

BID AWARD SUMMARY

LETTING DATE: JANUARY 11, 2022

PROJECT: St. Cloud Reconstruction Project - 5th Street to Highland Court
Project No. 19-2487 / CIP No. 51036

RECOMMENDATION: Award Total Bid in the amount of \$4,178,147.03 to R.C.S Construction, Inc. at the February 7, 2022 Council Meeting.

BIDDERS' SUMMARY

CONTRACTORS

TOTAL BID

R.C.S. Construction, Inc.	\$4,178,147.03
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City staff recommends awarding this project to R.C.S. Construction, Inc. for the total bid amount of \$4,178,147.03 based on unit pricing with the following appropriation:

FUNDING SOURCE	TOTAL	WASTEWATER ENTERPRISE	WATER ENTERPRISE	STREETS	STREETS - DRAINAGE
ADVERTISING AUTHORITY	\$3,400,000.00	\$130,000.00	\$610,000.00	\$2,500,000.00	\$160,000.00
ENGINEER'S ESTIMATE	\$3,392,000.00				

APPROPRIATION DATA:

FUNDING SOURCE	TOTAL	WASTEWATER ENTERPRISE	WATER ENTERPRISE	STREETS	STREETS - DRAINAGE
COST CENTER		833	933	8910	8911
LINE ITEM		4380	4381	4730	4371
FUNDING CENTER		604	602	505	505
BID AMOUNT	\$4,178,147.03	\$170,507.48	\$808,909.29	\$2,998,307.80	\$200,422.46

PROJECT MANAGER:

 for

Doug Noyes, PE
City of Rapid City

DATE:

2/2/2022

**PROJECT NAME: ST. CLOUD STREET RECONSTRUCTION PROJECT
5TH STREET TO HIGHLAND COURT
PROJECT NUMBER: PROJECT NO. 19-2487 / CIP NO. 51036**

LET DATE: JANUARY 11, 2022

LOW BID AMOUNT: \$4,178,147.03

ITEM NO.	STD. BID ITEM NO.	DESCRIPTION OF ITEM	UNIT	QTY (EST)	ENGINEER'S ESTIMATE		R.C.S. CONSTRUCTION, INC.	
					UNIT COST	TOTAL COST	UNIT COST	TOTAL COST
1		MOBILIZATION	LS	1.00	\$131,921.75	\$131,921.75	\$296,247.83	\$296,247.83
2		INCIDENTAL WORK	LS	1.00	\$100,000.00	\$100,000.00	\$195,987.25	\$195,987.25
3		CONSTRUCTION STAKING	LS	1.00	\$25,000.00	\$25,000.00	\$41,881.46	\$41,881.46
4		TRAFFIC CONTROL, MISC.	LS	1.00	\$12,000.00	\$12,000.00	\$6,967.01	\$6,967.01
5		TRAFFIC CONTROL SIGNS	SF	117.00	\$7.00	\$819.00	\$20.90	\$2,445.30
6		DETOUR SIGNING	SF	30.00	\$7.00	\$210.00	\$34.84	\$1,045.20
7		TYPE 3 BARRICADE, 8' SINGLE SIDDED	EA	6.00	\$120.00	\$720.00	\$139.34	\$836.04
8		CONSTRUCTION ENTRANCE - VEHICLE TRACKING CONTROL (VTC) (REPAIR/MAINTENANCE OF INSTALLED VTC IS INCIDENTAL)	EA	6.00	\$850.00	\$5,100.00	\$2,114.89	\$12,689.34
9		GRAVEL FILTER SOCKS (FINAL REMOVAL INCIDENTAL TO INSTALLATION)	LF	108.00	\$7.00	\$756.00	\$4.88	\$527.04
10		REMOVE & RESET GRAVEL FILTER SOCKS	LF	72.00	\$4.00	\$288.00	\$1.39	\$100.08
11		SEDIMENT CONROL WATTLE (SCW), 9" DIAMETER (FINAL REMOVAL INCIDENTAL TO INSTALLATION)	LF	2,687.00	\$3.00	\$8,061.00	\$5.57	\$14,966.59
12		REMOVE & RESET SEDIMENT CONTROL WATTLE	LF	925.00	\$1.75	\$1,618.75	\$2.43	\$2,247.75
13		INLET PROTECTION DEVICE (IP) (FINAL REMOVAL INCIDENTAL TO INSTALLATION)	EA	17.00	\$112.00	\$1,904.00	\$132.37	\$2,250.29
14		REMOVE & RESET INLET PROTECTION DEVICE (IP)	EA	1.00	\$25.00	\$25.00	\$34.84	\$34.84

