

**CITY OF RAPID CITY CONSTRUCTION CHANGE ORDER #2
VAN BUREN STREET AND WATER MAIN RECONSTRUCTION
PROJECT NUMBER ST04-1362**

PW073107-06

JULY 9, 2007

ORIGINAL CONTRACT AMOUNT: \$824,325.00

CONTRACTOR: R.C.S. CONSTRUCTION, INC.

LINE ITEM	DESCRIPTION	UNIT	CURRENT CONTRACT QUANTITY	UNIT PRICE	EXTENDED PRICE	ADJUSTED QUANTITY	ADJUSTED PRICE	NET CHANGE
1	MOBILIZATION	LS	1.00	\$35,500.00	\$35,500.00	1.00	\$35,500.00	\$0.00
2	CONSTRUCTION STAKING	LS	1.00	\$10,600.00	\$10,600.00	1.00	\$10,600.00	\$0.00
3	CLEAR & GRUB TREE	EACH	6.00	\$470.00	\$2,820.00	16.00	\$7,520.00	\$4,700.00
4	CLEARING & GRUBBING	LS	1.00	\$1,670.00	\$1,670.00	1.00	\$1,670.00	\$0.00
5	4" PVC SERVICE LINE	LF	300.00	\$16.00	\$4,800.00	479.00	\$7,664.00	\$2,864.00
6	ADJUST MANHOLE RING & COVER	EACH	3.00	\$700.00	\$2,100.00	3.00	\$2,100.00	\$0.00
7	1" COPPER SERVICE	LF	2,500.00	\$15.00	\$37,500.00	2,184.00	\$32,760.00	(\$4,740.00)
8	6" PVC WATER MAIN	LF	140.00	\$20.00	\$2,800.00	126.00	\$2,520.00	(\$280.00)
9	8" PVC WATER MAIN	LF	72.00	\$25.00	\$1,800.00	76.00	\$1,900.00	\$100.00
10	12" PVC WATER MAIN	LF	16.00	\$37.00	\$592.00	16.00	\$592.00	\$0.00
11	16" PVC WATER MAIN	LF	2,500.00	\$45.00	\$112,500.00	2,500.00	\$112,500.00	\$0.00
12	1" TAPPING SADDLE & CORP STOP	EACH	75.00	\$200.00	\$15,000.00	74.00	\$14,800.00	(\$200.00)
13	1" CURB STOP & BOX	EACH	75.00	\$220.00	\$16,500.00	74.00	\$16,280.00	(\$220.00)
14	6" X 6" X 6" TEE	EACH	1.00	\$275.00	\$275.00	1.00	\$275.00	\$0.00
15	8" X 8" X 6" TEE	EACH	1.00	\$425.00	\$425.00	1.00	\$425.00	\$0.00
16	16"X16"X 6" TEE	EACH	6.00	\$1,370.00	\$8,220.00	5.00	\$6,850.00	(\$1,370.00)
17	16"X16"X 8" TEE	EACH	2.00	\$1,425.00	\$2,850.00	2.00	\$2,850.00	\$0.00
18	18" X 16" TAPPING TEE	EACH	1.00	\$7,430.00	\$7,430.00	1.00	\$7,430.00	\$0.00
19	6" 22.5 DEGREE BEND	EACH	2.00	\$245.00	\$490.00	0.00	\$0.00	(\$490.00)
20	8" 11.25 DEGREE BEND	EACH	1.00	\$220.00	\$220.00	0.00	\$0.00	(\$220.00)
21	16" 11.25 DEGREE BEND	EACH	4.00	\$910.00	\$3,640.00	2.00	\$1,820.00	(\$1,820.00)
22	16"X12" CROSS	EACH	1.00	\$1,930.00	\$1,930.00	1.00	\$1,930.00	\$0.00
23	8" MJ PLUG	EACH	1.00	\$170.00	\$170.00	1.00	\$170.00	\$0.00
24	12" MJ PLUG	EACH	2.00	\$380.00	\$760.00	2.00	\$760.00	\$0.00
25	8" GATE VALVE W/ BOX	EACH	2.00	\$1,122.00	\$2,244.00	2.00	\$2,244.00	\$0.00
26	16" GATE VALVE W/BOX	EACH	7.00	\$10,500.00	\$73,500.00	7.00	\$73,500.00	\$0.00
27	FIRE HYDRANT W/AUX VALVE	EACH	6.00	\$2,950.00	\$17,700.00	6.00	\$17,700.00	\$0.00
28	REMOVE AND SALVAGE FIRE HYDRANT & AUX VALVE	EACH	3.00	\$510.00	\$1,530.00	3.00	\$1,530.00	\$0.00
29	TIE TO EXISTING WATER MAIN	EACH	6.00	\$685.00	\$4,110.00	6.00	\$4,110.00	\$0.00
30	WATER MAIN ENCASEMENT	LF	90.00	\$22.00	\$1,980.00	90.00	\$1,980.00	\$0.00
31	WATER MAIN INSULATION	SY	40.00	\$9.00	\$360.00	0.00	\$0.00	(\$360.00)
32	WATER SERVICE RECONNECTION	EACH	75.00	\$94.00	\$7,050.00	75.00	\$7,050.00	\$0.00
33	16"X6" REDUCER	EACH	1.00	\$713.00	\$713.00	1.00	\$713.00	\$0.00
34	CORROSION PROTECTION TEST STATION	EACH	5.00	\$616.00	\$3,080.00	5.00	\$3,080.00	\$0.00
35	CORROSION PROTECTION	LS	1.00	\$17,315.00	\$17,315.00	1.00	\$17,315.00	\$0.00
36	MUCK EXCAVATION (TRENCH)	CY	300.00	\$7.00	\$2,100.00	0.00	\$0.00	(\$2,100.00)
37	TYPE I GRANULAR BACKFILL	TON	150.00	\$19.00	\$2,850.00	0.00	\$0.00	(\$2,850.00)
38	TYPE II FOUNDATION MATERIAL	TON	150.00	\$18.00	\$2,700.00	0.00	\$0.00	(\$2,700.00)
39	TYPE III FOUNDATION MATERIAL	TON	150.00	\$19.00	\$2,850.00	0.00	\$0.00	(\$2,850.00)

