

# BID AWARD SUMMARY

LETTING DATE: JANUARY 31, 2023

**PROJECT:** Water and Sewer Improvements Block 13 Boulevard Addition  
Project No. 22-2699 / CIP No. 50927.1

**RECOMMENDATION:** Award Total Bid in the amount of \$1,277,372.00 to  
Underground Construction, LLC at the February 6, 2023 Council Meeting.

## BIDDERS' SUMMARY

<u>CONTRACTORS</u>	<u>TOTAL BID</u>
Underground Construction, LLC	\$1,277,372.00
RCS Construction, Inc.	\$1,363,449.27

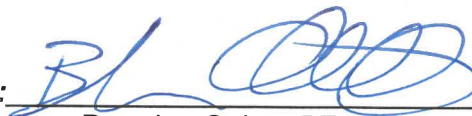
City staff recommends awarding this project to Underground Construction, LLC for the total bid amount of \$1,277,372.00 based on unit pricing with the following appropriation:

FUNDING SOURCE	TOTAL	Water	Sewer	CIP
ADVERTISING AUTHORITY	\$875,000.00	\$335,000.00	\$300,000	\$240,000
ENGINEER'S ESTIMATE	\$1,152,000.00			

## APPROPRIATION DATA:

FUNDING SOURCE	TOTAL	Water	Sewer	CIP
COST CENTER		933	833	8910
LINE ITEM		4381	4380	4370
FUNDING CENTER		602	604	505
BID AMOUNT	\$1,277,372.00	\$477,003.94	\$395,477.10	\$404,890.96

PROJECT MANAGER:



Brandon Quiett, PE  
City of Rapid City

DATE:

2/1/2023

**PROJECT NAME: WATER AND SEWER IMPROVEMENTS BLOCK 13 BOULEVARD  
ADDITION  
PROJECT NO: 22-2699 / CIP NO. 50927.1  
LET DATE: JANUARY 31, 2023  
LOW BID AMOUNT: \$1,277,372.00**

ITEM NO.	DESCRIPTION OF ITEM	UNIT	QTY (EST)	ENGINEER'S ESTIMATE		UNDERGROUND CONSTRUCTION		RCS	
				UNIT COST	TOTAL COST	UNIT COST	TOTAL COST	UNIT COST	TOTAL COST
1	MOBILIZATION	LS	1	\$100,000.00	\$100,000.00	\$125,000.00	\$125,000.00	\$126,678.60	\$126,678.60
2	INCIDENTAL WORK	LS	1	\$75,216.00	\$75,216.00	\$82,000.00	\$82,000.00	\$45,892.15	\$45,892.15
3	CONSTRUCTION STAKING	LS	1	\$8,000.00	\$8,000.00	\$8,200.00	\$8,200.00	\$12,096.86	\$12,096.86
4	RE-ESTABLISH PROPERTY CORNERS	EA	2	\$225.00	\$450.00	\$250.00	\$500.00	\$241.94	\$483.88
5	CLEAR & GRUB TREE	EA	4	\$1,200.00	\$4,800.00	\$1,000.00	\$4,000.00	\$353.71	\$1,414.84
6	CLEAR & GRUB STUMP	EA	1	\$750.00	\$750.00	\$500.00	\$500.00	\$424.45	\$424.45
7	CLEARING & GRUBBING	LS	1	\$5,000.00	\$5,000.00	\$2,500.00	\$2,500.00	\$1,061.13	\$1,061.13
8	REMOVE, SALVAGE, & TRANSPLANT BUSH	EA	1	\$1,200.00	\$1,200.00	\$1,000.00	\$1,000.00	\$311.26	\$311.26
9	REMOVE MANHOLE	EA	2	\$1,000.00	\$2,000.00	\$800.00	\$1,600.00	\$1,004.62	\$2,009.24
10	REMOVE & SALVAGE FIRE HYDRANT & AUX VALVE	EA	1	\$1,000.00	\$1,000.00	\$1,000.00	\$1,000.00	\$665.24	\$665.24
11	REMOVE AC PAVEMENT	SY	2096	\$12.00	\$25,152.00	\$17.00	\$35,632.00	\$6.92	\$14,504.32
12	REMOVE PCC DRIVEWAY & APPROACH PAVEMENT	SY	83	\$18.00	\$1,494.00	\$22.00	\$1,826.00	\$6.92	\$574.36
13	REMOVE CONCRETE CURB & GUTTER	LF	355	\$8.00	\$2,840.00	\$10.00	\$3,550.00	\$10.48	\$3,720.40
14	REMOVE CONCRETE SIDEWALK	SF	1106	\$5.00	\$5,530.00	\$10.00	\$11,060.00	\$2.12	\$2,344.72
15	REMOVE RETAINING WALL	LF	30	\$100.00	\$3,000.00	\$50.00	\$1,500.00	\$19.81	\$594.30
16	REMOVE & RESET BLOCK WALL	LF	35	\$100.00	\$3,500.00	\$80.00	\$2,800.00	\$28.29	\$990.15
17	REMOVE & REPLACE WALL (MATCH EXISTING)	LF	12	\$300.00	\$3,600.00	\$100.00	\$1,200.00	\$59.07	\$708.84
18	REMOVE & RESET FENCE	LF	20	\$100.00	\$2,000.00	\$100.00	\$2,000.00	\$56.59	\$1,131.80
19	AASHTO T-180 SOIL TEST	EA	2	\$325.00	\$650.00	\$300.00	\$600.00	\$273.06	\$546.12
20	EXCAVATION, UNCLASSIFIED	CY	1193	\$25.00	\$29,825.00	\$28.00	\$33,404.00	\$12.92	\$15,413.56
21	EXCAVATION, UNCLASSIFIED DIGOUTS	CY	25	\$65.00	\$1,625.00	\$65.00	\$1,625.00	\$27.35	\$683.75
22	EXCAVATION, ROCK (TRENCH)	CY	25	\$100.00	\$2,500.00	\$150.00	\$3,750.00	\$232.95	\$5,823.75
23	EXCAVATION, UNDERCUT	CY	662	\$18.00	\$12,276.00	\$22.00	\$15,004.00	\$12.82	\$8,743.24
24	CRUSHED ROCK	T	50	\$55.00	\$2,750.00	\$60.00	\$3,000.00	\$33.08	\$1,654.00
25	FURNISH & PLACE TOPSOIL	CY	96	\$60.00	\$5,760.00	\$65.00	\$6,240.00	\$56.59	\$5,432.64

