

BID AWARD SUMMARY

LETTING DATE: JULY 30, 2019

PROJECT: Hanover Drive Drainage Crossing
Project No. 18-2460 / CIP No. 51204

RECOMMENDATION: Award Total Bid in the amount of \$289,832.93 to R.C.S. Construction, Inc. at the August 5, 2019 Council Meeting.

BIDDERS' SUMMARY

<u>CONTRACTORS</u>	<u>TOTAL BID</u>
R.C.S. Construction, Inc.	\$289,832.93
Quinn Construction, Inc.	\$352,338.80
Mainline Contracting, Inc.	\$356,408.92
Simon Contractors of SD, Inc.	\$369,634.04


City staff recommends awarding this project to R.C.S. Construction, Inc. for the total bid amount of \$289,832.93 based on unit pricing with the following appropriation:

FUNDING SOURCE	TOTAL	Water	Stormwater	CIP – Streets	CIP – Drainage
ADVERTISING AUTHORITY	\$230,000.00	\$25,000.00	\$100,000.00	\$45,000.00	\$60,000.00
ENGINEER'S ESTIMATE	\$262,000.00				

APPROPRIATION DATA:

FUNDING SOURCE	TOTAL	Water	Stormwater	CIP – Street	CIP - Drainage
COST CENTER		833	7402	8910	8911
LINE ITEM		4381	4371	4370	4371
FUNDING CENTER		602	609	505	505
BID AMOUNT	\$289,832.93	\$41,700.68	\$124,987.73	\$45,695.07	\$77,449.45

PROJECT MANAGER:


Brandon Quiett, PE
City of Rapid City

DATE:

7/31/19

PROJECT NAME: HANOVER DRIVE DRAINAGE CROSSING

PROJECT NUMBER: PROJECT NO. 18-2460 / CIP NO. 51204

LET DATE: July 30, 2019

LOW BID AMOUNT: \$289,832.93

ITEM NO.	STD. BID ITEM NO.	DESCRIPTION OF ITEM	UNIT	QTY (EST)	ENGINEER'S ESTIMATE		R.C.S. CONSTRUCTION, INC.		QUINN CONSTRUCTION, 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	UNIT COST	TOTAL COST
1		MOBILIZATION	LS	1.00	\$27,472.60	\$27,472.60	\$16,632.18	\$16,632.18	\$32,000.00	\$32,000.00	\$22,950.00	\$22,950.00	\$30,000.00	\$30,000.00
2		INCIDENTAL WORK	LS	1.00	\$10,450.00	\$10,450.00	\$10,178.87	\$10,178.87	\$13,000.00	\$13,000.00	\$6,775.00	\$6,775.00	\$27,500.00	\$27,500.00
3		CONSTRUCTION STAKING	LS	1.00	\$1,800.00	\$1,800.00	\$3,439.24	\$3,439.24	\$3,000.00	\$3,000.00	\$2,350.00	\$2,350.00	\$2,000.00	\$2,000.00
