

# BID AWARD SUMMARY

LETTING DATE: OCTOBER 30, 2018

**PROJECT:** Willow Ave, Ivy Ave, Fairlane Dr Street and Utility Reconstruction  
Project No. 15-2254 / CIP No. 50421.3-1C

**RECOMMENDATION:** Award Total Base Bid plus Alternate 1 in the amount of \$2,515,428.34 to R.C.S. Construction, Inc. at the November 5, 2018 Council Meeting.

## BIDDERS' SUMMARY

<u>CONTRACTORS</u>	<u>TOTAL BASE BID</u>	<u>ALTERNATE 1</u>	<u>ALTERNATE 2</u>
R.C.S. Construction, Inc.	\$2,195,110.05	\$320,318.29	\$593,217.17
Highmark, Inc.	\$2,551,129.43	\$311,869.03	\$571,393.56
Mainline Contracting, Inc.	\$2,752,637.70	\$333,422.80	\$593,568.40
Heavy Constructors, Inc.	\$3,002,743.79	\$302,613.28	\$468,269.44

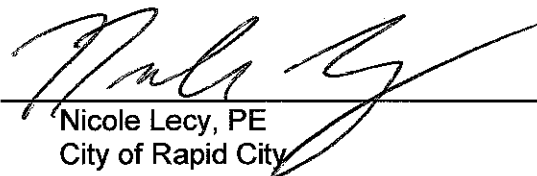
City staff recommends awarding this project to R.C.S. Construction, Inc. for a total base bid plus alternate 1 amount of \$2,515,428.34 based on unit pricing with the following appropriation:

FUNDING SOURCE	TOTAL	WASTEWATER REPLACEMENT	WATER REPLACEMENT	STORMWATER DRAINAGE	STREETS	DRAINAGE
ADVERTISING AUTHORITY	\$2,530,000	\$250,000	\$130,000	\$280,000	\$1,820,000	\$50,000
ENGINEER'S ESTIMATE BASE BID	\$2,193,509					
ENGINEER'S ESTIMATE ALTERNATE 1	\$315,066					
ENGINEER'S ESTIMATE ALTERNATE 2	\$520,000					

**APPROPRIATION DATA:**

FUNDING SOURCE	TOTAL	WASTEWATER REPLACEMENT	WATER REPLACEMENT	STORMWATER DRAINAGE	STREETS	DRAINAGE
COST CENTER		833	933	7402	505	505
LINE ITEM		4380	4381	4371	4370	4371
FUNDING CENTER		604	602	609	8910	8911
<b>BID AMOUNT</b>	<b>\$2,515,428.34</b>	<b>\$233,786.11</b>	<b>\$157,713.90</b>	<b>\$360,972.48</b>	<b>\$1,708,006.98</b>	<b>\$54,948.87</b>

**PROJECT MANAGER:**

  
 Nicole Lecy, PE  
 City of Rapid City

**DATE:**

11/1/2018

PROJECT NAME: WILLOW AVENUE, IVY AVENUE, FAIRLANE DRIVE, STREET AND UTILITY RECONSTRUCTION PROJECT

PROJECT NUMBER: PROJECT NO. 15-2254 / CIP NO. 50421.3-1C

LET DATE: OCTOBER 30, 2018

LOW BID AMOUNT: \$2,195,110.05

ITEM NO.	STD. BID ITEM NO.	DESCRIPTION OF ITEM	UNIT	QTY (EST)	ENGINEER'S ESTIMATE		R.C.S. CONSTRUCTION, INC.		HIGHMARK, INC		MAINLINE CONTRACTING INC.		HEAVY CONSTRUCTORS, 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	\$54,477.00	\$54,477.00	\$90,788.96	\$90,788.96	\$120,410.00	\$120,410.00	\$121,250.00	\$121,250.00	\$498,199.95	\$498,199.95
2		INCIDENTAL WORK	LS	1.00	\$32,151.00	\$32,151.00	\$59,854.21	\$59,854.21	\$65,000.00	\$65,000.00	\$121,000.00	\$121,000.00	\$65,023.50	\$65,023.50
3		CONSTRUCTION STAKING	LS	1.00	\$21,987.07	\$21,987.07	\$22,401.60	\$22,401.60	\$24,600.00	\$24,600.00	\$22,327.70	\$22,327.70	\$20,414.97	\$20,414.97
4		TRAFFIC CONTROL	LS	1.00	\$14,000.00	\$14,000.00	\$5,718.30	\$5,718.30	\$8,300.00	\$8,300.00	\$6,500.00	\$6,500.00	\$5,791.23	\$5,791.23
5		TRAFFIC CONTROL SIGNS	SF	160.00	\$7.00	\$1,120.00	\$14.15	\$2,264.00	\$4.55	\$728.00	\$4.60	\$736.00	\$4.21	\$673.60
6		DETOUR SIGNING	SF	42.00	\$7.00	\$294.00	\$4.72	\$198.24	\$4.55	\$191.10	\$4.60	\$193.20	\$4.21	\$176.82
7		TYPE 3 BARRICADE, 8' SINGLE SIDED	EA	5.00	\$120.00	\$600.00	\$176.86	\$884.30	\$170.25	\$851.25	\$180.00	\$900.00	\$157.94	\$789.70
8		CONSTRUCTION ENTRANCE - VEHICLE TRACKING CONTROL (VTC)	EA	8.00	\$850.00	\$6,800.00	\$959.87	\$7,678.96	\$500.00	\$4,000.00	\$1,000.00	\$8,000.00	\$2,665.89	\$21,487.12
9		GRANULAR MATERIAL FOR VEHICLE TRACKING CONTROL	TON	150.00	\$26.00	\$3,900.00	\$23.95	\$3,592.50	\$20.25	\$3,037.50	\$25.00	\$3,750.00	\$44.90	\$6,735.00
10		GRAVEL FILTER SOCKS	LF	54.00	\$7.00	\$378.00	\$11.79	\$636.66	\$3.15	\$170.10	\$3.25	\$175.50	\$2.90	\$156.60
11		REMOVE & RESET GRAVEL FILTER SOCKS	LF	108.00	\$4.00	\$432.00	\$2.36	\$254.88	\$1.45	\$156.60	\$1.50	\$162.00	\$1.32	\$142.56
12		REMOVE GRAVEL FILTER SOCKS	LF	54.00	\$1.25	\$67.50	\$5.90	\$318.60	\$1.15	\$62.10	\$1.15	\$62.10	\$1.05	\$56.70
13		SEDIMENT CONTROL WATTLE (SCW), 9" DIAMETER	LF	2,168.00	\$3.00	\$6,504.00	\$2.66	\$5,766.88	\$4.00	\$8,672.00	\$4.00	\$8,672.00	\$3.69	\$7,999.92
14		REMOVE & RESET SEDIMENT CONTROL WATTLE	LF	2,989.00	\$1.75	\$5,248.25	\$1.77	\$5,308.23	\$0.75	\$2,249.25	\$0.75	\$2,249.25	\$0.68	\$2,039.32
15		REMOVE SEDIMENT CONTROL WATTLE	LF	2,168.00	\$0.75	\$1,626.00	\$0.59	\$1,279.12	\$0.60	\$1,300.80	\$0.60	\$1,300.80	\$0.53	\$1,149.04
16		INLET PROTECTION DEVICE (IP)	EA	4.00	\$111.50	\$446.00	\$206.33	\$825.32	\$110.00	\$440.00	\$110.00	\$440.00	\$100.03	\$400.12
17		REMOVE & RESET INLET PROTECTION DEVICE (IP)	EA	3.00	\$24.00	\$72.00	\$23.66	\$70.74	\$11.50	\$34.50	\$12.00	\$36.00	\$10.53	\$31.59
18		REMOVE INLET PROTECTION DEVICE (IP)	EA	4.00	\$11.00	\$44.00	\$11.79	\$47.16	\$4.55	\$18.20	\$4.50	\$18.00	\$4.21	\$16.84
19		TEMPORARY GRAVEL SURFACING, BASE COURSE	TON	1,350.00	\$22.00	\$29,700.00	\$19.64	\$26,514.00	\$20.00	\$27,000.00	\$35.00	\$47,250.00	\$31.37	\$42,949.50