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					UNIT COST	TOTAL COST	UNIT COST	TOTAL COST
15		REMOVE AND RESET RAPID CITY BENCHMARK	EA	1.00	\$4,500.00	\$4,500.00	\$2,481.33	\$2,481.33
16		TEMPORARY GRAVEL SURFACING, BASE COURSE	TON	1,350.00	\$35.00	\$47,250.00	\$30.85	\$41,647.50
17		SWEEPING (FOR EROSION SEDIMENT CONTROL PURPOSES, AT DISCRETION OF ENGINEER)	HR	8.00	\$300.00	\$2,400.00	\$180.07	\$1,440.56
18		UNCLASSIFIED EXCAVATION	CY	7,660.00	\$12.00	\$91,920.00	\$11.17	\$85,562.20
19		UNDERCUT	CY	2,750.00	\$8.00	\$22,000.00	\$12.62	\$34,705.00
20		IMPORTED BACKFILL MATERIAL (TRENCH)	CY	250.00	\$18.00	\$4,500.00	\$22.81	\$5,702.50
21		IMPORTED BACKFILL MATERIAL (GRADING)	CY	150.00	\$18.00	\$2,700.00	\$19.96	\$2,994.00
22		IMPORTED GRANDULAR BACKFILL MATERIAL FOR RETAINING WALL - BEHIND WALL AND BELOW FOOTING (3/4" LIMESTONE BASE COURSE)	TON	5,500.00	\$35.00	\$192,500.00	\$34.44	\$189,420.00
23		SODDING	SY	2,110.00	\$6.50	\$13,715.00	\$8.57	\$18,082.70
24		SEEDING (ROAD DITCH MIX) - HYDROMULCH WITH BROADCAST SEEDING	AC	0.70	\$5,000.00	\$3,500.00	\$7,106.34	\$4,974.44
25		TYPE 2 EROSION CONTROL BLANKET	SY	3,464.00	\$3.00	\$10,392.00	\$2.30	\$7,967.20
26		TOPSOIL, PLACE 5" THICK (INCLUDING 1" INCORPORATED 3/8 SCREEN 50/50 COMPOST BLEND)	CY	542.00	\$26.00	\$14,092.00	\$32.10	\$17,398.20
27		TYPE I BEDDING MATERIAL	TON	300.00	\$25.00	\$7,500.00	\$28.21	\$8,463.00
28		TYPE II FOUNDATION MATERIAL	TON	300.00	\$27.00	\$8,100.00	\$32.60	\$9,780.00

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LOW BID AMOUNT: \$4,178,147.03**

ITEM NO.	STD. BID ITEM NO.	DESCRIPTION OF ITEM	UNIT	QTY (EST)	ENGINEER'S ESTIMATE		R.C.S. CONSTRUCTION, INC.	
					UNIT COST	TOTAL COST	UNIT COST	TOTAL COST
29		TYPE III FOUNDATION MATERIAL	TON	100.00	\$29.00	\$2,900.00	\$36.25	\$3,625.00
30		TYPE IV FOUNDATION MATERIAL	TON	100.00	\$35.00	\$3,500.00	\$39.90	\$3,990.00
31		CONTROLLED LOW STRENGTH BACKFILL MATERIAL (TRENCH)	CY	80.00	\$135.00	\$10,800.00	\$178.20	\$14,256.00
32		AASHTO T-180 SOIL TEST	EA	6.00	\$165.00	\$990.00	\$243.85	\$1,463.10
33		REESTABLISH PROPERTY CORNER & POINTS OF CURVATURE	EA	10.00	\$53.00	\$530.00	\$74.20	\$742.00
34		CLEARING & GRUBBING	LS	1.00	\$12,000.00	\$12,000.00	\$7,636.91	\$7,636.91
35		CLEARING & GRUBBING, 6" - 12" TREES	EA	11.00	\$500.00	\$5,500.00	\$349.69	\$3,846.59
36		CLEARING & GRUBBING, 12" - 18" TREES	EA	1.00	\$750.00	\$750.00	\$619.00	\$619.00
37		CLEARING & GRUBBING, STUMP	EA	4.00	\$500.00	\$2,000.00	\$502.43	\$2,009.72
38		REMOVE VARIABLE HEIGHT RETAINING WALL	LF	150.00	\$15.00	\$2,250.00	\$15.28	\$2,292.00
39		REMOVE GRAVEL ROAD	SY	83.00	\$2.75	\$228.25	\$4.95	\$410.85
40		REMOVE EXISTING W-BEAM GUARD RAIL	LF	180.00	\$3.75	\$675.00	\$6.97	\$1,254.60
41		REMOVE EXISTING CABLE GUARD RAIL	LF	976.00	\$3.50	\$3,416.00	\$4.18	\$4,079.68
42		REMOVE CONCRETE/ASPHALT PAVEMENT (INCLUDES CURB & GUTTER, PANS, & FILLETS, ETC.)	SY	6,822.00	\$10.00	\$68,220.00	\$5.97	\$40,727.34

