SOURCE	TOTAL	CIP Streets	Wastewater Enterprise	CIP Drainage	Water Enterprise
ADVERTISING AUTHORITY	\$5,700,000.00	\$4,000,000.00	\$500,000.00	\$300,000.00	\$900,000.00
ENGINEER'S ESTIMATE	\$5,700,000.00	\$4,044,793.35	\$479,905.75	\$267,487.80	\$907,813.10

APPROPRIATION DATA:

FUNDING SOURCE	TOTAL	CIP Streets	Wastewater Enterprise	CIP Drainage	Water Enterprise
COST CENTER		8910	833	8911	933
LINE ITEM		4370	4380	4371	4381
FUNDING CENTER		505	604	505	602
BID AMOUNT	\$5,280,947.00	\$3,821,122.44	\$456,349.89	\$235,429.38	\$768,045.29

PROJECT MANAGER:



Sara Odden, PE
City of Rapid City

DATE:

9/28/2022

PROJECT NAME: SAINT PATRICK STREET RECONSTRUCTION - MT RUSHMORE ROAD TO 5TH STREET
PROJECT NUMBER: 20-2582 / CIP NO. 51126
LET DATE: SEPTEMBER 27, 2022
LOW BID AMOUNT: \$5,280,947.00

ITEM NO.	STD. BID ITEM NO.	DESCRIPTION OF ITEM	UNIT	QTY (EST)	ENGINEER'S ESTIMATE		Heavy Constructors, Inc.		Mainline Contracting Inc.		Simon Contractors of SD, Inc.	
					UNIT COST	TOTAL COST	UNIT COST	TOTAL COST	UNIT COST	TOTAL COST	UNIT COST	TOTAL COST
1		MOBILIZATION	LS	1.0	\$500,000.00	\$500,000.00	\$209,985.55	\$209,985.55	\$520,000.00	\$520,000.00	\$1,160,000.00	\$1,160,000.00
2		INCIDENTAL	LS	1.0	\$145,740.00	\$145,740.00	\$205,101.33	\$205,101.33	\$420,000.00	\$420,000.00	\$781,000.00	\$781,000.00
3		CONSTRUCTION STAKING	LS	1.0	\$50,000.00	\$50,000.00	\$55,477.10	\$55,477.10	\$65,000.00	\$65,000.00	\$50,000.00	\$50,000.00
4		REESTABLISH PROPERTY CORNERS	EA	15.0	\$250.00	\$3,750.00	\$616.41	\$9,246.15	\$240.00	\$3,600.00	\$180.00	\$2,700.00
5		CLEARING & GRUBBING, TREES	EA	26.0	\$1,500.00	\$39,000.00	\$943.45	\$24,529.70	\$800.00	\$20,800.00	\$890.00	\$23,140.00
6		CLEARING & GRUBBING, STUMP	EA	5.0	\$500.00	\$2,500.00	\$943.46	\$4,717.30	\$450.00	\$2,250.00	\$600.00	\$3,000.00
7		CLEARING & GRUBBING	LS	1.0	\$15,000.00	\$15,000.00	\$33,253.50	\$33,253.50	\$13,400.00	\$13,400.00	\$14,650.00	\$14,650.00
8		REMOVE SANITARY MANHOLE	EA	3.0	\$1,250.00	\$3,750.00	\$2,017.80	\$6,053.40	\$1,110.00	\$3,330.00	\$1,870.00	\$5,610.00
9		REMOVE STORM MANHOLE	EA	1.0	\$1,250.00	\$1,250.00	\$2,017.85	\$2,017.85	\$775.00	\$775.00	\$2,675.00	\$2,675.00
10		REMOVE CLEANOUT	EA	4.0	\$250.00	\$1,000.00	\$379.98	\$1,519.92	\$930.00	\$3,720.00	\$1,065.00	\$4,260.00
11		REMOVE & SALVAGE FIRE HYDRANT & AUX VALVE	EA	2.0	\$1,300.00	\$2,600.00	\$643.57	\$1,287.14	\$1,345.00	\$2,690.00	\$1,200.00	\$2,400.00
12		REMOVE CURB STOP AND BOX	EA	32.0	\$250.00	\$8,000.00	\$246.53	\$7,888.96	\$475.00	\$15,200.00	\$275.00	\$8,800.00
13		REMOVE GATE VALVE	EA	8.0	\$300.00	\$2,400.00	\$533.82	\$4,270.56	\$1,170.00	\$9,360.00	\$1,010.00	\$8,080.00
14		REMOVE STORM SEWER	LF	525.0	\$30.00	\$15,750.00	\$43.94	\$23,068.50	\$20.00	\$10,500.00	\$46.00	\$24,150.00
15		REMOVE TYPE "E" INLET	EA	8.0	\$1,500.00	\$12,000.00	\$939.72	\$7,517.76	\$1,555.00	\$12,440.00	\$1,390.00	\$11,120.00
16		REMOVE AC PAVEMENT	SY	658.0	\$12.00	\$7,896.00	\$15.98	\$10,514.84	\$15.00	\$9,870.00	\$28.25	\$18,588.50
17		REMOVE PCC PAVEMENT	SY	5140.0	\$15.00	\$77,100.00	\$20.74	\$106,603.60	\$18.00	\$92,520.00	\$16.50	\$84,810.00
18		REMOVE PCC DRIVEWAY & APPROACH PAVEMENT	SY	841.0	\$15.00	\$12,615.00	\$18.54	\$15,592.14	\$16.00	\$13,456.00	\$26.00	\$21,866.00
19		REMOVE CONCRETE CURB & GUTTER	LF	3026.0	\$10.00	\$30,260.00	\$3.99	\$12,073.74	\$4.50	\$13,617.00	\$13.30	\$40,245.80
20		REMOVE PCC FILLET	SY	194.0	\$25.00	\$4,850.00	\$29.85	\$5,790.90	\$16.00	\$3,104.00	\$18.60	\$3,608.40
21		REMOVE PCC SIDEWALK	SY	2044.0	\$8.00	\$16,352.00	\$3.41	\$6,970.04	\$12.50	\$25,550.00	\$14.55	\$29,740.20