20		UNCLASSIFIED EXCAVATION	CY	7,530.00	\$9.00	\$67,770.00	\$8.97	\$67,544.10	\$8.00	\$60,240.00	\$14.35	\$108,056.50	\$7.08	\$53,312.40
21		UNDERCUT	CY	3,912.00	\$7.25	\$28,362.00	\$4.18	\$16,352.16	\$5.00	\$19,560.00	\$4.75	\$18,582.00	\$21.08	\$82,484.96
22		IMPORTED BACKFILL MATERIAL (TRENCH)	CY	250.00	\$14.00	\$3,500.00	\$10.73	\$2,682.50	\$16.00	\$4,000.00	\$14.00	\$3,500.00	\$14.32	\$3,580.00
23		IMPORTED BACKFILL MATERIAL (GRADING)	CY	150.00	\$14.00	\$2,100.00	\$10.73	\$1,609.50	\$16.00	\$2,400.00	\$14.00	\$2,100.00	\$14.32	\$2,148.00
24		SODDING TOP SOIL, 1" GRADE 5" THICK INCLUDING 1" INCORPORATED 3/8 SCREEN 50/50 COMPOST BLEND)	SY	6,700.00	\$5.70	\$38,190.00	\$5.90	\$39,530.00	\$8.55	\$57,285.00	\$5.80	\$38,860.00	\$5.31	\$35,577.00
25			CY	1,124.00	\$32.00	\$35,968.00	\$26.13	\$29,370.12	\$30.00	\$33,720.00	\$26.00	\$29,224.00	\$22.42	\$25,200.08
26		TYPE I BEDDING MATERIAL	TON	300.00	\$20.00	\$6,000.00	\$21.42	\$6,426.00	\$19.00	\$5,700.00	\$23.00	\$6,900.00	\$30.81	\$9,243.00
27		TYPE II FOUNDATION MATERIAL	TON	300.00	\$22.00	\$6,600.00	\$21.42	\$6,426.00	\$19.00	\$5,700.00	\$23.00	\$6,900.00	\$30.81	\$9,243.00
28		TYPE III FOUNDATION MATERIAL	TON	100.00	\$24.00	\$2,400.00	\$22.96	\$2,296.00	\$20.25	\$2,025.00	\$24.00	\$2,400.00	\$43.43	\$4,343.00
29		TYPE IV FOUNDATION MATERIAL	TON	100.00	\$28.00	\$2,800.00	\$28.58	\$2,858.00	\$25.50	\$2,550.00	\$30.00	\$3,000.00	\$49.55	\$4,955.00
30		CONTROLLED LOW STRENGTH BACKFILL MATERIAL (TRENCH)	CY	80.00	\$135.00	\$10,800.00	\$124.50	\$9,960.00	\$125.00	\$10,000.00	\$200.00	\$16,000.00	\$188.08	\$15,046.40
31		AASHTO T-180 SOIL TEST	EA	6.00	\$165.00	\$990.00	\$178.86	\$1,061.16	\$190.00	\$1,140.00	\$400.00	\$2,400.00	\$168.47	\$1,010.82
32		RE-ESTABLISH PROPERTY CORNER & POINTS OF CURVATURE	EA	16.00	\$53.00	\$848.00	\$82.53	\$1,320.48	\$80.00	\$1,280.00	\$190.00	\$3,040.00	\$52.65	\$842.40
33		CLEARING & GRUBBING	LS	1.00	\$6,350.00	\$6,350.00	\$1,292.40	\$1,292.40	\$9,800.00	\$9,800.00	\$9,500.00	\$9,500.00	\$4,998.85	\$4,998.85
34		CLEARING & GRUBBING, 12" - 18" TREES	EA	7.00	\$630.00	\$4,410.00	\$317.43	\$2,222.01	\$1,200.00	\$8,400.00	\$450.00	\$3,150.00	\$942.36	\$5,896.52
35		CLEARING & GRUBBING, 18" - 24" TREES	EA	6.00	\$825.00	\$4,974.00	\$382.05	\$2,292.30	\$1,300.00	\$7,800.00	\$450.00	\$2,700.00	\$947.65	\$5,685.90
36		CLEARING & GRUBBING, 24" - 36" TREES	EA	2.00	\$1,226.00	\$2,452.00	\$647.33	\$1,294.66	\$1,500.00	\$3,000.00	\$900.00	\$1,800.00	\$1,052.96	\$2,105.92
37		CLEARING & GRUBBING, 36" - 48" TREES	EA	1.00	\$1,572.75	\$1,572.75	\$979.96	\$979.96	\$1,700.00	\$1,700.00	\$1,700.00	\$1,700.00	\$1,263.54	\$1,263.54
38		CLEARING & GRUBBING, STUMP	EA	5.00	\$485.00	\$2,425.00	\$258.48	\$1,292.40	\$5.00	\$25.00	\$160.00	\$900.00	\$918.30	\$4,091.50
39		REMOVE SANITARY SEWER MANHOLE	EA	7.00	\$662.00	\$4,634.00	\$584.75	\$4,093.25	\$1,200.00	\$8,400.00	\$550.00	\$4,550.00	\$461.45	\$3,230.15
40		DEMO VARIABLE HEIGHT RETAINING WALL	LF	65.00	\$9.00	\$585.00	\$7.21	\$468.65	\$20.00	\$1,300.00	\$16.00	\$1,040.00	\$25.46	\$1,654.90
41		REMOVE GRAVEL DRIVEWAY	SY	224.00	\$2.50	\$560.00	\$2.59	\$580.16	\$0.50	\$112.00	\$7.00	\$1,568.00	\$5.00	\$1,344.00
42		REMOVE CONCRETE/ASPHALT PAVEMENT (INCLUDES CURB & GUTTER, PANS, & FILLETS, ETC.)	SY	11,409.00	\$4.50	\$51,340.50	\$3.82	\$43,582.38	\$10.00	\$114,090.00	\$4.50	\$51,340.50	\$18.77	\$214,146.93
43		REMOVE PCC DRIVEWAY AND APPROACH PAVEMENT	SY	1,321.00	\$7.50	\$9,907.50	\$4.01	\$5,297.21	\$5.00	\$6,605.00	\$9.00	\$11,889.00	\$18.14	\$23,962.94
44		REMOVE PCC SIDEWALK	SY	2,894.00	\$4.25	\$12,044.50	\$2.12	\$6,038.08	\$2.00	\$5,668.00	\$5.25	\$14,878.50	\$3.50	\$9,919.00