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43		REMOVE PCC DRIVEWAY AND APPROACH PAVEMENT	SY	110.00	\$10.00	\$1,100.00	\$6.28	\$690.80
44		REMOVE ACC DRIVEWAY	SY	96.00	\$5.50	\$528.00	\$6.28	\$602.88
45		REMOVE GRAVEL DRIVEWAY	SY	618.00	\$2.50	\$1,545.00	\$4.95	\$3,059.10
46		REMOVE PCC SIDEWALK AND STEPS	SY	610.00	\$4.00	\$2,440.00	\$7.13	\$4,349.30
47		REMOVE AND RESET CHAIN LINK FENCE AND GATE	LF	365.00	\$7.50	\$2,737.50	\$27.87	\$10,172.55
48		REMOVE AND RESET WIRE FENCE	LF	161.00	\$5.00	\$805.00	\$6.97	\$1,122.17
49		REMOVE AND RESET MAILBOX	EA	2.00	\$275.00	\$550.00	\$460.23	\$920.46
50		REMOVE CURB STOP AND BOX	EA	12.00	\$91.50	\$1,098.00	\$277.34	\$3,328.08
51		REMOVE AND RE-LOCATE SHED	EA	1.00	\$1,500.00	\$1,500.00	\$8,286.72	\$8,286.72
52		REMOVE WOOD STEPS	SF	23.00	\$2.00	\$46.00	\$15.28	\$351.44
53		REMOVE SANITARY SEWER MANHOLE	EA	5.00	\$700.00	\$3,500.00	\$1,069.16	\$5,345.80
54		REMOVE FIRE HYDRANT AUX. VALVE AND LEAD	EA	1.00	\$625.00	\$625.00	\$619.00	\$619.00
55		REMOVE TYPE "E" DROP INLET	EA	2.00	\$700.00	\$1,400.00	\$1,069.16	\$2,138.32
56		REMOVE TYPE "B" INLET FRAME AND GRATE	EA	2.00	\$400.00	\$800.00	\$924.47	\$1,848.94

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57		REMOVE 18" RCP	LF	30.00	\$16.00	\$480.00	\$15.28	\$458.40
58		REMOVE TRAFFIC COUNT DETECTOR BOX	EA	1.00	\$250.00	\$250.00	\$1,393.40	\$1,393.40
59		REMOVE ELECTRIC METER TO TRAFFIC COUNT DETECTOR BOX	EA	1.00	\$500.00	\$500.00	\$2,786.80	\$2,786.80
60		SANITARY SEWER BYPASS PUMPING	LS	1.00	\$1,500.00	\$1,500.00	\$12,895.67	\$12,895.67
61		CONNECT TO EXISTING SEWER MAIN	EA	2.00	\$750.00	\$1,500.00	\$1,895.83	\$3,791.66
62		CONNECT TO EXISTING SEWER MANHOLE	EA	3.00	\$1,250.00	\$3,750.00	\$1,895.83	\$5,687.49
63		STANDARD MANHOLE, 48" DIA. (0'-6")	EA	5.00	\$6,000.00	\$30,000.00	\$5,329.14	\$26,645.70
64		TERMINATION MANHOLE, 48" DIA. (0'-6")	EA	1.00	\$6,000.00	\$6,000.00	\$5,183.09	\$5,183.09
65		EXTRA MANHOLE DEPTH, 48" DIA.	VF	13.10	\$330.00	\$4,323.00	\$540.68	\$7,082.91
66		ADJUST EXISTING MANHOLE, 48" DIA. (INCLUDES LOCKING LID)	EA	1.00	\$800.00	\$800.00	\$2,149.05	\$2,149.05
67		8" PVC SEWER MAIN, SDR-35 (0'-4')	LF	24.00	\$80.00	\$1,920.00	\$81.09	\$1,946.16
68		8" PVC SEWER MAIN, SDR-35 (4'-6')	LF	152.00	\$90.00	\$13,680.00	\$84.62	\$12,862.24
69		8" PVC SEWER MAIN, SDR-35 (6'-8')	LF	173.00	\$100.00	\$17,300.00	\$89.86	\$15,545.78
70		8" PVC SEWER MAIN, SDR-35 (8'-10')	LF	21.00	\$110.00	\$2,310.00	\$126.15	\$2,649.15

