

**BID SUMMARY**  
February 22, 2011

**1. No. CC022211-02.1 – Canyon Lake Drive Reconstruction Project No. WTP10-878 / CIP No. 50004  
(Opened on February 15, 2011)**

ADVERTISING AUTHORITY			\$9,720,000.00
ENGINEER'S ESTIMATE			\$10,100,000.00
	Base Bid	Alternate No. 1	Alternate No. 2
1. R.C.S. Construction, Inc.**	\$8,578,001.43	\$516,826.60	\$569,613.00
2. Heavy Constructors, Inc.**	\$12,227,687.45	\$531,648.97	\$486,986.95
3. Stanley J Johnson Concrete Contractor, Inc.**	\$11,825,305.28	\$686,903.00	\$686,903.00

\* Cashier's Check, Money Order or Bank Draft Submitted

\*\* Bid Bond Submitted

**2. No. CC022211-02.2 – Pavement Rehabilitation Project #1 Sheridan Lake Road Project No. ST11-1910 / CIP No. 50844 (Opened on February 15, 2011)**

ADVERTISING AUTHORITY			\$110,000.00
ENGINEER'S ESTIMATE			\$139,775.75
	Base Bid	Alternate No. 1	
1. J & J Asphalt Company**	\$140,156.85	\$13,307.80	
2. Simon Contractors of SD, Inc.**	\$124,205.40	\$12,598.50	
3. Hills Materials Company**	\$124,551.34	\$12,731.54	

\* Cashier's Check, Money Order or Bank Draft Submitted

\*\* Bid Bond Submitted

**3. No. CC022211-02.3 – Pavement Rehabilitation Project #2 Lakota Homes Project No. ST11-1911 / CIP No. 50549 (Opened on February 15, 2011)**

ADVERTISING AUTHORITY		\$345,000.00
ENGINEER'S ESTIMATE		\$343,761.50
	Base Bid	
1. J & J Asphalt Company**	\$285,303.40	
2. Simon Contractors of SD, Inc.**	\$315,736.80	
3. Hills Materials Company**	\$279,699.21	

\* Cashier's Check, Money Order or Bank Draft Submitted

\*\* Bid Bond Submitted

# BID AWARD SUMMARY

LETTING DATE: FEBRUARY 15, 2011

**PROJECT:** Canyon Lake Drive Reconstruction  
Project No. WTP10-878 / CIP No. 50004

**RECOMMENDATION:** Award Total Base Bid plus Alternate Bid 1 in the amount of \$9,094,828.03 to R.C.S. Construction Inc. at the February 22, 2011 Council Meeting.

## BIDDERS' SUMMARY

<u>Bidder</u>	<u>Base Bid</u>	<u>Alternate 1 Bid</u>	<u>Alternate 2 Bid</u>
R.C.S. Construction, Inc.	\$8,578,001.43	\$516,826.60	\$569,613.00
Stanley J. Johnsen Concrete Contractor, Inc.	\$11,825,305.28	\$686,903.00	\$686,903.00
Heavy Constructors, Inc.	\$12,227,687.45	\$531,648.97	\$486,986.95

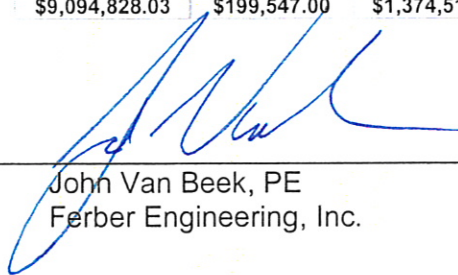
City staff recommends awarding this project to R.C.S. Construction, Inc. for a total bid amount of \$9,094,828.03 based on unit pricing with the following appropriation:

FUNDING SOURCE	TOTAL	STCM Streets	Sewer Enterprise	Streets	Drainage	Bonds/SRF Loans	Water Enterprise
ADVERTISING	\$9,720,000.00	\$200,000.00	\$1,757,300.00	\$1,750,000.00	\$1,250,000.00	\$3,580,400.00	\$1,182,300.00
AUTHORITY							
ENGINEER'S							
ESTIMATE	\$10,100,000	\$	\$	\$	\$	\$	\$

### APPROPRIATION DATA:


FUNDING SOURCE	TOTAL	STCM Streets	Sewer Enterprise	Streets	Drainage	Bonds/SRF Loans	Water Enterprise
COST CENTER		0301	0833	8910	8911	0932	0933
LINE ITEM		4370	4380	4370	4371	4381	4381
FUNDING CENTER		0101	0604	0505	0505	0602	0602
BID AMOUNT	\$9,094,828.03	\$199,547.00	\$1,374,513.00	\$1,759,201.00	\$1,127,571.00	\$3,795,142.03	\$838,854.00

CONSULTANT:

  
John Van Beek, PE  
Ferber Engineering, Inc.

DATE: February 16, 2011

PROJECT MANAGER:

  
Keith Johnson  
City of Rapid City

DATE: February 16, 2011

**PROJECT NAME: CANYON LAKE DRIVE RECONSTRUCTION**

**PROJECT NUMBER: PROJECT NO. WTP10-878 / CIP NO. 50004**

**LET DATE: FEBRUARY 15, 2011**

**LOW BID AMOUNT: \$8,578,001.43**

ITEM NO.	STD. BID ITEM NO.	DESCRIPTION OF ITEM	UNIT	QTY (EST)	ENGINEER'S ESTIMATE		RCS CONSTRUCTION INC		STANLEY J JOHNSEN CONCRETE CONTRACTOR INC		HEAVY CONSTRUCTORS INC	
					UNIT COST	TOTAL COST	UNIT COST	TOTAL COST	UNIT COST	TOTAL COST	UNIT COST	TOTAL COST
1	001.01	MOBILIZATION	LS	1.00	\$500,392.70	\$500,392.70	\$624,461.41	\$624,461.41	\$1,770,750.00	\$1,770,750.00	\$1,484,637.33	\$1,484,637.33
2	001.02	INCIDENTAL	LS	1.00	\$500,000.00	\$500,000.00	\$485,295.77	\$485,295.77	\$1,200,000.00	\$1,200,000.00	\$167,682.18	\$167,682.18
3	001.03	CONSTRUCTION STAKING	LS	1.00	\$150,000.00	\$150,000.00	\$105,133.87	\$105,133.87	\$92,500.00	\$92,500.00	\$98,126.90	\$98,126.90
4	001.04	REESTABLISH PROPERTY CORNERS	EA	20.00	\$150.00	\$3,000.00	\$120.48	\$2,409.60	\$115.00	\$2,300.00	\$109.32	\$2,186.40
5	001.08	ENGINEERS TRAILER	LS	1.00	\$10,000.00	\$10,000.00	\$3,409.75	\$3,409.75	\$20,000.00	\$20,000.00	\$7,157.12	\$7,157.12
6	A01.01.01	CLEARING & GRUBBING, TREES, 6"-18"	EA	21.00	\$300.00	\$6,300.00	\$236.37	\$4,963.77	\$500.00	\$10,500.00	\$515.67	\$10,829.07
7	A01.01.03	CLEARING & GRUBBING, TREES, 24"+	EA	10.00	\$600.00	\$6,000.00	\$339.11	\$3,391.10	\$700.00	\$7,000.00	\$721.94	\$7,219.40
8	A02.01	CLEARING & GRUBBING, STUMP	EA	13.00	\$150.00	\$1,950.00	\$164.55	\$2,139.15	\$500.00	\$6,500.00	\$515.67	\$6,703.71
9	A03.01	CLEARING & GRUBBING	LS	1.00	\$10,000.00	\$10,000.00	\$1,645.55	\$1,645.55	\$11,000.00	\$11,000.00	\$11,344.69	\$11,344.69
10	B01.03	REMOVE MANHOLE	EA	24.00	\$625.00	\$15,000.00	\$657.04	\$15,768.96	\$650.00	\$15,600.00	\$464.10	\$11,138.40
11	B02.02	REMOVE & SALVAGE FIRE HYDRANT & AUX VALVE	EA	14.00	\$500.00	\$7,000.00	\$657.04	\$9,198.56	\$500.00	\$7,000.00	\$773.50	\$10,829.00
12	B02.06	REMOVE/ABANDON WATER VALVE & BOX	EA	49.00	\$250.00	\$12,250.00	\$102.73	\$5,033.77	\$50.00	\$2,450.00	\$670.37	\$32,848.13
13	B03.01	REMOVE STORM SEWER MAIN	LF	3,435.00	\$14.50	\$49,807.50	\$9.77	\$33,559.95	\$12.00	\$41,220.00	\$12.38	\$42,525.30
14	B03.06	REMOVE STORM SEWER JUNCTION BOX	EA	7.00	\$1,000.00	\$7,000.00	\$388.69	\$2,720.83	\$750.00	\$5,250.00	\$773.50	\$5,414.50
15	B03.08	REMOVE TYPE "B" INLET	EA	32.00	\$300.00	\$9,600.00	\$229.19	\$7,334.08	\$500.00	\$16,000.00	\$515.67	\$16,501.44