4		TRAFFIC CONTROL	LS	1.00	\$1,200.00	\$1,200.00	\$1,532.74	\$1,532.74	\$1,500.00	\$1,500.00	\$1,820.00	\$1,820.00	\$1,375.00	\$1,375.00
5		CONSTRUCTION ENTRANCE - VEHICLE TRACKING CONTROL (VTC)	EA	1.00	\$850.00	\$850.00	\$891.85	\$891.85	\$750.00	\$750.00	\$950.00	\$950.00	\$1,350.00	\$1,350.00
6		ADDITIONAL GRANULAR MATERIAL FOR VEHICLE TRACKING CONTROL	TON	20.00	\$26.00	\$520.00	\$25.82	\$516.40	\$40.00	\$800.00	\$30.00	\$600.00	\$21.00	\$420.00
7		GRAVEL FILTER SOCKS	LF	18.00	\$7.00	\$126.00	\$11.79	\$212.22	\$3.00	\$54.00	\$3.40	\$61.20	\$2.90	\$52.20
8		REMOVE GRAVEL FILTER SOCKS	LF	18.00	\$1.25	\$22.50	\$1.18	\$21.24	\$1.00	\$18.00	\$1.10	\$19.80	\$0.95	\$17.10
9		SEDIMENT CONTROL WATTLE (SCW), 9" DIAMETER	LF	280.00	\$3.00	\$840.00	\$2.95	\$826.00	\$4.50	\$1,260.00	\$4.95	\$1,386.00	\$4.20	\$1,176.00
10		REMOVE SEDIMENT CONTROL WATTLE	LF	445.30	\$1.00	\$445.30	\$1.18	\$525.45	\$1.00	\$445.30	\$1.00	\$445.30	\$0.85	\$376.51
11		REMOVE SILT FENCE	LF	170.00	\$1.00	\$170.00	\$1.18	\$200.60	\$1.25	\$212.50	\$1.25	\$212.50	\$1.05	\$178.50
12		INLET PROTECTION DEVICE (IP)	EA	3.00	\$111.50	\$334.50	\$206.33	\$618.99	\$105.00	\$315.00	\$115.00	\$345.00	\$100.00	\$300.00
13		REMOVE INLET PROTECTION DEVICE (IP)	EA	3.00	\$11.00	\$33.00	\$11.79	\$35.37	\$7.00	\$21.00	\$6.25	\$18.75	\$5.15	\$15.45
14		TEMPORARY GRAVEL SURFACING, BASE COURSE	TON	100.00	\$22.00	\$2,200.00	\$19.01	\$1,901.00	\$40.00	\$4,000.00	\$28.00	\$2,800.00	\$31.00	\$3,100.00
15		UNCLASSIFIED EXCAVATION	CY	215.60	\$4.00	\$862.40	\$11.43	\$2,464.31	\$30.00	\$6,468.00	\$19.10	\$4,117.96	\$20.00	\$4,312.00
16		UNDERCUT	CY	127.20	\$7.25	\$922.20	\$11.43	\$1,453.90	\$30.00	\$3,816.00	\$15.55	\$1,977.96	\$16.00	\$2,036.20
17		IMPORTED BACKFILL MATERIAL (TRENCH)	CY	50.00	\$14.00	\$700.00	\$13.73	\$686.50	\$40.00	\$2,000.00	\$20.00	\$1,000.00	\$25.00	\$1,250.00