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71		8" PVC SEWER MAIN, SDR-35 (10'-12')	LF	71.00	\$112.00	\$7,952.00	\$121.50	\$8,626.50
72		8" PVC CAP	EA	1.00	\$75.00	\$75.00	\$297.25	\$297.25
73		4" PVC SANITARY SEWER SERVICE CLEANOUT	EA	5.00	\$235.00	\$1,175.00	\$348.17	\$1,740.85
74		RECONNECT SANITARY SEWER SERVICE	EA	5.00	\$280.00	\$1,400.00	\$576.79	\$2,883.95
75		4" PVC SANITARY SEWER SERVICE LINE	LF	124.00	\$28.00	\$3,472.00	\$102.20	\$12,672.80
76		SEWER MAIN INSULATION (CITY DETAIL 11-1)	SF	740.00	\$4.50	\$3,330.00	\$10.49	\$7,762.60
77		CONNECT TO EXISTING 12" WATER MAIN	EA	1.00	\$1,200.00	\$1,200.00	\$2,260.93	\$2,260.93
78		CONNECT TO EXISTING 8" WATER MAIN	EA	4.00	\$800.00	\$3,200.00	\$2,041.87	\$8,167.48
79		CONNECT TO EXISTING 6" WATER MAIN	EA	3.00	\$750.00	\$2,250.00	\$1,895.83	\$5,687.49
80		12" PVC WATER MAIN, AWWA C-900, (DR 18), RESTRAINED JOINT WATER MAIN	LF	1,750.00	\$125.00	\$218,750.00	\$158.19	\$276,832.50
81		8" PVC WATER MAIN, AWWA C-900, (DR 18), RESTRAINED JOINT WATER MAIN	LF	660.00	\$85.00	\$56,100.00	\$103.52	\$68,323.20
82		6" PVC WATER MAIN, AWWA C-900, (DR 18)	LF	155.00	\$75.00	\$11,625.00	\$111.06	\$17,214.30
83		4" PVC WATER MAIN, AWWA C-900, (DR-18)	LF	54.00	\$75.00	\$4,050.00	\$99.12	\$5,352.48
84		12"X12"X12" TEE	EA	4.00	\$1,450.00	\$5,800.00	\$1,625.03	\$6,500.12

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					UNIT COST	TOTAL COST	UNIT COST	TOTAL COST
85		12"X8"X12" TEE	EA	3.00	\$1,200.00	\$3,600.00	\$1,344.83	\$4,034.49
86		12"X6"X12" TEE	EA	3.00	\$1,100.00	\$3,300.00	\$1,234.79	\$3,704.37
87		12"X4"X12" TEE	EA	2.00	\$1,000.00	\$2,000.00	\$1,167.29	\$2,334.58
88		8"X8"X8" TEE	EA	1.00	\$1,200.00	\$1,200.00	\$929.96	\$929.96
89		8"X6"X8" TEE	EA	4.00	\$1,000.00	\$4,000.00	\$839.45	\$3,357.80
90		12"X8" REDUCER	EA	3.00	\$650.00	\$1,950.00	\$788.16	\$2,364.48
91		12"X6" REDUCER	EA	2.00	\$650.00	\$1,300.00	\$789.05	\$1,578.10
92		8"X6" REDUCER	EA	3.00	\$550.00	\$1,650.00	\$571.36	\$1,714.08
93		12" GATE VALVE WITH BOX	EA	10.00	\$4,000.00	\$40,000.00	\$4,347.84	\$43,478.40
94		8" GATE VALVE WITH BOX	EA	6.00	\$2,500.00	\$15,000.00	\$2,566.28	\$15,397.68
95		6" GATE VALVE WITH BOX	EA	1.00	\$2,000.00	\$2,000.00	\$1,731.61	\$1,731.61
96		4" GATE VALVE WITH BOX	EA	2.00	\$1,360.00	\$2,720.00	\$1,507.26	\$3,014.52
97		12" CAP	EA	1.00	\$1,000.00	\$1,000.00	\$643.15	\$643.15
98		8" CAP	EA	1.00	\$800.00	\$800.00	\$459.12	\$459.12

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99		12" 45 DEGREE BEND	EA	3.00	\$1,000.00	\$3,000.00	\$1,059.11	\$3,177.33
100		12" 22.5 DEGREE BEND	EA	5.00	\$1,000.00	\$5,000.00	\$1,004.53	\$5,022.65
101		12" 11.25 DEGREE BEND	EA	12.00	\$1,000.00	\$12,000.00	\$976.62	\$11,719.44
102		12" HIGH DEFLECTION COUPLING	EA	5.00	\$550.00	\$2,750.00	\$1,365.46	\$6,827.30
103		8" 90 DEGREE BEND	EA	1.00	\$1,000.00	\$1,000.00	\$703.11	\$703.11
104		8" 45 DEGREE BEND	EA	1.00	\$750.00	\$750.00	\$654.89	\$654.89
105		8" 22.5 DEGREE BEND	EA	2.00	\$750.00	\$1,500.00	\$650.44	\$1,300.88
106		8" 11.25 DEGREE BEND	EA	5.00	\$750.00	\$3,750.00	\$631.42	\$3,157.10
107		8" HIGH DEFLECTION COUPLING	EA	5.00	\$750.00	\$3,750.00	\$980.84	\$4,904.20
108		FIRE HYDRANT WITH AUX. VALVE & LEAD	EA	7.00	\$6,250.00	\$43,750.00	\$7,477.39	\$52,341.73
109		TRACER WIRE ACCESS BOX, LARGE	EA	5.00	\$200.00	\$1,000.00	\$592.57	\$2,962.85
110		TRACER WIRE ACCESS BOX, SMALL	EA	10.00	\$175.00	\$1,750.00	\$970.52	\$9,705.20
111		6" WATER SERVICE RECONNECTION	EA	2.00	\$220.00	\$440.00	\$540.62	\$1,081.24
112		4" WATER SERVICE RECONNECTION	EA	2.00	\$220.00	\$440.00	\$500.42	\$1,000.84

