

# BID AWARD SUMMARY

LETTING DATE: AUGUST 9, 2022

**PROJECT:** Spring Brook Acres Water Main & PRV Abandonment  
Project No. 21-2643 / CIP No. 51262

**RECOMMENDATION:** Award Total Bid in the amount of \$2,179,210.01 to Heavy Constructors, Inc. at the August 15, 2022 Council Meeting.

## BIDDERS' SUMMARY

<u>CONTRACTORS</u>	<u>TOTAL BID</u>
Heavy Constructors, Inc.	\$2,179,210.01
Underground Construction, LLC	\$2,888,420.90
Mainline Contracting Inc.	\$3,046,162.30
Simon Contractors of SD, Inc.	\$3,195,696.12

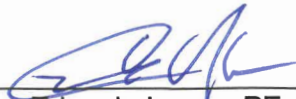
City staff recommends awarding this project to Heavy Constructors, Inc. for the total bid amount of \$2,179,210.01 based on unit pricing with the following appropriation:

FUNDING SOURCE	TOTAL	Water Replacement / Improvement
ADVERTISING AUTHORITY	\$2,210,000.00	\$2,210,000.00
ENGINEER'S ESTIMATE	\$2,352,967.00	\$2,352,967.00

## APPROPRIATION DATA:

FUNDING SOURCE	TOTAL	Water Replacement / Improvement
COST CENTER		933
LINE ITEM		4381
FUNDING CENTER		602
BID AMOUNT	\$2,179,210.01	\$2,179,210.01

PROJECT MANAGER:

  
Eduardo Lopez, PE  
City of Rapid City

DATE:

8/10/2022

**PROJECT NAME: SPRING BROOK ACRES WATER MAIN & PRV ABANDONMENT**  
**PROJECT NUMBER: 21-2643 / CIP NO. 51262**  
**LET DATE: Tuesday, August 9, 2022**  
**LOW BID AMOUNT: \$2,179,210.01**