16	B03.09	REMOVE TYPE "E" INLET	EA	11.00	\$600.00	\$6,600.00	\$312.56	\$3,438.16	\$750.00	\$8,250.00	\$773.50	\$8,508.50
17	B05.10	REMOVE AC PAVEMENT	SY	6,928.00	\$3.00	\$20,784.00	\$2.58	\$17,874.24	\$2.50	\$17,320.00	\$2.58	\$17,874.24
18	B05.10.01	REMOVE AC DRIVEWAY	SY	1,813.00	\$5.00	\$9,065.00	\$2.58	\$4,677.54	\$4.00	\$7,252.00	\$4.13	\$7,487.69
19	B05.13	REMOVE PCC PAVEMENT	SY	25,742.00	\$8.00	\$205,936.00	\$2.78	\$71,562.76	\$6.25	\$160,887.50	\$6.96	\$179,164.32
20	B05.14	REMOVE PCC APPROACH PAVEMENT	SY	2,472.00	\$6.00	\$14,832.00	\$2.78	\$6,872.16	\$9.00	\$22,248.00	\$9.28	\$22,940.16
21	B05.15	REMOVE PCC DRIVEWAY PAVEMENT	SY	623.00	\$6.00	\$3,738.00	\$2.78	\$1,731.94	\$12.00	\$7,476.00	\$12.38	\$7,712.74
22	B05.18	REMOVE CONCRETE CURB & GUTTER	LF	10,602.00	\$3.00	\$31,806.00	\$2.66	\$28,201.32	\$2.00	\$21,204.00	\$2.06	\$21,840.12
23	B05.22	REMOVE CONCRETE FILLET & PAN	SY	590.00	\$10.00	\$5,900.00	\$2.78	\$1,640.20	\$14.00	\$8,260.00	\$14.44	\$8,519.60
24	B05.25	REMOVE CONCRETE SIDEWALK	SF	51,502.00	\$1.50	\$77,253.00	\$2.47	\$127,209.94	\$0.40	\$20,600.80	\$0.41	\$21,115.82
25	B05.27	REMOVE RETAINING WALL	LF	1,904.00	\$10.00	\$19,040.00	\$7.81	\$14,870.24	\$15.00	\$28,560.00	\$15.47	\$29,454.88
26	B05.27.01	REPLACE WOOD WALL	LF	117.00	\$20.00	\$2,340.00	\$20.26	\$2,370.42	\$7.00	\$819.00	\$28.88	\$3,378.96
27	B05.28	REMOVE & REPLACE PCC PANEL, 7"	SY	142.00	\$100.00	\$14,200.00	\$66.53	\$9,447.26	\$250.00	\$35,500.00	\$103.13	\$14,644.46
28	B05.41.01	REMOVE AND RESET PLAYGROUND EQUIPMENT	LS	1.00	\$5,000.00	\$5,000.00	\$4,286.54	\$4,286.54	\$5,000.00	\$5,000.00	\$5,156.68	\$5,156.68
29	B06.01	REMOVE FENCE	LF	426.00	\$5.00	\$2,130.00	\$2.27	\$967.02	\$5.31	\$2,262.06	\$6.19	\$2,636.94
30	B06.03.01	REMOVE CHAIN LINK FENCE	LF	864.00	\$5.00	\$4,320.00	\$2.17	\$1,874.88	\$4.25	\$3,672.00	\$1.55	\$1,339.20
31	B06.03.02	RESET CHAIN LINK FENCE	LF	864.00	\$8.50	\$7,344.00	\$3.82	\$3,300.48	\$11.20	\$9,676.80	\$4.64	\$4,008.96
32	B06.03.02 1	RESET FENCE	LF	99.00	\$15.00	\$1,485.00	\$10.23	\$1,012.77	\$15.15	\$1,499.85	\$20.63	\$2,042.37
33	B06.06	REMOVE AND RESET MAILBOX	EA	107.00	\$175.00	\$18,725.00	\$223.46	\$23,910.22	\$200.00	\$21,400.00	\$206.27	\$22,070.89
34	B08.04.01	REMOVE AND REPLACE POST	EA	66.00	\$25.00	\$1,650.00	\$60.64	\$4,002.24	\$30.00	\$1,980.00	\$30.94	\$2,042.04
35	B08.05	REMOVE AND SALVAGE SIGN	EA	61.00	\$65.00	\$3,965.00	\$56.83	\$3,466.63	\$75.00	\$4,575.00	\$51.57	\$3,145.77
36	C02.01	EXCAVATION, UNCLASSIFIED	CY	28,771.00	\$8.00	\$230,168.00	\$4.48	\$128,894.08	\$9.50	\$273,324.50	\$9.80	\$281,955.80
37	C02.04.01	CRUSHED ROCK	T	500.00	\$35.00	\$17,500.00	\$18.05	\$9,025.00	\$20.00	\$10,000.00	\$20.63	\$10,315.00

38	C02.09	UNDERCUT	CY	17,035.00	\$8.00	\$136,280.00	\$5.16	\$87,900.60	\$9.50	\$161,832.50	\$9.80	\$166,943.00
39	C07.01	PLACING TOPSOIL	CY	1,369.00	\$15.00	\$20,535.00	\$5.35	\$7,324.15	\$23.75	\$32,513.75	\$29.21	\$39,988.49
40	C07.05	SODDING	SY	7,108.00	\$10.00	\$71,080.00	\$7.33	\$52,101.64	\$6.00	\$42,648.00	\$6.65	\$47,268.20
41	C07.06	HAULING AND PLACING CO-COMPOST	CY	342.00	\$25.00	\$8,550.00	\$25.48	\$8,714.16	\$10.25	\$3,505.50	\$24.53	\$8,389.26
42	C08.03	SEEDING, FERTILIZING, & MULCHING	SY	5,214.00	\$1.50	\$7,821.00	\$1.70	\$8,863.80	\$1.40	\$7,299.60	\$1.55	\$8,081.70
43	C09.02	4" UNDERDRAIN	LF	10,582.00	\$10.00	\$105,820.00	\$8.90	\$94,179.80	\$9.50	\$100,529.00	\$9.80	\$103,703.60
44	C09.02.01	4" UNDERDRAIN TERMINATION CLEANOUT	EA	12.00	\$500.00	\$6,000.00	\$294.76	\$3,537.12	\$300.00	\$3,600.00	\$309.40	\$3,712.80
45	D01.01	EXCAVATION, ROCK (TRENCH)	CY	500.00	\$55.00	\$27,500.00	\$28.42	\$14,210.00	\$30.00	\$15,000.00	\$67.04	\$33,520.00
46	D06.02	PIPELINE ENCASEMENT	LF	2,000.00	\$35.00	\$70,000.00	\$46.72	\$93,440.00	\$45.00	\$90,000.00	\$113.45	\$226,900.00
47	D07.01	WATER MAIN INSULATION	SF	750.00	\$6.00	\$4,500.00	\$5.13	\$3,847.50	\$5.00	\$3,750.00	\$21.66	\$16,245.00
48	D08.01	CONTROLLED LOW STRENGTH MATERIAL	CY	300.00	\$110.00	\$33,000.00	\$107.33	\$32,199.00	\$125.00	\$37,500.00	\$137.17	\$41,151.00
49	F01.01	4" PVC WATER MAIN C-900, CLASS 235, DR 18	LF	31.00	\$40.00	\$1,240.00	\$25.16	\$779.96	\$40.00	\$1,240.00	\$18.56	\$575.36
50	F01.19	16" PVC WATER MAIN C-905, CLASS 235, DR 18	LF	28.00	\$100.00	\$2,800.00	\$47.53	\$1,330.84	\$65.00	\$1,820.00	\$67.04	\$1,877.12
51	F01.21	20" PVC WATER MAIN C-905, CLASS 235, DR 18	LF	6,400.00	\$120.00	\$768,000.00	\$65.42	\$418,688.00	\$83.00	\$531,200.00	\$73.22	\$468,608.00
52	F06.04	4" 90 DEGREE BEND	EA	1.00	\$300.00	\$300.00	\$208.21	\$208.21	\$290.00	\$290.00	\$340.35	\$340.35
53	F06.05	6" 11.25 DEGREE BEND	EA	1.00	\$350.00	\$350.00	\$282.69	\$282.69	\$330.00	\$330.00	\$453.80	\$453.80
54	F06.06	6" 22.5 DEGREE BEND	EA	1.00	\$350.00	\$350.00	\$280.68	\$280.68	\$330.00	\$330.00	\$464.09	\$464.09
55	F06.07	6" 45 DEGREE BEND	EA	25.00	\$325.00	\$8,125.00	\$282.54	\$7,063.50	\$350.00	\$8,750.00	\$474.41	\$11,860.25
56	F06.08	6" 90 DEGREE BEND	EA	3.00	\$340.00	\$1,020.00	\$297.60	\$892.80	\$375.00	\$1,125.00	\$495.04	\$1,485.12
57	F06.09	8" 11.25 DEGREE BEND	EA	5.00	\$355.00	\$1,775.00	\$331.64	\$1,658.20	\$390.00	\$1,950.00	\$510.51	\$2,552.55
58	F06.10	8" 22.5 DEGREE BEND	EA	9.00	\$345.00	\$3,105.00	\$339.34	\$3,054.06	\$400.00	\$3,600.00	\$525.98	\$4,733.82
59	F06.11	8" 45 DEGREE BEND	EA	45.00	\$400.00	\$18,000.00	\$341.26	\$15,356.70	\$400.00	\$18,000.00	\$525.98	\$23,669.10