45	REMOVE AND RESET CHAIN LINK FENCE	LF	682.00	\$12.00	\$8,184.00	\$16.51	\$11,259.82	\$17.05	\$11,628.10	\$18.00	\$12,276.00	\$15.79	\$10,788.78
46	REMOVE AND RESET SPLIT RAIL WOOD FENCE	LF	140.00	\$7.15	\$1,001.00	\$14.15	\$1,981.00	\$20.50	\$2,870.00	\$18.00	\$2,520.00	\$15.79	\$2,210.60
47	REMOVE AND RESET WOOD PRIVACY FENCE	LF	80.00	\$16.00	\$1,280.00	\$14.15	\$1,132.00	\$25.00	\$2,000.00	\$30.00	\$2,400.00	\$15.79	\$1,263.20
48	REMOVE PCC STEPS	SY	13.70	\$45.00	\$616.50	\$22.18	\$303.87	\$15.00	\$205.50	\$60.00	\$922.00	\$86.87	\$1,190.12
49	REMOVE CURB STOP AND BOX	EA	45.00	\$91.50	\$4,117.50	\$100.67	\$4,530.15	\$100.00	\$4,500.00	\$150.00	\$6,750.00	\$218.00	\$9,810.00
50	REMOVE FIRE HYDRANT AUX. VALVE AND LEAD	EA	2.00	\$592.00	\$1,184.00	\$516.96	\$1,033.92	\$70.00	\$140.00	\$930.00	\$1,860.00	\$466.77	\$993.54
51	REMOVE TYPE 'E' DROP INLET (11'-FOOT)	EA	1.00	\$700.00	\$700.00	\$452.34	\$452.34	\$1,200.00	\$1,200.00	\$550.00	\$550.00	\$1,106.33	\$1,106.33
52	REMOVE TYPE 'E' DROP INLET (6-FOOT)	EA	2.00	\$670.00	\$1,340.00	\$387.72	\$775.44	\$600.00	\$1,200.00	\$420.00	\$840.00	\$1,106.32	\$2,212.64
53	REMOVE 16" RCP	LF	12.00	\$16.00	\$192.00	\$12.93	\$156.16	\$20.00	\$240.00	\$17.50	\$210.00	\$35.00	\$420.00
54	REMOVE 12" RCP	LF	43.00	\$14.00	\$602.00	\$12.93	\$555.99	\$18.00	\$774.00	\$10.25	\$440.75	\$33.74	\$1,450.82
55	REMOVE 72" RCP ARCH	LF	17.50	\$20.00	\$350.00	\$32.65	\$571.38	\$100.00	\$1,750.00	\$25.00	\$437.50	\$160.64	\$2,811.20
56	REMOVE AND RESET REGULATORY SIGN ASSEMBLY	EA	2.00	\$175.00	\$350.00	\$117.90	\$235.80	\$285.00	\$570.00	\$280.00	\$560.00	\$263.24	\$526.48
57	REMOVE POST REFLECTORS, RETURN TO CITY YARD	EA	4.00	\$60.00	\$240.00	\$23.58	\$94.32	\$5.75	\$23.00	\$6.00	\$24.00	\$5.27	\$21.08
58	REMOVE RED DIAMOND SIGNS, RETURN TO CITY YARD	EA	3.00	\$60.00	\$180.00	\$47.15	\$141.48	\$29.00	\$87.00	\$28.00	\$84.00	\$26.32	\$78.96
59	REMOVE TRAFFIC SIGN ASSEMBLY POST WITH REGULATORY SIGN, RETURN TO CITY YARD	EA	1.00	\$125.00	\$125.00	\$47.16	\$47.16	\$29.00	\$29.00	\$28.00	\$28.00	\$26.33	\$26.33
60	REMOVE TRAFFIC SIGN ASSEMBLY, REGULATORY SIGNS FROM LIGHT POLE	EA	2.00	\$75.00	\$150.00	\$29.48	\$58.96	\$29.00	\$58.00	\$28.00	\$56.00	\$26.32	\$52.64
61	BYPASS PUMPING	LS	1.00	\$11,650.00	\$11,650.00	\$10,475.24	\$10,475.24	\$6,600.00	\$6,600.00	\$4,500.00	\$4,500.00	\$57,965.19	\$57,965.19
62	CONNECT TO EXISTING SEWER MAIN	EA	6.00	\$1,215.00	\$7,290.00	\$995.00	\$5,988.00	\$500.00	\$3,000.00	\$1,150.00	\$6,900.00	\$1,920.34	\$11,522.04
63	STANDARD MANHOLE, 48" DIA (0'-6")	EA	5.00	\$4,615.00	\$23,075.00	\$3,768.52	\$18,842.60	\$5,910.00	\$29,550.00	\$5,480.00	\$27,400.00	\$8,355.98	\$41,779.90
64	TERMINATION MANHOLE, 48" DIA (0'-6")	EA	5.00	\$4,382.50	\$21,912.50	\$3,908.52	\$19,542.60	\$5,810.00	\$29,050.00	\$5,340.00	\$26,700.00	\$7,778.61	\$38,894.05
65	EXTRA MANHOLE DEPTH, 48" DIA	VF	25.40	\$330.00	\$8,382.00	\$254.80	\$6,471.92	\$205.00	\$5,207.00	\$645.00	\$16,383.00	\$149.23	\$3,790.44
66	ADJUST EXISTING MANHOLE RIM	EA	2.00	\$800.00	\$1,600.00	\$166.65	\$333.30	\$700.00	\$1,400.00	\$500.00	\$1,000.00	\$386.66	\$773.32
67	6" PVC SEWER MAIN, SDR-35 (6'-8")	LF	180.00	\$30.00	\$5,400.00	\$34.73	\$6,251.40	\$57.55	\$10,359.00	\$59.00	\$10,620.00	\$39.44	\$7,099.20
68	8" PVC SEWER MAIN, SDR-35 (8'-10")	LF	1,509.00	\$32.50	\$49,042.50	\$35.45	\$53,484.05	\$59.55	\$88,351.95	\$59.00	\$89,031.00	\$39.44	\$59,514.96
69	4" PVC SANITARY SEWER SERVICE CLEANOUT	EA	43.00	\$235.00	\$10,105.00	\$209.22	\$8,996.48	\$350.00	\$15,050.00	\$330.00	\$14,190.00	\$130.95	\$5,630.95

