

BID AWARD SUMMARY

LETTING DATE: OCTOBER 10, 2023

PROJECT: Southeast Area Trunk Sewer Reconstruction – Elm Avenue to St. Francis Street
Project No. 20-2571 / CIP No. 50829

RECOMMENDATION: Award Total Bid in the amount of \$9,970,005.12 to RCS Construction, Inc. at the October 16, 2023 Council Meeting.

BIDDERS' SUMMARY

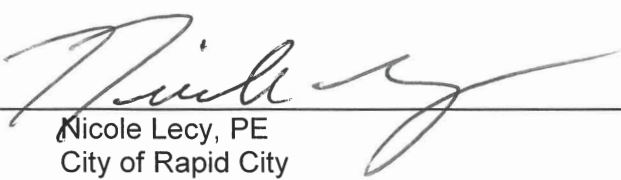
<u>CONTRACTORS</u>	<u>TOTAL BID</u>
RCS Construction, Inc.	\$9,970,005.12

City staff recommends awarding this project to RCS Construction, Inc. for the total bid amount of \$9,970,005.12 based on unit pricing with the following appropriation:

FUNDING SOURCE	TOTAL	Wastewater Enterprise	Water Enterprise	Streets	Drainage	Drainage Expansion
ADVERTISING AUTHORITY	\$7,100,000.00	\$2,800,000.00	\$1,400,000.00	\$1,200,000.00	\$400,000.00	\$1,300,000.00
ENGINEER'S ESTIMATE	\$9,351,000.00	\$3,146,029.50	\$1,970,178.79	\$1,381,318.40	\$529,386.59	\$2,324,086.73

APPROPRIATION DATA:

FUNDING SOURCE	TOTAL	Wastewater Enterprise	Water Enterprise	Streets	Drainage	ARPA Grant
COST CENTER		833	933	8910	8911	0116
LINE ITEM		4380	4381	4370	4371	4390
FUNDING CENTER		604	602	505	505	1020
BID AMOUNT	\$9,970,005.12	\$2,188,343.81	\$1,378,534.30	\$1,884,266.41	\$2,518,860.60	\$2,000,000.00

PROJECT MANAGER: 
Nicole Lecy, PE
City of Rapid City

DATE: 10/12/2023

PROJECT NAME: SOUTHEAST AREA TRUNK SEWER RECONSTRUCTION – ELM AVENUE TO ST. FRANCIS STREET
PROJECT NUMBER: 20-2571 / CIP NUMBER: 50829
LET DATE: OCTOBER 10, 2023
LOW BID AMOUNT: \$9,970,005.12

ITEM NO.	DESCRIPTION OF ITEM	UNIT	QTY (EST)	ENGINEER'S ESTIMATE		RCS CONSTRUCTION, INC.	
				UNIT COST	TOTAL COST	UNIT COST	TOTAL COST
1	MOBILIZATION	LS	1	\$424,885.50	\$424,885.50	\$629,661.51	\$629,661.51
2	INCIDENTAL WORK	LS	1	\$300,000.00	\$300,000.00	\$700,149.06	\$700,149.06
3	CONSTRUCTION STAKING	LS	1	\$44,999.95	\$44,999.95	\$69,066.21	\$69,066.21
4	CONCRETE TEST	EA	74	\$250.00	\$18,500.00	\$272.25	\$20,146.50
5	TRAFFIC CONTROL, MISCELLANEOUS	LS	1	\$17,500.00	\$17,500.00	\$51,182.84	\$51,182.84
6	TYPE III BARRICADE, 8' SINGLE SIDED	EA	18	\$155.00	\$2,790.00	\$204.19	\$3,675.42
7	CONSTRUCTION ENTRANCE - VEHICLE TRACKING CONTROL (VTC)	EA	8	\$2,780.00	\$22,240.00	\$2,221.96	\$17,775.68
8	GRAVEL FILTER SOCKS	LF	72	\$7.00	\$504.00	\$6.81	\$490.32
9	REMOVE & RESET GRAVEL FILTER SOCKS	LF	288	\$12.00	\$3,456.00	\$4.08	\$1,175.04
10	REMOVE GRAVEL FILTER SOCKS	LF	72	\$2.25	\$162.00	\$1.71	\$123.12
11	SEDIMENT CONROL WATTLE (SCW), 9" DIAMETER	LF	1,583	\$5.60	\$8,864.80	\$5.37	\$8,500.71
12	REMOVE & RESET SEDIMENT CONTROL WATTLE	LF	1,860	\$3.25	\$6,045.00	\$2.73	\$5,077.80
13	REMOVE SEDIMENT CONTROL WATTLE	LF	1,583	\$2.50	\$3,957.50	\$1.36	\$2,152.88
14	INLET PROTECTION DEVICE (IP)	EA	19	\$135.00	\$2,565.00	\$149.73	\$2,844.87
15	REMOVE INLET PROTECTION DEVICE (IP)	EA	19	\$135.00	\$2,565.00	\$68.06	\$1,293.14
16	SWEEPING	HR	16	\$175.00	\$2,800.00	\$162.57	\$2,601.12
17	TEMPORARY GRAVEL SURFACING, BASE COURSE	TON	2,000	\$62.00	\$124,000.00	\$55.55	\$111,100.00
18	EXCAVATION, UNCLASSIFIED	CY	5,818	\$27.50	\$159,995.00	\$23.87	\$138,875.66
19	UNDERCUT	CY	4,848	\$19.00	\$92,112.00	\$20.89	\$101,274.72
20	UNCLASSIFIED EXCAVATION, DIGOUTS	CY	500	\$70.00	\$35,000.00	\$26.86	\$13,430.00
21	IMPORTED BORROW (TRENCH)	CY	2,500	\$50.00	\$125,000.00	\$23.05	\$57,625.00
22	SODDING	SY	7,634	\$14.00	\$106,876.00	\$18.31	\$139,778.54
23	PLACING TOPSOIL, 5" THICK (INCLUDING COMPOST)	CY	1,061	\$42.00	\$44,562.00	\$48.03	\$50,959.83
24	FURNISHING, HAULING, MIXING AND PLACING COMPOST	TON	130	\$130.00	\$16,900.00	\$120.87	\$15,713.10
25	TYPE I BEDDING MATERIAL	TON	200	\$43.75	\$8,750.00	\$46.60	\$9,320.00
26	TYPE II FOUNDATION MATERIAL	TON	200	\$48.00	\$9,600.00	\$46.60	\$9,320.00