40	30" STEEL CASING (LACROSSE STREET BORE)	LF	50.00	\$580.00	\$29,000.00	50.00	\$29,000.00	\$29,000.00
41	UNCLASSIFIED EXCAVATION	CY	1,143.00	\$8.00	\$9,144.00	1,143.00	\$9,144.00	\$9,144.00
42	MUCK EXCAVATION	CY	150.00	\$7.00	\$1,050.00	0.00	\$0.00	(\$1,050.00)
43	CRUSHED ROCK	TON	250.00	\$19.00	\$4,750.00	0.00	\$0.00	(\$4,750.00)
44	REMOVE ASPHALT CONCRETE PAVEMENT	SY	1,500.00	\$3.00	\$4,500.00	1,505.00	\$4,515.00	\$15.00
45	REMOVE CONCRETE DRIVEWAY / APPROACH PAVEMENT	SY	495.00	\$4.00	\$1,980.00	503.00	\$2,012.00	\$32.00
46	REMOVE CONCRETE CURB AND GUTTER	LF	50.00	\$7.00	\$350.00	33.00	\$231.00	(\$119.00)
47	REMOVE CONCRETE FILLET	SY	155.00	\$5.00	\$775.00	155.00	\$775.00	\$0.00
48	REMOVE MONOLITIC CONCRETE CURB, GUTTER AND PAVEMENT	SY	2,400.00	\$4.00	\$9,600.00	2,400.00	\$9,600.00	\$0.00
49	REMOVE CONCRETE PAVEMENT	SY	150.00	\$4.00	\$600.00	105.00	\$420.00	(\$180.00)
50	REMOVE CONCRETE SIDEWALK	SY	840.00	\$4.00	\$3,360.00	754.00	\$3,016.00	(\$344.00)
51	REMOVE 12" RCP	LF	13.00	\$21.00	\$273.00	13.00	\$273.00	\$0.00
52	REMOVE TYPE E DROP INLET	EACH	1.00	\$270.00	\$270.00	1.00	\$270.00	\$0.00
53	AGGREGATE BASE COURSE	TON	1,844.00	\$17.00	\$31,348.00	1,167.02	\$19,839.34	(\$11,508.66)
54	PCC PAVEMENT PANEL REPLACEMENT, 7"	SY	86.00	\$65.00	\$5,590.00	43.00	\$2,795.00	(\$2,795.00)
55	ASPHALT CONCRETE, CLASS G, TYPE 1	TON	1,660.00	\$75.00	\$124,500.00	1,757.39	\$131,804.25	\$7,304.25
56	CONCRETE DRIVEWAY PAVEMENT, 6"	SY	465.00	\$70.00	\$32,550.00	465.00	\$32,550.00	\$0.00
57	CONCRETE "P6" GUTTER	LF	550.00	\$11.00	\$6,050.00	550.00	\$6,050.00	\$0.00
58	CONCRETE CURB & GUTTER, TYPE B66	LF	2,170.00	\$11.00	\$23,870.00	2,245.00	\$24,695.00	\$825.00
59	CONCRETE CURB & GUTTER, TYPE B67	LF	33.00	\$13.00	\$429.00	33.00	\$429.00	\$0.00
60	CONCRETE FILLET & PAN (REINFORCED), 6"	SY	275.00	\$64.00	\$17,600.00	275.00	\$17,600.00	\$0.00
61	CONCRETE SIDEWALK	SF	7,500.00	\$4.00	\$30,000.00	7,090.00	\$28,360.00	(\$1,640.00)
62	DETECTABLE WARNING PANEL	EACH	13.00	\$302.00	\$3,926.00	18.00	\$5,436.00	\$1,510.00
63	12" RCP, CLASS III	LF	22.00	\$49.00	\$1,078.00	24.00	\$1,176.00	\$98.00
