

BID AWARD SUMMARY

LETTING DATE: FEBRUARY 15, 2022

PROJECT: Deadwood Avenue Reconstruction Phase 1
Project No. 17-2375 / CIP No. 50437.1

RECOMMENDATION: Award Total Bid in the amount of \$2,864,025.82 to Heavy Constructors, Inc. at the February 22, 2022 Council Meeting.

BIDDERS' SUMMARY

<u>CONTRACTORS</u>	<u>TOTAL BID</u>
Heavy Constructors, Inc.	\$2,864,025.82
Simon Contractors of SD, Inc.	\$2,991,155.30

City staff recommends awarding this project to Heavy Constructors, Inc. for the total bid amount of \$2,864,025.82 based on unit pricing with the following appropriation:

FUNDING SOURCE	TOTAL	CIP Streets	Wastewater Enterprise
ADVERTISING AUTHORITY	\$2,700,000.00	\$2,400,000.00	\$300,000.00
ENGINEER'S ESTIMATE	\$2,700,000.00		

APPROPRIATION DATA:

FUNDING SOURCE	TOTAL	CIP Streets	Wastewater Enterprise
COST CENTER		8910	834
LINE ITEM		4370	4380
FUNDING CENTER		505	604
BID AMOUNT	\$2,864,025.82	\$2,434,146.98	\$429,878.84

PROJECT MANAGER:



Sara Odden, PE
City of Rapid City

DATE:



PROJECT NAME: DEADWOOD AVENUE RECONSTRUCTION PHASE 1
PROJECT NUMBER: 17-2375 / CIP 50437.1
LET DATE: FEBRUARY 15, 2022
LOW BID AMOUNT: \$2,864,025.82

ITEM NO.	STD. BID ITEM NO.	DESCRIPTION OF ITEM	UNIT	QTY (EST)	ENGINEER'S ESTIMATE		HEAVY CONSTRUCTORS, INC.		SIMON CONTRACTORS OF SD, INC.	
					UNIT COST	TOTAL COST	UNIT COST	TOTAL COST	UNIT COST	TOTAL COST
1		MOBILIZATION	LS	1.0	\$220,000.00	\$220,000.00	\$232,713.93	\$232,713.93	\$280,000.00	\$280,000.00
2		INCIDENTAL WORK	LS	1.0	\$54,825.61	\$54,825.61	\$24,088.61	\$24,088.61	\$237,450.00	\$237,450.00
3		CONSTRUCTION STAKING	LS	1.0	\$40,000.00	\$40,000.00	\$80,107.52	\$80,107.52	\$77,000.00	\$77,000.00
4		REESTABLISH PROPERTY CORNERS	EA	1.0	\$220.00	\$220.00	\$196.72	\$196.72	\$190.00	\$190.00
5		CLEARING & GRUBBING	LS	1.0	\$2,000.00	\$2,000.00	\$5,786.03	\$5,786.03	\$1,450.00	\$1,450.00
6		REFURBISH SINGLE MAILBOX	EA	3.0	\$250.00	\$750.00	\$289.30	\$867.90	\$275.00	\$825.00
7		REFURBISH DOUBLE MAILBOX	EA	1.0	\$350.00	\$350.00	\$405.02	\$405.02	\$390.00	\$390.00
8		REMOVE AC PAVEMENT	SY	668.7	\$7.00	\$4,680.90	\$11.57	\$7,736.86	\$4.95	\$3,310.07
9		REMOVE PCC PAVEMENT	SY	93.7	\$10.00	\$937.00	\$11.57	\$1,084.11	\$5.50	\$515.35
10		REMOVE CONCRETE DRIVEWAY PAVEMENT	SY	188.8	\$15.00	\$2,832.00	\$11.57	\$2,184.42	\$5.25	\$991.20
11		REMOVE SILT FENCE	LF	4503.0	\$1.00	\$4,503.00	\$1.16	\$5,223.48	\$1.10	\$4,953.30
12		REMOVE SIGN	EA	6.0	\$50.00	\$300.00	\$57.86	\$347.16	\$55.00	\$330.00
13		REMOVE SIGN FOR RESET	EA	6.0	\$40.00	\$240.00	\$57.86	\$347.16	\$55.00	\$330.00
14		REMOVE FENCE	FT	2907.0	\$0.75	\$2,180.25	\$3.59	\$10,436.13	\$3.05	\$8,866.35