27	TYPE III FOUNDATION MATERIAL	TON	200	\$52.50	\$10,500.00	\$56.60	\$11,320.00
28	TYPE IV FOUNDATION MATERIAL	TON	200	\$58.75	\$11,750.00	\$56.60	\$11,320.00
29	CONTROLLED LOW STRENGTH BACKFILL	CY	75	\$265.00	\$19,875.00	\$216.93	\$16,269.75
30	AASHTO T-180 SOIL TEST	EA	6	\$330.00	\$1,980.00	\$374.34	\$2,246.04
31	CLEARING & GRUBBING	LS	1	\$4,350.00	\$4,350.00	\$4,476.40	\$4,476.40
32	CLEARING & GRUBBING, 6" - 18" TREES	EA	25	\$900.00	\$22,500.00	\$992.14	\$24,803.50
33	CLEARING & GRUBBING, 18" - 30" TREES	EA	12	\$1,300.00	\$15,600.00	\$2,502.60	\$30,031.20
34	CLEARING & GRUBBING, STUMP 12" PLUS	EA	9	\$575.00	\$5,175.00	\$596.85	\$5,371.65
35	ABANDON/REMOVE PIEZOMETER	EA	3	\$500.00	\$1,500.00	\$2,079.13	\$6,237.39
36	REMOVE AND DISPOSE, SANITARY SEWER MANHOLE	EA	13	\$2,500.00	\$32,500.00	\$1,350.78	\$17,560.14
37	REMOVE AND DISPOSE, GATE VALVE	EA	14	\$650.00	\$9,100.00	\$895.28	\$12,533.92
38	REMOVE AND DISPOSE, PCC SIDEWALK	SY	2,638	\$1.85	\$4,880.30	\$14.92	\$39,358.96
39	REMOVE AND DISPOSE, PCC CURB AND GUTTER	LF	4,516	\$5.25	\$23,709.00	\$5.77	\$26,057.32
40	REMOVE AND DISPOSE, PCC PANNELS, 8" THICK	SY	203	\$55.00	\$11,165.00	\$20.89	\$4,240.67
41	REMOVE AND DISPOSE, PCC FILLET AND PAN, 8" THICK	SY	67.2	\$55.00	\$3,696.00	\$20.89	\$1,403.81
42	REMOVE AND DISPOSE, PCC FILLET AND PAN, 6" THICK	SY	194	\$28.00	\$5,432.00	\$14.92	\$2,894.48
43	REMOVE AND DISPOSE, PCC DRIVEWAY (VARIABLE THICKNESS)	SY	495	\$30.75	\$15,221.25	\$14.92	\$7,385.40
44	REMOVE AND DISPOSE, RETAINING WALL (VARIABLE HEIGHT)	LF	218	\$50.00	\$10,900.00	\$30.63	\$6,677.34
45	REMOVE AND DISPOSE, RCP PIPE, 36"	LF	29	\$50.00	\$1,450.00	\$40.52	\$1,175.08
46	REMOVE AND DISPOSE, RCP PIPE, 24"	LF	47	\$45.00	\$2,115.00	\$40.52	\$1,904.44
47	REMOVE AND DISPOSE, RCP PIPE, 18"	LF	11	\$40.00	\$440.00	\$40.52	\$445.72
48	REMOVE AC PAVEMENT	SY	12,145	\$16.30	\$197,963.50	\$12.68	\$153,998.60
49	REMOVE AND SALVAGE, FIRE HYDRANT ASSEMBLY	EA	4	\$1,040.00	\$4,160.00	\$1,201.56	\$4,806.24
50	REMOVE AND SALVAGE, GRAVEL SURFACING (VARIABLE THICKNESS)	SY	591.5	\$12.00	\$7,098.00	\$19.21	\$11,362.71
51	REMOVE AND RESET MAILBOX TO TEMPORARY CLUSTER LOCATION	EA	5	\$450.00	\$2,250.00	\$649.36	\$3,246.80
52	RESET MAILBOX	EA	5	\$500.00	\$2,500.00	\$413.76	\$2,068.80
53	REMOVE AND RESET, REGULATORY SIGN WITH NEW POST	EA	8	\$280.00	\$2,240.00	\$340.31	\$2,722.48
54	REMOVE FENCE (SALVAGE TO OWNER)	LF	682	\$24.50	\$16,709.00	\$5.44	\$3,710.08
55	REMOVE AND RESET, FENCE (CHAIN LINK WITH POSTS)	LF	292	\$115.00	\$33,580.00	\$61.25	\$17,885.00
56	REMOVE TYPE "S" DROP INLET, 11-FOOT	EA	2	\$2,200.00	\$4,400.00	\$973.82	\$1,947.64
57	REMOVE GRATE INLET	EA	2	\$1,250.00	\$2,500.00	\$973.82	\$1,947.64