60	F06.12	8" 90 DEGREE BEND	EA	3.00	\$425.00	\$1,275.00	\$364.32	\$1,092.96	\$425.00	\$1,275.00	\$546.61	\$1,639.83
61	F06.13	10" 11.25 DEGREE BEND	EA	2.00	\$600.00	\$1,200.00	\$465.96	\$931.92	\$600.00	\$1,200.00	\$794.13	\$1,588.26
62	F06.14	10" 22.5 DEGREE BEND	EA	1.00	\$600.00	\$600.00	\$477.50	\$477.50	\$625.00	\$625.00	\$794.13	\$794.13
63	F06.15	10" 45 DEGREE BEND	EA	11.00	\$625.00	\$6,875.00	\$481.34	\$5,294.74	\$625.00	\$6,875.00	\$794.13	\$8,735.43
64	F06.16	10" 90 DEGREE BEND	EA	3.00	\$650.00	\$1,950.00	\$525.55	\$1,576.65	\$670.00	\$2,010.00	\$794.13	\$2,382.39
65	F06.17	12" 11.25 DEGREE BEND	EA	3.00	\$625.00	\$1,875.00	\$546.07	\$1,638.21	\$650.00	\$1,950.00	\$794.13	\$2,382.39
66	F06.18	12" 22.5 DEGREE BEND	EA	4.00	\$650.00	\$2,600.00	\$565.30	\$2,261.20	\$650.00	\$2,600.00	\$794.13	\$3,176.52
67	F06.19	12" 45 DEGREE BEND	EA	13.00	\$675.00	\$8,775.00	\$590.28	\$7,673.64	\$700.00	\$9,100.00	\$794.13	\$10,323.69
68	F06.20	12" 90 DEGREE BEND	EA	2.00	\$800.00	\$1,600.00	\$630.64	\$1,261.28	\$750.00	\$1,500.00	\$794.13	\$1,588.26
69	F06.27	16" 45 DEGREE BEND	EA	2.00	\$2,000.00	\$4,000.00	\$1,079.35	\$2,158.70	\$1,600.00	\$3,200.00	\$1,433.56	\$2,867.12
70	F06.33	20" 11.25 DEGREE BEND	EA	3.00	\$2,500.00	\$7,500.00	\$1,513.78	\$4,541.34	\$2,100.00	\$6,300.00	\$2,114.24	\$6,342.72
71	F06.34	20" 22.5 DEGREE BEND	EA	3.00	\$2,750.00	\$8,250.00	\$1,591.04	\$4,773.12	\$2,100.00	\$6,300.00	\$2,217.38	\$6,652.14
72	F06.35	20" 45 DEGREE BEND	EA	6.00	\$3,000.00	\$18,000.00	\$1,513.47	\$9,080.82	\$2,100.00	\$12,600.00	\$2,155.49	\$12,932.94
73	F06.36	20" 90 DEGREE BEND	EA	2.00	\$3,000.00	\$6,000.00	\$3,460.11	\$6,920.22	\$4,300.00	\$8,600.00	\$2,382.39	\$4,764.78
74	F09.09	20" FLEXIBLE COUPLING	EA	15.00	\$3,500.00	\$52,500.00	\$1,947.54	\$29,213.10	\$2,600.00	\$39,000.00	\$1,247.92	\$18,718.80
75	F10.05	12" HIGH DEFLECTION COUPLING	EA	1.00	\$250.00	\$250.00	\$557.80	\$557.80	\$670.00	\$670.00	\$850.85	\$850.85
76	F11.02	6" MJ PLUG	EA	0.00	\$170.00	\$0.00	\$161.02	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
77	F11.03	8" MJ PLUG	EA	1.00	\$195.00	\$195.00	\$183.24	\$183.24	\$225.00	\$225.00	\$283.62	\$283.62
78	F11.05	12" MJ PLUG	EA	1.00	\$340.00	\$340.00	\$225.44	\$225.44	\$325.00	\$325.00	\$340.34	\$340.34
79	F12.03	8" X 6" REDUCER	EA	17.00	\$325.00	\$5,525.00	\$308.85	\$5,250.45	\$360.00	\$6,120.00	\$330.03	\$5,610.51
80	F12.05	10" X 6" REDUCER	EA	1.00	\$700.00	\$700.00	\$366.41	\$366.41	\$500.00	\$500.00	\$340.34	\$340.34
81	F12.07	12" X 6" REDUCER	EA	3.00	\$1,200.00	\$3,600.00	\$434.98	\$1,304.94	\$530.00	\$1,590.00	\$567.23	\$1,701.69

82	F12.08	12" X 8" REDUCER	EA	1.00	\$1,250.00	\$1,250.00	\$452.01	\$452.01	\$550.00	\$550.00	\$794.13	\$794.13
83	F12.27	12" X 10" REDUCER	EA	1.00	\$1,300.00	\$1,300.00	\$507.63	\$507.63	\$600.00	\$600.00	\$1,031.34	\$1,031.34
84	F12.39	24" X 20" REDUCER	EA	1.00	\$3,000.00	\$3,000.00	\$1,721.36	\$1,721.36	\$2,300.00	\$2,300.00	\$2,268.93	\$2,268.93
85	F13.03	6" X 6" X 6" TEE	EA	1.00	\$425.00	\$425.00	\$429.05	\$429.05	\$525.00	\$525.00	\$680.69	\$680.69
86	F13.05	8" X 8" X 6" TEE	EA	12.00	\$600.00	\$7,200.00	\$519.54	\$6,234.48	\$585.00	\$7,020.00	\$907.58	\$10,890.96
87	F13.06	8" X 8" X 8" TEE	EA	4.00	\$600.00	\$2,400.00	\$561.55	\$2,246.20	\$630.00	\$2,520.00	\$964.30	\$3,857.20
88	F13.09	10" X 10" X 8" TEE	EA	3.00	\$750.00	\$2,250.00	\$695.86	\$2,087.58	\$885.00	\$2,655.00	\$1,021.02	\$3,063.06
89	F13.10	10" X 10" X 10" TEE	EA	1.00	\$800.00	\$800.00	\$774.55	\$774.55	\$975.00	\$975.00	\$1,247.91	\$1,247.91
90	F13.11	12" X 12" X 4" TEE	EA	1.00	\$750.00	\$750.00	\$693.59	\$693.59	\$840.00	\$840.00	\$907.58	\$907.58
91	F13.12	12" X 12" X 6" TEE	EA	10.00	\$800.00	\$8,000.00	\$745.51	\$7,455.10	\$900.00	\$9,000.00	\$1,247.92	\$12,479.20
92	F13.13	12" X 12" X 8" TEE	EA	21.00	\$850.00	\$17,850.00	\$793.28	\$16,658.88	\$950.00	\$19,950.00	\$1,567.63	\$32,920.23
93	F13.14	12" X 12" X 10" TEE	EA	1.00	\$875.00	\$875.00	\$896.35	\$896.35	\$1,030.00	\$1,030.00	\$1,644.98	\$1,644.98
94	F13.15	12" X 12" X 12" TEE	EA	7.00	\$1,000.00	\$7,000.00	\$955.93	\$6,691.51	\$1,100.00	\$7,700.00	\$1,815.15	\$12,706.05
95	F13.21	16" X 16" X 6" TEE	EA	1.00	\$2,000.00	\$2,000.00	\$1,322.38	\$1,322.38	\$1,900.00	\$1,900.00	\$2,042.05	\$2,042.05
96	F13.34	20" X 20" X 6" TEE	EA	8.00	\$3,000.00	\$24,000.00	\$1,843.77	\$14,750.16	\$2,500.00	\$20,000.00	\$2,836.17	\$22,689.36
97	F13.35	20" X 20" X 8" TEE	EA	1.00	\$3,500.00	\$3,500.00	\$1,875.91	\$1,875.91	\$2,550.00	\$2,550.00	\$2,836.17	\$2,836.17
98	F13.37	20" X 20" X 12" TEE	EA	3.00	\$3,500.00	\$10,500.00	\$2,119.50	\$6,358.50	\$2,800.00	\$8,400.00	\$3,630.30	\$10,890.90
99	F13.39	20" X 20" X 16" TEE	EA	1.00	\$4,000.00	\$4,000.00	\$2,264.93	\$2,264.93	\$2,950.00	\$2,950.00	\$3,996.42	\$3,996.42
100	F14.06	8" X 8" X 8" TAPPING SLEEVE WITH VALVE	EA	1.00	\$3,000.00	\$3,000.00	\$2,621.63	\$2,621.63	\$6,100.01	\$6,100.01	\$4,878.21	\$4,878.21
101	F14.10	10" X 10" X 10" TAPPING SLEEVE WITH VALVE	EA	1.00	\$3,500.00	\$3,500.00	\$4,024.30	\$4,024.30	\$7,600.01	\$7,600.01	\$6,579.93	\$6,579.93
102	F15.01	4" GATE VALVE W/ BOX	EA	1.00	\$1,000.00	\$1,000.00	\$1,147.84	\$1,147.84	\$1,100.00	\$1,100.00	\$1,082.90	\$1,082.90
103	F15.02	6" GATE VALVE W/ BOX	EA	8.00	\$1,050.00	\$8,400.00	\$1,290.52	\$10,324.16	\$1,200.00	\$9,600.00	\$1,134.47	\$9,075.76