ITEM NO.	STD. BID ITEM NO.	DESCRIPTION OF ITEM	UNIT	QTY (EST)	ENGINEER'S ESTIMATE		HEAVY CONSTRUCTORS, INC.		UNDERGROUND CONSTRUCTION, LLC		MAINLINE CONTRACTING INC.		SIMON CONTRACTORS OF SD, INC.	
					UNIT COST	TOTAL COST	UNIT COST	TOTAL COST	UNIT COST	TOTAL COST	UNIT COST	TOTAL COST	UNIT COST	TOTAL COST
1		MOBILIZATION	LS	1.00	\$214,411.70	\$214,411.70	\$205,525.58	\$205,525.58	\$280,000.00	\$280,000.00	\$275,000.00	\$275,000.00	\$150,000.00	\$150,000.00
2		INCIDENTAL WORK	LS	1.00	\$125,000.00	\$125,000.00	\$105,756.47	\$105,756.47	\$225,000.00	\$225,000.00	\$300,000.00	\$300,000.00	\$350,000.00	\$350,000.00
3		CONSTRUCTION STAKING	LS	1.00	\$40,000.00	\$40,000.00	\$30,901.31	\$30,901.31	\$31,250.00	\$31,250.00	\$30,000.00	\$30,000.00	\$10,000.00	\$10,000.00
4		REESTABLISH PROPERTY CORNERS	EA	3.00	\$350.00	\$1,050.00	\$361.61	\$1,084.83	\$450.00	\$1,350.00	\$350.00	\$1,050.00	\$270.00	\$810.00
5		AC WATER MAIN ABANDONMENT SURVEY	LS	1.00	\$25,000.00	\$25,000.00	\$5,259.79	\$5,259.79	\$12,000.00	\$12,000.00	\$20,000.00	\$20,000.00	\$1,800.00	\$1,800.00
6		REMOVE & REPLACE 12" CMP CULVERT	LF	52.00	\$175.00	\$9,100.00	\$76.02	\$3,953.04	\$115.00	\$5,980.00	\$130.00	\$6,760.00	\$155.00	\$8,060.00
7		REMOVE AC PAVEMENT	SY	7429.90	\$12.00	\$89,158.80	\$4.38	\$32,542.96	\$15.00	\$111,448.50	\$16.00	\$118,878.40	\$30.00	\$222,897.00
8		REMOVE PCC SIDEWALK	SF	194.00	\$6.00	\$1,164.00	\$3.36	\$651.84	\$46.00	\$8,924.00	\$6.00	\$1,164.00	\$5.00	\$970.00
9		REMOVE & REPLACE CONCRETE CURB & GUTTER	LF	15.00	\$75.00	\$1,125.00	\$95.24	\$1,428.60	\$95.00	\$1,425.00	\$200.00	\$3,000.00	\$175.00	\$2,625.00
10		REMOVE & REPLACE CONCRETE DRAIN PAIN	SF	23.00	\$25.00	\$575.00	\$55.93	\$1,286.39	\$52.00	\$1,196.00	\$80.00	\$1,840.00	\$75.00	\$1,725.00
11		REMOVE & REPLACE CONCRETE FILLET	SF	263.00	\$25.00	\$6,575.00	\$38.61	\$10,154.43	\$52.00	\$13,676.00	\$40.00	\$10,520.00	\$40.00	\$10,520.00
12		REMOVE TREE, 6"-12" DIA.	EA	4.00	\$500.00	\$2,000.00	\$1,852.04	\$7,408.16	\$1,200.00	\$4,800.00	\$2,000.00	\$8,000.00	\$2,050.00	\$8,200.00
13		REMOVE PRV STATION	EA	2.00	\$15,000.00	\$30,000.00	\$8,340.50	\$16,681.00	\$6,000.00	\$12,000.00	\$12,000.00	\$24,000.00	\$7,500.00	\$15,000.00
14		AASHTO T-180 SOIL TEST	EA	2.00	\$450.00	\$900.00	\$361.63	\$723.26	\$450.00	\$900.00	\$300.00	\$600.00	\$240.00	\$480.00
15		EXCAVATION, UNCLASSIFIED-DIGOUTS W/AGGREGATE BASE	CY	100.00	\$75.00	\$7,500.00	\$40.37	\$4,037.00	\$70.00	\$7,000.00	\$125.00	\$12,500.00	\$115.00	\$11,500.00
16		EXCAVATION, UNDERCUT	CY	2534.30	\$10.00	\$25,343.00	\$21.32	\$54,031.28	\$20.00	\$50,686.00	\$13.00	\$32,945.90	\$75.00	\$190,072.50
17		SEEDING, FERTILIZING, & MULCHING	SY	4242.00	\$2.00	\$8,484.00	\$3.49	\$14,804.58	\$4.00	\$16,968.00	\$1.50	\$6,363.00	\$3.20	\$13,574.40
18		SODDING	SY	3920.00	\$7.00	\$27,440.00	\$13.37	\$52,410.40	\$15.00	\$58,800.00	\$11.00	\$43,120.00	\$12.20	\$47,824.00
19		EXCAVATION, ROCK (TRENCH)	CY	200.00	\$175.00	\$35,000.00	\$176.69	\$35,338.00	\$100.00	\$20,000.00	\$165.00	\$33,000.00	\$175.00	\$35,000.00
20		CONTROLLED LOW STRENGTH BACKFILL MATERIAL (TRENCH)	CY	12.00	\$165.00	\$1,980.00	\$294.55	\$3,534.60	\$280.00	\$3,360.00	\$350.00	\$4,200.00	\$400.00	\$4,800.00
21		IMPORTED BACKFILL MATERIAL (TRENCH)	CY	100.00	\$50.00	\$5,000.00	\$44.25	\$4,425.00	\$25.00	\$2,500.00	\$65.00	\$6,500.00	\$75.00	\$7,500.00