58	RESET PROPERTY CORNERS	EA	17	\$220.00	\$3,740.00	\$306.28	\$5,206.76
59	BYPASS PUMPING	LS	1	\$22,000.00	\$22,000.00	\$117,600.17	\$117,600.17
60	VIDEO INSPECTION, SANTARY SEWER	LF	3,373	\$4.40	\$14,841.20	\$6.81	\$22,970.13
61	CONNECT TO EXISTING SEWER MAIN	EA	15	\$6,475.00	\$97,125.00	\$2,620.74	\$39,311.10
62	RE-ASSEMBLE MANHOLE WITH 72" DIA. BASE SECTION 7.85' TALL, COMPLETE	EA	1	\$14,000.00	\$14,000.00	\$16,488.90	\$16,488.90
63	DROP MANHOLE W/ MONOLITHIC BASE, 60" DIA (0' - 6')	EA	2	\$22,500.00	\$45,000.00	\$19,843.06	\$39,686.12
64	DROP MANHOLE W/ MONOLITHIC BASE, 48" DIA (0' - 6')	EA	5	\$12,750.00	\$63,750.00	\$10,084.19	\$50,420.95
65	MANHOLE W/ MONOLITHIC BASE, 60" DIA (0' - 6')	EA	2	\$16,500.00	\$33,000.00	\$16,243.31	\$32,486.62
66	MANHOLE W/ MONOLITHIC BASE, 48" DIA (0' - 6')	EA	7	\$8,890.00	\$62,230.00	\$8,981.71	\$62,871.97
67	TERMINATION MANHOLE W/ MONOLITHIC BASE, 48" DIA (0' - 6')	EA	4	\$7,855.00	\$31,420.00	\$8,234.00	\$32,936.00
68	EXTRA MANHOLE DEPTH, 60"	VF	43.2	\$1,500.00	\$64,800.00	\$928.83	\$40,125.46
69	EXTRA MANHOLE DEPTH, 48"	VF	113.0	\$815.00	\$92,095.00	\$651.38	\$73,605.94
70	MANHOLE CHIMNEY SEAL AND EXTENSIONS	EA	20	\$225.00	\$4,500.00	\$378.32	\$7,566.40
71	18" PVC SEWER MAIN, SDR-35, PS 46 @ (10'-12')	LF	325	\$190.00	\$61,750.00	\$192.11	\$62,435.75
72	18" PVC SEWER MAIN, SDR-35, PS 46 @ (12'-14')	LF	448	\$210.00	\$94,080.00	\$216.90	\$97,171.20
73	18" PVC SEWER MAIN, SDR-35, PS 46 @ (14'-16')	LF	986	\$220.00	\$216,920.00	\$216.90	\$213,863.40
74	18" PVC SEWER MAIN, SDR-35, PS 46 @ (16'-18')	LF	328	\$240.00	\$78,720.00	\$269.35	\$88,346.80
75	18" PVC SEWER MAIN, SDR-35, PS 46 @ (18'-20')	LF	42	\$280.00	\$11,760.00	\$355.53	\$14,932.26
76	18" PVC SEWER MAIN, SDR-26, PS 115 @ (14'-16')	LF	116	\$230.00	\$26,680.00	\$235.56	\$27,324.96
77	18" PVC SEWER MAIN, SDR-26, PS 115 @ (16'-18')	LF	151	\$250.00	\$37,750.00	\$288.02	\$43,491.02
78	18" PVC SEWER MAIN, SDR-26, PS 115 @ (18'-20')	LF	149	\$290.00	\$43,210.00	\$374.19	\$55,754.31
79	18" PVC SEWER MAIN, SDR-26, PS 115 @ (20'-22')	LF	141	\$360.00	\$50,760.00	\$632.33	\$89,158.53
80	18" PVC SEWER MAIN, SDR-26, PS 115 @ (22'-24')	LF	102	\$475.00	\$48,450.00	\$632.33	\$64,497.66
81	12" PVC SEWER MAIN, SDR-35, PS 46 @ (10'-12')	LF	4	\$160.00	\$640.00	\$161.45	\$645.80
82	12" PVC SEWER MAIN, SDR-35, PS 46 @ (14'-16')	LF	4	\$185.00	\$740.00	\$186.22	\$744.88
83	8" PVC SEWER MAIN, SDR-35, PS 46 @ (8'-10')	LF	175	\$138.00	\$24,150.00	\$136.00	\$23,800.00
84	8" PVC SEWER MAIN, SDR-35, PS 46 @ (10'-12')	LF	190	\$150.00	\$28,500.00	\$136.00	\$25,840.00
85	8" PVC SEWER MAIN, SDR-35, PS 46 @ (12'-14')	LF	102	\$165.00	\$16,830.00	\$160.78	\$16,399.56
86	8" PVC SEWER MAIN, SDR-35, PS 46 @ (16'-18')	LF	110	\$180.00	\$19,800.00	\$213.24	\$23,456.40
87	18" X 4" INLINE GASKETED TEE, SDR 26 (PS 115)	EA	3	\$1,800.00	\$5,400.00	\$1,921.37	\$5,764.11
88	18" X 4" INLINE GASKETED TEE, SDR 35 (PS 46)	EA	11	\$1,600.00	\$17,600.00	\$1,628.03	\$17,908.33