22		REMOVE PCC TRENCH DRAIN & VALLEY GUTTER	SY	3.0	\$20.00	\$60.00	\$402.42	\$1,207.26	\$290.00	\$870.00	\$58.00	\$174.00
23		REMOVE RETAINING WALL	LF	615.0	\$40.00	\$24,600.00	\$25.49	\$15,676.35	\$45.00	\$27,675.00	\$84.00	\$51,660.00
24		REMOVE STAIRS	SF	154.0	\$20.00	\$3,080.00	\$54.28	\$8,359.12	\$50.00	\$7,700.00	\$25.00	\$3,850.00
25		REMOVE CHAIN LINK FENCE	LF	275.0	\$7.00	\$1,925.00	\$3.42	\$940.50	\$11.90	\$3,272.50	\$6.25	\$1,718.75
26		REMOVE WOOD FENCE	LF	134.0	\$7.00	\$938.00	\$10.51	\$1,408.34	\$14.50	\$1,943.00	\$6.25	\$837.50
27		REMOVE & RESET CHAIN LINK FENCE	LF	147.0	\$25.00	\$3,675.00	\$6.40	\$940.80	\$23.80	\$3,498.60	\$6.25	\$918.75
28		REMOVE & RESET WOOD FENCE	LF	84.0	\$20.00	\$1,680.00	\$16.77	\$1,408.68	\$29.10	\$2,444.40	\$6.25	\$525.00
29		REMOVE LIGHTING POWER LINE AND PULL BOXES	LF	1808.0	\$4.00	\$7,232.00	\$2.47	\$4,465.76	\$2.60	\$4,700.80	\$2.25	\$4,068.00
30		REMOVE LIGHT POLE	EA	5.0	\$2,000.00	\$10,000.00	\$1,849.24	\$9,246.20	\$661.00	\$3,305.00	\$1,400.00	\$7,000.00
31		REMOVE & SALVAGE SIGNAL EQUIPMENT	EA	1.0	\$3,000.00	\$3,000.00	\$2,465.64	\$2,465.64	\$2,645.00	\$2,645.00	\$2,265.00	\$2,265.00
32		REMOVE SIGNAL POLE	EA	4.0	\$3,000.00	\$12,000.00	\$2,465.66	\$9,862.64	\$1,320.00	\$5,280.00	\$2,130.00	\$8,520.00
33		REMOVE & RESET SIGN	EA	8.0	\$350.00	\$2,800.00	\$154.10	\$1,232.80	\$165.00	\$1,320.00	\$140.00	\$1,120.00
34		REMOVE & SALVAGE SIGN AND POST	EA	16.0	\$175.00	\$2,800.00	\$92.46	\$1,479.36	\$99.10	\$1,585.60	\$85.00	\$1,360.00
35		REPAIR SPRINKLER SYSTEM	EA	3.0	\$3,000.00	\$9,000.00	\$1,725.95	\$5,177.85	\$1,850.00	\$5,550.00	\$1,585.00	\$4,755.00
36		PROTECT EXISTING STRUCTURE	EA	7.0	\$10,000.00	\$70,000.00	\$3,481.23	\$24,368.61	\$1,000.00	\$7,000.00	\$5,500.00	\$38,500.00
37		PRE AND POST DEMOLITION INSPECTION	EA	7.0	\$2,500.00	\$17,500.00	\$4,518.26	\$31,627.82	\$17,350.00	\$121,450.00	\$14,900.00	\$104,300.00
38		AASHTO T-180 SOIL TEST	EA	4.0	\$300.00	\$1,200.00	\$308.21	\$1,232.84	\$395.00	\$1,580.00	\$210.00	\$840.00
39		EXCAVATION, UNCLASSIFIED	CY	2800.0	\$30.00	\$84,000.00	\$28.98	\$81,144.00	\$50.00	\$140,000.00	\$70.00	\$196,000.00
40		EXCAVATION, UNCLASSIFIED-DIGOUTS	CY	200.0	\$60.00	\$12,000.00	\$15.01	\$3,002.00	\$65.00	\$13,000.00	\$121.00	\$24,200.00
41		EXCAVATION, UNDERCUT	CY	2484.0	\$25.00	\$62,100.00	\$37.06	\$92,057.04	\$15.00	\$37,260.00	\$75.00	\$186,300.00
42		IMPORTED BACKFILL MATERIAL (GRADING)	CY	200.0	\$30.00	\$6,000.00	\$60.60	\$12,120.00	\$30.00	\$6,000.00	\$60.00	\$12,000.00
43		IMPORTED BACKFILL MATERIAL (TRENCH)	CY	200.0	\$30.00	\$6,000.00	\$43.30	\$8,660.00	\$30.00	\$6,000.00	\$60.00	\$12,000.00
44		TOPSOIL, FURNISH & PLACE	CY	425.0	\$45.00	\$19,125.00	\$64.74	\$27,514.50	\$50.00	\$21,250.00	\$43.00	\$18,275.00
45		SODDING	SY	4050.0	\$10.00	\$40,500.00	\$8.32	\$33,696.00	\$11.60	\$46,980.00	\$7.65	\$30,982.50
46		4" UNDERDRAIN LINE	LF	3194.0	\$20.00	\$63,880.00	\$34.10	\$108,915.40	\$25.00	\$79,850.00	\$24.65	\$78,732.10
47		4" UNDERDRAIN LINE CLEANOUT/VENT	EA	9.0	\$200.00	\$1,800.00	\$445.98	\$4,013.82	\$330.00	\$2,970.00	\$300.00	\$2,700.00