104	F15.03	8" GATE VALVE W/ BOX	EA	31.00	\$1,350.00	\$41,850.00	\$1,630.79	\$50,554.49	\$1,700.00	\$52,700.00	\$1,907.97	\$59,147.07
105	F15.04	10" GATE VALVE W/ BOX	EA	5.00	\$1,800.00	\$9,000.00	\$2,162.36	\$10,811.80	\$2,300.00	\$11,500.00	\$2,578.34	\$12,891.70
106	F15.05	12" GATE VALVE W/BOX	EA	42.00	\$2,500.00	\$105,000.00	\$2,521.47	\$105,901.74	\$2,800.00	\$117,600.00	\$3,094.01	\$129,948.42
107	F15.07	16" GATE VALVE W/BOX	EA	1.00	\$8,000.00	\$8,000.00	\$7,032.38	\$7,032.38	\$9,000.00	\$9,000.00	\$10,313.34	\$10,313.34
108	F15.09	20" GATE VALVE W/ BOX	EA	10.00	\$17,500.00	\$175,000.00	\$12,945.92	\$129,459.20	\$15,300.00	\$153,000.00	\$15,779.44	\$157,794.40
109	F17.01	FIRE HYDRANT W/AUX VALVE, BOX & LEAD	EA	30.00	\$5,400.00	\$162,000.00	\$4,227.14	\$126,814.20	\$5,000.00	\$150,000.00	\$4,744.14	\$142,324.20
110	F20.01	1" COPPER SERVICE	LF	2,100.00	\$32.00	\$67,200.00	\$26.91	\$56,511.00	\$30.00	\$63,000.00	\$25.78	\$54,138.00
111	F20.07	1 1/2" COPPER SERVICE	LF	250.00	\$38.00	\$9,500.00	\$36.71	\$9,177.50	\$41.00	\$10,250.00	\$42.28	\$10,570.00
112	F23.01	1" TAPPING SADDLE	EA	84.00	\$250.00	\$21,000.00	\$206.89	\$17,378.76	\$200.00	\$16,800.00	\$381.59	\$32,053.56
113	F23.03	1 1/2" TAPPING SADDLE & CORP STOP	EA	8.00	\$300.00	\$2,400.00	\$335.53	\$2,684.24	\$365.00	\$2,920.00	\$433.16	\$3,465.28
114	F24.01	1" CURB STOP & BOX	EA	83.00	\$350.00	\$29,050.00	\$361.52	\$30,006.16	\$360.00	\$29,880.00	\$495.04	\$41,088.32
115	F24.03	1 1/2" CURB STOP & BOX	EA	8.00	\$500.00	\$4,000.00	\$568.82	\$4,550.56	\$600.00	\$4,800.00	\$587.86	\$4,702.88
116	F25.01	ABANDON WATER TRANSMISSION MAIN - FILLED	LS	1.00	\$10,000.00	\$10,000.00	\$5,768.10	\$5,768.10	\$71,500.00	\$71,500.00	\$25,783.40	\$25,783.40
117	F25.03.01	18" METER PIT ABANDONMENT	LS	1.00	\$2,500.00	\$2,500.00	\$2,353.35	\$2,353.35	\$3,100.00	\$3,100.00	\$2,887.74	\$2,887.74
118	F25.03.02	CEDAR HILLS BOOSTER PUMP STATION ABANDONMENT	LS	1.00	\$15,000.00	\$15,000.00	\$10,107.71	\$10,107.71	\$4,200.00	\$4,200.00	\$2,887.74	\$2,887.74
119	F25.03.03	SIOUX SAN CONTROL VALVE ABANDONMENT	LS	1.00	\$7,500.00	\$7,500.00	\$5,430.11	\$5,430.11	\$4,500.00	\$4,500.00	\$28,361.74	\$28,361.74
120	F25.03.04	WELL NO. 3 ABANDONMENT	LS	1.00	\$5,000.00	\$5,000.00	\$54,249.66	\$54,249.66	\$54,000.00	\$54,000.00	\$55,692.13	\$55,692.13
121	F26.01	CONNECT TO EXISTING WATER MAIN	EA	35.00	\$1,250.00	\$43,750.00	\$483.27	\$16,914.45	\$3,200.00	\$112,000.00	\$2,062.67	\$72,193.45
122	F26.03	RECONNECT WATER SERVICE	EA	84.00	\$300.00	\$25,200.00	\$165.32	\$13,886.88	\$600.00	\$50,400.00	\$257.83	\$21,657.72
123	F29.01.01	SIOUX SAN PRV VAULT	LS	1.00	\$25,000.00	\$25,000.00	\$23,486.39	\$23,486.39	\$23,000.00	\$23,000.00	\$15,036.88	\$15,036.88
124	F29.01.02	CEDAR HILLS #2 PRV	LS	1.00	\$30,000.00	\$30,000.00	\$20,752.27	\$20,752.27	\$47,500.00	\$47,500.00	\$61,235.63	\$61,235.63
125	F33.01	CATHODIC CONTROL TEST STATION	EA	12.00	\$400.00	\$4,800.00	\$336.79	\$4,041.48	\$400.00	\$4,800.00	\$1,856.41	\$22,276.92