89	8' X 6" INLINE GASKETED WYE, SDR 35 (PS 46)	EA	1	\$450.00	\$450.00	\$469.70	\$469.70
90	8' X 4" INLINE GASKETED WYE, SDR 35 (PS 46)	EA	4	\$450.00	\$1,800.00	\$455.98	\$1,823.92
91	8' X 4" SERVICE SADDLE ON EXISTING MAIN	EA	2	\$425.00	\$850.00	\$475.92	\$951.84
92	SEWER SERVICE RECONNECTION	EA	19	\$850.00	\$16,150.00	\$1,053.82	\$20,022.58
93	SANTIARY SEWER CLEANOUT, 6"	EA	1	\$450.00	\$450.00	\$451.81	\$451.81
94	SANTIARY SEWER CLEANOUT, 4"	EA	19	\$350.00	\$6,650.00	\$360.29	\$6,845.51
95	18" X 12" ECCENTRIC REDUCER, SDR 26 (PS 115)	EA	1	\$1,200.00	\$1,200.00	\$1,131.89	\$1,131.89
96	6" PVC SEWER SERVICE CAP W MARKER POST	EA	1	\$250.00	\$250.00	\$451.71	\$451.71
97	4" PVC SEWER SERVICE CAP W MARKER POST	EA	1	\$250.00	\$250.00	\$442.68	\$442.68
98	6" PVC SEWER SERVICE LINE, SDR-35, PS 46	LF	40	\$120.00	\$4,800.00	\$136.53	\$5,461.20
99	4" PVC SEWER SERVICE LINE, SDR-35, PS 46	LF	746	\$112.00	\$83,552.00	\$127.78	\$95,323.88
100	CONNECT TO EXISTING 6" DIA. RIGID PERFORATED SEWER UNDERDRAIN	EA	1	\$1,015.00	\$1,015.00	\$1,014.68	\$1,014.68
101	6" DIA. RIGID PERFORATED SEWER UNDERDRAIN, INCLUDING BEDDING, SOCK AND FILTER FABRIC ENCASMENT, SCHEDULE 40 PIPE WITH TWO (2) HOLE OR FOUR (4) HOLE PATTERN	LF	2,860	\$36.00	\$102,960.00	\$42.88	\$122,636.80
102	CLEAN-OUT FOR 6" DIA. RIGID PERFORATED SEWER UNDERDRAIN W/ NEENAH R1974-A CASTING AND LID, OR APPROVED EQUAL	EA	11	\$1,100.00	\$12,100.00	\$1,082.13	\$11,903.43
103	NEW WATER MAIN CONNECTION	EA	14	\$4,500.00	\$63,000.00	\$2,707.40	\$37,903.60
104	TEMPORARY ABOVE GROUND WATER SERVICE	EA	2	\$1,985.00	\$3,970.00	\$3,862.66	\$7,725.32
105	12" PVC WATER MAIN, AWWA C-900, (DR 18), RESTRAINED JOINT	LF	492	\$185.00	\$91,020.00	\$204.33	\$100,530.36
106	8" PVC WATER MAIN, AWWA C-900, (DR 18), RESTRAINED JOINT	LF	2,368	\$220.00	\$520,960.00	\$157.24	\$372,344.32
107	6" PVC WATER MAIN, AWWA C-900, (DR 18)	LF	166	\$235.00	\$39,010.00	\$136.04	\$22,582.64
108	12" 45 DEGREE BEND (W/ DOUBLE ANODE RECOMMENDATION OF SPEC 8B)	EA	11	\$2,050.00	\$22,550.00	\$2,343.29	\$25,776.19
109	12" 22.5 DEGREE BEND (W/ DOUBLE ANODE RECOMMENDATION OF SPEC 8B)	EA	2	\$2,000.00	\$4,000.00	\$2,022.50	\$4,045.00
110	12" 11.25 DEGREE BEND (W/ DOUBLE ANODE RECOMMENDATION OF SPEC 8B)	EA	1	\$1,975.00	\$1,975.00	\$1,977.64	\$1,977.64
111	12" HIGH DEFLECTION COUPLING (W/ DOUBLE ANODE RECOMMENDATION OF SPEC 8B)	EA	2	\$1,200.00	\$2,400.00	\$2,291.04	\$4,582.08
112	12" CROSS (W/ DOUBLE ANODE RECOMMENDATION OF SPEC 8B)	EA	1	\$4,000.00	\$4,000.00	\$3,664.78	\$3,664.78
113	8" CROSS (W/ DOUBLE ANODE RECOMMENDATION OF SPEC 8B)	EA	2	\$2,050.00	\$4,100.00	\$2,318.30	\$4,636.60
114	12" X 12" X 12" TEE (W/ DOUBLE ANODE RECOMMENDATION OF SPEC 8B)	EA	2	\$2,800.00	\$5,600.00	\$2,935.44	\$5,870.88
115	8" X 8" X 8" TEE (W/ DOUBLE ANODE RECOMMENDATION OF SPEC 8B)	EA	2	\$1,900.00	\$3,800.00	\$2,171.34	\$4,342.68
116	8" X 6" X 8" TEE (W/ DOUBLE ANODE RECOMMENDATION OF SPEC 8B)	EA	10	\$1,800.00	\$18,000.00	\$2,073.37	\$20,733.70
117	8" 45 DEGREE BEND (W/ DOUBLE ANODE RECOMMENDATION OF SPEC 8B)	EA	15	\$1,315.00	\$19,725.00	\$1,571.22	\$23,568.30
118	8" 22.5 DEGREE BEND (W/ DOUBLE ANODE RECOMMENDATION OF SPEC 8B)	EA	3	\$1,100.00	\$3,300.00	\$1,565.98	\$4,697.94
119	8" 11.25 DEGREE BEND (W/ DOUBLE ANODE RECOMMENDATION OF SPEC 8B)	EA	6	\$950.00	\$5,700.00	\$1,544.42	\$9,266.52