15		REMOVE CHAIN LINK FENCE	FT	549.0	\$6.50	\$3,568.50	\$6.55	\$3,595.95	\$5.65	\$3,101.85
16		REMOVE FENCE FOR RESET	FT	204.0	\$2.50	\$510.00	\$12.15	\$2,478.60	\$11.00	\$2,244.00
17		COLD MILLING ASPHALT CONCRETE PAVEMENT	SY	11372.2	\$2.50	\$28,430.50	\$1.13	\$12,850.59	\$3.50	\$39,802.70
18		SALVAGE AND STOCKPILE ASHALT MIX MATERIAL	T	2867.0	\$10.50	\$30,103.50	\$2.58	\$7,396.86	\$2.25	\$6,450.75
19		TOPSOIL, PLACE	CY	2819.0	\$8.00	\$22,552.00	\$21.99	\$61,989.81	\$5.00	\$14,095.00
20		COVER CROP SEEDING	BU	13.7	\$65.00	\$890.50	\$115.72	\$1,585.36	\$110.00	\$1,507.00
21		SEEDING	SY	66104.0	\$0.32	\$21,153.28	\$0.23	\$15,203.92	\$0.22	\$14,542.88
22		FERTILIZING	SY	66104.0	\$0.50	\$33,052.00	\$0.19	\$12,559.76	\$0.18	\$11,898.72
23		MULCH	SY	66104.0	\$0.11	\$7,271.44	\$0.32	\$21,153.28	\$0.32	\$21,153.28
24		AASHTO T-180 SOIL TEST	EA	4.0	\$250.00	\$1,000.00	\$308.11	\$1,232.44	\$208.00	\$832.00
25		UNCLASSIFIED EXCAVATION	CY	32351.0	\$3.50	\$113,228.50	\$16.24	\$525,380.24	\$5.90	\$190,870.90
26		ROCK EXCAVATION	CY	100.0	\$20.00	\$2,000.00	\$69.43	\$6,943.00	\$102.00	\$10,200.00
27		ROCK EXCAVATION, TRENCH	CY	290.0	\$30.00	\$8,700.00	\$69.43	\$20,134.70	\$275.00	\$79,750.00
28		UNDERCUTTING	CY	3149.0	\$3.00	\$9,447.00	\$21.99	\$69,246.51	\$10.75	\$33,851.75
29		PIPE CULVERT UNDERCUT	CY	96.0	\$15.00	\$1,440.00	\$15.04	\$1,443.84	\$10.25	\$984.00
30		EXPLORATORY EXCAVATION	HR	0.0	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
31		FOOTING UNDERCUT	CY	3.0	\$50.00	\$150.00	\$173.58	\$520.74	\$39.00	\$117.00
32		STRUCTURE EXCAVATION, RETAINING WALL	CY	4.5	\$100.00	\$450.00	\$115.72	\$520.74	\$39.00	\$175.50
33		TYPE I BEDDING MATERIAL	T	100.0	\$35.00	\$3,500.00	\$29.83	\$2,983.00	\$22.50	\$2,250.00