48		CONNECT 4" UNDERDRAIN LINE TO INLET	EA	21.0	\$250.00	\$5,250.00	\$157.29	\$3,303.09	\$230.00	\$4,830.00	\$205.00	\$4,305.00
49		CONTROLLED LOW STRENGTH BACKFILL MATERIAL (TRENCH)	CY	50.0	\$225.00	\$11,250.00	\$309.88	\$15,494.00	\$250.00	\$12,500.00	\$340.00	\$17,000.00
50		TYPE I BEDDING MATERIAL	TON	200.0	\$25.00	\$5,000.00	\$71.59	\$14,318.00	\$30.00	\$6,000.00	\$90.00	\$18,000.00
51		TYPE II FOUNDATION MATERIAL	TON	150.0	\$30.00	\$4,500.00	\$72.33	\$10,849.50	\$35.00	\$5,250.00	\$84.00	\$12,600.00
52		TYPE III FOUNDATION MATERIAL	TON	100.0	\$35.00	\$3,500.00	\$59.86	\$5,986.00	\$40.00	\$4,000.00	\$90.00	\$9,000.00
53		TYPE IV FOUNDATION MATERIAL	TON	100.0	\$40.00	\$4,000.00	\$66.45	\$6,645.00	\$45.00	\$4,500.00	\$95.00	\$9,500.00
54		8" PVC SEWER MAIN (8'-10')	LF	121.0	\$115.00	\$13,915.00	\$83.58	\$10,113.18	\$125.00	\$15,125.00	\$107.00	\$12,947.00
55		8" PVC SEWER MAIN (10'-12')	LF	438.0	\$125.00	\$54,750.00	\$89.79	\$39,328.02	\$130.00	\$56,940.00	\$116.00	\$50,808.00
56		8" PVC SEWER MAIN (12'-14')	LF	176.0	\$130.00	\$22,880.00	\$105.77	\$18,615.52	\$160.00	\$28,160.00	\$142.00	\$24,992.00
57		8" PVC SEWER MAIN (14'-16')	LF	315.0	\$135.00	\$42,525.00	\$115.32	\$36,325.80	\$175.00	\$55,125.00	\$162.00	\$51,030.00
58		SANITARY SEWER VIDEO INSPECTION	LF	1050.0	\$3.00	\$3,150.00	\$9.25	\$9,712.50	\$14.00	\$14,700.00	\$1.30	\$1,365.00
59		4" PVC SEWER SERVICE LINE	LF	977.0	\$65.00	\$63,505.00	\$20.49	\$20,018.73	\$110.00	\$107,470.00	\$131.00	\$127,987.00
60		STANDARD MANHOLE, 48"	EA	4.0	\$6,500.00	\$26,000.00	\$7,080.81	\$28,323.24	\$11,250.00	\$45,000.00	\$7,110.00	\$28,440.00
61		TERMINATION MANHOLE, 48"	EA	1.0	\$6,500.00	\$6,500.00	\$6,177.64	\$6,177.64	\$15,000.00	\$15,000.00	\$7,045.00	\$7,045.00
62		EXTRA MANHOLE DEPTH, 48"	VF	28.2	\$500.00	\$14,100.00	\$394.92	\$11,136.74	\$1,300.00	\$36,660.00	\$735.00	\$20,727.00
63		4" PVC SEWER CLEANOUT	EA	23.0	\$350.00	\$8,050.00	\$743.71	\$17,105.33	\$450.00	\$10,350.00	\$1,790.00	\$41,170.00
64		4" PVC CAP	EA	2.0	\$250.00	\$500.00	\$433.84	\$867.68	\$675.00	\$1,350.00	\$220.00	\$440.00
65		8"x8"x4" WYE	EA	25.0	\$450.00	\$11,250.00	\$649.89	\$16,247.25	\$1,385.00	\$34,625.00	\$470.00	\$11,750.00
66		RECONNECT SEWER SERVICE	EA	23.0	\$600.00	\$13,800.00	\$267.58	\$6,154.34	\$950.00	\$21,850.00	\$1,430.00	\$32,890.00
67		CONNECT TO EXISTING MANHOLE	EA	1.0	\$1,500.00	\$1,500.00	\$1,324.83	\$1,324.83	\$7,855.00	\$7,855.00	\$5,740.00	\$5,740.00
68		BYPASS PUMPING	LS	1.0	\$10,000.00	\$10,000.00	\$23,105.89	\$23,105.89	\$15,000.00	\$15,000.00	\$12,260.00	\$12,260.00
69		6" PVC WATER MAIN C-900, DR 18, RJ	LF	172.0	\$110.00	\$18,920.00	\$68.55	\$11,790.60	\$112.00	\$19,264.00	\$160.00	\$27,520.00
70		8" PVC WATER MAIN C-900, DR 18, RJ	LF	346.0	\$110.00	\$38,060.00	\$85.50	\$29,583.00	\$112.00	\$38,752.00	\$140.00	\$48,440.00
71		12" PVC WATER MAIN C-900, DR 18, RJ	LF	878.0	\$165.00	\$144,870.00	\$122.36	\$107,432.08	\$160.00	\$140,480.00	\$165.00	\$144,870.00
72		16" PVC WATER MAIN C-905, DR 18, RJ	LF	544.0	\$200.00	\$108,800.00	\$230.25	\$125,256.00	\$245.00	\$133,280.00	\$225.00	\$122,400.00
73		12" 45 DEGREE BEND	EA	2.0	\$3,000.00	\$6,000.00	\$1,525.57	\$3,051.14	\$3,525.00	\$7,050.00	\$2,385.00	\$4,770.00