120	8" HIGH DEFLECTION COUPLING (W/ DOUBLE ANODE RECOMDNATION OF SPEC 8B)	EA	13	\$825.00	\$10,725.00	\$1,628.68	\$21,172.84
121	6" TAPPING TEE WITH VALVE (W/ DOUBLE ANODE RECOMMENDATION OF SPEC 8B)	EA	1	\$3,800.00	\$3,800.00	\$3,775.45	\$3,775.45
122	6" 45 DEGREE BEND (W/ DOUBLE ANODE RECOMMENDATION OF SPEC 8B)	EA	1	\$1,125.00	\$1,125.00	\$1,447.43	\$1,447.43
123	12" GATE VALE WITH BOX (W/ DOUBLE ANODE RECOMMENDATION OF SPEC 8B)	EA	4	\$5,900.00	\$23,600.00	\$5,950.60	\$23,802.40
124	8" GATE VALE WITH BOX (W/ DOUBLE ANODE RECOMMENDATION OF SPEC 8B)	EA	21	\$3,925.00	\$82,425.00	\$3,884.50	\$81,574.50
125	12" X 8" REDUCER (W/ DOUBLE ANODE RECOMMENDATION OF SPEC 8B)	EA	4	\$1,800.00	\$7,200.00	\$1,971.96	\$7,887.84
126	8" X 6" REDUCER (W/ DOUBLE ANODE RECOMMENDATION OF SPEC 8B)	EA	5	\$1,140.00	\$5,700.00	\$1,825.63	\$9,128.15
127	12" M.J. PLUG	EA	1	\$870.00	\$870.00	\$1,143.04	\$1,143.04
128	8" M.J. PLUG	EA	2	\$860.00	\$1,720.00	\$1,134.75	\$2,269.50
129	FIRE HYDRANT AND AUXILLARY VALVE (W/ DOUBLE ANODE ASSEMBLY)	EA	9	\$10,620.00	\$95,580.00	\$9,771.46	\$87,943.14
130	CATHODIC CONTROL TEST STATION	EA	9	\$680.00	\$6,120.00	\$745.42	\$6,708.78
131	TRACER WIRE ACCESS BOX, - 2 WIRE	EA	11	\$485.00	\$5,335.00	\$502.54	\$5,527.94
132	TRACER WIRE ACCESS BOX, LARGE	EA	9	\$560.00	\$5,040.00	\$745.42	\$6,708.78
133	SERVICE SADDLE (1-INCH)	EA	36	\$820.00	\$29,520.00	\$655.38	\$23,593.68
134	WATER SERVICE NEW CONNECTION (1-INCH)	EA	24	\$500.00	\$12,000.00	\$660.42	\$15,850.08
135	WATER SERVICE RECONNECTION (1-INCH)	EA	12	\$860.00	\$10,320.00	\$497.07	\$5,964.84
136	REUSE OF WATER TAP HOLE, 2 INCHES OR SMALLER	EA	12	\$225.00	\$2,700.00	\$741.14	\$8,893.68
137	CURB STOP AND BOX (1-INCH)	EA	36	\$925.00	\$33,300.00	\$1,290.13	\$46,444.68
138	1" COPPER WATER SERVICE	LF	1,290	\$105.00	\$135,450.00	\$120.10	\$154,929.00
139	FURNISH 1" CORPORATION STOP	EA	36	\$450.00	\$16,200.00	\$503.08	\$18,110.88
140	INSULATION	SF	2,082	\$4.75	\$9,889.50	\$5.13	\$10,680.66
141	VIDEO INSPECTION, STORM SEWER	LF	1,645	\$6.50	\$10,692.50	\$6.81	\$11,202.45
142	MODIFY STORM JUNCTION BOX TO CONFORM TO CROSS SLOPE OF STREET	EA	1	\$1,000.00	\$1,000.00	\$1,510.77	\$1,510.77
143	CONNECT TO EXISTING 16' WIDE BY 5' TALL DOUBLE CELL BOX CULVERT	EA	1	\$3,500.00	\$3,500.00	\$3,878.48	\$3,878.48
144	CONNECT TO EXISTING 36" RCP STORM SEWER	EA	1	\$1,500.00	\$1,500.00	\$606.17	\$606.17
145	CONNECT TO EXISTING 24" RCP STORM SEWER	EA	1	\$1,500.00	\$1,500.00	\$606.17	\$606.17
146	CONNECT TO EXISTING JUNCTION BOX	EA	1	\$750.00	\$750.00	\$749.00	\$749.00
147	16' WIDE BY 5' TALL SINGLE CELL BOX CULVERT, 42" DIA. STORM SEWER CONNECTION TO BOX	EA	1	\$2,250.00	\$2,250.00	\$2,967.49	\$2,967.49
148	4' X 11' TYPE S DROP INLET	EA	2	\$21,500.00	\$43,000.00	\$13,214.02	\$26,428.04
149	5.5' X 5.5' TYPE "B" REINFORCED CONCRETE DROP INLET	EA	1	\$11,800.00	\$11,800.00	\$11,792.49	\$11,792.49
150	4' X 4' TYPE "B" REINFORCED CONCRETE DROP INLET	EA	9	\$10,600.00	\$95,400.00	\$7,479.26	\$67,313.34

