

# BID AWARD SUMMARY

LETTING DATE: MARCH 28, 2023

**PROJECT:** Dyess Avenue Reconstruction - Seger Drive to City Limits  
Project No. 20-2630 / CIP No. 51282

**RECOMMENDATION:** Award Total Bid in the amount of \$4,380,352.32 to RCS Construction, Inc. at the April 3, 2023 Council Meeting.

## BIDDERS' SUMMARY

<u>CONTRACTORS</u>	<u>TOTAL BID</u>
RCS Construction, Inc.	\$4,380,352.32
Underground Construction, LLC	\$5,189,679.50

City staff recommends awarding this project to RCS Construction, Inc. for the total bid amount of \$4,380,352.32 based on unit pricing with the following appropriation:

FUNDING SOURCE	TOTAL	Sanitary Sewer	Water	Streets	Drainage
ADVERTISING AUTHORITY	\$3,765,000.00				
ENGINEER'S ESTIMATE	\$4,000,000.00	\$84,029.38	\$150,859.38	\$2,866,536.86	\$898,574.38

## APPROPRIATION DATA:

FUNDING SOURCE	TOTAL	Sanitary Sewer	Water	Streets	Drainage
COST CENTER		833	933	8910	8911
LINE ITEM		4380	4381	4370	4371
FUNDING CENTER		0604	0602	0505	0505
BID AMOUNT	\$4,380,352.32	\$113,214.81	\$158,781.51	\$3,046,197.65	\$1,062,158.35

PROJECT MANAGER:



Sara Odden, PE  
City of Rapid City

DATE:

3/29/2023

**PROJECT NAME: DYESS AVENUE RECONSTRUCTION SEGER DRIVE TO CITY LIMITS**  
**PROJECT NUMBER: 20-2630 / CIP 51282**  
**LET DATE: MARCH 23, 2023**  
**LOW BID AMOUNT: \$4,380,352.32**

ITEM NO.	STD. BID ITEM NO.	DESCRIPTION OF ITEM	UNIT	QTY (EST)	ENGINEER'S ESTIMATE		RCS CONSTRUCTION, INC		UNDERGROUND CONSTRUCTION, LLC	
					UNIT COST	TOTAL COST	UNIT COST	TOTAL COST	UNIT COST	TOTAL COST
1	1.01	MOBILIZATION	LS	1.0	\$250,000.00	\$250,000.00	\$342,006.34	\$342,006.34	\$610,000.00	\$610,000.00
2	1.02	INCIDENTAL WORK	LS	1.0	\$197,887.60	\$197,887.60	\$105,958.27	\$105,958.27	\$300,000.00	\$300,000.00
3	1.03	CONSTRUCTION STAKING	LS	1.0	\$40,000.00	\$40,000.00	\$30,187.42	\$30,187.42	\$30,000.00	\$30,000.00
4	1.04	RE-ESTABLISH PROPERTY CORNER	EA	1.0	\$500.00	\$500.00	\$224.65	\$224.65	\$225.00	\$225.00
5	A01.01	CLEARING & GRUBBING, TREES 6" OR LARGER	EA	2.0	\$1,500.00	\$3,000.00	\$874.69	\$1,749.38	\$1,000.00	\$2,000.00
6	A03.01	CLEARING & GRUBBING	LS	1.0	\$5,000.00	\$5,000.00	\$2,890.27	\$2,890.27	\$4,000.00	\$4,000.00
7	B03.01	REMOVE STORM SEWER MAIN	LF	247.0	\$40.00	\$9,880.00	\$43.35	\$10,707.45	\$40.00	\$9,880.00
8	B03.04	REMOVE END SECTION	EA	8.0	\$100.00	\$800.00	\$220.57	\$1,764.56	\$200.00	\$1,600.00
9	-	REMOVE FENCE	LF	3059.0	\$2.00	\$6,118.00	\$2.64	\$8,075.76	\$7.50	\$22,942.50
10	-	REMOVE MANHOLE FRAME & LID	EA	5.0	\$500.00	\$2,500.00	\$1,232.18	\$6,160.90	\$400.00	\$2,000.00
11	-	MILL, SALVAGE, & REMOVE AC PAVEMENT, 2"	SY	5726.0	\$5.00	\$28,630.00	\$4.61	\$26,396.86	\$4.50	\$25,767.00
12	B05.10	REMOVE AC PAVEMENT	SY	3667.0	\$15.00	\$55,005.00	\$14.45	\$52,988.15	\$20.00	\$73,340.00
13	B05.13	REMOVE PCC DRIVEWAY PAVEMENT	SY	16.0	\$55.00	\$880.00	\$14.45	\$231.20	\$65.00	\$1,040.00
14	B08.05	REMOVE & SALVAGE SIGN	EA	4.0	\$200.00	\$800.00	\$38.03	\$152.12	\$200.00	\$800.00
15	-	REMOVE DELINEATOR	EA	5.0	\$200.00	\$1,000.00	\$15.21	\$76.05	\$15.00	\$75.00