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113		1" WATER SERVICE RECONNECTION	EA	12.00	\$175.00	\$2,100.00	\$460.23	\$5,522.76
114		1" TAPPING SADDLE	EA	12.00	\$400.00	\$4,800.00	\$418.12	\$5,017.44
115		1" CURB STOP AND BOX	EA	12.00	\$550.00	\$6,600.00	\$623.79	\$7,485.48
116		1" COPPER WATER SERVICE	LF	408.00	\$65.00	\$26,520.00	\$98.92	\$40,359.36
117		WATER MAIN ENCASEMENT, 12"	LF	98.00	\$45.00	\$4,410.00	\$70.34	\$6,893.32
118		WATER MAIN ENCASEMENT, 8"	LF	16.00	\$42.00	\$672.00	\$70.34	\$1,125.44
119		CATHODIC CONTROL TEST STATION	EA	7.00	\$310.00	\$2,170.00	\$620.40	\$4,342.80
120		CONNECT TO EXISTING STORM SEWER	EA	6.00	\$750.00	\$4,500.00	\$984.09	\$5,904.54
121		CORE 12" STORM SEWER INTO EXISTING INLET (INCLUDES CORE FOR 6" UNDERDRAIN)	EA	1.00	\$1,200.00	\$1,200.00	\$677.27	\$677.27
122		TYPE "E" INLET (CITY STANDARD DETAIL 62-1), 10'	EA	2.00	\$9,000.00	\$18,000.00	\$10,770.00	\$21,540.00
123		TYPE "B" INLET WITH VANED GRATE (CITY STANDARD DETAIL 62-5)	EA	5.00	\$3,825.00	\$19,125.00	\$3,270.48	\$16,352.40
124		TYPE "B" INLET WITH NEENAH R-3067-C FRAME AND GRATE	EA	3.00	\$3,825.00	\$11,475.00	\$3,343.50	\$10,030.50
125		TYPE "B" INLET WITH NEENAH R-3246-AM FRAME AND GRATE	EA	1.00	\$3,825.00	\$3,825.00	\$4,365.77	\$4,365.77
126		MODIFIED EXISTING B INLET AND INSTALL NEENAH 3067-C FRAME AND GRATE	EA	1.00	\$1,500.00	\$1,500.00	\$4,092.18	\$4,092.18

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LET DATE: JANUARY 11, 2022
LOW BID AMOUNT: \$4,178,147.03**

ITEM NO.	STD. BID ITEM NO.	DESCRIPTION OF ITEM	UNIT	QTY (EST)	ENGINEER'S ESTIMATE		R.C.S. CONSTRUCTION, INC.	
					UNIT COST	TOTAL COST	UNIT COST	TOTAL COST
127		18" RCP STORM SEWER, CLASS III	LF	46.00	\$100.00	\$4,600.00	\$136.74	\$6,290.04
128		18" POLYPROPYLENE STORM SEWER, WATERTIGHT (HP STORM OR EQUIV.)	LF	116.00	\$110.00	\$12,760.00	\$124.54	\$14,446.64
129		12" PVC STORM SEWER SDR-35 (GREEN)	LF	743.50	\$80.00	\$59,480.00	\$95.12	\$70,721.72
130		2" DIA. SDR-21 PIPE	LF	20.00	\$30.00	\$600.00	\$20.10	\$402.00
131		1 1/4" DIA. SDR-21 PIPE	LF	20.00	\$30.00	\$600.00	\$18.96	\$379.20
132		18"X18"X18" RCP TEE	EA	1.00	\$1,275.00	\$1,275.00	\$1,631.88	\$1,631.88
133		12" PVC STORM SEWER, 90 DEG BEND	EA	1.00	\$275.00	\$275.00	\$833.17	\$833.17
134		12" PVC STORM SEWER, 45 DEG BEND	EA	2.00	\$275.00	\$550.00	\$695.96	\$1,391.92
135		12" PVC STORM SEWER, 22.5 DEG BEND	EA	1.00	\$275.00	\$275.00	\$675.81	\$675.81
136		6" DIAMETER PIPE UNDERDRAIN (DETAIL 64-1), BEHIND CURB	LF	1,882.00	\$20.00	\$37,640.00	\$24.45	\$46,014.90
137		6" DIAMETER PIPE UNDERDRAIN (DETAIL 64-1), LIP OF GUTTER	LF	993.00	\$20.00	\$19,860.00	\$24.45	\$24,278.85
138		6" DIAMETER PIPE UNDERDRAIN CLEAN-OUT	EA	4.00	\$535.00	\$2,140.00	\$473.14	\$1,892.56
139		EDGE DRAIN CONNECTION TO INLETS AND EXISTING EDGE DRAIN, PER CONNECTION	EA	18.00	\$150.00	\$2,700.00	\$460.23	\$8,284.14
140		CLEAN OUT CASTING (NEENAH R-1975-A OR APPROVED EQUAL) FOR CLEANOUTS AND CURB STOPS LOCATED IN HARD SURFACING	EA	11.00	\$150.00	\$1,650.00	\$485.47	\$5,340.17