151	4' X 3' TYPE "B" REINFORCED CONCRETE DROP INLET	EA	1	\$9,525.00	\$9,525.00	\$5,820.48	\$5,820.48
152	2' X 3' TYPE "B" REINFORCED CONCRETE DROP INLET	EA	4	\$6,250.00	\$25,000.00	\$3,650.63	\$14,602.52
153	16' WIDE BY 5' TALL SINGLE CELL BOX CULVERT, 140' RADIUS BEND	LF	196	\$2,600.00	\$509,600.00	\$2,857.37	\$560,044.52
154	16' WIDE BY 5' TALL SINGLE CELL BOX CULVERT, STRAIGHT	LF	468	\$2,500.00	\$1,170,000.00	\$2,774.34	\$1,298,391.12
155	BOX CULVERT UNDERCUT	CY	1,066	\$132.00	\$140,712.00	\$67.54	\$71,997.64
156	16' WIDE BY 5' TALL SINGLE CELL BOX CULVERT, CAP	EA	1	\$19,600.00	\$19,600.00	\$5,746.95	\$5,746.95
157	16' WIDE BY 5' TALL SINGLE CELL BOX CULVERT, 3.5 DEGREE BEND	EA	1	\$16,000.00	\$16,000.00	\$21,207.60	\$21,207.60
158	42" RCP STORM SEWER, CLASS III W/ BEDDING	LF	56	\$280.00	\$15,680.00	\$288.77	\$16,171.12
159	36" RCP STORM SEWER, CLASS III W/ BEDDING	LF	281	\$285.00	\$80,085.00	\$237.89	\$66,847.09
160	30" RCP STORM SEWER, CLASS III W/ BEDDING	LF	342	\$225.00	\$76,950.00	\$188.20	\$64,364.40
161	24" RCP STORM SEWER, CLASS III W/ BEDDING	LF	80	\$180.00	\$14,400.00	\$160.49	\$12,839.20
162	36" DURASLOT SLOT DRAIN (OR APPROVED EQUAL) W/ BEDDING AND 6" RISER. CMP SHALL NOT BE CONSIDERED AN APPROVED EQUAL.	LF	102	\$250.00	\$25,500.00	\$556.94	\$56,807.88
163	18" RCP STORM SEWER, CLASS III W/ BEDDING	LF	118	\$165.00	\$19,470.00	\$141.96	\$16,751.28
164	42" X 36" X 42" RCP ECCENTRIC TEE	EA	1	\$4,650.00	\$4,650.00	\$4,653.41	\$4,653.41
165	42" RCP, 45 DEGREE BEND	EA	1	\$3,500.00	\$3,500.00	\$5,074.60	\$5,074.60
166	24" RCP, 11.25 DEGREE BEND	EA	2	\$2,200.00	\$4,400.00	\$2,640.34	\$5,280.68
167	STORM SEWER CONNECTION TO EXISTING	EA	4	\$1,050.00	\$4,200.00	\$1,047.42	\$4,189.68
168	CONNECT TO EXISTING UNDER-DRAIN	EA	1	\$450.00	\$450.00	\$705.80	\$705.80
169	6" DIAMETER PIPE UNDER-DRAIN (DETAIL 64-1)	LF	6,542	\$26.00	\$170,092.00	\$34.01	\$222,493.42
170	UNDER-DRAIN CONNECTIONS TO INLETS, PER INLET	EA	19	\$425.00	\$8,075.00	\$562.97	\$10,696.43
171	UNDER-DRAIN CLEANOUT	EA	21	\$450.00	\$9,450.00	\$448.66	\$9,421.86
172	UNDER-DRAIN CLEANOUT CASTING, NEENAH R1975-B (OR APPROVED EQUAL)	EA	3	\$675.00	\$2,025.00	\$781.43	\$2,344.29
173	UNDER-DRAIN CURB OPENING CASTING, NEENAH R-3262-3 (OR APPROVED EQUAL)	EA	2	\$675.00	\$1,350.00	\$661.87	\$1,323.74
174	AC PAVING MOBILIZATIONS	EA	5	\$2,725.00	\$13,625.00	\$2,722.50	\$13,612.50
175	ASPHALT CONCRETE, CLASS E, TYPE 1, PG64-22	TON	1,930	\$160.00	\$308,800.00	\$170.15	\$328,389.50
176	ASPHALT CONCRETE, CLASS E, TYPE 2, PG64-22	TON	1,290	\$160.00	\$206,400.00	\$170.15	\$219,493.50
177	AGGREGATE BASE COURSE, STREETS	TON	5,110	\$50.00	\$255,500.00	\$46.60	\$238,126.00
178	AGGREGATE BASE COURSE, (DRIVEWAYS, APPROACHES, ETC.)	TON	330	\$50.50	\$16,665.00	\$46.60	\$15,378.00
179	PCC PAVEMENT, 8" NONREINFORCED	SY	204	\$160.00	\$32,640.00	\$142.92	\$29,155.68
180	DRILLED EPOXY COATED PLAIN ROUND DOWL BAR (1 1/4" X 18") - TRANSVERSE JOINTS	EA	186	\$38.00	\$7,068.00	\$36.85	\$6,854.10
181	NO. 5 X 24" EPOXY COATED DEFORMED TIE BARS - LONGITUDINAL JOINTS	EA	72	\$21.50	\$1,548.00	\$27.52	\$1,981.44