126	F33.03	CATHODIC PROTECTION ANODE, 18 LB - ZINC	EA	500.00	\$225.00	\$112,500.00	\$212.86	\$106,430.00	\$380.00	\$190,000.00	\$70.13	\$35,065.00
127	F33.03.01	CATHODIC PROTECTION ANODE, STRING	EA	16.00	\$1,800.00	\$28,800.00	\$1,592.77	\$25,484.32	\$2,000.00	\$32,000.00	\$1,650.14	\$26,402.24
128	G01.06	18" RCP, CLASS III	LF	2,996.00	\$45.00	\$134,820.00	\$43.16	\$129,307.36	\$57.00	\$170,772.00	\$58.79	\$176,134.84
129	G01.09	24" RCP, CLASS III	LF	1,138.00	\$65.00	\$73,970.00	\$52.32	\$59,540.16	\$65.00	\$73,970.00	\$67.04	\$76,291.52
130	G01.11	30" RCP, CLASS III	LF	474.00	\$75.00	\$35,550.00	\$65.71	\$31,146.54	\$83.00	\$39,342.00	\$85.60	\$40,574.40
131	G01.13	36" RCP, CLASS II	LF	842.00	\$95.00	\$79,990.00	\$84.99	\$71,561.58	\$105.00	\$88,410.00	\$108.29	\$91,180.18
132	G01.19	54" RCP, CLASS II	LF	12.00	\$200.00	\$2,400.00	\$202.60	\$2,431.20	\$275.00	\$3,300.00	\$283.62	\$3,403.44
133	G03.07	36" RCP, CLASS II, ARCH	LF	26.00	\$125.00	\$3,250.00	\$109.16	\$2,838.16	\$140.00	\$3,640.00	\$144.39	\$3,754.14
134	G03.13	54" RCP, CLASS II, ARCH	LF	28.00	\$200.00	\$5,600.00	\$177.21	\$4,961.88	\$300.00	\$8,400.00	\$309.40	\$8,663.20
135	G05.01	36" RCP ARCH TO 36" ROUND TRANSITION	EA	1.00	\$750.00	\$750.00	\$2,133.55	\$2,133.55	\$3,500.00	\$3,500.00	\$3,609.68	\$3,609.68
136	G12.12	18" RCP 45 DEGREE BEND	EA	6.00	\$800.00	\$4,800.00	\$672.19	\$4,033.14	\$1,600.00	\$9,600.00	\$1,650.14	\$9,900.84
137	G12.16	24" RCP 30 DEGREE BEND	EA	1.00	\$1,000.00	\$1,000.00	\$1,032.25	\$1,032.25	\$2,050.00	\$2,050.00	\$2,114.24	\$2,114.24
138	G12.17	24" RCP 45 DEGREE BEND	EA	1.00	\$1,000.00	\$1,000.00	\$1,032.25	\$1,032.25	\$2,050.00	\$2,050.00	\$2,114.23	\$2,114.23
139	G12.26	36" RCP 30 DEGREE BEND	EA	2.00	\$1,500.00	\$3,000.00	\$1,610.28	\$3,220.56	\$2,750.00	\$5,500.00	\$2,836.18	\$5,672.36
140	G12.27	36" RCP 45 DEGREE BEND	EA	6.00	\$1,700.00	\$10,200.00	\$1,610.28	\$9,661.68	\$2,750.00	\$16,500.00	\$2,836.17	\$17,017.02
141	G15.06	36" RCP PLUG/CAP	EA	1.00	\$500.00	\$500.00	\$208.77	\$208.77	\$800.00	\$800.00	\$825.07	\$825.07
142	G21.09	24" X 24" X 18" TEE	EA	1.00	\$675.00	\$675.00	\$1,242.91	\$1,242.91	\$2,250.00	\$2,250.00	\$2,320.50	\$2,320.50
143	G22.12	54" ARCH X 54" ARCH X 18" RCP TEE	EA	1.00	\$1,500.00	\$1,500.00	\$2,476.43	\$2,476.43	\$4,000.00	\$4,000.00	\$4,125.35	\$4,125.35
144	G27.03	6' X 6' JUNCTION BOX	EA	1.00	\$6,500.00	\$6,500.00	\$5,663.74	\$5,663.74	\$8,300.00	\$8,300.00	\$10,376.94	\$10,376.94
145	G27.04	7' X 7' JUNCTION BOX	EA	1.00	\$8,000.00	\$8,000.00	\$6,686.67	\$6,686.67	\$9,150.00	\$9,150.00	\$12,330.41	\$12,330.41
146	G27.04	ADJUST JUNCTION BOX RIM	EA	1.00	\$525.00	\$525.00	\$980.03	\$980.03	\$500.00	\$500.00	\$1,378.34	\$1,378.34
147	G27.04.01	REINFORCED CONCRETE SPILLWAY	SY	36.00	\$95.00	\$3,420.00	\$162.53	\$5,851.08	\$250.00	\$9,000.00	\$359.45	\$12,940.20

148	G31.01	TYPE "B" INLET	EA	60.00	\$3,000.00	\$180,000.00	\$2,290.25	\$137,415.00	\$2,176.00	\$130,560.00	\$4,161.69	\$249,701.40
149	G31.01.01	TYPE "C" INLET	EA	2.00	\$3,500.00	\$7,000.00	\$3,375.82	\$6,751.64	\$3,000.00	\$6,000.00	\$4,521.14	\$9,042.28
150	G31.01.02	CLIFTON STREET SPECIAL INLET	EA	1.00	\$17,250.00	\$17,250.00	\$22,816.92	\$22,816.92	\$19,250.00	\$19,250.00	\$11,408.29	\$11,408.29
151	G31.01.03	HILLSVIEW DRIVE SPECIAL INLET	EA	1.00	\$15,000.00	\$15,000.00	\$21,514.76	\$21,514.76	\$14,125.00	\$14,125.00	\$11,408.28	\$11,408.28
152	G31.01.04	RED DALE DRIVE SPECIAL INLET	EA	1.00	\$18,750.00	\$18,750.00	\$25,665.05	\$25,665.05	\$19,926.00	\$19,926.00	\$11,408.29	\$11,408.29
153	G31.03	TYPE "E" INLET	EA	2.00	\$4,300.00	\$8,600.00	\$3,366.68	\$6,733.36	\$5,500.00	\$11,000.00	\$6,524.65	\$13,049.30
154	G31.03.01	TYPE "S" INLET	EA	6.00	\$4,000.00	\$24,000.00	\$3,594.00	\$21,564.00	\$3,900.00	\$23,400.00	\$7,962.43	\$47,774.58
155	G38.01	CONNECT TO EXISTING STORM SEWER	EA	17.00	\$1,000.00	\$17,000.00	\$569.65	\$9,684.05	\$3,000.00	\$51,000.00	\$3,094.01	\$52,598.17
156	G39.01	DRAINAGE FABRIC	SY	1,000.00	\$3.00	\$3,000.00	\$4.15	\$4,150.00	\$2.50	\$2,500.00	\$5.16	\$5,160.00
157	H01.02	EROSION AND SEDIMENT CONTROL PLAN	LS	1.00	\$11,000.00	\$11,000.00	\$568.29	\$568.29	\$1,000.00	\$1,000.00	\$7,704.60	\$7,704.60
158	H07.01	EROSION CONTROL BLANKET	SY	250.00	\$4.00	\$1,000.00	\$4.55	\$1,137.50	\$2.25	\$562.50	\$2.32	\$580.00
159	H10.01	TURF REINFORCEMENT MAT	SY	353.00	\$10.00	\$3,530.00	\$9.67	\$3,413.51	\$6.50	\$2,294.50	\$6.70	\$2,365.10
160	H12.01	SILT FENCE	LF	1,050.00	\$5.00	\$5,250.00	\$5.06	\$5,313.00	\$3.50	\$3,675.00	\$3.61	\$3,790.50
161	H15.02	12" SEDIMENT CONTROL LOG	LF	10,500.00	\$6.25	\$65,625.00	\$5.00	\$52,500.00	\$3.25	\$34,125.00	\$3.35	\$35,175.00
162	H15.02.01	GUTTER CHECK DAM	LF	400.00	\$6.50	\$2,600.00	\$3.95	\$1,580.00	\$5.00	\$2,000.00	\$5.16	\$2,064.00
163	H16.01.01	PROTECT TYPE B/C INLET	EA	100.00	\$125.00	\$12,500.00	\$102.73	\$10,273.00	\$100.00	\$10,000.00	\$103.13	\$10,313.00
164	H16.01.02	PROTECT TYPE E/S INLET	EA	38.00	\$150.00	\$5,700.00	\$161.64	\$6,142.32	\$100.00	\$3,800.00	\$103.13	\$3,918.94
165	H18.01	TRIANGULAR SILT BARRIER	LF	460.00	\$15.00	\$6,900.00	\$5.78	\$2,658.80	\$8.00	\$3,680.00	\$8.25	\$3,795.00
166	D09.01	TYPE I BEDDING MATERIAL	T	350.00	\$17.00	\$5,950.00	\$16.87	\$5,904.50	\$20.50	\$7,175.00	\$43.32	\$15,162.00
167	D10.02	TYPE III FOUNDATION MATERIAL	T	500.00	\$21.00	\$10,500.00	\$18.05	\$9,025.00	\$35.00	\$17,500.00	\$21.66	\$10,830.00
168	D10.03	TYPE IV FOUNDATION MATERIAL	T	1,050.00	\$23.00	\$24,150.00	\$18.05	\$18,952.50	\$35.00	\$36,750.00	\$24.75	\$25,987.50
169	E02.01	8" PVC SEWER MAIN (0'-6')	LF	121.00	\$35.00	\$4,235.00	\$25.73	\$3,113.33	\$37.00	\$4,477.00	\$19.34	\$2,340.14