70	RECONNECT SANITARY SEWER SERVICE	EA	43.00	\$280.00	\$12,040.00	\$214.91	\$9,241.13	\$125.00	\$5,375.00	\$340.00	\$14,620.00	\$151.99	\$6,535.57
71	4" PVC SANITARY SEWER SERVICE LINE	LF	1,561.50	\$28.00	\$43,722.00	\$29.73	\$46,423.40	\$37.00	\$57,775.50	\$35.00	\$54,652.50	\$40.41	\$63,100.22
72	CONNECT TO EXISTING WATER MAIN	EA	2.00	\$1,730.00	\$3,460.00	\$1,106.55	\$2,213.12	\$1,800.00	\$3,600.00	\$3,300.00	\$6,600.00	\$2,018.98	\$4,057.96
73	CONNECT TO EXISTING FIRE HYDRANT LEAD	EA	2.00	\$1,500.00	\$3,000.00	\$844.85	\$1,689.70	\$1,500.00	\$3,000.00	\$1,400.00	\$2,800.00	\$3,129.82	\$6,259.64
74	ADJUST FIRE HYDRANT AND AUX. VALVE	EA	1.00	\$165.00	\$165.00	\$272.08	\$272.08	\$1,300.00	\$1,300.00	\$1,500.00	\$1,500.00	\$683.41	\$683.41
75	ADJUST WATER VALVE	EA	9.00	\$165.00	\$1,485.00	\$102.03	\$918.27	\$500.00	\$4,500.00	\$300.00	\$2,700.00	\$136.68	\$1,230.12
76	6" PVC WATER MAIN, AWWA C-900, (DR 18)	LF	80.00	\$54.00	\$4,320.00	\$54.66	\$4,372.80	\$50.00	\$4,000.00	\$100.00	\$9,000.00	\$77.90	\$6,232.00
77	6" PVC WATER MAIN, AWWA C-900, (DR 18)	LF	10.00	\$50.00	\$500.00	\$50.55	\$505.50	\$40.00	\$400.00	\$100.00	\$1,000.00	\$104.13	\$1,041.30
78	8" 90 DEGREE BEND	EA	1.00	\$585.00	\$585.00	\$457.48	\$457.48	\$690.00	\$690.00	\$780.00	\$780.00	\$550.79	\$550.79
79	8" 45 DEGREE BEND	EA	1.00	\$530.00	\$530.00	\$434.68	\$434.68	\$660.00	\$660.00	\$780.00	\$780.00	\$530.05	\$530.05
80	8" 22.5 DEGREE BEND	EA	5.00	\$532.00	\$2,660.00	\$432.92	\$2,164.60	\$640.00	\$3,200.00	\$780.00	\$3,900.00	\$528.44	\$2,642.20
81	8" 11.25 DEGREE BEND, VERTICAL	EA	1.00	\$523.50	\$523.50	\$423.71	\$423.71	\$640.00	\$640.00	\$780.00	\$780.00	\$520.07	\$520.07
82	8" DEFLECTION COUPLING	EA	2.00	\$405.00	\$810.00	\$431.81	\$863.62	\$525.00	\$1,050.00	\$575.00	\$1,150.00	\$527.44	\$1,054.88
83	8" X 6" REDUCER	EA	1.00	\$443.50	\$443.50	\$390.94	\$390.94	\$455.00	\$455.00	\$525.00	\$525.00	\$490.30	\$490.30
84	6" 45 DEGREE BEND	EA	1.00	\$465.00	\$465.00	\$372.65	\$372.65	\$580.00	\$580.00	\$720.00	\$720.00	\$473.62	\$473.62
85	FIRE HYDRANT WITH AUX. VALVE & LEAD	EA	2.00	\$5,100.00	\$10,200.00	\$5,140.61	\$10,281.22	\$5,200.00	\$10,400.00	\$7,000.00	\$14,000.00	\$5,208.76	\$10,413.52
86	6" TRACER WIRE ACCESS BOX, LARGE	EA	4.00	\$171.50	\$686.00	\$209.23	\$836.92	\$350.00	\$1,400.00	\$92.00	\$368.00	\$190.87	\$763.48
87	WATER SERVICE RECONNECTION	EA	45.00	\$220.00	\$9,900.00	\$220.66	\$9,929.70	\$100.00	\$4,500.00	\$635.00	\$28,575.00	\$95.47	\$4,296.15
88	1" TAPPING SADDLE	EA	45.00	\$315.00	\$14,175.00	\$258.55	\$11,634.75	\$205.00	\$9,225.00	\$125.00	\$5,625.00	\$66.34	\$3,075.30
89	1" CURB STOP AND BOX	EA	45.00	\$335.00	\$15,075.00	\$374.81	\$16,866.45	\$450.00	\$20,250.00	\$350.00	\$15,750.00	\$285.44	\$12,844.80
90	1" COPPER WATER SERVICE	LF	1,755.00	\$35.00	\$61,425.00	\$33.98	\$59,634.90	\$40.25	\$70,638.75	\$46.00	\$60,730.00	\$36.69	\$64,390.95
91	WATER MAIN ENCASEMENT, 8"	LF	71.00	\$45.00	\$3,195.00	\$56.39	\$4,003.69	\$27.00	\$1,917.00	\$60.00	\$4,260.00	\$45.70	\$3,244.70
92	WATER MAIN ENCASEMENT (EXISTING WATER MAIN 8")	LF	31.00	\$65.00	\$2,015.00	\$94.07	\$2,916.17	\$27.00	\$837.00	\$80.00	\$2,480.00	\$55.23	\$1,712.13
93	CATHODIC CONTROL TEST STATION	EA	2.00	\$308.75	\$617.50	\$315.38	\$630.76	\$350.00	\$700.00	\$375.00	\$750.00	\$411.70	\$823.40
94	CONNECT TO EXISTING STORM SEWER	EA	4.00	\$750.00	\$3,000.00	\$234.68	\$938.72	\$2,200.00	\$8,800.00	\$1,000.00	\$4,000.00	\$1,083.10	\$4,332.40
95	24" RISER PIPE W/ FRAME AND LID (IN 72" ARCH PIPE)	EA	1.00	\$2,800.00	\$2,800.00	\$4,959.74	\$4,959.74	\$6,330.00	\$6,330.00	\$7,420.00	\$7,420.00	\$5,058.82	\$5,058.82