182	PCC DRIVEWAY APPROACH PAVEMENT, 6" REINFORCED	SY	75	\$150.00	\$11,250.00	\$123.23	\$9,242.25
183	PCC DRIVEWAY PAVEMENT, 6" REINFORCED	SY	182	\$150.00	\$27,300.00	\$123.23	\$22,427.86
184	PCC DRIVEWAY APPROACH PAVEMENT, 6" NON REINFORCED	SY	186	\$145.00	\$26,970.00	\$120.37	\$22,388.82
185	PCC DRIVEWAY PAVEMENT, 6" NON REINFORCED	SY	590	\$145.00	\$85,550.00	\$120.37	\$71,018.30
186	TYPE B66 CURB AND GUTTER	LF	3,585	\$38.50	\$138,022.50	\$39.58	\$141,894.30
187	TYPE P6 GUTTER	LF	385	\$40.00	\$15,400.00	\$39.58	\$15,238.30
188	PCC FILLET AND PAN (REINFORCED), 8"	SY	24	\$160.00	\$3,840.00	\$146.08	\$3,505.92
189	PCC FILLET AND PAN (REINFORCED), 6"	SY	746	\$125.00	\$93,250.00	\$138.94	\$103,649.24
190	ADA TRANSITION PAVEMENT AND CROSSING (REINFORCED), 6"	SY	466	\$125.00	\$58,250.00	\$124.65	\$58,086.90
191	PCC SIDEWALK, 4" NONREINFORCED	SF	21,150	\$13.00	\$274,950.00	\$11.92	\$252,108.00
192	SIDEWALK CURB HEAD (0" - 9")	LF	336	\$21.50	\$7,224.00	\$36.66	\$12,317.76
193	TYPE "C" WALL WITH SIDEWALK (0' - 1')	LF	48	\$125.00	\$6,000.00	\$161.42	\$7,748.16
194	TYPE "C" WALL WITH SIDEWALK (1' - 2')	LF	140	\$125.00	\$17,500.00	\$167.07	\$23,389.80
195	TYPE "C" WALL WITH SIDEWALK (2' - 3')	LF	54	\$135.00	\$7,290.00	\$174.79	\$9,438.66
196	TYPE "C" WALL WITH SIDEWALK (3' - 4')	LF	96	\$145.00	\$13,920.00	\$263.96	\$25,340.16
197	DETECTABLE WARNING PANEL	SF	440	\$55.00	\$24,200.00	\$57.12	\$25,132.80
198	GEOGRID SUBGRADE REINFORCEMENT	SY	2,500	\$9.75	\$24,375.00	\$8.28	\$20,700.00
199	REGULATORY SIGN, WII-2 PEDESTRIAN CROSSING	EA	3	\$475.00	\$1,425.00	\$884.81	\$2,654.43
200	REGULATORY SIGN, W16-7PL DIAGONAL ARROW LEFT	EA	3	\$475.00	\$1,425.00	\$884.81	\$2,654.43
201	REGULATORY SIGN, TM604DG SCHOOL	EA	1	\$475.00	\$475.00	\$544.50	\$544.50
202	REGULATORY SIGN, R2-1 SPEED LIMIT (15 MPH)	EA	1	\$425.00	\$425.00	\$544.50	\$544.50
203	REGULATORY SIGN, S4-2 WHEN CHILDREN ARE PRESENT	EA	1	\$425.00	\$425.00	\$544.50	\$544.50
204	PREFORMED THERMOPLASTIC PAVEMENT MARKING, 24" WHITE	LF	52	\$35.00	\$1,820.00	\$34.03	\$1,769.56
205	PREFORMED THERMOPLASTIC PAVEMENT MARKING, 12" WHITE	LF	64	\$18.50	\$1,184.00	\$18.38	\$1,176.32