74	16" 45 DEGREE BEND	EA	2.0	\$4,000.00	\$8,000.00	\$2,496.25	\$4,992.50	\$4,385.00	\$8,770.00	\$3,290.00	\$6,580.00
75	12" HIGH DEFLECTION COUPLING	EA	1.0	\$2,750.00	\$2,750.00	\$1,288.66	\$1,288.66	\$3,145.00	\$3,145.00	\$1,965.00	\$1,965.00
76	16" HIGH DEFLECTION COUPLING	EA	1.0	\$3,500.00	\$3,500.00	\$2,388.71	\$2,388.71	\$3,830.00	\$3,830.00	\$2,565.00	\$2,565.00
77	6" MJ PLUG	EA	1.0	\$600.00	\$600.00	\$313.66	\$313.66	\$1,650.00	\$1,650.00	\$835.00	\$835.00
78	8" MJ PLUG	EA	1.0	\$700.00	\$700.00	\$372.09	\$372.09	\$1,710.00	\$1,710.00	\$885.00	\$885.00
79	16"x12" REDUCER	EA	1.0	\$3,500.00	\$3,500.00	\$1,913.24	\$1,913.24	\$3,810.00	\$3,810.00	\$2,515.00	\$2,515.00
80	8"x8"x6" TEE	EA	1.0	\$2,000.00	\$2,000.00	\$1,345.93	\$1,345.93	\$2,990.00	\$2,990.00	\$1,825.00	\$1,825.00
81	12"x12"x6" TEE	EA	4.0	\$2,500.00	\$10,000.00	\$1,716.11	\$6,864.44	\$3,840.00	\$15,360.00	\$2,545.00	\$10,180.00
82	12"x12"x8" TEE	EA	2.0	\$3,000.00	\$6,000.00	\$1,816.75	\$3,633.50	\$3,960.00	\$7,920.00	\$2,640.00	\$5,280.00
83	16"x16"x6" TEE	EA	3.0	\$4,000.00	\$12,000.00	\$2,903.90	\$8,711.70	\$5,170.00	\$15,510.00	\$3,590.00	\$10,770.00
84	16"x16"x16" TEE	EA	1.0	\$4,000.00	\$4,000.00	\$3,973.97	\$3,973.97	\$5,680.00	\$5,680.00	\$3,990.00	\$3,990.00
85	6" GATE VALVE W/BOX	EA	1.0	\$1,600.00	\$1,600.00	\$2,093.69	\$2,093.69	\$3,845.00	\$3,845.00	\$2,610.00	\$2,610.00
86	8" GATE VALVE W/BOX	EA	2.0	\$2,750.00	\$5,500.00	\$2,783.63	\$5,567.26	\$4,755.00	\$9,510.00	\$3,325.00	\$6,650.00
87	12" GATE VALVE W/BOX	EA	6.0	\$4,500.00	\$27,000.00	\$4,824.72	\$28,948.32	\$8,655.00	\$51,930.00	\$5,300.00	\$31,800.00
88	16" GATE VALVE W/BOX	EA	3.0	\$8,500.00	\$25,500.00	\$11,665.80	\$34,997.40	\$17,480.00	\$52,440.00	\$12,200.00	\$36,600.00
89	FIRE HYDRANT W/AUX VALVE, BOX & LEAD	EA	7.0	\$9,000.00	\$63,000.00	\$7,557.86	\$52,905.02	\$13,490.00	\$94,430.00	\$10,500.00	\$73,500.00
90	1" COPPER SERVICE	LF	975.0	\$100.00	\$97,500.00	\$47.17	\$45,990.75	\$91.90	\$89,602.50	\$88.00	\$85,800.00
91	1.5" COPPER SERVICE	LF	6.0	\$250.00	\$1,500.00	\$109.08	\$654.48	\$461.00	\$2,766.00	\$410.00	\$2,460.00
92	1" TAPPING SADDLE	EA	31.0	\$625.00	\$19,375.00	\$381.49	\$11,826.19	\$1,710.00	\$53,010.00	\$1,050.00	\$32,550.00
93	1.5" TAPPING SADDLE & CORP STOP	EA	1.0	\$825.00	\$825.00	\$564.88	\$564.88	\$1,845.00	\$1,845.00	\$1,220.00	\$1,220.00
94	1" CURB STOP & BOX	EA	30.0	\$800.00	\$24,000.00	\$540.40	\$16,212.00	\$1,840.00	\$55,200.00	\$1,570.00	\$47,100.00
95	1.5" CURB STOP & BOX	EA	1.0	\$1,000.00	\$1,000.00	\$784.53	\$784.53	\$2,580.00	\$2,580.00	\$1,960.00	\$1,960.00
96	CONNECT TO EXISTING WATER MAIN	EA	4.0	\$3,000.00	\$12,000.00	\$1,150.19	\$4,600.76	\$8,630.00	\$34,520.00	\$6,625.00	\$26,500.00
97	TEMPORARY WATER SERVICE	EA	6.0	\$2,000.00	\$12,000.00	\$1,398.50	\$8,391.00	\$5,345.00	\$32,070.00	\$2,650.00	\$15,900.00
98	TEMPORARY WATER MAIN CONNECTION	EA	3.0	\$5,000.00	\$15,000.00	\$1,291.31	\$3,873.93	\$10,770.00	\$32,310.00	\$6,575.00	\$19,725.00
99	RECONNECT WATER SERVICE	EA	32.0	\$500.00	\$16,000.00	\$238.98	\$7,647.36	\$2,500.00	\$80,000.00	\$450.00	\$14,400.00