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					UNIT COST	TOTAL COST	UNIT COST	TOTAL COST
141		ACC PAVING MOBILIZATIONS	EA	3.00	\$2,350.00	\$7,050.00	\$2,647.46	\$7,942.38
142		ASPHALT CONCRETE, CLASS G, TYPE 1, PG64-28	TON	1,059.00	\$110.00	\$116,490.00	\$131.32	\$139,067.88
143		ASPHALT CONCRETE, CLASS G, TYPE 2, PG64-28	TON	706.00	\$110.00	\$77,660.00	\$145.61	\$102,800.66
144		ACC DRIVEWAY PAVEMENT, CLASS G, TYPE 1, 5" THICK	TON	20.00	\$115.00	\$2,300.00	\$397.12	\$7,942.40
145		AGGREGATE BASE COURSE (STREETS, DRIVEWAYS, APPROACHES)	TON	4,100.00	\$35.00	\$143,500.00	\$32.09	\$131,569.00
146		PCC PAVEMENT, 8" NON REINFORCED PANEL REPLACEMENT W/ DOWELS	SY	91.00	\$120.00	\$10,920.00	\$198.59	\$18,071.69
147		PCC FILLET AND PAN (REINFORCED), 8"	SY	102.40	\$140.00	\$14,336.00	\$141.23	\$14,461.95
148		PCC FILLET AND PAN (REINFORCED), 6"	SY	40.80	\$125.00	\$5,100.00	\$128.89	\$5,258.71
149		PCC, ADA CROSSWALK WITH TRANSITION PAVEMENT (REINFORCED), 8"	SY	83.10	\$140.00	\$11,634.00	\$141.23	\$11,736.21
150		PCC PAN (REINFORCED), 6"	SY	200.70	\$100.00	\$20,070.00	\$128.89	\$25,868.22
151		TYPE B68 CURB AND GUTTER	LF	11.00	\$35.00	\$385.00	\$37.44	\$411.84
152		TYPE B66 CURB AND GUTTER	LF	2,024.00	\$35.00	\$70,840.00	\$31.32	\$63,391.68
153		TYPE BL66 CURB AND GUTTER	LF	56.00	\$35.00	\$1,960.00	\$37.44	\$2,096.64
154		TYPE P6 CURB AND GUTTER	LF	295.00	\$35.00	\$10,325.00	\$33.09	\$9,761.55

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					UNIT COST	TOTAL COST	UNIT COST	TOTAL COST
155		PCC DRIVEWAY APPROACH PAVEMENT, 6" REINFORCED	SY	49.00	\$100.00	\$4,900.00	\$129.32	\$6,336.68
156		PCC DRIVEWAY APPROACH PAVEMENT, 6" NON REINFORCED (VARIABLE SLOPE)	SY	146.00	\$95.00	\$13,870.00	\$108.81	\$15,886.26
157		PCC DRIVEWAY PAVEMENT, 6" REINFORCED	SY	99.00	\$110.00	\$10,890.00	\$129.94	\$12,864.06
158		PCC DRIVEWAY PAVEMENT, 6" NON REINFORCED	SY	270.00	\$100.00	\$27,000.00	\$106.61	\$28,784.70
159		GRAVEL DRIVEWAY, 6" THICK, CRUSHED LIMESTONE LEDGEROCK BASE COURSE	SY	422.00	\$7.50	\$3,165.00	\$25.17	\$10,621.74
160		PCC SIDEWALK, 4" NONREINFORCED (INCLUDES CONCRETE BETWEEN CURB AND GUTTER AND RETAINING WALL)	SF	6,862.00	\$7.00	\$48,034.00	\$9.08	\$62,306.96
161		PCC, 6" TO 9" CURB HEAD ALONG SIDEWALK, REINFORCED (SIDEWALK BID SEPARATELY)	LF	271.00	\$20.00	\$5,420.00	\$21.61	\$5,856.31
162		TYPE "C" RETAINING WALL (0'-4' TALL) (SIDEWALK BID SEPARATELY)	LF	334.50	\$110.00	\$36,795.00	\$95.85	\$32,061.83
163		DETECTABLE WARNING PANNEL	SF	70.00	\$45.00	\$3,150.00	\$89.09	\$6,236.30
164		PCC WALL AT DRIVEWAYS (0' TO 4'), INCLUDES EXCAVATION AND ALL ACCESSORY ITEMS (CLEAN ROCK, DRAINS, STEP TRANS., FABRIC, ETC.)	LF	201.00	\$350.00	\$70,350.00	\$146.25	\$29,396.25
165		CLASS A - W BEAM GUARDRAIL WITH POSTS AND END TREATMENTS	LF	1,235.00	\$40.00	\$49,400.00	\$76.63	\$94,638.05
166		WOVEN GEOTEXTILE SUBGRADE REINFORCEMENT	SY	1,000.00	\$5.00	\$5,000.00	\$5.04	\$5,040.00
167		GEOGRID SUBGRADE REINFORCEMENT	SY	8,000.00	\$3.25	\$26,000.00	\$5.40	\$43,200.00
168		SIGN POST, 2" X 2" TUBE	EA	7.00	\$170.00	\$1,190.00	\$243.85	\$1,706.95