18	IMPORTED BACKFILL MATERIAL (GRADING)	CY	794.00	\$14.00	\$10,976.00	\$13.73	\$10,764.32	\$21.00	\$16,464.00	\$16.11	\$12,630.24	\$15.00	\$11,760.00
19	SODDING (STREET BOULEVARD)	SY	100.00	\$5.70	\$670.00	\$7.08	\$708.00	\$6.00	\$600.00	\$6.25	\$625.00	\$11.50	\$1,150.00
20	SEEDING, ROAD DITCH MIX TOPSOIL, PLACE 5" THICK (INCLUDING 1" INCORPORATED 3/8 SCREEN 50/50 COMPOST BLEND)	AC	0.10	\$2,000.00	\$200.00	\$5,895.16	\$589.52	\$5,500.00	\$550.00	\$5,600.00	\$560.00	\$10,000.00	\$1,000.00
21	HAULING, MIXING, FURNISHING, AND PLACING 3/8 SCREEN 50/50 COMPOST BLEND (1" THICKNESS)	CY	97.00	\$32.00	\$3,104.00	\$27.74	\$2,690.78	\$33.00	\$3,201.00	\$37.45	\$3,632.65	\$31.50	\$3,055.50
22		CY	18.00	\$15.00	\$270.00	\$9.27	\$166.86	\$33.00	\$594.00	\$37.45	\$674.10	\$31.50	\$567.00
23	TYPE I BEDDING MATERIAL	TON	20.00	\$20.00	\$400.00	\$22.71	\$454.20	\$30.00	\$600.00	\$30.70	\$614.00	\$36.00	\$720.00
24	TYPE II FOUNDATION MATERIAL	TON	20.00	\$22.00	\$440.00	\$19.41	\$388.20	\$50.00	\$1,000.00	\$26.70	\$534.00	\$36.00	\$720.00
25	TYPE III FOUNDATION MATERIAL	TON	20.00	\$24.00	\$480.00	\$23.64	\$472.80	\$50.00	\$1,000.00	\$30.85	\$617.00	\$36.00	\$720.00
26	TYPE IV FOUNDATION MATERIAL	TON	20.00	\$28.00	\$560.00	\$27.38	\$547.60	\$50.00	\$1,000.00	\$34.50	\$690.00	\$39.00	\$780.00
27	CONTROLLED LOW STRENGTH BACKFILL MATERIAL (TRENCH)	CY	20.00	\$135.00	\$2,700.00	\$135.04	\$2,700.80	\$230.00	\$4,600.00	\$190.00	\$3,800.00	\$200.00	\$4,000.00
28	AASHTO T-180 SOIL TEST	EA	2.00	\$165.00	\$330.00	\$188.64	\$377.28	\$200.00	\$400.00	\$200.00	\$400.00	\$200.00	\$400.00
29	REESTABLISH PROPERTY CORNER & POINTS OF CURVATURE	EA	2.00	\$53.00	\$106.00	\$117.90	\$235.80	\$220.00	\$440.00	\$250.00	\$500.00	\$110.00	\$220.00
30	CLEARING & GRUBBING	LS	1.00	\$2,000.00	\$2,000.00	\$1,938.60	\$1,938.60	\$4,500.00	\$4,500.00	\$3,200.00	\$3,200.00	\$1,650.00	\$1,650.00
31	CLEARING & GRUBBING, 6" - 12" TREES	EA	4.00	\$500.00	\$2,000.00	\$292.49	\$1,169.96	\$500.00	\$2,000.00	\$410.00	\$1,640.00	\$715.00	\$2,860.00
32	CLEARING & GRUBBING, 12" - 18" TREES	EA	1.00	\$650.00	\$650.00	\$397.72	\$397.72	\$1,200.00	\$1,200.00	\$600.00	\$600.00	\$1,550.00	\$1,550.00
33	REMOVE GRAVEL SURFACING	SY	114.00	\$2.50	\$285.00	\$3.88	\$442.32	\$11.00	\$1,254.00	\$3.50	\$399.00	\$6.40	\$729.60
34	REMOVE RIP RAP REMOVE CURB, TRIMMED PAVEMENT (INCLUDES CURB & GUTTER, PANS, & FILLETS, ETC.)	SY	7.90	\$2.50	\$19.75	\$21.08	\$166.53	\$35.00	\$276.50	\$25.00	\$197.50	\$46.00	\$363.40
35	REMOVE FIRE HYDRANT AUX. VALVE AND LEAD	EA	1.00	\$692.00	\$692.00	\$472.07	\$472.07	\$15.00	\$397.50	\$27.00	\$715.50	\$28.00	\$742.00
36	REMOVE 24" RCP FLARED END	EA	1.00	\$150.00	\$150.00	\$234.68	\$234.68	\$250.00	\$250.00	\$165.00	\$165.00	\$170.00	\$170.00
38	CONNECT TO EXISTING WATER MAIN	EA	2.00	\$1,730.00	\$3,460.00	\$938.63	\$1,877.26	\$1,500.00	\$3,000.00	\$2,625.00	\$5,250.00	\$2,400.00	\$4,800.00
39	8" PVC WATER MAIN, AWWA C-900, (DR 18)	LF	105.00	\$54.00	\$5,670.00	\$186.26	\$19,557.30	\$150.00	\$15,750.00	\$98.00	\$10,290.00	\$120.00	\$12,600.00
40	6" PVC WATER MAIN, AWWA C-900, (DR 18)	LF	9.00	\$40.00	\$360.00	\$159.70	\$1,437.30	\$60.00	\$540.00	\$87.00	\$783.00	\$110.00	\$990.00
41	8" 22.5 DEGREE BEND	EA	4.00	\$532.00	\$2,128.00	\$469.57	\$1,878.28	\$950.00	\$3,800.00	\$900.00	\$3,600.00	\$885.00	\$3,540.00