170	E02.02	8" PVC SEWER MAIN ( 6'- 8' )	LF	638.00	\$40.00	\$25,520.00	\$25.73	\$16,415.74	\$37.00	\$23,606.00	\$20.42	\$13,027.96
171	E02.03	8" PVC SEWER MAIN ( 8'-10' )	LF	1,388.00	\$45.00	\$62,460.00	\$25.73	\$35,713.24	\$54.00	\$74,952.00	\$19.60	\$27,204.80
172	E02.04	8" PVC SEWER MAIN (10'-12' )	LF	1,562.00	\$47.50	\$74,195.00	\$27.07	\$42,283.34	\$73.00	\$114,026.00	\$22.17	\$34,629.54
173	E02.05	8" PVC SEWER MAIN (12'-14' )	LF	1,019.00	\$50.00	\$50,950.00	\$27.07	\$27,584.33	\$90.00	\$91,710.00	\$22.69	\$23,121.11
174	E02.06	8" PVC SEWER MAIN (14'-16' )	LF	672.00	\$60.00	\$40,320.00	\$28.04	\$18,842.88	\$140.00	\$94,080.00	\$25.78	\$17,324.16
175	E02.06.01	8" PVC C-900 SANITARY SEWER MAIN ( 6'- 8' ), DR 18	LF	334.00	\$50.00	\$16,700.00	\$29.16	\$9,739.44	\$41.00	\$13,694.00	\$21.66	\$7,234.44
176	E02.06.02	8" PVC C-900 SANITARY SEWER MAIN ( 8'-10' ), DR 18	LF	726.00	\$55.00	\$39,930.00	\$29.16	\$21,170.16	\$58.00	\$42,108.00	\$22.69	\$16,475.12
177	E02.06.03	8" PVC C-900 SANITARY SEWER MAIN (10'-12' ), DR 18	LF	153.00	\$60.00	\$9,180.00	\$30.50	\$4,666.50	\$77.00	\$11,781.00	\$23.72	\$3,629.16
178	E02.06.04	8" PVC C-900 SANITARY SEWER MAIN (12'-14' ), DR 18	LF	29.00	\$65.00	\$1,885.00	\$32.05	\$929.45	\$94.00	\$2,726.00	\$25.78	\$747.62
179	E11.03	8" SANITARY SEWER CAP	EA	3.00	\$200.00	\$600.00	\$124.19	\$372.57	\$130.00	\$390.00	\$386.75	\$1,160.25
180	E14.01	4" PVC SANITARY SEWER SERVICE	LF	2,100.00	\$30.00	\$63,000.00	\$27.97	\$58,737.00	\$50.00	\$105,000.00	\$18.05	\$37,905.00
181	E14.02	6" PVC SANITARY SEWER SERVICE	LF	24.00	\$40.00	\$960.00	\$23.72	\$569.28	\$60.00	\$1,440.00	\$1,392.30	\$33,415.20
182	E15.01	STANDARD MANHOLE, 48"	EA	33.00	\$2,750.00	\$90,750.00	\$2,893.99	\$95,501.67	\$3,300.00	\$108,900.00	\$2,062.67	\$68,068.11
183	E17.01	TERMINATION MANHOLE, 48"	EA	8.00	\$2,750.00	\$22,000.00	\$2,799.95	\$22,399.60	\$3,200.00	\$25,600.00	\$2,268.94	\$18,151.52
184	E18.01	DROP MANHOLE, 48"	EA	4.00	\$3,500.00	\$14,000.00	\$3,851.46	\$15,405.84	\$4,750.00	\$19,000.00	\$2,990.87	\$11,963.48
185	E18.03	DROP MANHOLE, 72"	EA	1.00	\$6,000.00	\$6,000.00	\$7,490.29	\$7,490.29	\$10,500.00	\$10,500.00	\$9,416.11	\$9,416.11
186	E19.01	EXTRA MANHOLE DEPTH, 48"	VF	189.80	\$200.00	\$37,960.00	\$100.94	\$19,158.41	\$300.00	\$56,940.00	\$139.38	\$26,454.32
187	E21.01	4" PVC SEWER CLEANOUT	EA	74.00	\$225.00	\$16,650.00	\$181.96	\$13,465.04	\$180.00	\$13,320.00	\$417.69	\$30,909.06
188	E21.02	6" PVC SEWER CLEANOUT	EA	1.00	\$250.00	\$250.00	\$232.88	\$232.88	\$250.00	\$250.00	\$567.23	\$567.23
189	E24.02	CONNECT TO EXISTING SEWER MAIN	EA	17.00	\$550.00	\$9,350.00	\$288.65	\$4,907.05	\$1,100.00	\$18,700.00	\$1,598.57	\$27,175.69
190	E24.04	RECONNECT SANITARY SEWER SERVICE	EA	69.00	\$350.00	\$24,150.00	\$186.25	\$12,851.25	\$800.00	\$55,200.00	\$412.53	\$28,464.57
191	E27.01	SANITARY SEWER MANHOLE ADJUSTMENT	EA	1.00	\$500.00	\$500.00	\$215.45	\$215.45	\$200.00	\$200.00	\$360.98	\$360.98

192	E28.01	BYPASS PUMPING	LS	1.00	\$15,000.00	\$15,000.00	\$7,300.36	\$7,300.36	\$14,000.00	\$14,000.00	\$33,002.74	\$33,002.74
193	I01.02	AGGREGATE BASE COURSE, 1"	T	2,714.00	\$18.50	\$50,209.00	\$19.55	\$53,058.70	\$22.00	\$59,708.00	\$22.69	\$61,580.66
194	I02.01	GRAVEL CUSHION	T	11,091.00	\$19.00	\$210,729.00	\$19.55	\$216,829.05	\$22.00	\$244,002.00	\$22.69	\$251,654.79
195	I02.03	TEMPORARY GRAVEL SURFACING	T	1,000.00	\$19.00	\$19,000.00	\$16.87	\$16,870.00	\$21.00	\$21,000.00	\$21.66	\$21,660.00
196	I02.03	GRAVEL SURFACING	T	456.00	\$19.00	\$8,664.00	\$16.87	\$7,692.72	\$21.00	\$9,576.00	\$21.66	\$9,876.96
197	I03.04	WOVEN GEOTEXTILE SUBGRADE REINFORCEMENT	SY	2,500.00	\$4.00	\$10,000.00	\$4.99	\$12,475.00	\$3.00	\$7,500.00	\$3.09	\$7,725.00
198	I04.03	AC, CLASS G, TYPE 1 PG64-28	T	2,030.00	\$100.00	\$203,000.00	\$104.91	\$212,967.30	\$92.30	\$187,369.00	\$95.19	\$193,235.70
199	I14.05	CONCRETE ADA CURBSIDE DRIVEWAY APPROACH PAVEMENT 6", REINFORCED	SY	434.00	\$75.00	\$32,550.00	\$59.11	\$25,653.74	\$81.00	\$35,154.00	\$143.78	\$62,400.52
200	I14.05.01	CONCRETE ADA CURBSIDE DRIVEWAY APPROACH PAVEMENT 6",NONREINFORCED	SY	455.00	\$50.00	\$22,750.00	\$56.83	\$25,857.65	\$73.00	\$33,215.00	\$129.40	\$58,877.00
201	I14.05.02	PCC DRIVEWAY PAVEMENT, 4" REINFORCED	SY	353.00	\$50.00	\$17,650.00	\$40.92	\$14,444.76	\$55.00	\$19,415.00	\$86.27	\$30,453.31
202	I15.03	PCC DRIVEWAY PAVEMENT, 6" REINFORCED	SY	219.00	\$75.00	\$16,425.00	\$59.11	\$12,945.09	\$72.00	\$15,768.00	\$100.64	\$22,040.16
203	I16.05	PCC PAVEMENT, 8" NONREINFORCED	SY	20,935.00	\$48.00	\$1,004,880.00	\$50.01	\$1,046,959.35	\$54.00	\$1,130,490.00	\$86.27	\$1,806,062.45
204	I18.03	PCC DRIVEWAY PAVEMENT 6", NONREINFORCED	SY	99.00	\$50.00	\$4,950.00	\$55.69	\$5,513.31	\$79.00	\$7,821.00	\$100.64	\$9,963.36
205	I19.01	CONCRETE CURB & GUTTER, TYPE B66	LF	3,243.00	\$18.00	\$58,374.00	\$14.77	\$47,899.11	\$29.00	\$94,047.00	\$29.90	\$96,965.70
206	I19.05	CONCRETE CURB & GUTTER, TYPE B68	LF	458.00	\$20.00	\$9,160.00	\$17.62	\$8,069.96	\$30.00	\$13,740.00	\$32.77	\$15,008.66
207	I21.14.01	CONCRETE CURB AND GUTTER, TYPE P6	LF	374.00	\$18.00	\$6,732.00	\$15.34	\$5,737.16	\$29.00	\$10,846.00	\$29.90	\$11,182.60
208	I21.14.02	CURBED BIKE LANE	LF	8,803.00	\$30.00	\$264,090.00	\$31.82	\$280,111.46	\$23.00	\$202,469.00	\$80.22	\$706,176.66
209	I24.05	CONCRETE FILLET & PAN, 8" REINFORCED	SY	1,002.00	\$95.00	\$95,190.00	\$71.61	\$71,753.22	\$87.00	\$87,174.00	\$158.16	\$158,476.32
210	I24.05.02	SPALL REPAIR	SF	229.00	\$45.00	\$10,305.00	\$79.56	\$18,219.24	\$112.00	\$25,648.00	\$143.78	\$32,925.62
211	I25.03.01	PCC PAVEMENT JOINT RESEAL	LF	9,300.00	\$3.00	\$27,900.00	\$1.99	\$18,507.00	\$2.25	\$20,925.00	\$5.75	\$53,475.00
212	I29.02	DOWEL BAR	EA	18,524.00	\$10.00	\$185,240.00	\$9.09	\$168,383.16	\$11.25	\$208,395.00	\$13.40	\$248,221.60
213	I30.03	INSERT STEEL BAR IN CONCRETE	EA	508.00	\$18.00	\$9,144.00	\$11.37	\$5,775.96	\$14.00	\$7,112.00	\$28.76	\$14,610.08