96	10' X 5' STORM JUNCTION BOX	EA	1.00	\$9,200.00	\$9,200.00	\$14,498.16	\$14,498.16	\$16,075.00	\$16,075.00	\$17,800.00	\$17,800.00	\$17,800.00	\$8,265.17	\$8,265.17
97	TYPE "E" INLET (CITY STANDARD DETAIL 62-1), 10"	EA	2.00	\$7,860.00	\$15,720.00	\$7,982.85	\$15,965.70	\$9,650.00	\$19,300.00	\$10,300.00	\$20,600.00	\$20,600.00	\$7,346.92	\$14,693.84
98	TYPE "E" INLET (CITY STANDARD DETAIL 62-1), 10" WITH 24F SNOUT OIL AND DEBRIS STOP	EA	2.00	\$8,710.00	\$17,420.00	\$9,284.17	\$18,568.34	\$11,200.00	\$22,400.00	\$11,500.00	\$23,000.00	\$23,000.00	\$8,380.76	\$16,761.52
99	TYPE SPECIAL "B" INLET WITH VANED GRATE (CITY STANDARD DETAIL 62-5)	EA	1.00	\$3,826.00	\$3,826.00	\$3,228.70	\$3,228.70	\$4,200.00	\$4,200.00	\$4,600.00	\$4,600.00	\$4,600.00	\$4,086.57	\$4,086.57
100	72" RCP ARCH STORM SEWER, CLASS III	LF	904.00	\$350.00	\$316,400.00	\$346.64	\$313,362.56	\$348.00	\$314,592.00	\$390.00	\$352,560.00	\$352,560.00	\$373.45	\$337,598.80
101	24" RCP STORM SEWER, CLASS III	LF	131.00	\$63.00	\$8,253.00	\$87.73	\$11,492.63	\$63.00	\$10,873.00	\$100.00	\$13,100.00	\$13,100.00	\$33.67	\$4,410.77
102	18" RCP STORM SEWER, CLASS III	LF	45.00	\$60.00	\$2,700.00	\$76.04	\$3,421.80	\$72.00	\$3,240.00	\$120.00	\$5,400.00	\$5,400.00	\$45.98	\$2,069.10
103	24" X 24" X 24" RCP TEE	EA	1.00	\$1,783.00	\$1,783.00	\$1,371.91	\$1,371.91	\$1,500.00	\$1,500.00	\$1,700.00	\$1,700.00	\$1,700.00	\$1,250.08	\$1,250.08
104	72" RCP ARCH BEND	EA	3.00	\$5,472.00	\$16,416.00	\$5,915.27	\$17,745.81	\$6,000.00	\$18,000.00	\$8,000.00	\$24,000.00	\$24,000.00	\$2,022.27	\$5,066.81
105	72" RCP ARCH CAP	EA	1.00	\$5,021.50	\$5,021.50	\$1,235.49	\$1,235.49	\$1,450.00	\$1,450.00	\$1,650.00	\$1,650.00	\$1,650.00	\$1,187.88	\$1,187.88
106	18" RCP CAP	EA	1.00	\$475.00	\$475.00	\$332.77	\$332.77	\$505.00	\$505.00	\$685.00	\$685.00	\$685.00	\$303.89	\$303.89
107	6" DIAMETER PIPE UNDERDRAIN (DETAIL 64-1)	LF	5,693.50	\$9.25	\$52,664.88	\$9.56	\$54,429.86	\$13.60	\$77,431.60	\$10.00	\$56,935.00	\$56,935.00	\$5.81	\$33,079.24
108	6" DIAMETER PIPE UNDERDRAIN WITH STORM SEWER	LF	103.00	\$9.50	\$978.50	\$8.65	\$890.95	\$18.60	\$1,915.80	\$10.00	\$1,030.00	\$1,030.00	\$146.32	\$15,070.96
109	6" DIAMETER PIPE UNDERDRAIN CLEAN-OUT W/ CAP &/OR CASTING	EA	8.00	\$535.00	\$4,280.00	\$354.73	\$2,837.84	\$475.00	\$3,800.00	\$170.00	\$1,360.00	\$1,360.00	\$205.94	\$1,642.72
110	EDGE DRAIN CONNECTION TO INLETS, PER INLET	EA	7.00	\$150.00	\$1,050.00	\$189.58	\$1,327.06	\$75.00	\$525.00	\$380.00	\$2,660.00	\$2,660.00	\$154.44	\$1,081.06
111	ACC PAVING MOBILIZATIONS	EA	1.00	\$2,350.00	\$2,350.00	\$1,179.03	\$1,179.03	\$2,900.00	\$2,900.00	\$1,200.00	\$1,200.00	\$1,200.00	\$1,052.96	\$1,052.96
112	ACC DRIVEWAY PAVEMENT, 5" THICKNESS	TON	2.70	\$132.00	\$356.40	\$825.32	\$2,228.36	\$795.00	\$2,146.50	\$850.00	\$2,295.00	\$2,295.00	\$737.08	\$1,990.12
113	ACC OVERLAY, PG-84-28, 2" THICK	TON	14.50	\$40.00	\$580.00	\$353.71	\$5,128.80	\$340.50	\$4,937.25	\$350.00	\$5,075.00	\$5,075.00	\$315.89	\$4,580.41
114	AGGREGATE BASE COURSE	TON	1,745.00	\$22.00	\$38,390.00	\$19.64	\$34,271.80	\$21.00	\$36,645.00	\$28.80	\$50,255.00	\$50,255.00	\$23.63	\$41,234.35
115	GRAVEL DRIVEWAY, 6" THICK, CRUSHED LIMESTONE LEDGEROCK	TON	53.00	\$22.00	\$1,166.00	\$19.64	\$1,040.92	\$21.00	\$1,113.00	\$28.80	\$1,526.40	\$1,526.40	\$25.80	\$1,367.40
116	PCC PAVEMENT, 6" NONREINFORCED, PANEL REPLACEMENT W/ DOWELS	SY	100.40	\$90.00	\$9,036.00	\$82.08	\$8,240.83	\$80.00	\$8,032.00	\$105.00	\$10,542.00	\$10,542.00	\$64.20	\$5,441.68
117	PCC PAVEMENT, 7.5" NONREINFORCED, W/ DOWELS	SY	4,022.00	\$68.50	\$275,507.00	\$81.04	\$325,942.88	\$82.00	\$329,804.00	\$85.00	\$341,870.00	\$341,870.00	\$65.80	\$263,843.20
118	PCC DRIVEWAY APPROACH PAVEMENT, 6" NON REINFORCED	SY	189.00	\$71.00	\$13,419.00	\$73.08	\$13,812.12	\$72.50	\$13,702.50	\$78.00	\$14,742.00	\$14,742.00	\$49.79	\$9,410.31
119	PCC GRADE MODIFIED DRIVEWAY APPROACH PAVEMENT, 6" NON REINFORCED	SY	264.50	\$71.00	\$18,779.50	\$75.32	\$19,922.14	\$72.75	\$19,242.38	\$79.00	\$20,895.50	\$20,895.50	\$51.53	\$13,629.69
120	PCC DRIVEWAY APPROACH PAVEMENT, 6" REINFORCED	SY	12.00	\$84.75	\$1,017.00	\$82.08	\$984.96	\$80.50	\$966.00	\$95.00	\$1,140.00	\$1,140.00	\$99.86	\$1,198.76