42	6" 22.5 DEGREE BEND	EA	1.00	\$500.00	\$500.00	\$390.02	\$390.02	\$750.00	\$750.00	\$815.00	\$815.00	\$650.00	\$650.00
43	8" 11.25 DEGREE BEND, VERTICAL	EA	2.00	\$523.50	\$1,047.00	\$457.70	\$915.40	\$1,000.00	\$2,000.00	\$885.00	\$1,770.00	\$740.00	\$1,480.00
44	8" X 12" REDUCER	EA	1.00	\$750.00	\$750.00	\$609.35	\$609.35	\$1,000.00	\$1,000.00	\$1,000.00	\$1,000.00	\$990.00	\$990.00
45	8"X8"X8" TEE	EA	1.00	\$550.00	\$550.00	\$624.92	\$624.92	\$1,000.00	\$1,000.00	\$1,025.00	\$1,025.00	\$1,650.00	\$1,650.00
46	FIRE HYDRANT WITH AUX. VALVE & LEAD	EA	1.00	\$4,700.00	\$4,700.00	\$5,167.55	\$5,167.55	\$7,000.00	\$7,000.00	\$6,125.00	\$6,125.00	\$8,470.00	\$8,470.00
47	8" GATE VALVE WITH BOX	EA	1.00	\$1,600.00	\$1,600.00	\$1,744.96	\$1,744.96	\$2,400.00	\$2,400.00	\$1,900.00	\$1,900.00	\$2,580.00	\$2,580.00
48	6" TRACER WIRE ACCESS BOX, LARGE	EA	2.00	\$171.50	\$343.00	\$266.86	\$533.72	\$500.00	\$1,000.00	\$200.00	\$400.00	\$450.00	\$900.00
49	WATER MAIN ENCASUREMENT, 8"	LF	42.50	\$50.00	\$2,125.00	\$51.92	\$2,206.60	\$80.00	\$3,400.00	\$67.80	\$2,881.50	\$70.00	\$2,975.00
50	INSULATE WATER MAIN, 8"	SF	340.00	\$6.00	\$2,040.00	\$3.28	\$1,115.20	\$6.00	\$2,040.00	\$7.00	\$2,380.00	\$13.50	\$4,590.00
51	CONNECT TO EXISTING STORM SEWER	EA	1.00	\$750.00	\$750.00	\$258.48	\$258.48	\$2,000.00	\$2,000.00	\$850.00	\$850.00	\$800.00	\$800.00
52	TYPE "E" INLET (CITY STANDARD DETAIL 62-1), 10"	EA	1.00	\$7,860.00	\$7,860.00	\$7,878.17	\$7,878.17	\$11,000.00	\$11,000.00	\$12,385.00	\$12,385.00	\$11,000.00	\$11,000.00
53	TYPE SPECIAL "B" INLET WITH VANED GATE (CITY STANDARD DETAIL 62-5)	EA	1.00	\$3,826.00	\$3,826.00	\$3,767.51	\$3,767.51	\$6,000.00	\$6,000.00	\$6,970.00	\$6,970.00	\$6,000.00	\$6,000.00
54	30" RCP STORM SEWER, CLASS III	LF	57.60	\$75.00	\$4,320.00	\$107.20	\$6,174.72	\$150.00	\$8,640.00	\$145.00	\$8,352.00	\$120.00	\$6,912.00
55	24" RCP STORM SEWER, CLASS III	LF	29.10	\$64.00	\$1,862.40	\$89.76	\$2,612.02	\$100.00	\$2,910.00	\$155.00	\$4,510.50	\$115.00	\$3,346.50
56	30" RCP 45 DEG BEND, CLASS III	EA	1.00	\$750.00	\$750.00	\$1,263.19	\$1,263.19	\$1,600.00	\$1,600.00	\$1,950.00	\$1,950.00	\$1,700.00	\$1,700.00
57	12" WIDE BY 6" HIGH BOX CULVERT (CITY STANDARD DETAIL 62-1) WITH WING WALLS, COMPLETE (INCLUDES FENCE, CUTOFF WALLS, 30"	LF	72.00	\$1,000.00	\$72,000.00	\$1,004.91	\$72,353.52	\$1,000.00	\$72,000.00	\$1,032.00	\$74,304.00	\$1,035.00	\$74,520.00
58	RIP RAP, CLASS IV W/ FABRIC	CY	181.00	\$100.00	\$18,100.00	\$78.71	\$14,246.51	\$100.00	\$18,100.00	\$112.00	\$20,272.00	\$140.00	\$25,340.00
59	6" DIAMETER PIPE UNDERDRAIN (DETAIL 64-1)	LF	145.20	\$9.25	\$1,343.10	\$12.80	\$1,858.56	\$15.00	\$2,178.00	\$29.50	\$4,283.40	\$18.75	\$2,722.50
60	6" DIAMETER PIPE UNDERDRAIN WITH STORM SEWER	LF	47.50	\$9.50	\$451.25	\$12.80	\$608.00	\$15.00	\$712.50	\$27.50	\$1,306.25	\$18.75	\$690.63
61	EDGE DRAIN CONNECTION TO INLETS, PER INLET	EA	4.00	\$150.00	\$600.00	\$197.26	\$789.04	\$250.00	\$1,000.00	\$95.00	\$380.00	\$35.00	\$140.00
62	ACC PAVING MOBILIZATIONS	EA	1.00	\$2,350.00	\$2,350.00	\$1,473.79	\$1,473.79	\$1,400.00	\$1,400.00	\$1,550.00	\$1,550.00	\$1,100.00	\$1,100.00
63	ASPHALT CONCRETE, CLASS G, TYPE 1, PG64-28	TON	85.00	\$132.00	\$11,220.00	\$176.86	\$15,033.10	\$165.00	\$14,025.00	\$185.00	\$15,725.00	\$140.00	\$11,900.00
64	AGGREGATE BASE COURSE, 3/4"	TON	125.00	\$22.00	\$2,750.00	\$19.01	\$2,376.25	\$30.00	\$3,750.00	\$46.00	\$5,750.00	\$45.00	\$5,625.00