34		TYPE 3 FOUNDATION MATERIAL	T	100.0	\$40.00	\$4,000.00	\$36.61	\$3,661.00	\$23.50	\$2,350.00
35		18" RCP, CLASS 3, FURNISH AND INSTALL	LF	134.0	\$75.00	\$10,050.00	\$63.07	\$8,451.38	\$87.00	\$11,658.00
36		24" RCP, CLASS 2, FURNISH AND INSTALL	LF	306.0	\$85.00	\$26,010.00	\$75.39	\$23,069.34	\$98.00	\$29,988.00
37		24" RCP FLARED END SECTION, FURNISH AND INSTALL	EA	6.0	\$1,200.00	\$7,200.00	\$1,329.34	\$7,976.04	\$1,100.00	\$6,600.00
38		18" RCP SAFETY END SECTION, FURNISH AND INSTALL	EA	4.0	\$1,100.00	\$4,400.00	\$1,148.24	\$4,592.96	\$1,000.00	\$4,000.00
39		24" RCP SAFETY END SECTION, FURNISH AND INSTALL	EA	4.0	\$1,400.00	\$5,600.00	\$1,329.34	\$5,317.36	\$1,280.00	\$5,120.00
40		BANK AND CHANNEL PROTECTION GABION, PVC COATED	CY	55.5	\$350.00	\$19,425.00	\$405.02	\$22,478.61	\$395.00	\$21,922.50
41		TYPE B DRAINAGE FABRIC	SY	130.0	\$7.50	\$975.00	\$5.79	\$752.70	\$5.60	\$728.00
42		SURFACE ROUGHENING	AC	1.8	\$400.00	\$720.00	\$173.58	\$312.44	\$2,000.00	\$3,600.00
43		EROSION AND SEDIMENT CONTROL BLANKET, TYPE 2	SY	3192.7	\$2.00	\$6,385.40	\$2.89	\$9,226.90	\$2.80	\$8,939.56
44		EROSION AND SEDIMENT CONTROL BLANKET, TYPE 3	SY	1213.4	\$2.50	\$3,033.50	\$3.47	\$4,210.50	\$3.35	\$4,064.89
45		SHAPING FOR EROSION CONTROL BLANKET	FT	3474.0	\$0.40	\$1,389.60	\$1.16	\$4,029.84	\$1.10	\$3,821.40
46		SILT FENCE, LOW FLOW	LF	1689.0	\$3.90	\$6,587.10	\$5.79	\$9,779.31	\$5.55	\$9,373.95
47		SILT FENCE, HIGH FLOW	LF	352.0	\$4.00	\$1,408.00	\$4.63	\$1,629.76	\$4.45	\$1,566.40
48		VEHICLE TRACKING CONTROL ENTRANCE	EA	2.0	\$1,600.00	\$3,200.00	\$2,069.31	\$4,138.62	\$1,320.00	\$2,640.00
49		12" WATTLES	LF	590.0	\$5.25	\$3,097.50	\$6.94	\$4,094.60	\$6.75	\$3,982.50
50		CONTROLLED LOW STRENGTH BACKFILL MATERIAL	CY	6.0	\$150.00	\$900.00	\$173.58	\$1,041.48	\$180.00	\$1,080.00
51		12" PVC SEWER MAIN (6'-8')	LF	216.0	\$115.00	\$24,840.00	\$80.83	\$17,459.28	\$105.00	\$22,680.00
52		12" PVC SEWER MAIN (8'-10')	LF	877.0	\$125.00	\$109,625.00	\$86.57	\$75,921.89	\$109.00	\$95,593.00

53	12" PVC SEWER MAIN (10'-12')	LF	346.0	\$135.00	\$46,710.00	\$92.86	\$32,129.56	\$114.00	\$39,444.00
54	12" PVC SEWER MAIN (12'-14')	LF	909.0	\$145.00	\$131,805.00	\$97.85	\$88,945.65	\$130.00	\$118,170.00
55	12" PVC SEWER MAIN (14'-16')	LF	297.0	\$155.00	\$46,035.00	\$110.95	\$32,952.15	\$150.00	\$44,550.00
56	STANDARD MANHOLE, 48"	EA	7.0	\$6,000.00	\$42,000.00	\$6,470.16	\$45,291.12	\$6,490.00	\$45,430.00
57	TERMINATION MANHOLE, 48"	EA	1.0	\$6,000.00	\$6,000.00	\$6,346.91	\$6,346.91	\$6,500.00	\$6,500.00
58	EXTRA MANHOLE DEPTH, 48"	VF	38.7	\$500.00	\$19,350.00	\$202.51	\$7,837.14	\$650.00	\$25,155.00
59	CONNECT TO EXISTING SEWER MAIN	EA	1.0	\$850.00	\$850.00	\$5,786.03	\$5,786.03	\$3,500.00	\$3,500.00
60	ADJUST MANHOLE RING AND COVER	EA	0.0	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
61	GRAVEL CUSHION	T	65.5	\$35.00	\$2,292.50	\$46.47	\$3,043.79	\$82.00	\$5,371.00
62	AGGREGATE BASE COURSE	T	7533.0	\$35.00	\$263,655.00	\$30.95	\$233,146.35	\$30.50	\$229,756.50
63	GRAVEL SURFACING, TEMPORARY	T	3648.0	\$40.00	\$145,920.00	\$29.12	\$106,229.76	\$30.25	\$110,352.00
64	GRAVEL SURFACING	T	71.0	\$35.00	\$2,485.00	\$44.97	\$3,192.87	\$56.50	\$4,011.50
65	BASE COURSE, SALVAGED ASPHALT MIX	T	2867.0	\$25.00	\$71,675.00	\$11.57	\$33,171.19	\$17.00	\$48,739.00
66	ASPHALT FOR TACK	T	2.0	\$515.00	\$1,030.00	\$1,157.21	\$2,314.42	\$550.00	\$1,100.00
67	AC, CLASS E, TYPE 1 PG64-28	T	2727.6	\$105.00	\$286,398.00	\$96.05	\$261,985.98	\$102.45	\$279,442.62
68	AC, CLASS E, TYPE 2 PG64-28	T	1461.6	\$110.00	\$160,776.00	\$96.05	\$140,386.68	\$108.75	\$158,949.00
69	ASPHALT LEVELING LIFT	T	5.0	\$125.00	\$625.00	\$462.88	\$2,314.40	\$300.00	\$1,500.00
70	10" NON-REINFORCED PCC PAVEMENT	SY	93.7	\$125.00	\$11,712.50	\$173.58	\$16,264.45	\$132.00	\$12,368.40
71	PCC DRIVEWAY PAVEMENT, 6" NON REINFORCED	SY	270.9	\$100.00	\$27,090.00	\$113.41	\$30,722.77	\$122.00	\$33,049.80