121	PCC GRADE MODIFIED APPROACH PAVEMENT, 6" REINFORCED	SY	72.00	\$94.75	\$6,102.00	\$84.33	\$6,071.76	\$80.50	\$5,796.00	\$85.00	\$6,120.00	\$58.61	\$4,219.92
122	PCC DRIVEWAY PAVEMENT, 6" NON REINFORCED	SY	1,340.00	\$71.00	\$95,140.00	\$73.08	\$97,927.20	\$71.50	\$95,810.00	\$78.00	\$104,520.00	\$50.38	\$67,509.20
123	PCC DRIVEWAY PAVEMENT, 6" REINFORCED	SY	395.00	\$84.75	\$33,228.75	\$82.08	\$31,600.80	\$80.50	\$30,992.50	\$85.00	\$32,725.00	\$80.32	\$30,923.20
124	TYPE B67.5 CURB AND GUTTER	LF	2,001.00	\$22.00	\$44,022.00	\$21.39	\$42,801.39	\$21.75	\$43,521.75	\$25.00	\$50,025.00	\$18.74	\$37,488.74
125	TYPE P7.5 GUTTER	LF	184.00	\$22.00	\$4,048.00	\$21.39	\$3,935.76	\$21.75	\$4,002.00	\$25.00	\$4,600.00	\$24.00	\$4,416.00
126	PCC FILLET AND PAN (REINFORCED), 7.5"	SY	157.10	\$109.50	\$17,202.45	\$112.46	\$17,667.47	\$110.00	\$17,281.00	\$115.00	\$18,066.50	\$111.36	\$17,494.66
127	PCC ADA CROSSWALK WITH TRANSITION PAVEMENT (REINFORCED), 7.5"	SY	93.80	\$91.50	\$8,582.70	\$82.08	\$7,699.10	\$81.50	\$7,644.70	\$85.00	\$7,973.00	\$124.25	\$11,654.65
128	PCC SIDEWALK, 4" NONREINFORCED	SF	28,620.00	\$5.75	\$164,565.00	\$4.81	\$137,662.20	\$6.75	\$193,185.00	\$7.00	\$200,340.00	\$7.74	\$221,518.80
129	PCC TYPE "C" RETAINING WALL (0'-2" TALL)	LF	119.00	\$105.00	\$12,495.00	\$117.78	\$14,015.82	\$118.50	\$14,101.50	\$135.00	\$16,065.00	\$138.84	\$16,283.96
130	PCC CURB HEAD AT SIDEWALK, 9" MAX	LF	934.00	\$38.75	\$36,192.50	\$22.51	\$21,024.34	\$22.00	\$20,548.00	\$25.00	\$23,350.00	\$15.17	\$14,168.78
131	PCC STAIRWAY, SD-DOT PLATE 480.31 W/RAILING	SF	106.00	\$175.00	\$18,550.00	\$140.32	\$14,873.92	\$220.00	\$23,320.00	\$185.00	\$19,510.00	\$108.88	\$11,329.28
132	DETECTABLE WARNING PANNEL	SF	200.00	\$32.00	\$6,400.00	\$39.39	\$7,878.00	\$39.75	\$7,950.00	\$40.00	\$8,000.00	\$65.43	\$13,086.00
133	RETRACTABLE BOLLARDS	EA	3.00	\$1,100.00	\$3,300.00	\$521.29	\$1,563.87	\$1,190.00	\$3,570.00	\$1,000.00	\$3,000.00	\$894.17	\$2,082.51
134	NONRETRACTABLE BOLLARDS	EA	2.00	\$738.50	\$1,477.00	\$645.89	\$1,291.78	\$855.00	\$1,710.00	\$440.00	\$880.00	\$394.18	\$788.36
135	PAVING GRID (TERRAM BODPAVE 85)	SF	0.00	\$4.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
136	WOVEN GEOTEXTILE SUBGRADE REINFORCEMENT	SY	2,500.00	\$2.75	\$6,875.00	\$3.73	\$9,325.00	\$3.00	\$7,500.00	\$2.80	\$7,000.00	\$2.89	\$7,225.00
137	GEOGRID SUBGRADE REINFORCEMENT	SY	4,850.00	\$2.75	\$13,337.50	\$3.73	\$18,090.50	\$3.00	\$14,550.00	\$2.75	\$13,337.50	\$2.99	\$14,501.50
138	SIGN POST, 2" X 2" TUBE	EA	3.00	\$168.75	\$506.25	\$206.33	\$618.99	\$250.00	\$750.00	\$235.00	\$705.00	\$210.60	\$631.80
139	REGULATORY SIGN, R1-1 (STOP)	EA	1.00	\$148.00	\$148.00	\$100.22	\$100.22	\$145.00	\$145.00	\$145.00	\$145.00	\$131.63	\$131.63
140	REGULATORY SIGN, D3 (STREET NAME) WILLOW AVE.	EA	2.00	\$135.50	\$271.00	\$49.52	\$99.04	\$145.00	\$290.00	\$145.00	\$290.00	\$131.62	\$263.24
141	REGULATORY SIGN, D3 (STREET NAME) EAST UTAH ST.	EA	2.00	\$135.50	\$271.00	\$49.52	\$99.04	\$145.00	\$290.00	\$145.00	\$290.00	\$131.63	\$263.26
142	REGULATORY SIGN, D3 (STREET NAME) IVY AVE.	EA	2.00	\$135.50	\$271.00	\$49.52	\$99.04	\$145.00	\$290.00	\$145.00	\$290.00	\$131.62	\$263.24
143	REGULATORY SIGN, D3 (STREET NAME) EAST FAIRLANE DR.	EA	2.00	\$135.50	\$271.00	\$49.52	\$99.04	\$145.00	\$290.00	\$145.00	\$290.00	\$131.62	\$263.24
144	RESET REGULATORY SIGN POST WITH PLATES	EA	2.00	\$175.00	\$350.00	\$117.90	\$235.80	\$30.00	\$60.00	\$30.00	\$60.00	\$26.32	\$52.64
145	HONEY LOCUST - MINIMUM 2" CALIPER	EA	1.00	\$510.00	\$510.00	\$819.43	\$819.43	\$790.00	\$790.00	\$800.00	\$800.00	\$731.81	\$731.81