100		CATHODIC CONTROL TEST STATION	EA	3.0	\$625.00	\$1,875.00	\$1,232.35	\$3,697.05	\$1,315.00	\$3,945.00	\$1,300.00	\$3,900.00
101		TRACER WIRE BOX, 2 WIRE	EA	5.0	\$300.00	\$1,500.00	\$254.36	\$1,271.80	\$1,125.00	\$5,625.00	\$525.00	\$2,625.00
102		TRACER WIRE BOX, LARGE	EA	4.0	\$350.00	\$1,400.00	\$412.09	\$1,648.36	\$1,280.00	\$5,120.00	\$625.00	\$2,500.00
103		ADJUST CURB STOP	EA	1.0	\$250.00	\$250.00	\$183.48	\$183.48	\$1,440.00	\$1,440.00	\$500.00	\$500.00
104		ADJUST MONITORING WELL	EA	4.0	\$250.00	\$1,000.00	\$1,082.45	\$4,329.80	\$1,565.00	\$6,260.00	\$650.00	\$2,600.00
105		18" RCP, CLASS II	LF	676.0	\$120.00	\$81,120.00	\$68.96	\$46,616.96	\$135.00	\$91,260.00	\$120.00	\$81,120.00
106		18" RCP 45 DEGREE BEND	EA	1.0	\$1,000.00	\$1,000.00	\$2,180.82	\$2,180.82	\$3,175.00	\$3,175.00	\$2,470.00	\$2,470.00
107		STORM SEWER VIDEO INSPECTION	LF	676.0	\$3.00	\$2,028.00	\$9.25	\$6,253.00	\$15.00	\$10,140.00	\$1.50	\$1,014.00
108		STORM SEWER MANHOLE, 48"	EA	2.0	\$6,500.00	\$13,000.00	\$4,992.06	\$9,984.12	\$6,750.00	\$13,500.00	\$3,310.00	\$6,620.00
109		EXTRA STORM SEWER MANHOLE DEPTH, 48"	VF	2.7	\$350.00	\$945.00	\$1,231.88	\$3,326.08	\$1,015.00	\$2,740.50	\$270.00	\$729.00
110		TYPE B INLET, 2'x3'	EA	5.0	\$4,500.00	\$22,500.00	\$3,927.11	\$19,635.55	\$6,830.00	\$34,150.00	\$4,800.00	\$24,000.00
111		DOUBLE TYPE B INLET	EA	2.0	\$6,500.00	\$13,000.00	\$12,077.95	\$24,155.90	\$14,570.00	\$29,140.00	\$12,975.00	\$25,950.00
112		TYPE S INLET, 4'x6'	EA	1.0	\$8,500.00	\$8,500.00	\$10,655.80	\$10,655.80	\$18,250.00	\$18,250.00	\$12,780.00	\$12,780.00
113		TYPE S INLET, 4'x11'	EA	2.0	\$10,000.00	\$20,000.00	\$12,632.52	\$25,265.04	\$19,820.00	\$39,640.00	\$15,390.00	\$30,780.00
114		ROCK CONSTRUCTION ENTRANCE	EA	2.0	\$3,500.00	\$7,000.00	\$3,546.94	\$7,093.88	\$2,500.00	\$5,000.00	\$1,250.00	\$2,500.00
115		GRAVEL FILLED FILTER SOCK	LF	20.0	\$7.00	\$140.00	\$5.55	\$111.00	\$6.00	\$120.00	\$5.10	\$102.00
116		SEDIMENT CONTROL WATTLE (SCW) 12" DIAMETER	LF	570.0	\$5.00	\$2,850.00	\$5.55	\$3,163.50	\$6.00	\$3,420.00	\$5.10	\$2,907.00
117		INLET PROTECTION DEVICE, TYPE B	EA	10.0	\$200.00	\$2,000.00	\$123.28	\$1,232.80	\$132.00	\$1,320.00	\$113.00	\$1,130.00
118		INLET PROTECTION DEVICE, TYPE E	EA	10.0	\$200.00	\$2,000.00	\$123.28	\$1,232.80	\$132.00	\$1,320.00	\$113.00	\$1,130.00
119		REMOVE INLET PROTECTION DEVICE, TYPE B	EA	10.0	\$50.00	\$500.00	\$2.47	\$24.70	\$2.60	\$26.00	\$2.25	\$22.50
120		REMOVE INLET PROTECTION DEVICE, TYPE E	EA	10.0	\$50.00	\$500.00	\$2.47	\$24.70	\$2.60	\$26.00	\$2.25	\$22.50
121		SWEEPING	HR	40.0	\$150.00	\$6,000.00	\$246.57	\$9,862.80	\$150.00	\$6,000.00	\$180.00	\$7,200.00
122		AGGREGATE BASE COURSE, 3/4"	TON	172.0	\$40.00	\$6,880.00	\$58.16	\$10,003.52	\$70.90	\$12,194.80	\$87.00	\$14,964.00
123		GRAVEL CUSHION	TON	3139.0	\$40.00	\$125,560.00	\$59.06	\$185,389.34	\$51.10	\$160,402.90	\$43.00	\$134,977.00
124		GRAVEL SURFACING, PERMANENT	TON	20.0	\$40.00	\$800.00	\$115.17	\$2,303.40	\$65.90	\$1,318.00	\$106.00	\$2,120.00
125		SOIL SUPPORT FABRIC/GEOGRID	SY	7388.0	\$5.50	\$40,634.00	\$4.20	\$31,029.60	\$6.10	\$45,066.80	\$4.20	\$31,029.60