214	I33.01	CONCRETE SIDEWALK, 4" NONREINFORCED	SF	56,903.00	\$5.00	\$284,515.00	\$5.29	\$301,016.87	\$3.90	\$221,921.70	\$7.91	\$450,102.73
215	I38.01	DETECTABLE WARNING PANEL	SF	432.00	\$40.00	\$17,280.00	\$31.82	\$13,746.24	\$30.00	\$12,960.00	\$71.89	\$31,056.48
216	I39.01.01	BLOCK RETAINING WALL (0'-2')	LF	155.00	\$25.00	\$3,875.00	\$100.02	\$15,503.10	\$61.25	\$9,493.75	\$90.76	\$14,067.80
217	I39.01.02	BLOCK RETAINING WALL (2'-4')	LF	154.00	\$35.00	\$5,390.00	\$170.49	\$26,255.46	\$82.50	\$12,705.00	\$154.70	\$23,823.80
218	I39.01.03	BLOCK RETAINING WALL (4'-6')	LF	57.00	\$50.00	\$2,850.00	\$227.32	\$12,957.24	\$170.00	\$9,690.00	\$206.27	\$11,757.39
219	I39.02.01	CONCRETE CANTILEVER RETAINING WALL (0'-2')	LF	370.00	\$58.00	\$21,460.00	\$56.83	\$21,027.10	\$151.00	\$55,870.00	\$215.67	\$79,797.90
220	I39.02.01	CONCRETE CANTILEVER RETAINING WALL (2'-4')	LF	283.00	\$65.00	\$18,395.00	\$170.49	\$48,248.67	\$279.00	\$78,957.00	\$323.50	\$91,550.50
221	I39.02.02	CONCRETE CANTILEVER RETAINING WALL (4'-6')	LF	83.00	\$75.00	\$6,225.00	\$187.53	\$15,564.99	\$275.00	\$22,825.00	\$431.34	\$35,801.22
222	I39.02.03	CONCRETE CANTILEVER RETAINING WALL (6'-8')	LF	22.00	\$80.00	\$1,760.00	\$210.27	\$4,625.94	\$410.00	\$9,020.00	\$539.17	\$11,861.74
223	I39.02.04	HANDRAIL REPAIR	LF	485.00	\$50.00	\$24,250.00	\$48.51	\$23,527.35	\$28.90	\$14,016.50	\$30.94	\$15,005.90
224	I39.03	CONCRETE RETAINING WALL W/ STAIRS (0'-7')	LS	1.00	\$6,000.00	\$6,000.00	\$5,114.62	\$5,114.62	\$15,715.00	\$15,715.00	\$14,665.43	\$14,665.43
225	J20.02	LARGE DECIDUOUS TREE (2-3" CAL)	EA	12.00	\$650.00	\$7,800.00	\$420.53	\$5,046.36	\$400.00	\$4,800.00	\$381.59	\$4,579.08
226	J20.02.01	SMALL DECIDUOUS TREE (2-3" CAL)	EA	19.00	\$650.00	\$12,350.00	\$420.53	\$7,990.07	\$330.00	\$6,270.00	\$381.59	\$7,250.21
227	J21.02	CONIFEROUS TREE (5')	EA	19.00	\$500.00	\$9,500.00	\$511.46	\$9,717.74	\$375.00	\$7,125.00	\$464.10	\$8,817.90
228	J22.04	LILAC BUSH	EA	20.00	\$50.00	\$1,000.00	\$68.19	\$1,363.80	\$55.00	\$1,100.00	\$61.88	\$1,237.60
229	L01.01	PAVEMENT MARKING PAINT, 4" WHITE	LF	382.00	\$2.00	\$764.00	\$2.27	\$867.14	\$6.00	\$2,292.00	\$2.06	\$786.92
230	L03.01	COLD APPLIED PLASTIC PAVEMENT MARKING, 4"	LF	25,550.00	\$3.00	\$76,650.00	\$2.96	\$75,628.00	\$2.40	\$61,320.00	\$2.68	\$68,474.00
231	L03.03	COLD APPLIED PLASTIC PAVEMENT MARKING, 12"	LF	633.00	\$10.00	\$6,330.00	\$7.95	\$5,032.35	\$7.00	\$4,431.00	\$7.22	\$4,570.26
232	L03.05	COLD APPLIED PLASTIC PAVEMENT MARKING, 24"	LF	444.00	\$17.00	\$7,548.00	\$20.46	\$9,084.24	\$14.00	\$6,216.00	\$18.56	\$8,240.64
233	L03.06	COLD APPLIED PLASTIC PAVEMENT MARKING, ARROW	EA	70.00	\$150.00	\$10,500.00	\$284.15	\$19,890.50	\$175.00	\$12,250.00	\$257.83	\$18,048.10
234	L03.06.01	COLD APPLIED PLASTIC PAVEMENT MARKING, BICYCLE & ARROW WHITE	EA	63.00	\$200.00	\$12,600.00	\$454.64	\$28,642.32	\$250.00	\$15,750.00	\$412.53	\$25,989.39
235	L04.01	GROOVE FOR COLD APPLIED PLASTIC MARKING, 4"	LF	25,550.00	\$0.35	\$8,942.50	\$0.68	\$17,374.00	\$1.25	\$31,937.50	\$0.62	\$15,841.00



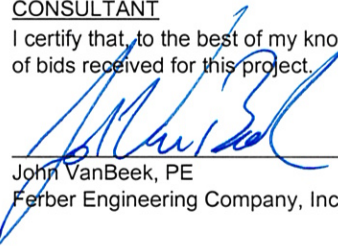
236	L04.03	GROOVE FOR COLD APPLIED PLASTIC MARKING, 12"	LF	633.00	\$1.50	\$949.50	\$1.70	\$1,076.10	\$3.00	\$1,899.00	\$1.55	\$981.15
237	L04.05	GROOVE FOR COLD APPLIED PLASTIC MARKING, 24"	LF	444.00	\$2.00	\$888.00	\$4.55	\$2,020.20	\$6.00	\$2,664.00	\$4.13	\$1,833.72
238	L04.06	GROOVE FOR COLD APPLIED PLASTIC MARKING, ARROW	EA	70.00	\$90.00	\$6,300.00	\$142.07	\$9,944.90	\$150.00	\$10,500.00	\$128.92	\$9,024.40
239	L04.06.01	GROOVE FOR COLD APPLIED PLASTIC MARKING, BICYCLE & ARROW WHITE	EA	63.00	\$150.00	\$9,450.00	\$170.49	\$10,740.87	\$225.00	\$14,175.00	\$154.70	\$9,746.10
240	L05.01	PERMANENT SIGN	EA	114.00	\$250.00	\$28,500.00	\$198.90	\$22,674.60	\$220.00	\$25,080.00	\$180.48	\$20,574.72
241	L06.01	TRAFFIC CONTROL	LS	1.00	\$150,000.00	\$150,000.00	\$300,035.89	\$300,035.89	\$96,000.00	\$96,000.00	\$262,732.80	\$262,732.80
242	L06.03	FLAGGING	HR	6,000.00	\$21.00	\$126,000.00	\$25.86	\$155,160.00	\$24.00	\$144,000.00	\$35.61	\$213,660.00
243	L06.05	ARROW PANEL	EA	8.00	\$1,500.00	\$12,000.00	\$909.26	\$7,274.08	\$200.00	\$1,600.00	\$825.07	\$6,600.56
244	L06.06	PORTABLE CHANGEABLE MESSAGE SIGN	EA	4.00	\$3,000.00	\$12,000.00	\$6,819.49	\$27,277.96	\$8,750.00	\$35,000.00	\$6,188.02	\$24,752.08
245	K01.00	MISCELLANEOUS ELECTRICAL DEMOLITION	LS	1.00	\$3,000.00	\$3,000.00	\$1,704.87	\$1,704.87	\$1,500.00	\$1,500.00	\$8,848.86	\$8,848.86
246	K01.01	2" RIGID CONDUIT, SCHEDULE 40	LF	9,810.00	\$3.50	\$34,335.00	\$3.41	\$33,452.10	\$3.00	\$29,430.00	\$3.09	\$30,312.90
247	K01.05	2" RIGID CONDUIT, SCHEDULE 80	LF	4,090.00	\$5.50	\$22,495.00	\$2.96	\$12,106.40	\$2.60	\$10,634.00	\$2.68	\$10,961.20
248	K02.07	1/C #6 AWG COPPER WIRE	LF	28,085.00	\$1.10	\$30,893.50	\$0.99	\$27,804.15	\$0.87	\$24,433.95	\$0.90	\$25,276.50
249	K02.09	1/C #10 AWG COPPER WIRE	LF	13,850.00	\$0.53	\$7,340.50	\$0.52	\$7,202.00	\$0.46	\$6,371.00	\$0.47	\$6,509.50
250	K04.01	2/C #10 COPPER POLE AND BRACKET CABLE	LF	1,940.00	\$2.17	\$4,209.80	\$1.81	\$3,511.40	\$1.60	\$3,104.00	\$1.65	\$3,201.00
251	K04.02	#16 AWG COPPER TWIST SHIELDED PAIR	LF	1,030.00	\$1.00	\$1,030.00	\$0.57	\$587.10	\$0.50	\$515.00	\$0.52	\$535.60
252	K05.02	TYPE 2 ELECTRICAL JUNCTION BOX	EA	77.00	\$450.00	\$34,650.00	\$413.72	\$31,856.44	\$364.00	\$28,028.00	\$375.41	\$28,906.57
253	K06.08	ROADWAY 50' POLE AND LUMINAIRE ARM (FURNISHED BY CITY, INSTALLED BY CONTRACTOR)	EA	9.00	\$800.00	\$7,200.00	\$1,852.63	\$16,673.67	\$1,630.00	\$14,670.00	\$1,681.08	\$15,129.72
254	K07.02.01	SIGNAL POLE W/ 30' MAST ARM	EA	2.00	\$10,000.00	\$20,000.00	\$8,933.54	\$17,867.08	\$7,860.00	\$15,720.00	\$8,106.30	\$16,212.60
255	K08.03	ROADWAY 400 WATT LUMINAIRE (FURNISHED AND INSTALLED BY CONTRACTOR)	EA	9.00	\$425.00	\$3,825.00	\$358.02	\$3,222.18	\$315.00	\$2,835.00	\$324.87	\$2,923.83
256	K11.01	2' DIAMETER FOOTING	LF	305.00	\$100.00	\$30,500.00	\$79.56	\$24,265.80	\$70.00	\$21,350.00	\$72.19	\$22,017.95