146	AUTUMN BLAZE MAPLE - MINIMUM 2" CALIPER	EA	3.00	\$510.00	\$1,530.00	\$819.43	\$2,458.29	\$790.00	\$2,370.00	\$800.00	\$2,400.00	\$731.82	\$2,195.46
147	JAPANESE LILAC - MINIMUM 2" CALIPER	EA	2.00	\$510.00	\$1,020.00	\$819.43	\$1,638.86	\$790.00	\$1,580.00	\$800.00	\$1,600.00	\$731.82	\$1,463.64
148	LANDSCAPE ROCK 2" DIA., 6" THICK WITH FILTER FABRIC	SY	543.00	\$28.50	\$15,475.50	\$8.82	\$4,789.26	\$13.75	\$7,466.25	\$14.00	\$7,602.00	\$15.18	\$8,242.74
149	(NEENAH R-4959-OX SOLID FRAME AND GRATE, END FRAMES, CONCRETE PAN, AND GRAVEL CUSHION)	LS	1.00	\$1,750.00	\$1,750.00	\$6,828.54	\$6,828.54	\$7,185.00	\$7,185.00	\$7,800.00	\$7,800.00	\$5,070.95	\$5,070.95
150	NEENAH CURB OPENING (R-3262-3)	EA	1.00	\$150.00	\$150.00	\$379.86	\$379.86	\$1,000.00	\$1,000.00	\$110.00	\$110.00	\$97.98	\$97.98
151	4" PVC SDR-35 DRAIN	LF	18.00	\$20.00	\$360.00	\$14.10	\$253.80	\$100.00	\$1,800.00	\$27.00	\$486.00	\$48.57	\$874.26
152	4" PVC SDR-35 CAP	EA	1.00	\$50.00	\$50.00	\$69.87	\$69.87	\$75.00	\$75.00	\$2.00	\$2.00	\$70.03	\$70.03
153	TURF REINFORCEMENT MAT (WESTERN EXCELSIOR PPS EXTREME ARMOR OR EQUIV.)	SY	270.00	\$30.00	\$8,100.00	\$6.48	\$1,749.60	\$7.75	\$2,092.50	\$8.00	\$2,160.00	\$7.11	\$1,919.70
	HAUL AND DISPOSE OF EXCESS EMBANKMENT MATERIAL	CY	3,809.00	\$8.00	\$30,472.00	\$7.76	\$29,557.84	\$10.00	\$38,090.00	\$14.00	\$53,326.00	\$11.84	\$45,098.56
<b>TOTAL BASE BID</b>													
<b>ADD-ON ALTERNATE NUMBER 1</b>													
A1	ACC PAVING MOBILIZATION	LS	3.00	\$2,450.00	\$7,350.00	\$1,179.03	\$3,537.09	\$1,300.00	\$3,900.00	\$1,150.00	\$3,450.00	\$1,052.97	\$3,158.91
A2	ASPHALT CONCRETE, CLASS G, TYPE 1, PG84-28	TON	1,358.00	\$95.00	\$129,010.00	\$99.63	\$135,297.54	\$100.00	\$135,800.00	\$94.00	\$127,652.00	\$88.96	\$120,834.64
A3	AGGREGATE BASE COURSE, 3/4"	TON	2,351.00	\$22.00	\$51,722.00	\$21.18	\$49,794.18	\$20.00	\$47,020.00	\$28.80	\$67,708.80	\$24.03	\$66,494.53
A4	WOVEN GEOTEXTILE SUBGRADE REINFORCEMENT	SY	2,500.00	\$2.75	\$6,875.00	\$3.73	\$9,325.00	\$3.00	\$7,500.00	\$3.00	\$7,500.00	\$2.99	\$7,475.00
A5	GEOGRID SUBGRADE REINFORCEMENT	SY	6,300.00	\$2.75	\$17,325.00	\$3.73	\$23,499.00	\$3.00	\$18,900.00	\$3.00	\$18,900.00	\$2.99	\$18,837.00
A6	PCC PAVEMENT, 6" REINFORCED	SY	221.00	\$74.00	\$16,354.00	\$82.08	\$18,139.68	\$79.50	\$17,569.50	\$83.00	\$18,343.00	\$89.51	\$19,781.71
A7	CONCRETE FILLET AND PAN (REINFORCED), 6"	SY	105.50	\$102.00	\$10,761.00	\$107.97	\$11,390.84	\$105.55	\$11,135.53	\$110.00	\$11,605.00	\$108.25	\$11,420.38
A8	PCC CROSSWALK WITH TRANSITION PAVEMENT (REINFORCED), 6"	SY	44.00	\$97.75	\$4,301.00	\$82.08	\$3,611.52	\$80.50	\$3,542.00	\$83.00	\$3,662.00	\$154.99	\$6,819.56
A9	TYPE B66 CURB AND GUTTER	LF	2,621.50	\$22.00	\$57,673.00	\$20.26	\$53,111.59	\$20.50	\$53,740.75	\$23.00	\$60,294.50	\$17.03	\$44,644.15
A10	TYPE P6 GUTTER	LF	622.50	\$22.00	\$13,695.00	\$20.26	\$12,611.85	\$20.50	\$12,761.25	\$23.00	\$14,317.50	\$21.12	\$13,147.20
<b>TOTAL ADD-ON ALTERNATE NUMBER 1</b>													
<b>ADD-ON ALTERNATE NUMBER 2</b>													
A11	PCC PAVING MOBILIZATIONS	EA	4.00	\$5,112.30	\$20,449.20	\$1,479.15	\$5,916.80	\$1,400.00	\$5,600.00	\$1,500.00	\$6,000.00	\$1,893.97	\$7,575.88
A12	AGGREGATE BASE COURSE, 3/4"	TON	1,655.00	\$22.00	\$36,410.00	\$23.43	\$38,776.85	\$20.00	\$33,100.00	\$28.80	\$47,694.00	\$24.35	\$40,299.25