126		AC CLASSE, TYPE 1 PG64-28	TON	108.0	\$150.00	\$16,200.00	\$339.03	\$36,615.24	\$363.00	\$39,204.00	\$220.00	\$23,760.00
127		PCC PAVEMENT, 8" NONREINFORCED	SY	5634.0	\$125.00	\$704,250.00	\$124.56	\$701,771.04	\$119.00	\$670,446.00	\$102.00	\$574,668.00
128		DOWEL BAR	EA	4015.0	\$15.00	\$60,225.00	\$19.63	\$78,814.45	\$33.00	\$132,495.00	\$28.35	\$113,825.25
129		INSERT STEEL BAR	EA	160.0	\$20.00	\$3,200.00	\$59.93	\$9,588.80	\$39.70	\$6,352.00	\$34.00	\$5,440.00
130		PCC APPROACH & DRIVEWAY PAVEMENT, 8" NONREINFORCED	SY	12.0	\$160.00	\$1,920.00	\$391.86	\$4,702.32	\$226.00	\$2,712.00	\$256.00	\$3,072.00
131		PCC APPROACH PAVEMENT, 6" REINFORCED	SY	175.0	\$145.00	\$25,375.00	\$87.01	\$15,226.75	\$155.00	\$27,125.00	\$167.00	\$29,225.00
132		PCC APPROACH PAVEMENT, 6" NONREINFORCED	SY	321.0	\$140.00	\$44,940.00	\$72.65	\$23,320.65	\$143.00	\$45,903.00	\$157.00	\$50,397.00
133		PCC DRIVEWAY PAVEMENT 6", NONREINFORCED	SY	571.0	\$120.00	\$68,520.00	\$75.26	\$42,973.46	\$143.00	\$81,653.00	\$157.00	\$89,647.00
134		CONCRETE CURB & GUTTER, TYPE B68	LF	2530.0	\$40.00	\$101,200.00	\$25.90	\$65,527.00	\$40.10	\$101,453.00	\$29.50	\$74,635.00
135		CONCRETE P8 GUTTER	LF	427.0	\$50.00	\$21,350.00	\$43.68	\$18,651.36	\$34.40	\$14,688.80	\$29.50	\$12,596.50
136		CONCRETE FILLET & PAN, 8" REINFORCED	SY	304.0	\$150.00	\$45,600.00	\$126.23	\$38,373.92	\$167.00	\$50,768.00	\$143.00	\$43,472.00
137		CONCRETE SIDEWALK, 6" REINFORCED	SF	316.0	\$20.00	\$6,320.00	\$33.64	\$10,630.24	\$24.60	\$7,773.60	\$17.05	\$5,387.80
138		CONCRETE SIDEWALK, 4" NONREINFORCED	SF	15277.0	\$12.00	\$183,324.00	\$12.51	\$191,115.27	\$15.20	\$232,210.40	\$11.40	\$174,157.80
139		CONCRETE SIDEWALK, 4" COLORED NONREINFORCED	SF	5139.0	\$16.00	\$82,224.00	\$17.23	\$88,544.97	\$24.40	\$125,391.60	\$19.30	\$99,182.70
140		SIDEWALK TRENCH DRAIN W/GRATE	LF	12.0	\$500.00	\$6,000.00	\$647.19	\$7,766.28	\$832.00	\$9,984.00	\$715.00	\$8,580.00
141		DETECTABLE WARNING PANEL	SF	221.0	\$75.00	\$16,575.00	\$115.51	\$25,527.71	\$92.50	\$20,442.50	\$79.00	\$17,459.00
142		CONCRETE STAIRS W/HANDRAILS	SF	351.0	\$200.00	\$70,200.00	\$132.19	\$46,398.69	\$339.00	\$118,989.00	\$260.00	\$91,260.00
143		CONCRETE STAIRS W/HANDRAILS & TYPE "C" RETAINING WALL	SF	110.0	\$300.00	\$33,000.00	\$286.81	\$31,549.10	\$363.00	\$39,930.00	\$235.00	\$25,850.00
144		LARGE BLOCK WALL	SF	3291.0	\$180.00	\$592,380.00	\$95.68	\$314,882.88	\$123.00	\$404,793.00	\$170.00	\$559,470.00
145		TYPE "C" RETAINING WALL	LF	247.0	\$180.00	\$44,460.00	\$138.33	\$34,167.51	\$259.00	\$63,973.00	\$247.00	\$61,009.00
146		4' CHAIN LINK FENCE	LF	165.0	\$65.00	\$10,725.00	\$80.13	\$13,221.45	\$27.80	\$4,587.00	\$20.40	\$3,366.00
147		4' COLORED CHAIN LINK FENCE	LF	292.0	\$80.00	\$23,360.00	\$104.79	\$30,598.68	\$34.40	\$10,044.80	\$29.50	\$8,614.00
148		8' WOOD FENCE	LF	12.0	\$120.00	\$1,440.00	\$55.48	\$665.76	\$39.70	\$476.40	\$36.25	\$435.00
149		6' WOOD FENCE	LF	125.0	\$80.00	\$10,000.00	\$55.48	\$6,935.00	\$42.30	\$5,287.50	\$36.10	\$4,512.50
150		ROCK MULCH, 2"-3"	SY	265.0	\$10.00	\$2,650.00	\$16.03	\$4,247.95	\$17.20	\$4,558.00	\$14.70	\$3,895.50