26	SODDING	SY	870		\$14.00	\$12,180.00	\$15.00	\$13,050.00	\$10.19	\$8,865.30
27	CONTROLLED LOW STRENGTH MATERIAL	CY	15		\$250.00	\$3,750.00	\$275.00	\$4,125.00	\$217.81	\$3,267.15
28	TYPE 1 BEDDING MATERIAL	T	25		\$38.00	\$950.00	\$35.00	\$875.00	\$33.08	\$827.00
29	TYPE 3 FOUNDATION MATERIAL	T	25		\$38.00	\$950.00	\$40.00	\$1,000.00	\$47.90	\$1,197.50
30	TYPE 4 FOUNDATION MATERIAL	T	25		\$38.00	\$950.00	\$42.00	\$1,050.00	\$47.90	\$1,197.50
31	8" PVC SEWER MAIN, (0'-6')	LF	6		\$110.00	\$660.00	\$130.00	\$780.00	\$261.44	\$1,568.64
32	8" PVC SEWER MAIN, (6'-8')	LF	23		\$110.00	\$2,530.00	\$135.00	\$3,105.00	\$261.44	\$6,013.12
33	8" PVC SEWER MAIN, (8'-10')	LF	122		\$110.00	\$13,420.00	\$140.00	\$17,080.00	\$261.44	\$31,895.68
34	8" PVC SEWER MAIN, (10'-12')	LF	608		\$150.00	\$91,200.00	\$185.00	\$112,480.00	\$261.44	\$158,955.52
35	8" PVC SEWER MAIN, (12'-14')	LF	78		\$165.00	\$12,870.00	\$190.00	\$14,820.00	\$299.65	\$23,372.70
36	VIDEO INSPECTION, SANITARY SEWER	LF	837		\$6.00	\$5,022.00	\$5.00	\$4,185.00	\$3.39	\$2,837.43
37	4" PVC SEWER SERVICE LINE	LF	274		\$80.00	\$21,920.00	\$105.00	\$28,770.00	\$195.24	\$53,495.76
38	8"X8"X4" WYE	EA	6		\$500.00	\$3,000.00	\$800.00	\$4,800.00	\$789.51	\$4,737.06
39	DROP MANHOLE, 48"	EA	3		\$7,500.00	\$22,500.00	\$10,200.00	\$30,600.00	\$7,531.69	\$22,595.07
40	INSTALL MANHOLE 20	EA	1		\$3,500.00	\$3,500.00	\$8,000.00	\$8,000.00	\$3,904.84	\$3,904.84
41	INSTALL MANHOLE 21	EA	1		\$3,500.00	\$3,500.00	\$8,000.00	\$8,000.00	\$3,904.84	\$3,904.84
42	INSTALL MANHOLE 31	EA	1		\$3,500.00	\$3,500.00	\$6,000.00	\$6,000.00	\$3,904.84	\$3,904.84
43	EXTRA MANHOLE DEPTH, 48"	VF	17.1		\$650.00	\$11,115.00	\$550.00	\$9,405.00	\$481.46	\$8,232.97
44	4" PVC SEWER CLEANOUT	EA	13		\$800.00	\$10,400.00	\$450.00	\$5,850.00	\$359.78	\$4,677.14
45	CONNECT TO EXISTING SEWER MAIN	EA	4		\$3,000.00	\$12,000.00	\$2,000.00	\$8,000.00	\$1,924.48	\$7,697.92
46	RECONNECT SEWER SERVICE	EA	13		\$500.00	\$6,500.00	\$800.00	\$10,400.00	\$470.92	\$6,121.96
47	BYPASS PUMPING	LS	1		\$5,000.00	\$5,000.00	\$7,000.00	\$7,000.00	\$9,167.18	\$9,167.18
48	6" RJ PVC WATER MAIN C-900, DR 18	LF	11		\$110.00	\$1,210.00	\$150.00	\$1,650.00	\$221.88	\$2,440.68
49	8" RJ PVC WATER MAIN C-900, DR 18	LF	988		\$125.00	\$123,500.00	\$125.00	\$123,500.00	\$239.95	\$237,070.60
50	10" RJ PVC WATER MAIN C-900, DR 18	LF	14		\$160.00	\$2,240.00	\$160.00	\$2,240.00	\$265.21	\$3,712.94
51	8" 45 DEGREE BEND	EA	10		\$1,200.00	\$12,000.00	\$1,850.00	\$18,500.00	\$799.88	\$7,998.80
52	10" X 8" CROSS	EA	1		\$3,500.00	\$3,500.00	\$2,850.00	\$2,850.00	\$1,789.75	\$1,789.75
53	8" X 8" X 6" TEE	EA	1		\$1,600.00	\$1,600.00	\$2,000.00	\$2,000.00	\$1,034.01	\$1,034.01
54	8" X 8" X 8" TEE	EA	2		\$1,800.00	\$3,600.00	\$2,100.00	\$4,200.00	\$1,145.15	\$2,290.30
55	8" GATE VALVE W/ BOX	EA	5		\$3,500.00	\$17,500.00	\$4,000.00	\$20,000.00	\$3,415.61	\$17,078.05
56	FIRE HYDRANT W/AUX VALVE & BOX	EA	1		\$10,000.00	\$10,000.00	\$11,000.00	\$11,000.00	\$9,260.82	\$9,260.82