206	GROOVING FOR COLD APPLIED THERMOPLASTIC PAVEMENT MARKING	SF	168	\$12.00	\$2,016.00	\$6.81	\$1,144.08
207	COCKSPUR HAWTHORN - MINIMUM 2" CALIPER	EA	2	\$1,135.00	\$2,270.00	\$1,225.12	\$2,450.24
208	HONEY LOCUST - MINIMUM 2" CALIPER	EA	1	\$1,135.00	\$1,135.00	\$1,225.12	\$1,225.12
209	LITTLE LEAF LINDEN - MINIMUM 2" CALIPER	EA	8	\$1,135.00	\$9,080.00	\$1,225.12	\$9,800.96
210	SPRING SNOW CRAB - MINIMUM 2" CALIPER	EA	6	\$1,135.00	\$6,810.00	\$1,225.12	\$7,350.72
211	JAPANESE TREE LILAC - MINIMUM 2" CALIPER	EA	9	\$1,135.00	\$10,215.00	\$1,225.12	\$11,026.08
212	DWARF ALBERTA SPUCE, 4'	EA	1	\$1,025.00	\$1,025.00	\$952.88	\$952.88
213	SILVER MAPLE - MINIMUM 2" CALIPER	EA	2	\$1,135.00	\$2,270.00	\$1,225.12	\$2,450.24
214	RED MAPLE - MINIMUM 2" CALIPER	EA	2	\$1,135.00	\$2,270.00	\$1,225.12	\$2,450.24
215	USSURIAN PEAR - MINIMUM 2" CALIPER	EA	2	\$1,135.00	\$2,270.00	\$1,225.12	\$2,450.24
216	GREENSPIRE LINDEN - MINIMUM 2" CALIPER	EA	1	\$1,135.00	\$1,135.00	\$1,225.12	\$1,225.12
217	PEKIN LILAC	EA	3	\$1,135.00	\$3,405.00	\$1,089.00	\$3,267.00
218	LILAC BUSH	EA	6	\$450.00	\$2,700.00	\$680.62	\$4,083.72
219	LANDSCAPE ROCK, 2" DIA., 6" THICK WITH FILTER FABRIC	SY	136	\$22.00	\$2,992.00	\$20.42	\$2,777.12
220	REPAIR IRRIGATION SYSTEM	EA	1	\$2,630.00	\$2,630.00	\$2,041.87	\$2,041.87
221	2" SCHEDULE 80 GRAY CONDUIT WITH ELBOWS AND SWEEPS (CONTRACTOR TO COORDINATE WITH BHE)	LF	450	\$17.50	\$7,875.00	\$34.03	\$15,313.50
222	TYPE III FOUNDATION MATERIAL UNDER BOX CULVERT, INCLUDING FABRIC	TON	1,725	\$52.50	\$90,562.50	\$58.16	\$100,326.00
223	ENCASE 12" WATER MAIN (22.2" I.D. MIN, HDPE, DR 11, 200 PSI), OR APPROVED EQUAL	LF	50	\$200.00	\$10,000.00	\$117.67	\$5,883.50
224	ENCASE 8" WATER MAIN (17.2" I.D. MIN, HDPE, DR 11, 200 PSI), OR APPROVED EQUAL	LF	88	\$150.00	\$13,200.00	\$117.67	\$10,354.96
225	WATER SERVICE SLEEVE UNDER BOX CULVERT (2" HDPE, IPS, SDR 9, 250 PSI), OR APPROVED EQUAL	LF	160	\$150.00	\$24,000.00	\$11.83	\$1,892.80
226	SEWER SERVICE SLEEVE UNDER BOX CULVERT (10.7" I.D. MIN, HDPE, DR 11, 200 PSI), OR APPROVED EQUAL	LF	120	\$150.00	\$18,000.00	\$82.76	\$9,931.20
TOTAL					\$9,351,000.00		\$9,970,005.12

CITY OF RAPID CITY

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

 10/11/2023
 Nicole Lecy, PE Date
 Project Manager

CONSULTANT

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

 10/11/2023
 Kale McNaboe, PE Date
 Longbranch Civil Engineering, Inc.