151	COLD APPLIED PLASTIC YELLOW PAVEMENT MARKING, 4"	FT	3030.0	\$3.75	\$11,362.50	\$4.31	\$13,059.30	\$4.60	\$13,938.00	\$3.95	\$11,968.50
152	COLD APPLIED PLASTIC WHITE PAVEMENT MARKING, 4"	FT	110.0	\$9.00	\$990.00	\$4.31	\$474.10	\$4.60	\$506.00	\$3.95	\$434.50
153	COLD APPLIED PLASTIC WHITE PAVEMENT MARKING, 12"	FT	785.0	\$12.00	\$9,420.00	\$8.63	\$6,774.55	\$9.30	\$7,300.50	\$7.95	\$6,240.75
154	COLD APPLIED PLASTIC WHITE PAVEMENT MARKING, 24"	FT	570.0	\$21.00	\$11,970.00	\$17.26	\$9,838.20	\$18.50	\$10,545.00	\$15.85	\$9,034.50
155	COLD APPLIED PLASTIC PAVEMENT MARKING, ARROW	EA	15.0	\$350.00	\$5,250.00	\$277.39	\$4,160.85	\$297.00	\$4,455.00	\$255.00	\$3,825.00
156	GROOVING FOR COLD APPLIED PAVEMENT MARKING, 4"	FT	3140.0	\$1.00	\$3,140.00	\$1.54	\$4,835.60	\$1.70	\$5,338.00	\$1.45	\$4,553.00
157	GROOVING FOR COLD APPLIED PAVEMENT MARKING, 12"	FT	785.0	\$4.00	\$3,140.00	\$4.62	\$3,626.70	\$5.00	\$3,925.00	\$4.25	\$3,336.25
158	GROOVING FOR COLD APPLIED PAVEMENT MARKING, 24"	FT	570.0	\$6.00	\$3,420.00	\$9.25	\$5,272.50	\$9.90	\$5,643.00	\$8.50	\$4,845.00
159	GROOVING FOR COLD APPLIED PAVEMENT MARKING, ARROW	EA	15.0	\$150.00	\$2,250.00	\$277.39	\$4,160.85	\$297.00	\$4,455.00	\$255.00	\$3,825.00
160	2" RIGID CONDUIT, SCHEDULE 40	LF	2650.0	\$20.00	\$53,000.00	\$12.94	\$34,291.00	\$14.00	\$37,100.00	\$11.90	\$31,535.00
161	4" RIGID CONDUIT, SCHEDULE 40	LF	200.0	\$35.00	\$7,000.00	\$28.60	\$5,720.00	\$33.00	\$6,600.00	\$26.25	\$5,250.00
162	2" RIGID CONDUIT, SCHEDULE 80	LF	875.0	\$25.00	\$21,875.00	\$19.11	\$16,721.25	\$24.20	\$21,175.00	\$17.55	\$15,356.25
163	3" RIGID CONDUIT, SCHEDULE 80	LF	225.0	\$30.00	\$6,750.00	\$58.07	\$13,065.75	\$62.20	\$13,995.00	\$53.00	\$11,925.00
164	4" RIGID CONDUIT, SCHEDULE 80	LF	70.0	\$50.00	\$3,500.00	\$76.44	\$5,350.80	\$81.90	\$5,733.00	\$70.00	\$4,900.00
165	1/C #4 AWG COPPER WIRE	LF	2380.0	\$2.50	\$5,950.00	\$3.40	\$8,092.00	\$3.60	\$8,568.00	\$3.15	\$7,497.00
166	1/C #6 AWG COPPER WIRE	LF	7365.0	\$3.00	\$22,095.00	\$2.47	\$18,191.55	\$2.50	\$18,412.50	\$2.25	\$16,571.25
167	1/C #10 AWG COPPER WIRE	LF	4580.0	\$3.25	\$14,885.00	\$1.23	\$5,633.40	\$2.00	\$9,160.00	\$1.15	\$5,267.00
168	2/C #14 AWG COPPER TRAY CABLE, K2	LF	2430.0	\$4.00	\$9,720.00	\$1.97	\$4,787.10	\$2.10	\$5,103.00	\$1.80	\$4,374.00
169	3/C #14 AWG COPPER TRAY CABLE, K2	LF	140.0	\$8.00	\$1,120.00	\$2.34	\$327.60	\$2.50	\$350.00	\$2.15	\$301.00
170	4/C #14 AWG COPPER TRAY CABLE, K2	LF	415.0	\$8.00	\$3,320.00	\$2.59	\$1,074.85	\$2.80	\$1,162.00	\$2.40	\$996.00
171	5/C #14 AWG COPPER TRAY CABLE, K2	LF	300.0	\$8.00	\$2,400.00	\$2.96	\$888.00	\$3.20	\$960.00	\$2.70	\$810.00
172	30/C #14 AWG COPPER TRAY CABLE, K2	LF	710.0	\$12.00	\$8,520.00	\$15.16	\$10,763.60	\$16.30	\$11,573.00	\$13.95	\$9,904.50
173	POLE AND BRACKET CABLE	LF	516.0	\$2.00	\$1,032.00	\$3.51	\$1,811.16	\$3.80	\$1,960.80	\$3.25	\$1,677.00
174	TWISTED SHIELDED PAIR	LF	885.0	\$2.00	\$1,770.00	\$1.23	\$1,088.55	\$1.30	\$1,150.50	\$1.15	\$1,017.75
175	FIBER	LF	1655.0	\$3.00	\$4,965.00	\$1.85	\$3,061.75	\$2.10	\$3,475.50	\$1.70	\$2,813.50