57	1" COPPER SERVICE	LF	512	\$80.00	\$40,960.00	\$92.00	\$47,104.00	\$153.99	\$79,842.88
58	1" COPPER SERVICE TRENCHLESS	LF	110	\$100.00	\$11,000.00	\$135.00	\$14,850.00	\$216.95	\$23,864.50
59	1" TAPPING SADDLE	EA	18	\$500.00	\$9,000.00	\$350.00	\$6,300.00	\$463.51	\$8,343.18
60	1" CURB STOP & BOX	EA	18	\$900.00	\$16,200.00	\$750.00	\$13,500.00	\$530.19	\$9,543.42
61	FURNISH 1" CORPORATION STOP	EA	18	\$350.00	\$6,300.00	\$150.00	\$2,700.00	\$174.18	\$3,135.24
62	CONNECT TO EXISTING WATER MAIN	EA	6	\$6,500.00	\$39,000.00	\$5,000.00	\$30,000.00	\$1,924.48	\$11,546.88
63	RECONNECT WATER SERVICE	EA	18	\$400.00	\$7,200.00	\$450.00	\$8,100.00	\$545.01	\$9,810.18
64	FLUSH MOUNTED TEST STATION	EA	2	\$650.00	\$1,300.00	\$650.00	\$1,300.00	\$845.24	\$1,690.48
65	TRACER WIRE ACCESS BOX - LARGE	EA	3	\$500.00	\$1,500.00	\$400.00	\$1,200.00	\$886.06	\$2,658.18
66	TRACER WIRE ACCESS BOX - 2-WIRE	EA	1	\$400.00	\$400.00	\$450.00	\$450.00	\$808.20	\$808.20
67	TEMPORARY WATER SERVICE, BLOCK 13 ALLEY	LS	1	\$7,500.00	\$7,500.00	\$2,000.00	\$2,000.00	\$21,490.13	\$21,490.13
68	BOLLARD	EA	2	\$300.00	\$1,000.00	\$1,000.00	\$2,000.00	\$1,495.38	\$2,990.76
69	VEHICLE TRACKING CONTROL	EA	2	\$1,750.00	\$3,500.00	\$1,200.00	\$2,400.00	\$2,048.81	\$4,097.62
70	SEDIMENT CONTROL, WATTLE	LF	384	\$6.00	\$2,304.00	\$6.00	\$2,304.00	\$7.08	\$2,718.72
71	INLET PROTECTION DEVICE	EA	7	\$200.00	\$1,400.00	\$250.00	\$1,750.00	\$201.19	\$1,408.33
72	GRAVEL FILTER SOCK	EA	36	\$25.00	\$900.00	\$40.00	\$1,440.00	\$148.56	\$5,348.16
73	SWEEPING	HR	10	\$50.00	\$500.00	\$180.00	\$1,800.00	\$189.37	\$1,893.70
74	1" ROCK MULCH	SY	5	\$225.00	\$1,125.00	\$105.00	\$525.00	\$94.89	\$424.45
75	AGGREGATE BASE COURSE	T	1431	\$48.00	\$68,688.00	\$48.00	\$68,688.00	\$50.78	\$72,666.18
76	TEMPORARY GRAVEL SURFACING	T	100	\$40.00	\$4,000.00	\$48.00	\$4,800.00	\$47.09	\$4,709.00
77	WOVEN GEOTEXTILE SUBGRADE REINFORCEMENT	SY	500	\$8.00	\$4,000.00	\$7.00	\$3,500.00	\$6.23	\$3,115.00
78	GEOGRID SUBGRADE REINFORCEMENT	SY	500	\$8.00	\$4,000.00	\$6.50	\$3,250.00	\$6.23	\$3,115.00
79	AC, CLASS E, TYPE 1	T	280	\$170.00	\$47,600.00	\$155.00	\$43,400.00	\$171.90	\$48,132.00
80	AC, CLASS E, TYPE 1, 1.5% RAP	T	280	\$160.00	\$44,800.00	\$145.00	\$40,600.00	\$162.71	\$45,558.80
81	PCC APPROACH & DRIVEWAY PAVEMENT, 6" NONREINFORCED	SY	109	\$150.00	\$16,350.00	\$180.00	\$19,620.00	\$127.86	\$13,936.74
82	PCC APPROACH & DRIVEWAY PAVEMENT, 6" REINFORCED	SY	110	\$150.00	\$16,500.00	\$192.00	\$21,120.00	\$135.26	\$14,878.60
83	CONCRETE CURB & GUTTER, TYPE B66	LF	174	\$40.00	\$6,960.00	\$95.00	\$16,530.00	\$49.41	\$8,597.34
84	CONCRETE P6 GUTTER	LF	85	\$40.00	\$3,400.00	\$95.00	\$8,075.00	\$49.41	\$4,199.85
85	CONCRETE FILLET & PAN, 6" REINFORCED	SY	80	\$130.00	\$10,400.00	\$192.00	\$15,360.00	\$135.26	\$10,820.80
86	CONCRETE SIDEWALK, 4" NONREINFORCED	SF	1,181	\$10.00	\$11,810.00	\$15.00	\$17,715.00	\$11.30	\$13,345.30
87	DETECTABLE WARNING PANEL	SF	50	\$120.00	\$6,000.00	\$95.00	\$4,750.00	\$88.96	\$4,448.00