16	-	REMOVE OBJECT MARKERS	EA	2.0	\$200.00	\$400.00	\$15.21	\$30.42	\$15.00	\$30.00
17	C01.01	AASHTO T-180 SOIL TEST	EA	8.0	\$300.00	\$2,400.00	\$362.55	\$2,900.40	\$350.00	\$2,800.00
18	C02.01	EXCAVATION, UNCLASSIFIED	CY	25112.0	\$15.00	\$376,680.00	\$18.35	\$460,805.20	\$25.00	\$627,800.00
19	-	UNCLASSIFIED EXCAVATION, DIGOUTS	CY	100.0	\$60.00	\$6,000.00	\$59.48	\$5,948.00	\$70.00	\$7,000.00
20	C02.09	EXCAVATION, UNDERCUT	CY	7536.0	\$15.00	\$113,040.00	\$18.35	\$138,285.60	\$28.00	\$211,008.00
21	-	CRUSHED ROCK	T	50.0	\$50.00	\$2,500.00	\$67.00	\$3,350.00	\$60.00	\$3,000.00
22	C07.02	TOPSOIL, PLACE	CY	5977.0	\$20.00	\$119,540.00	\$22.31	\$133,346.87	\$12.50	\$74,712.50
23	C09.01	4" UNDERDRAIN LINE	LF	345.0	\$20.00	\$6,900.00	\$45.37	\$15,652.65	\$34.00	\$11,730.00
24	C10.01	4" UNDERDRAIN LINE CLEANOUT	EA	1.0	\$750.00	\$750.00	\$688.92	\$688.92	\$300.00	\$300.00
25	D07.01	SEWER AND WATER MAIN INSULATION	SF	260.0	\$8.00	\$2,080.00	\$12.82	\$3,333.20	\$7.00	\$1,820.00
26	D08.01	CONTROLLED LOW STRENGTH MATERIAL	CY	50.0	\$225.00	\$11,250.00	\$216.77	\$10,838.50	\$250.00	\$12,500.00
27	D09.01	TYPE 1 BEDDING MATERIAL	T	100.0	\$30.00	\$3,000.00	\$61.22	\$6,122.00	\$40.00	\$4,000.00
28	D10.02	TYPE 3 FOUNDATION MATERIAL	T	100.0	\$40.00	\$4,000.00	\$64.11	\$6,411.00	\$50.00	\$5,000.00
29	D10.03	TYPE 4 FOUNDATION MATERIAL	T	100.0	\$40.00	\$4,000.00	\$69.89	\$6,989.00	\$55.00	\$5,500.00
30	E02.05	8" PVC SEWER MAIN (12' - 14')	LF	20.0	\$300.00	\$6,000.00	\$325.12	\$6,502.40	\$200.00	\$4,000.00
31	E02.06	8" PVC SEWER MAIN (14' - 16')	LF	54.0	\$330.00	\$17,820.00	\$340.33	\$18,377.82	\$250.00	\$13,500.00
32	E05.05	15" PVC SEWER MAIN (14' - 16')	LF	6.0	\$400.00	\$2,400.00	\$631.95	\$3,791.70	\$300.00	\$1,800.00
33	-	INSTALL SANITARY SEWER MANHOLE	EA	1.0	\$4,500.00	\$4,500.00	\$9,883.50	\$9,883.50	\$10,000.00	\$10,000.00
34	E24.02	CONNECT TO EXISTING SEWER MAIN	EA	2.0	\$2,500.00	\$5,000.00	\$3,420.51	\$6,841.02	\$4,000.00	\$8,000.00
35	E27.02	RECONSTRUCT MANHOLE	EA	4.0	\$3,000.00	\$12,000.00	\$5,116.13	\$20,464.52	\$6,000.00	\$24,000.00
36	-	MANHOLE FRAME & LID	EA	5.0	\$550.00	\$2,750.00	\$2,039.90	\$10,199.50	\$1,500.00	\$7,500.00