176	VIDEO CABLE	LF	315.0	\$4.00	\$1,260.00	\$5.55	\$1,748.25	\$6.00	\$1,890.00	\$5.10	\$1,606.50
177	TYPE 1 ELECTRICAL JUNCTION BOX	EA	20.0	\$1,000.00	\$20,000.00	\$2,009.50	\$40,190.00	\$2,265.00	\$45,300.00	\$1,850.00	\$37,000.00
178	TYPE 3 ELECTRICAL JUNCTION BOX	EA	6.0	\$2,000.00	\$12,000.00	\$2,712.22	\$16,273.32	\$2,905.00	\$17,430.00	\$2,490.00	\$14,940.00
179	TYPE 3A ELECTRICAL JUNCTION BOX	EA	1.0	\$2,500.00	\$2,500.00	\$3,741.63	\$3,741.63	\$4,010.00	\$4,010.00	\$3,435.00	\$3,435.00
180	SIGNAL POLE W/40' MAST ARM & 8' LUMINAIRE ARM W/LUMINAIRE 105w WITH P.E.	EA	3.0	\$18,000.00	\$54,000.00	\$40,948.27	\$122,844.81	\$43,890.00	\$131,670.00	\$37,600.00	\$112,800.00
181	SIGNAL POLE W/35' MAST ARM	EA	1.0	\$14,500.00	\$14,500.00	\$34,741.01	\$34,741.01	\$37,240.00	\$37,240.00	\$31,900.00	\$31,900.00
182	LUMINAIRE POLE & LUMINAIRE, LED WITH PHOTOMETRIC CELL	EA	7.0	\$1,200.00	\$8,400.00	\$7,421.61	\$51,951.27	\$7,955.00	\$55,685.00	\$6,815.00	\$47,705.00
183	2' DIAMETER FOOTING	VF	63.0	\$250.00	\$15,750.00	\$277.39	\$17,475.57	\$297.00	\$18,711.00	\$255.00	\$16,065.00
184	2.5' DIAMETER FOOTING	VF	60.0	\$300.00	\$18,000.00	\$314.37	\$18,862.20	\$337.00	\$20,220.00	\$288.00	\$17,280.00
185	TRAFFIC SIGNAL CONTROLER	EA	1.0	\$31,000.00	\$31,000.00	\$38,957.26	\$38,957.26	\$41,760.00	\$41,760.00	\$35,785.00	\$35,785.00
186	ELECTRICAL SERVICE CABINET	EA	2.0	\$2,525.00	\$5,050.00	\$4,099.14	\$8,198.28	\$4,395.00	\$8,790.00	\$3,765.00	\$7,530.00
187	SECONDARY DISCONNECT	EA	2.0	\$2,000.00	\$4,000.00	\$1,947.87	\$3,895.74	\$2,090.00	\$4,180.00	\$1,790.00	\$3,580.00
188	3 SECTION VEHICLE SIGNAL HEAD	EA	12.0	\$1,200.00	\$14,400.00	\$1,547.19	\$18,566.28	\$1,660.00	\$19,920.00	\$1,420.00	\$17,040.00
189	4 SECTION DIRECTIONAL VEHICLE SIGNAL HEAD	EA	8.0	\$1,600.00	\$12,800.00	\$1,929.37	\$15,434.96	\$2,070.00	\$16,560.00	\$1,775.00	\$14,200.00
190	SIREN EMERGENCY VEHICLE PREEMPTION UNIT	EA	1.0	\$14,000.00	\$14,000.00	\$14,442.55	\$14,442.55	\$15,480.00	\$15,480.00	\$13,265.00	\$13,265.00
191	ACCESSIBLE PEDESTRIAN SIGNAL	EA	8.0	\$4,000.00	\$32,000.00	\$2,194.43	\$17,555.44	\$2,350.00	\$18,800.00	\$2,015.00	\$16,120.00
192	PEDESTRIAN PUSH BUTTON POLE	EA	8.0	\$1,200.00	\$9,600.00	\$1,257.48	\$10,059.84	\$1,350.00	\$10,800.00	\$1,155.00	\$9,240.00
193	PEDESTRIAN SIGNAL HEAD W/COUNTDOWN TIMER	EA	8.0	\$1,000.00	\$8,000.00	\$850.65	\$6,805.20	\$912.00	\$7,296.00	\$780.00	\$6,240.00
194	SONEM DETECTOR	EA	4.0	\$1,000.00	\$4,000.00	\$3,303.97	\$13,215.88	\$3,540.00	\$14,160.00	\$3,035.00	\$12,140.00
195	GRIDSMART DETECTION SYSTEM	EA	1.0	\$30,000.00	\$30,000.00	\$50,545.82	\$50,545.82	\$54,180.00	\$54,180.00	\$46,425.00	\$46,425.00
196	PEDESTRIAN CROSSING SIGN R10-3E	EA	8.0	\$200.00	\$1,600.00	\$102.33	\$818.64	\$110.00	\$880.00	\$94.00	\$752.00
197	SIGNS	EA	17.0	\$350.00	\$5,950.00	\$369.85	\$6,287.45	\$396.00	\$6,732.00	\$340.00	\$5,780.00
198	LITTLE LEAF LINDEN - MINIMUM 2" CALIPER	EA	4.0	\$1,000.00	\$4,000.00	\$1,103.38	\$4,413.52	\$1,185.00	\$4,740.00	\$1,015.00	\$4,060.00
199	TEMPORARY GRAVEL SURFACING	TON	200.0	\$55.00	\$11,000.00	\$59.04	\$11,808.00	\$50.00	\$10,000.00	\$116.00	\$23,200.00
200	TEMPORARY ASPHALT SURFACING	TON	200.0	\$180.00	\$36,000.00	\$339.03	\$67,806.00	\$363.00	\$72,600.00	\$316.00	\$63,200.00

201		FLAGGING	HR	40.0	\$55.00	\$2,200.00	\$36.25	\$1,450.00	\$51.00	\$2,040.00	\$47.55	\$1,902.00	
202		SHORT TERM TEMPORARY TRAFFIC CONTROL SIGNALS	LS	1.0	\$30,000.00	\$30,000.00	\$48,388.37	\$48,388.37	\$51,860.00	\$51,860.00	\$44,450.00	\$44,450.00	
203		TRAFFIC CONTROL MOVABLE CONCRETE BARRIER	EA	30.0	\$500.00	\$15,000.00	\$2,404.01	\$72,120.30	\$2,575.00	\$77,250.00	\$2,210.00	\$66,300.00	
204		TRAFFIC CONTROL MOVABLE CONCRETE BARRIER CRASHWORTHY END TREATMENT	EA	2.0	\$2,500.00	\$5,000.00	\$2,773.86	\$5,547.72	\$2,975.00	\$5,950.00	\$2,550.00	\$5,100.00	
205		TRAFFIC CONTROL, MISCELLANEOUS	LS	1.0	\$20,000.00	\$20,000.00	\$19,108.78	\$19,108.78	\$20,480.00	\$20,480.00	\$17,550.00	\$17,550.00	
206		ARROW PANEL	EA	3.0	\$1,500.00	\$4,500.00	\$616.41	\$1,849.23	\$661.00	\$1,983.00	\$565.00	\$1,695.00	
207		TRAFFIC CONTROL SIGNS	SF	926.5	\$5.00	\$4,632.50	\$7.40	\$6,856.10	\$7.90	\$7,319.35	\$6.80	\$6,300.20	
208		TYPE III BARRICADE	EA	20.0	\$248.00	\$4,960.00	\$154.10	\$3,082.00	\$297.00	\$5,940.00	\$142.00	\$2,840.00	
209		FURNISH 1" CORPORATION STOP	EA	31.0	\$500.00	\$15,500.00	\$98.46	\$3,052.26	\$175.00	\$5,425.00	\$110.00	\$3,410.00	
210		MISCELLANEOUS, ELECTRICAL	LS	1.0	\$35,000.00	\$35,000.00	\$2,465.65	\$2,465.65	\$2,645.00	\$2,645.00	\$2,265.00	\$2,265.00	
TOTAL							\$5,700,000.00		\$5,280,947.00		\$7,068,212.15		\$7,749,174.60

CONSULTANT

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

 09/28/2022
 Dana Foreman, PE Date
 KLJ Engineering.

CITY OF RAPID CITY

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

 9/28/2022
 Sara Odden, PE Date
 Project Manager