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					UNIT COST	TOTAL COST	UNIT COST	TOTAL COST
169		REGULATORY SIGN , R1-1 (STOP)	EA	1.00	\$150.00	\$150.00	\$209.01	\$209.01
170		REGULATORY SIGN , R61-7(CA)	EA	1.00	\$225.00	\$225.00	\$209.01	\$209.01
171		REGULATORY SIGN , W1-6 (RIGHT ARROW)	EA	1.00	\$225.00	\$225.00	\$209.01	\$209.01
172		REGULATORY SIGN , W1-6 (LEFT ARROW)	EA	1.00	\$225.00	\$225.00	\$209.01	\$209.01
173		REGULATOR SIGN, R2-1 (15 MPH)	EA	2.00	\$150.00	\$300.00	\$209.01	\$418.02
174		REGULATORY SIGN , D3 (ST. CLOUD STREET)	EA	2.00	\$135.50	\$271.00	\$209.01	\$418.02
175		REGULATORY SIGN , D3 (5TH STREET)	EA	2.00	\$135.50	\$271.00	\$209.01	\$418.02
176		REGULATORY SIGN , D3 (ST. PAUL STREET)	EA	2.00	\$135.50	\$271.00	\$209.01	\$418.02
177		REGULATORY SIGN , D3 (3RD STREET)	EA	2.00	\$135.50	\$271.00	\$209.01	\$418.02
178		RED DIAMOND SIGN WITH POST	EA	2.00	\$75.00	\$150.00	\$209.01	\$418.02
179		REMOVE AND RESET, R1-1 WITH D3/D3 PLATES	EA	1.00	\$225.00	\$225.00	\$209.01	\$209.01
180		REMOVE AND RESET "BUS STOP" SIGN ASSEMBLY WITH POST	EA	1.00	\$175.00	\$175.00	\$209.01	\$209.01
181		REMOVE AND RESET "R2-1" SIGN ASSEMBLY WITH POST	EA	1.00	\$175.00	\$175.00	\$209.01	\$209.01
182		REMOVE AND RESET "R8-3" SIGN ASSEMBLY WITH POST	EA	2.00	\$175.00	\$350.00	\$209.01	\$418.02

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183		LINE PAINTING, 4" YELLOW (DOUBLE YELLOW, SOLID)	LF	1,667.00	\$3.75	\$6,251.25	\$0.41	\$683.47
184		LINE PAINTING, 4" WHITE (SINGLE WHITE, SOLID)	LF	70.00	\$3.75	\$262.50	\$0.41	\$28.70
185		CROSSWALK PAINTING, 24" WHITE	SF	160.00	\$15.00	\$2,400.00	\$4.18	\$668.80
186		DIRECTIONAL ARROW PAINTING	SF	120.00	\$20.00	\$2,400.00	\$4.18	\$501.60
187		PCC WALL (0' TO 4'), INCLUDES EXCAVATION AND ALL ACCESSORY ITEMS DESCRIBED IN DETAIL (CLEAN ROCK, DRAINS, STEP TRANS., FABRIC, ETC.)	LF	67.10	\$700.00	\$46,970.00	\$522.83	\$35,081.89
188		PCC WALL (4' TO 8'), INCLUDES EXCAVATION AND ALL ACCESSORY ITEMS DESCRIBED IN DETAIL (CLEAN ROCK, DRAINS, STEP TRANS., FABRIC, ETC.)	LF	188.50	\$1,000.00	\$188,500.00	\$911.37	\$171,793.25
189		PCC WALL (8' TO 12'), INCLUDES EXCAVATION AND ALL ACCESSORY ITEMS DESCRIBED IN DETAIL (CLEAN ROCK, DRAINS, STEP TRANS., FABRIC, ETC.)	LF	185.50	\$1,400.00	\$259,700.00	\$1,479.33	\$274,415.72
190		PCC WALL (12' TO 16'), INCLUDES EXCAVATION AND ALL ACCESSORY ITEMS DESCRIBED IN DETAIL (CLEAN ROCK, DRAINS, STEP TRANS., FABRIC, ETC.)	LF	87.80	\$1,800.00	\$158,040.00	\$2,226.44	\$195,481.43
191		PCC WALL (16' TO 17.5'), INCLUDES EXCAVATION AND ALL ACCESSORY ITEMS DESCRIBED IN DETAIL (CLEAN ROCK, DRAINS, STEP TRANS., FABRIC, ETC.)	LF	84.00	\$2,000.00	\$168,000.00	\$2,623.57	\$220,379.88
192		4' HIGH RETAINING WALL CHAINLINK FENCE (COMPLETE PER PLAN DETAIL)	LF	613.00	\$20.00	\$12,260.00	\$69.67	\$42,707.71
193		TURF REINFORCEMENT MAT (WESTERN EXCELSIOR PP5 EXTREME ARMOR OR EQUIV.) - ENGINEER APPROVAL REQUIRED PRIOR TO INSTALLATION	SY	1,000.00	\$30.00	\$30,000.00	\$55.97	\$55,970.00
194		DWARF ALBERTA SPRUCE - MINIMUM 2" CALIPER	EA	7.00	\$500.00	\$3,500.00	\$536.46	\$3,755.22
195		AUTUMN BLAZE MAPLE - MINIMUM 2" CALIPER	EA	2.00	\$500.00	\$1,000.00	\$870.88	\$1,741.76
196		LILAC BUSH	EA	1.00	\$500.00	\$500.00	\$91.76	\$91.76