37	F01.01	6" PVC WATER MAIN C-900, DR 18	LF	6.0	\$250.00	\$1,500.00	\$326.42	\$1,958.52	\$270.00	\$1,620.00
38	-	16" PVC WATER MAIN C-900, DR 18, RESTRAINED JOINT	LF	185.0	\$400.00	\$74,000.00	\$452.48	\$83,708.80	\$250.00	\$46,250.00
39	F06.27	16" 45 DEGREE BEND	EA	4.0	\$2,000.00	\$8,000.00	\$2,642.02	\$10,568.08	\$3,500.00	\$14,000.00
40	F14.21	16" X 16" X 6" TAPPING SLEEVE, W/ VALVE	EA	0.0	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
41	F15.07	16" GATE VALVE W/ BOX	EA	1.0	\$12,000.00	\$12,000.00	\$10,396.91	\$10,396.91	\$14,220.00	\$14,220.00
42	-	FIRE HYDRANT W/AUX VALVE & BOX	EA	1.0	\$10,000.00	\$10,000.00	\$9,978.50	\$9,978.50	\$12,000.00	\$12,000.00
43	F26.01	CONNECT TO EXISTING WATERMAIN	EA	2.0	\$4,000.00	\$8,000.00	\$3,420.51	\$6,841.02	\$8,000.00	\$16,000.00
44	F34.01	CORROSION PROTECTION TEST STATION	EA	1.0	\$800.00	\$800.00	\$622.90	\$622.90	\$600.00	\$600.00
45	F34.02	TRACER WIRE ACCESS BOX - 2-WIRE	EA	1.0	\$500.00	\$500.00	\$379.97	\$379.97	\$350.00	\$350.00
46	G01.06	18" RCP, CLASS 3	LF	40.0	\$140.00	\$5,600.00	\$148.01	\$5,920.40	\$180.00	\$7,200.00
47	G01.09	24" RCP, CLASS 3	LF	306.0	\$160.00	\$48,960.00	\$152.67	\$46,717.02	\$170.00	\$52,020.00
48	G09.03	18" RCP SAFETY END	EA	2.0	\$1,000.00	\$2,000.00	\$1,554.60	\$3,109.20	\$2,075.00	\$4,150.00
49	G09.04	24" RCP SAFETY END	EA	3.0	\$1,300.00	\$3,900.00	\$1,947.78	\$5,843.34	\$2,500.00	\$7,500.00
50	-	2' X 3' TYPE "B" INLET	EA	1.0	\$5,000.00	\$5,000.00	\$7,772.41	\$7,772.41	\$7,000.00	\$7,000.00
51	-	3' X 4' TYPE "B" INLET	EA	1.0	\$6,000.00	\$6,000.00	\$7,772.41	\$7,772.41	\$7,500.00	\$7,500.00
52	-	2' X 3' INLET, SPECIAL GRATE	EA	1.0	\$6,000.00	\$6,000.00	\$5,379.99	\$5,379.99	\$3,000.00	\$3,000.00
53	-	PRECAST DOUBLE BOX CULVERT, 15' X 4'	LF	168.0	\$3,200.00	\$537,600.00	\$3,270.26	\$549,403.68	\$4,200.00	\$705,600.00
54	-	PRECAST DOUBLE BOX CULVERT END SECTION, 15' X 4'	EA	4.0	\$18,000.00	\$72,000.00	\$19,671.43	\$78,685.72	\$19,451.00	\$77,804.00
55	G26.02	BOX CULVERT UNDERCUT	CY	500.0	\$25.00	\$12,500.00	\$141.27	\$70,635.00	\$25.00	\$12,500.00
56	-	GEOGRID SUBGRADE REINFORCEMENT, BOX CULVERT	SY	930.0	\$8.00	\$7,440.00	\$7.96	\$7,402.80	\$8.00	\$7,440.00
57	H02.06	CLASS 3 RIPRAP	T	1938.0	\$50.00	\$96,900.00	\$88.20	\$170,931.60	\$150.00	\$290,700.00