22		TYPE III FOUNDATION MATERIAL	T	50.00	\$35.00	\$1,750.00	\$74.91	\$3,745.50	\$35.00	\$1,750.00	\$70.00	\$3,500.00	\$33.00	\$1,650.00
23		6" PVC WATER MAIN C-900, DR 18	LF	376.00	\$75.00	\$28,200.00	\$46.79	\$17,593.04	\$105.00	\$39,480.00	\$94.00	\$35,344.00	\$125.00	\$47,000.00
24		8" PVC WATER MAIN C-900, DR 18	LF	6054.00	\$85.00	\$514,590.00	\$66.08	\$400,048.32	\$115.00	\$696,210.00	\$103.00	\$623,562.00	\$130.00	\$787,020.00
25		6" 22.5 DEGREE BEND	EA	1.00	\$600.00	\$600.00	\$894.69	\$894.69	\$1,100.00	\$1,100.00	\$1,325.00	\$1,325.00	\$1,850.00	\$1,850.00
26		6" 45 DEGREE BEND	EA	15.00	\$625.00	\$9,375.00	\$910.27	\$13,654.05	\$1,100.00	\$16,500.00	\$1,325.00	\$19,875.00	\$1,080.00	\$16,200.00
27		8" 11.25 DEGREE BEND	EA	20.00	\$650.00	\$13,000.00	\$1,019.22	\$20,384.40	\$1,100.00	\$22,000.00	\$1,350.00	\$27,000.00	\$1,280.00	\$25,600.00
28		8" 22.5 DEGREE BEND	EA	7.00	\$675.00	\$4,725.00	\$1,043.66	\$7,305.62	\$1,120.00	\$7,840.00	\$1,400.00	\$9,800.00	\$1,290.00	\$9,030.00
29		8" 45 DEGREE BEND	EA	12.00	\$700.00	\$8,400.00	\$1,049.58	\$12,594.96	\$1,135.00	\$13,620.00	\$1,400.00	\$16,800.00	\$1,300.00	\$15,600.00
30		6" STANDARD COUPLING	EA	1.00	\$800.00	\$800.00	\$565.49	\$565.49	\$1,030.00	\$1,030.00	\$1,275.00	\$1,275.00	\$1,050.00	\$1,050.00
31		6" TRANSITIONAL COUPLING	EA	4.00	\$1,000.00	\$4,000.00	\$567.57	\$2,270.28	\$1,030.00	\$4,120.00	\$1,275.00	\$5,100.00	\$1,030.00	\$4,120.00
32		8" HIGH DEFLECTION COUPLING	EA	19.00	\$800.00	\$15,200.00	\$742.60	\$14,109.40	\$1,500.00	\$28,500.00	\$1,470.00	\$27,930.00	\$1,130.00	\$21,470.00
33		8" MJ PLUG	EA	1.00	\$500.00	\$500.00	\$402.74	\$402.74	\$900.00	\$900.00	\$1,200.00	\$1,200.00	\$3,480.00	\$3,480.00
34		8" X 6" REDUCER	EA	8.00	\$600.00	\$4,800.00	\$946.23	\$7,569.84	\$1,040.00	\$8,320.00	\$990.00	\$7,920.00	\$1,130.00	\$9,040.00
35		8" X 8" X 6" TEE	EA	14.00	\$1,100.00	\$15,400.00	\$1,271.59	\$17,802.26	\$1,400.00	\$19,600.00	\$1,650.00	\$23,100.00	\$1,640.00	\$22,960.00
36		8" X 8" X 8" TEE	EA	9.00	\$1,200.00	\$10,800.00	\$1,383.82	\$12,454.38	\$1,600.00	\$14,400.00	\$1,770.00	\$15,930.00	\$1,810.00	\$16,290.00
37		8" X 8" X 8" TAPPING TEE W/VALVE & BOX	EA	1.00	\$8,500.00	\$8,500.00	\$4,282.38	\$4,282.38	\$6,500.00	\$6,500.00	\$12,200.00	\$12,200.00	\$4,880.00	\$4,880.00
38		6" GATE VALVE W/ BOX	EA	1.00	\$2,800.00	\$2,800.00	\$2,059.85	\$2,059.85	\$2,300.00	\$2,300.00	\$2,725.00	\$2,725.00	\$2,330.00	\$2,330.00
39		8" GATE VALVE W/ BOX	EA	31.00	\$3,000.00	\$93,000.00	\$2,808.24	\$87,055.44	\$2,980.00	\$92,380.00	\$3,500.00	\$108,500.00	\$2,875.00	\$89,125.00
40		FIRE HYDRANT W/AUX VALVE, BOX & LEAD	EA	15.00	\$7,000.00	\$105,000.00	\$7,497.01	\$112,455.15	\$10,600.00	\$159,000.00	\$12,500.00	\$187,500.00	\$10,110.00	\$151,650.00
41		FIRE HYDRANT PROTECTION BOLLARDS	EA	8.00	\$350.00	\$2,800.00	\$425.19	\$3,401.52	\$1,000.00	\$8,000.00	\$1,200.00	\$9,600.00	\$1,325.00	\$10,600.00
42		1" COPPER SERVICE	LF	1226.00	\$100.00	\$122,600.00	\$28.96	\$35,504.96	\$80.00	\$98,080.00	\$67.00	\$82,142.00	\$68.00	\$83,368.00
43		1" TAPPING SADDLE	EA	35.00	\$400.00	\$14,000.00	\$330.48	\$11,566.80	\$450.00	\$15,750.00	\$420.00	\$14,700.00	\$615.00	\$28,525.00
44		1" CURB STOP & BOX	EA	35.00	\$600.00	\$21,000.00	\$581.33	\$20,346.55	\$700.00	\$24,500.00	\$550.00	\$19,250.00	\$1,390.00	\$48,650.00
45		CONNECT TO EXISTING WATER MAIN	EA	10.00	\$2,000.00	\$20,000.00	\$668.39	\$6,683.90	\$2,500.00	\$25,000.00	\$6,400.00	\$64,000.00	\$2,990.00	\$29,900.00
46		RECONNECT WATER SERVICE	EA	35.00	\$475.00	\$16,625.00	\$252.27	\$8,829.45	\$200.00	\$7,000.00	\$1,150.00	\$40,250.00	\$370.00	\$12,950.00