72	CONCRETE CURB & GUTTER, TYPE B66	LF	16.0	\$38.00	\$608.00	\$173.58	\$2,777.28	\$45.00	\$720.00
73	CONCRETE CURB & GUTTER, TYPE F66	LF	493.0	\$38.00	\$18,734.00	\$34.72	\$17,116.96	\$45.00	\$22,185.00
74	CONCRETE GUTTER, TYPE C9	LF	50.0	\$50.00	\$2,500.00	\$52.07	\$2,603.50	\$56.00	\$2,800.00
75	CONCRETE GUTTER, TYPE C12	LF	48.0	\$60.00	\$2,880.00	\$77.53	\$3,721.44	\$56.00	\$2,688.00
76	CONCRETE FILLET & PAN, 6"	SY	130.0	\$120.00	\$15,600.00	\$113.41	\$14,743.30	\$132.00	\$17,160.00
77	GRAVITY LARGE CONCRETE BLOCK WALL	SF	89.0	\$250.00	\$22,250.00	\$109.93	\$9,783.77	\$115.00	\$10,235.00
78	TYPE 2 FENCE	LF	3063.0	\$1.75	\$5,360.25	\$5.10	\$15,621.30	\$4.75	\$14,549.25
79	TEMPORARY TYPE 2A FENCE	LF	2800.0	\$1.20	\$3,360.00	\$4.88	\$13,664.00	\$4.25	\$11,900.00
80	TEMPORARY CHAIN LINK SECURITY FENCE	LF	510.0	\$39.00	\$19,890.00	\$12.13	\$6,186.30	\$9.75	\$4,972.50
81	6' CHAIN LINK FENCE	LF	583.0	\$55.00	\$32,065.00	\$34.54	\$20,136.82	\$33.00	\$19,239.00
82	3-POST FENCE PANEL	EA	4.0	\$195.00	\$780.00	\$282.36	\$1,129.44	\$230.00	\$920.00
83	2-POST FENCE PANEL	EA	31.0	\$155.00	\$4,805.00	\$195.57	\$6,062.67	\$178.00	\$5,518.00
84	16' TUBULAR GATE	EA	1.0	\$750.00	\$750.00	\$324.02	\$324.02	\$230.00	\$230.00
85	RESET FENCE	FT	204.0	\$15.00	\$3,060.00	\$32.26	\$6,581.04	\$17.00	\$3,468.00
86	4"X4" WHITE DELINEATOR WITH 1.12 LB/FT POST	EA	28.0	\$30.00	\$840.00	\$35.87	\$1,004.36	\$35.00	\$980.00
87	ROAD SIGN	EA	2.0	\$150.00	\$300.00	\$405.02	\$810.04	\$400.00	\$800.00
88	RESET SIGN	EA	6.0	\$75.00	\$450.00	\$115.72	\$694.32	\$115.00	\$690.00
89	COLD APPLIED PLASTIC PAVEMENT MARKING, 4"	FT	13566.0	\$3.20	\$43,411.20	\$3.76	\$51,008.16	\$3.70	\$50,194.20
90	COLD APPLIED PLASTIC PAVEMENT MARKING, 8"	FT	212.0	\$6.50	\$1,378.00	\$8.10	\$1,717.20	\$8.00	\$1,696.00