58	H05.02	BANK AND CHANNEL PROTECTION GABIONS	CY	149.0	\$400.00	\$59,600.00	\$444.33	\$66,205.17	\$625.00	\$93,125.00
59	-	SEEDING, ROAD DITCH MIX	LB	614.0	\$16.00	\$9,824.00	\$13.84	\$8,497.76	\$11.25	\$6,907.50
60	-	FERTILIZING, RECLAMATION BLEND	LB	1408.0	\$1.50	\$2,112.00	\$3.16	\$4,449.28	\$2.00	\$2,816.00
61	-	MULCHING, STRAW	T	15.0	\$285.00	\$4,275.00	\$626.23	\$9,393.45	\$1,250.00	\$18,750.00
62	-	SEEDING, WETLAND MIX	LB	12.0	\$300.00	\$3,600.00	\$131.84	\$1,582.08	\$75.00	\$900.00
63	H07.01	EROSION CONTROL BLANKET, TYPE 4	SY	5183.0	\$3.00	\$15,549.00	\$4.95	\$25,655.85	\$2.00	\$10,366.00
64	H10.01	TURF REINFORCEMENT MAT, CLASS 4	SY	960.0	\$7.50	\$7,200.00	\$23.07	\$22,147.20	\$11.25	\$10,800.00
65	H 13.02	ROCK CONSTRUCTION ENTRANCE	EA	2.0	\$3,000.00	\$6,000.00	\$2,553.43	\$5,106.86	\$2,000.00	\$4,000.00
66	H15.02	12" WATTLE	LF	376.0	\$6.00	\$2,256.00	\$6.26	\$2,353.76	\$6.25	\$2,350.00
67	-	TOPSOIL BERM	LF	1378.0	\$3.00	\$4,134.00	\$33.01	\$45,487.78	\$2.50	\$3,445.00
68	-	INLET PROTECTION DEVICE	EA	3.0	\$200.00	\$600.00	\$131.84	\$395.52	\$400.00	\$1,200.00
69	I01.06	AGGREGATE BASE COURSE	T	2656.0	\$45.00	\$119,520.00	\$47.20	\$125,363.20	\$52.50	\$139,440.00
70	I02.02	GRAVEL SURFACING, PERMANENT	T	37.0	\$40.00	\$1,480.00	\$51.10	\$1,890.70	\$52.50	\$1,942.50
71	I02.03	GRAVEL SURFACING, TEMPORARY	T	25.0	\$40.00	\$1,000.00	\$65.46	\$1,636.50	\$52.50	\$1,312.50
72	I03.04	WOVEN GEOTEXTILE SEPARATOR	SY	500.0	\$8.00	\$4,000.00	\$6.44	\$3,220.00	\$8.50	\$4,250.00
73	I03.05	GEOGRID SUBGRADE REINFORCEMENT	SY	500.0	\$8.00	\$4,000.00	\$6.44	\$3,220.00	\$8.00	\$4,000.00
74	I04.01	AC, CLASS E, TYPE 1, PG64-28	T	870.0	\$150.00	\$130,500.00	\$171.39	\$149,109.30	\$165.00	\$143,550.00
75	I06.01	AC FULL DEPTH REPAIR, CLASS E, TYPE 1	SY	930.0	\$250.00	\$232,500.00	\$122.71	\$114,120.30	\$150.00	\$139,500.00
76	I07.01	AC OVERLAY, CLASS E, TYPE 1 PG64-28	T	967.0	\$150.00	\$145,050.00	\$158.21	\$152,989.07	\$150.00	\$145,050.00
77	-	ASPHALT CONCRETE LEVELING COURSE	T	75.0	\$160.00	\$12,000.00	\$158.21	\$11,865.75	\$350.00	\$26,250.00
78	I13.07	PCC PAVEMENT, 9" NONREINFORCED	SY	4982.0	\$150.00	\$747,300.00	\$142.43	\$709,586.26	\$122.00	\$607,804.00