47		CORROSION PROTECTION TEST STATION	EA	15.00	\$750.00	\$11,250.00	\$452.26	\$6,783.90	\$500.00	\$7,500.00	\$550.00	\$8,250.00	\$820.00	\$12,300.00
48		TRACER WIRE ACCES BOX, 2-WIRE	EA	15.00	\$500.00	\$7,500.00	\$257.93	\$3,868.95	\$250.00	\$3,750.00	\$125.00	\$1,875.00	\$240.00	\$3,600.00
49		CONCRETE WATER MAIN CAP	LF	41.00	\$200.00	\$8,200.00	\$83.23	\$3,412.43	\$125.00	\$5,125.00	\$315.00	\$12,915.00	\$90.00	\$3,690.00
50		DRAINAGE FABRIC, TYPE B	SY	64.00	\$15.00	\$960.00	\$4.34	\$277.76	\$8.00	\$512.00	\$25.00	\$1,600.00	\$20.00	\$1,280.00
51		CLASS 3 RIPRAP	T	132.20	\$125.00	\$16,525.00	\$66.63	\$8,808.49	\$110.00	\$14,542.00	\$100.00	\$13,220.00	\$110.00	\$14,542.00
52		SILT FENCE, LOW FLOW	LF	577.00	\$8.00	\$4,616.00	\$7.41	\$4,275.57	\$7.00	\$4,039.00	\$8.00	\$4,616.00	\$6.76	\$3,900.52
53		SILT FENCE, HIGH FLOW	LF	149.00	\$8.00	\$1,192.00	\$6.48	\$965.52	\$9.00	\$1,341.00	\$7.00	\$1,043.00	\$6.00	\$894.00
54		ROCK CONSTRUCTION ENTRANCE	EA	3.00	\$2,500.00	\$7,500.00	\$3,670.54	\$11,011.62	\$1,200.00	\$3,600.00	\$2,500.00	\$7,500.00	\$1,250.00	\$3,750.00
55		INLET PROTECTION, TYPE S	LF	24.00	\$25.00	\$600.00	\$9.88	\$237.12	\$300.00	\$7,200.00	\$11.00	\$264.00	\$9.00	\$216.00
56		AGGREGATE BASE COURSE, 1"	T	3290.50	\$40.00	\$131,620.00	\$68.49	\$225,366.35	\$46.00	\$151,363.00	\$46.50	\$153,008.25	\$60.00	\$197,430.00
57		GRAVEL SURFACING, PERMANENT	T	39.50	\$40.00	\$1,580.00	\$71.12	\$2,809.24	\$46.00	\$1,817.00	\$60.00	\$2,370.00	\$85.00	\$3,357.50
58		GRAVEL SURFACING, TEMPORARY	T	500.00	\$35.00	\$17,500.00	\$68.65	\$34,325.00	\$36.00	\$18,000.00	\$60.00	\$30,000.00	\$55.00	\$27,500.00
59		ASPHALT SURFACE TREATMENT- CRS-2P	T	21.74	\$900.00	\$19,566.00	\$1,561.89	\$33,955.49	\$1,600.00	\$34,784.00	\$1,750.00	\$38,045.00	\$1,300.00	\$28,262.00
60		COVER AGGREGATE	T	170.85	\$100.00	\$17,085.00	\$240.77	\$41,135.55	\$250.00	\$42,712.50	\$275.00	\$46,983.75	\$200.00	\$34,170.00
61		ASPHALT FOR FOG SEAL	T	5.05	\$2,150.00	\$10,857.50	\$4,630.10	\$23,382.01	\$4,700.00	\$23,735.00	\$5,000.00	\$25,250.00	\$3,850.00	\$19,442.50