91		COLD APPLIED PLASTIC PAVEMENT MARKING, 24"	FT	130.0	\$21.50	\$2,795.00	\$23.14	\$3,008.20	\$23.00	\$2,990.00
92		COLD APPLIED PLASTIC MARKING, ARROW	EA	4.0	\$280.00	\$1,120.00	\$347.16	\$1,388.64	\$340.00	\$1,360.00
93		COLD APPLIED PLASTIC MARKING, AREA	SF	113.0	\$16.00	\$1,808.00	\$13.89	\$1,569.57	\$14.00	\$1,582.00
94		GROOVE PAVEMENT FOR PAVEMENT MARKING, 4"	FT	13566.0	\$0.90	\$12,209.40	\$0.58	\$7,868.28	\$0.58	\$7,868.28
95		GROOVE PAVEMENT FOR PAVEMENT MARKING, 8"	FT	212.0	\$2.00	\$424.00	\$1.16	\$245.92	\$1.15	\$243.80
96		GROOVE PAVEMENT FOR PAVEMENT MARKING, 24"	FT	117.0	\$6.00	\$702.00	\$3.76	\$439.92	\$3.75	\$438.75
97		GROOVE PAVEMENT FOR PAVEMENT MARKING, ARROW	EA	4.0	\$170.00	\$680.00	\$173.58	\$694.32	\$170.00	\$680.00
98		GROOVE PAVEMENT FOR PAVEMENT MARKING, AREA	SF	113.0	\$3.00	\$339.00	\$2.31	\$261.03	\$2.25	\$254.25
99		TRAFFIC CONTROL SIGNS	SF	719.5	\$3.50	\$2,518.25	\$3.47	\$2,496.67	\$3.35	\$2,410.33
100		TRAFFIC CONTROL MISCELLANEOUS	LS	1.0	\$30,000.00	\$30,000.00	\$17,994.54	\$17,994.54	\$18,000.00	\$18,000.00
101		TYPE 3 BARRICADE, 8' DOUBLE SIDED	EA	14.0	\$125.00	\$1,750.00	\$86.79	\$1,215.06	\$85.00	\$1,190.00
102		TEMPORARY FLEXIBLE VERTICAL MARKERS (TABS)	FT	13500.0	\$0.45	\$6,075.00	\$0.41	\$5,535.00	\$0.40	\$5,400.00
103		REMOVE PAVEMENT MARKING, 4" OR EQUIVALENT	FT	854.0	\$0.33	\$281.82	\$0.58	\$495.32	\$0.58	\$495.32
104		REMOVE PAVEMENT MARKING, ARROW	EA	2.0	\$30.00	\$60.00	\$57.86	\$115.72	\$56.00	\$112.00
105		REMOVE PAVEMENT MARKING, AREA	SF	140.0	\$6.25	\$875.00	\$2.31	\$323.40	\$2.25	\$315.00
106		CONTRACTOR FURNISHED PORTABLE CHANGEABLE MESSAGE SIGN	EA	3.0	\$7,500.00	\$22,500.00	\$3,703.06	\$11,109.18	\$3,600.00	\$10,800.00
107		LINEAR DELINEATION SYSTEM PANEL, BARRIER MOUNTED	EA	25.0	\$100.00	\$2,500.00	\$57.86	\$1,446.50	\$57.00	\$1,425.00
108		CONTRACTOR FURNISHED TRAFFIC CONTROL MOVABLE CONCRETE BARRIER	EA	25.0	\$600.00	\$15,000.00	\$347.16	\$8,679.00	\$340.00	\$8,500.00
109		CONCRETE BARRIER END PROTECTION	EA	2.0	\$28,000.00	\$56,000.00	\$5,786.03	\$11,572.06	\$5,700.00	\$11,400.00

110	CONCRETE BARRIER END PROTECTION MODULE SET OR REPAIR KIT	EA	2.0	\$3,300.00	\$6,600.00	\$115.72	\$231.44	\$110.00	\$220.00
111	PORTABLE TEMPORARY TRAFFIC CONTROL SIGNAL	Unit	1.0	\$17,000.00	\$17,000.00	\$12,497.81	\$12,497.81	\$12,000.00	\$12,000.00
112	FLAGGING	HR	6000.0	\$30.37	\$182,220.00	\$27.34	\$164,040.00	\$40.00	\$240,000.00
113	REMOVE AND RESET CONCRETE BARRIER END PROTECTION	EA	20.0	\$300.00	\$6,000.00	\$1,446.51	\$28,930.20	\$1,400.00	\$28,000.00
114	REMOVE AND RESET MOVABLE CONCRETE BARRIER	EA	250.0	\$100.00	\$25,000.00	\$28.93	\$7,232.50	\$28.00	\$7,000.00
TOTAL						\$2,700,000.00	\$2,864,025.82		\$2,991,155.30

CONSULTANT

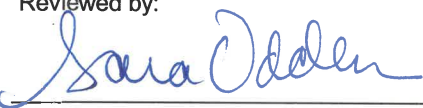
I certify that, to the best of my knowledge, this is a true tabulation of bids received for this project.


 Richard Sudmeier, PE
 FMG Engineering

2/16/22
 Date

CITY OF RAPID CITY

Reviewed by:


 Sara Odden, PE

2/16/2022
 Date