79	I19.07	CONCRETE CURB & GUTTER, TYPE B6-9	LF	345.0	\$60.00	\$20,700.00	\$39.86	\$13,751.70	\$62.50	\$21,562.50
80	I24.07	CONCRETE FILLET & PAN, 9" REINFORCED	SY	74.0	\$150.00	\$11,100.00	\$141.78	\$10,491.72	\$312.50	\$23,125.00
81	I29.02	DOWEL BAR	EA	3168.0	\$17.50	\$55,440.00	\$29.71	\$94,121.28	\$43.50	\$137,808.00
82	I31.02	INSTALL #10 DEFORMED TIE BAR IN CONCRETE	EA	36.0	\$30.00	\$1,080.00	\$44.22	\$1,591.92	\$62.50	\$2,250.00
83	-	TYPE 2 ROW FENCE	LF	3443.0	\$8.00	\$27,544.00	\$14.89	\$51,266.27	\$10.00	\$34,430.00
84	J20.01	DECIDUOUS TREE, (1-2" CAL)	EA	8.0	\$800.00	\$6,400.00	\$1,054.69	\$8,437.52	\$1,100.00	\$8,800.00
85	-	DRIP IRRIGATION SYSTEM	LS	1.0	\$500.00	\$500.00	\$2,241.24	\$2,241.24	\$1,500.00	\$1,500.00
86	J07.02	TEMPORARY FENCE	LF	2921.0	\$5.00	\$14,605.00	\$6.59	\$19,249.39	\$5.00	\$14,605.00
87	K01.01	2" RIGID CONDUIT, SCHEDULE 40	LF	1235.0	\$6.00	\$7,410.00	\$11.60	\$14,326.00	\$11.00	\$13,585.00
88	K01.05	2" RIGID CONDUIT, SCHEDULE 80	LF	110.0	\$11.00	\$1,210.00	\$22.41	\$2,465.10	\$21.25	\$2,337.50
89	K02.07	1/C #6 AWG COPPER WIRE	LF	4790.0	\$1.40	\$6,706.00	\$2.06	\$9,867.40	\$1.95	\$9,340.50
90	K02.09	1/C #10 AWG COPPER WIRE	LF	1494.0	\$0.75	\$1,120.50	\$1.18	\$1,762.92	\$1.15	\$1,718.10
91	-	2/C #10 AWG COPPER POLE & BRACKET CABLE	LF	325.0	\$1.60	\$520.00	\$3.70	\$1,202.50	\$3.50	\$1,137.50
92	K11.02	2.5' DIAMETER FOOTING	LF	45.0	\$175.00	\$7,875.00	\$283.45	\$12,755.25	\$270.00	\$12,150.00
93	-	BREAKAWAY BASE LUMINAIRE POLE W/ ARM, 50' MOUNTING HEIGHT	EA	5.0	\$3,300.00	\$16,500.00	\$7,448.80	\$37,244.00	\$7,065.00	\$35,325.00
94	-	ROADWAY LUMINAIRE, LED W/ PHOTOELECTRIC CELL	EA	5.0	\$900.00	\$4,500.00	\$1,760.03	\$8,800.15	\$1,670.00	\$8,350.00
95	-	TYPE 2 ELECTRICAL JUNCTION BOX	EA	5.0	\$900.00	\$4,500.00	\$2,175.32	\$10,876.60	\$2,065.00	\$10,325.00
96	L01.01	PAVEMENT MARKING PAINT, 4" WHITE	LF	4987.0	\$0.50	\$2,493.50	\$0.26	\$1,296.62	\$0.25	\$1,246.75
97	L02.01	PAVEMENT MARKING PAINT, 4" YELLOW	LF	707.0	\$0.50	\$353.50	\$0.26	\$183.82	\$0.25	\$176.75
98	L03.01	COLD APPLIED PLASTIC PAVEMENT MARKING, 4" WHITE	LF	2363.0	\$6.00	\$14,178.00	\$5.60	\$13,232.80	\$5.30	\$12,523.90
99	L03.02	COLD APPLIED PLASTIC PAVEMENT MARKING, 4" YELLOW	LF	3682.0	\$6.00	\$22,092.00	\$5.60	\$20,619.20	\$5.30	\$19,514.60

100	L03.06	COLD APPLIED PLASTIC PAVEMENT MARKING, ARROW	EA	8.0	\$550.00	\$4,400.00	\$560.31	\$4,482.48	\$530.00	\$4,240.00
101	L05.01	ROAD SIGN	EA	5.0	\$550.00	\$2,750.00	\$593.27	\$2,966.35	\$565.00	\$2,825.00
102	-	TYPE 2 OBJECT MARKER, BACK TO BACK	EA	4.0	\$300.00	\$1,200.00	\$43.50	\$174.00	\$41.25	\$165.00
103	-	DELINEATOR	EA	14.0	\$250.00	\$3,500.00	\$32.96	\$461.44	\$31.25	\$437.50
104	L06.03	FLAGGING	HR	120.0	\$50.00	\$6,000.00	\$36.50	\$4,380.00	\$75.00	\$9,000.00
105	-	TRAFFIC CONTROL SIGNS	SF	466.6	\$4.00	\$1,866.40	\$11.87	\$5,538.54	\$11.25	\$5,249.25
106	-	TYPE 3 BARRICADE	EA	10.0	\$100.00	\$1,000.00	\$98.88	\$988.80	\$95.00	\$950.00
107	-	TEMPORARY PAVEMENT MARKING	LF	2491.0	\$0.50	\$1,245.50	\$0.66	\$1,644.06	\$0.65	\$1,619.15
108	-	TRAFFIC CONTROL, MISCELLANEOUS	LS	1.0	\$10,000.00	\$10,000.00	\$11,964.23	\$11,964.23	\$12,000.00	\$12,000.00
109	-	16" X 16" X 6" TEE	EA	1.0	\$5,000.00	\$5,000.00	\$3,333.36	\$3,333.36	\$6,500.00	\$6,500.00
<b>TOTAL</b>						\$4,000,000.00		\$4,380,352.32		\$5,189,679.50

CONSULTANT

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



3-29-23

Adam Krogman, PE

Date

Avid4 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.



3/29/2023

Sara Odden, PE

Date

Project Manager