66	TYPE B86 CURB AND GUTTER	LF	206.00	\$22.00	\$4,532.00	\$22.53	\$4,641.18	\$24.00	\$4,944.00	\$31.00	\$6,386.00	\$25.50	\$5,253.00
67	8' WIDE CONCRETE V-PAN	SY	8.90	\$90.00	\$801.00	\$79.41	\$706.75	\$85.00	\$756.50	\$97.40	\$866.86	\$118.00	\$1,050.20
68	PCC SIDEWALK, 4' NONREINFORCED	SF	1,006.00	\$5.75	\$5,784.50	\$6.45	\$6,488.70	\$6.00	\$6,036.00	\$8.70	\$8,752.20	\$6.50	\$6,539.00
69	WOVEN GEOTEXTILE SUBGRADE REINFORCEMENT	SY	385.00	\$2.75	\$1,058.75	\$3.43	\$1,320.55	\$4.00	\$1,540.00	\$4.20	\$1,617.00	\$8.25	\$3,176.25
70	GEOGRID SUBGRADE REINFORCEMENT	SY	385.00	\$2.75	\$1,058.75	\$3.54	\$1,362.90	\$4.00	\$1,540.00	\$3.75	\$1,443.75	\$8.50	\$3,272.50
71	SIGN POST, 2' X 2' TUBE	EA	1.00	\$168.75	\$168.75	\$176.86	\$176.86	\$165.00	\$165.00	\$185.00	\$185.00	\$158.00	\$158.00
72	REGULATORY SIGN, R1-1 (STOP)	EA	1.00	\$148.00	\$148.00	\$123.80	\$123.80	\$115.00	\$115.00	\$130.00	\$130.00	\$110.00	\$110.00
73	REGULATORY SIGN, D3 (STREET NAME) - HANOVER DR.	EA	2.00	\$135.50	\$271.00	\$176.86	\$353.72	\$100.00	\$200.00	\$93.00	\$186.00	\$79.00	\$158.00
74	REGULATORY SIGN, D3 (STREET NAME) - PARKVIEW DR.	EA	2.00	\$135.50	\$271.00	\$176.86	\$353.72	\$100.00	\$200.00	\$93.00	\$186.00	\$79.00	\$158.00
75	TEMPORARY STABILIZATION (HYDROMULCH SEEDING)	SY	600.00	\$1.75	\$1,050.00	\$1.27	\$762.00	\$1.10	\$660.00	\$1.20	\$720.00	\$1.05	\$630.00
TOTAL													
					\$262,000.00		\$289,832.93		\$352,338.80		\$356,408.92		\$389,634.04

CONSULTANT

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

Paul Kraft
 Paul Kraft, PE
 Longbranch Civil Engineering, Inc.
 Date 8-1-19

CITY OF RAPID CITY

Reviewed by:
Brandon Quiett
 Brandon Quiett, PE
 Date 7/31/19