88	REPAIR SPRINKLER SYSTEM	EA	3	\$2,500.00	\$7,500.00	\$2,500.00	\$7,500.00	\$848.91	\$2,546.73
89	DECIDUOUS TREE - MINIMUM 1.5" CALIBER	EA	5	\$1,100.00	\$5,500.00	\$1,000.00	\$5,000.00	\$707.41	\$3,537.05
90	TRAFFIC CONTROL	UNTS	1948	\$3.50	\$6,818.00	\$1.25	\$2,436.00	\$2.83	\$5,512.84
91	FLAGGER	HR	160	\$35.00	\$5,600.00	\$75.00	\$12,000.00	\$35.92	\$5,747.20
92	TRAFFIC CONTROL, MISCELLANEOUS	LS	1	\$7,500.00	\$7,500.00	\$8,500.00	\$8,500.00	\$2,971.16	\$2,971.16
<b>TOTAL</b>					\$1,152,000.00		\$1,277,372.00		\$1,363,449.27

**CONSULTANT**

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

*Kevin Lowe* 2/1/23  
 Kevin Lowe, PE  
 Date  
 Ferber Engineering Company, Inc.

CITY OF RAPID CITY  
 Reviewed by:

*Brandon Quietl* 2/1/23  
 Brandon Quietl, PE  
 Date  
 Project Manager