A13	WOVEN GEOTEXTILE SUBGRADE REINFORCEMENT	SY	2,500.00	\$2.75	\$6,875.00	\$3.73	\$9,325.00	\$3.00	\$7,500.00	\$2.80	\$7,000.00	\$2.99	\$7,475.00
A14	GEOGRID SUBGRADE REINFORCEMENT	SY	2,500.00	\$2.75	\$6,875.00	\$3.73	\$9,325.00	\$3.00	\$7,500.00	\$2.35	\$5,875.00	\$2.99	\$7,475.00
A15	PCC PAVEMENT, 7.5" NONREINFORCED, W/ DOWELS	SY	5,293.00	\$68.50	\$362,570.50	\$83.89	\$444,029.77	\$81.75	\$432,702.75	\$82.00	\$434,026.00	\$61.25	\$324,196.25
A16	CONCRETE FILLET AND PAN (REINFORCED), 7.5"	SY	105.50	\$109.00	\$11,499.50	\$115.66	\$12,202.13	\$110.00	\$11,605.00	\$110.00	\$11,605.00	\$108.25	\$11,420.38
A17	PCC CROSSWALK WITH TRANSITION PAVEMENT (REINFORCED), 7.5"	SY	43.20	\$91.50	\$3,952.80	\$53.39	\$2,306.45	\$80.50	\$3,477.60	\$82.00	\$3,542.40	\$157.86	\$6,819.55
A18	TYPE B67.5 CURB AND GUTTER	LF	2,621.50	\$22.00	\$57,673.00	\$21.99	\$57,646.79	\$21.55	\$56,493.33	\$24.00	\$62,916.00	\$19.02	\$49,660.93
A19	TYPE P7.5 GUTTER	LF	622.50	\$22.00	\$13,695.00	\$21.99	\$13,688.78	\$21.55	\$13,414.88	\$24.00	\$14,940.00	\$21.12	\$13,147.20
TOTAL ADD-ON ALTERNATE NUMBER 2													
TOTAL BASE BID													
TOTAL BASE BID + ADD-ON ALTERNATE NUMBER 1													
TOTAL BASE BID + ADD-ON ALTERNATE NUMBER 2													

**CONSULTANT**

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

*Austin Hbellein* 11/1/18

Kate Nabors, PE Date

Sperlich Consulting, Inc.

Austin Hbellein

CITY OF RAPID CITY

Reviewed by:

*Nicole Lecy* 10/31/18

Mary Bosworth, PE Date

Nicole Lecy