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197		GINKO TREE - MINIMUM 2" CALIPER	EA	2.00	\$500.00	\$1,000.00	\$975.38	\$1,950.76
198		DOGWOOD TREE - MINIMUM 2" CALIPER	EA	1.00	\$500.00	\$500.00	\$870.88	\$870.88
199		FRUITLESS SPRING SNOW CRAB TREE - MINIMUM 2" CALIPER	EA	1.00	\$500.00	\$500.00	\$1,045.05	\$1,045.05
200		BLACK HILLS SPRUCE - MINIMUM 2" CALIPER	EA	2.00	\$500.00	\$1,000.00	\$557.36	\$1,114.72
201		2" SCHEDULE 40 GRAY CONDUIT WITH ELBOWS, SWEEPS, STRING, ETC. (CONTRACTOR TO COORDINATE WITH BHE)	LF	698.00	\$10.00	\$6,980.00	\$37.89	\$26,447.22
202		2" SCHEDULE 80 GRAY CONDUIT WITH ELBOWS, SWEEPS, STRING, ETC. (CONTRACTOR TO COORDINATE WITH BHE)	LF	48.00	\$12.00	\$576.00	\$56.12	\$2,693.76
203		SIDEWALK GUTTER DRAIN (SEE DETAIL IN PLANS)	EA	2.00	\$500.00	\$1,000.00	\$6,022.45	\$12,044.90
204		CONCRETE STEPS W/ RAILING (SDDOT DETAIL 460.30)	SF	60.00	\$30.00	\$1,800.00	\$317.49	\$19,049.40
205		3/8 SCREEN 50/50 COMPOST - FURNISHING, HAULING, AND MIXING (CONTRACTOR TO CONTACT LANDFILL WITH QUANTITIES PRIOR TO HAULING)	CY	151.00	\$50.00	\$7,550.00	\$57.41	\$8,668.91
206		IMPORTED TOPSOIL, HAUL AND PLACE 5" THICK (AT DISCRETION OF ENGINEER)	CY	350.00	\$50.00	\$17,500.00	\$48.43	\$16,950.50
207		LANDSCAPE ROCK, 2" DIA., 6" THICK WITH FILTER FABRIC	SY	192.00	\$15.00	\$2,880.00	\$21.78	\$4,181.76
208		SANITARY SEWER, VIDEO INSPECTION	LF	441.00	\$4.00	\$1,764.00	\$5.57	\$2,456.37
209		STORM SEWER, VIDEO INSPECTION	LF	907.00	\$4.00	\$3,628.00	\$5.57	\$5,051.99
210		REPAIR IRRIGATION SYSTEM, PER LOT	EA	1.00	\$1,000.00	\$1,000.00	\$2,090.10	\$2,090.10

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211		CURB STOP BOX TO BE INSTALLED OVER SERIVCE CORPORATION (328 ST. CLOUD)	EA	1.00	\$200.00	\$200.00	\$897.10	\$897.10
TOTAL						\$3,392,000.00		\$4,178,147.03

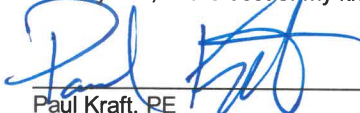
APPROXIMATE COST PER FOOT OF ROAD (APPROX. 2,220 LF)

\$ 1,541.82

\$ 1,899.16

CONSULTANT

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

 2/2/22
 Paul Kraft, PE Date
 Longbranch

CITY OF RAPID CITY

Reviewed by:

 2/2/2022
 Doug Noyes, PE Date