257	K11.03	3' DIAMETER FOOTING	LF	30.00	\$200.00	\$6,000.00	\$159.12	\$4,773.60	\$140.00	\$4,200.00	\$144.39	\$4,331.70
258	K13.01	ELECTRICAL SERVICE CABINET	EA	4.00	\$2,000.00	\$8,000.00	\$1,818.53	\$7,274.12	\$1,600.00	\$6,400.00	\$1,650.14	\$6,600.56
259	K17.04.01	PEDESTRIAN PUSH BUTTON AND POLE	EA	2.00	\$600.00	\$1,200.00	\$636.49	\$1,272.98	\$560.00	\$1,120.00	\$577.55	\$1,155.10
260	K18.01	PREFORMED DETECTOR LOOP	EA	21.00	\$525.00	\$11,025.00	\$386.44	\$8,115.24	\$340.00	\$7,140.00	\$350.65	\$7,363.65
261	K19.02	RELOCATE SIGNAL POLE	EA	1.00	\$6,500.00	\$6,500.00	\$1,432.10	\$1,432.10	\$1,260.00	\$1,260.00	\$1,299.48	\$1,299.48
262	K19.03	RELOCATE/REINSTALL EXISTING 40' POLE AND LUMINAIRE ARM	EA	28.00	\$600.00	\$16,800.00	\$1,193.41	\$33,415.48	\$1,050.00	\$29,400.00	\$1,082.90	\$30,321.20
263	K19.03.01	REMOVE LUMINAIRE FOOTING	EA	25.00	\$150.00	\$3,750.00	\$472.74	\$11,818.50	\$600.00	\$15,000.00	\$618.80	\$15,470.00
264	K20.01	REMOVE LUMINAIRE POLE AND LUMINAIRE	EA	28.00	\$75.00	\$2,100.00	\$255.73	\$7,160.44	\$225.00	\$6,300.00	\$232.05	\$6,497.40
265	K20.01.01	RELOCATE/REINSTALL EXISTING 250 WATT LUMINAIRE	EA	28.00	\$150.00	\$4,200.00	\$22.73	\$636.44	\$20.00	\$560.00	\$20.63	\$577.64
266	K22.01	SCHOOL ZONE SIGNAL MODIFICATIONS (RELOCATE EXISTING EQUIPMENT TO NEW POLE)	LS	1.00	\$4,000.00	\$4,000.00	\$3,046.04	\$3,046.04	\$2,680.00	\$2,680.00	\$2,949.62	\$2,949.62
267	K23.01	MISCELLANEOUS, ELECTRICAL	LS	1.00	\$10,000.00	\$10,000.00	\$2,273.16	\$2,273.16	\$2,000.00	\$2,000.00	\$2,062.67	\$2,062.67
268	K23.01.01	SOO SAN PRV VAULT ELECTRICAL WORK	LS	1.00	\$4,200.00	\$4,200.00	\$1,989.02	\$1,989.02	\$1,750.00	\$1,750.00	\$1,804.84	\$1,804.84
269		NEW WATER SERVICE CONNECTION	EA	3.00	\$300.00	\$900.00	\$587.96	\$1,763.88	\$775.00	\$2,325.00	\$923.05	\$2,769.15
270		NEW SANITARY SEWER SERVICE CONNECTION	EA	5.00	\$350.00	\$1,750.00	\$587.96	\$2,939.80	\$850.00	\$4,250.00	\$690.99	\$3,454.95
271		REPAIR EXISTING RETAINING WALL (CONCRETE PLANTER)	LF	296.00	\$100.00	\$29,600.00	\$45.46	\$13,456.16	\$79.00	\$23,384.00	\$103.13	\$30,526.48
272		CONTINGENCY WATER MAIN CONNECTION	LS	1.00	\$6,000.00	\$6,000.00	\$6,267.30	\$6,267.30	\$12,500.00	\$12,500.00	\$7,631.88	\$7,631.88
TOTAL BASE BID						\$9,402,710.00		\$8,578,001.43		\$11,825,305.28		\$12,227,687.45
ALT 1-1	F01.03	6" PVC WATER MAIN C-900, CLASS 235, DR 18 CERTAINTED CERTA LOK	LF	639.00	\$40.00	\$25,560.00	\$29.98	\$19,157.22	\$40.00	\$25,560.00	\$30.56	\$19,527.84
ALT 1-2	F01.07	8" PVC WATER MAIN C-900, CLASS 235, DR 18 CERTAINTED CERTA LOK	LF	2,909.00	\$50.00	\$145,450.00	\$35.10	\$102,105.90	\$47.00	\$136,723.00	\$34.99	\$101,785.91
ALT 1-3	F01.11	10" PVC WATER MAIN C-900, CLASS 235, DR 18 CERTAINTED CERTA LOK	LF	1,085.00	\$60.00	\$65,100.00	\$41.47	\$44,994.95	\$55.00	\$59,675.00	\$43.02	\$46,676.70
ALT 1-4	F01.15	12" PVC WATER MAIN C-900, CLASS 235, DR 18 CERTAINTED CERTA LOK	LF	7,153.00	\$70.00	\$500,710.00	\$49.01	\$350,568.53	\$65.00	\$464,945.00	\$50.84	\$363,658.52
TOTAL ALTERNATE ONE						\$736,820.00		\$516,826.60		\$686,903.00		\$531,648.97

ALT 2-1	F01.03	6" PVC WATER MAIN C-900, CLASS 235, DR 18 BULLDOG INTERNAL RESTRAINT	LF	639.00	\$26.00	\$16,614.00	\$31.39	\$20,058.21	\$40.00	\$25,560.00	\$29.53	\$18,869.67
ALT 2-2	F01.07	8" PVC WATER MAIN C-900, CLASS 235, DR 18 BULLDOG INTERNAL RESTRAINT	LF	2,909.00	\$38.00	\$110,542.00	\$37.80	\$109,960.20	\$47.00	\$136,723.00	\$33.96	\$98,789.64
ALT 2-3	F01.11	10" PVC WATER MAIN C-900, CLASS 235, DR 18 BULLDOG INTERNAL RESTRAINT	LF	1,085.00	\$46.00	\$49,910.00	\$45.99	\$49,899.15	\$55.00	\$59,675.00	\$41.88	\$45,439.80
ALT 2-4	F01.15	12" PVC WATER MAIN C-900, CLASS 235, DR 18 BULLDOG INTERNAL RESTRAINT	LF	7,153.00	\$55.00	\$393,415.00	\$54.48	\$389,695.44	\$65.00	\$464,945.00	\$45.28	\$323,887.84
<b>TOTAL ALTERNATE TWO</b>						<b>\$570,481.00</b>		<b>\$569,613.00</b>		<b>\$686,903.00</b>		<b>\$486,986.95</b>

CONSULTANT


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

  
 John VanBeek, PE  
 Ferber Engineering Company, Inc.

2/16/11  
 Date

CITY OF RAPID CITY

Reviewed by:

  
 Keith Johnson  
 Date