62		AC, CLASS G, TYPE 1 PG64-28	T	2111.80	\$130.00	\$274,534.00	\$152.48	\$322,007.26	\$155.00	\$327,329.00	\$170.00	\$359,006.00	\$127.50	\$269,254.50
63		CONCRETE SIDEWALK, 4", NON-REINFORCED	SF	345.00	\$12.00	\$4,140.00	\$21.10	\$7,279.50	\$34.00	\$11,730.00	\$27.00	\$9,315.00	\$19.00	\$6,555.00
64		DETECTABLE WARNING PANEL	SF	12.00	\$60.00	\$720.00	\$122.26	\$1,467.12	\$125.00	\$1,500.00	\$125.00	\$1,500.00	\$85.00	\$1,020.00
65		DECIDUOUS TREE (1-2" CAL)	EA	3.00	\$750.00	\$2,250.00	\$926.02	\$2,778.06	\$1,500.00	\$4,500.00	\$1,000.00	\$3,000.00	\$845.00	\$2,535.00
66		TRAFFIC CONTROL, MISCELLANEOUS	LS	1.00	\$25,000.00	\$25,000.00	\$11,976.51	\$11,976.51	\$10,000.00	\$10,000.00	\$13,000.00	\$13,000.00	\$11,000.00	\$11,000.00
67		TRAFFIC CONTROL SIGNS	SF	193.00	\$400.00	\$77,200.00	\$3.70	\$714.10	\$5.30	\$1,022.90	\$4.00	\$772.00	\$3.40	\$656.20
68		TYPE 3 BARRICADE	EA	4.00	\$200.00	\$800.00	\$123.47	\$493.88	\$125.00	\$500.00	\$135.00	\$540.00	\$115.00	\$460.00
69		TYPE B ADV WARNING ARROW PANEL	EA	1.00	\$1,000.00	\$1,000.00	\$617.34	\$617.34	\$850.00	\$850.00	\$70.00	\$70.00	\$565.00	\$565.00
70		TEMPORARY CURB RAMP	EA	1.00	\$1,500.00	\$1,500.00	\$5,123.28	\$5,123.28	\$700.00	\$700.00	\$1,200.00	\$1,200.00	\$845.00	\$845.00
71		LONGITUDINAL PEDESTRIAN BARRICADE	LF	200.00	\$10.00	\$2,000.00	\$2.47	\$494.00	\$15.00	\$3,000.00	\$2.75	\$550.00	\$7.75	\$1,550.00

72	SALVAGE/RECONSTRUCT EXISTING IRRIGATION SYSTEM	EA	6.00	\$1,500.00	\$9,000.00	\$1,481.63	\$8,889.78	\$3,500.00	\$21,000.00	\$1,500.00	\$9,000.00	\$1,350.00	\$8,100.00
73	PORTABLE CHANGEABLE MESSAGE SIGN	EA	1.00	\$3,000.00	\$3,000.00	\$1,234.69	\$1,234.69	\$3,125.00	\$3,125.00	\$1,300.00	\$1,300.00	\$1,125.00	\$1,125.00
<b>TOTAL</b>					\$2,352,967.00		\$2,179,210.01		\$2,888,420.90		\$3,046,162.30		\$3,195,696.12

CONSULTANT

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

 8/10/22  
 Jason Pettyjohn, PE Date  
 FMG Engineering, Inc.

CITY OF RAPID CITY

Reviewed by:

 8/10/22  
 Eduardo Lopez, PE Date