64	12" RCP, 22.5 DEG BEND	EACH	1.00	\$424.00	\$424.00	0.00	\$0.00	(\$424.00)
65	3' X 10' TYPE E INLET	EACH	1.00	\$2,340.00	\$2,340.00	1.00	\$2,340.00	\$0.00
66	EROSION CONTROL, SILT FENCE	LF	1,000.00	\$6.00	\$6,000.00	0.00	\$0.00	(\$6,000.00)
67	REMOVE SILT FENCE	LF	1,000.00	\$1.42	\$1,420.00	0.00	\$0.00	(\$1,420.00)
68	SEEDING, FERTILIZING AND MULCHING	SY	3,000.00	\$1.39	\$4,170.00	3,000.00	\$4,170.00	\$0.00
69	COLD PLAST. MARKING, 12"	LF	495.00	\$12.00	\$5,940.00	475.00	\$5,700.00	(\$240.00)
70	COLD PLAST. MARKING, 24"	LF	612.00	\$27.00	\$16,524.00	419.00	\$11,313.00	(\$5,211.00)
71	REMOVE AND SALVAGE SIGN	EACH	8.00	\$61.00	\$488.00	8.00	\$488.00	\$0.00
72	RESEST SIGN	EACH	5.00	\$122.00	\$610.00	5.00	\$610.00	\$0.00
73	RESET SIGN WITH NEW POST	EACH	3.00	\$275.00	\$825.00	4.00	\$1,100.00	\$275.00
74	TRAFFIC CONTROL	LS	1.00	\$26,880.00	\$26,880.00	1.00	\$26,880.00	\$0.00
75	EROSION CONTROL	LS	1.00	\$1,481.00	\$1,481.00	1.00	\$1,481.00	\$0.00
76	WATER POLLUTION CONTROL	LS	1.00	\$1,965.00	\$1,965.00	1.00	\$1,965.00	\$0.00
77	INCIDENTAL WORK	LS	1.00	\$1,991.00	\$1,991.00	1.00	\$1,991.00	\$0.00
78	TYPE C WALL (0 -2 FEET) - CCO#1	LF	12.00	\$229.17	\$2,750.04	12.00	\$2,750.04	\$0.00
79	TEMPORARY SERVICE LINE CONNECTIONS- CCO#1	EACH	1.00	\$2,309.39	\$2,309.39	1.00	\$2,309.39	\$0.00
80	REPAIR SANITARY SEWER LINE- CCO#2	EACH	0.00	\$1,508.61	\$0.00	5.00	\$7,543.05	\$7,543.05
81	TEMPORARY PAINTED CROSSWALKS - CCO#2	LS	0.00	\$812.48	\$0.00	1.00	\$812.48	\$812.48
82	CAP EXISTING 6" WATERMAIN-CCO#2	EACH	0.00	\$100.00	\$0.00	1.00	\$100.00	\$100.00
83	6" 90 DEGREE BENDS - CCO#2	EACH	0.00	\$245.44	\$0.00	2.00	\$490.88	\$490.88
84	8" 45 DEGREE BENDS - CCO#2	EACH	0.00	\$280.35	\$0.00	2.00	\$560.70	\$560.70
85	PLACE ROCK 2"-3" - CCO#2	LS	0.00	\$1,650.00	\$0.00	1.00	\$1,650.00	\$1,650.00
TOTAL					\$829,384.43		\$802,383.13	(\$27,001.30)

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C.C.O. HISTORY INCREASE/(DECREASE)			PRIOR ADJUSTED CONTRACT PRICE :	\$829,384.43
	CCO #1	\$5,059.43	NET INCREASE/(DECREASE):	(\$27,001.30)
	CCO #2	(\$27,001.30)	ADJUSTED CONTRACT PRICE:	\$802,383.13
	CCO #3		CHANGE TO DATE:	(\$21,941.87)

CONTRACTOR: RCS CONSTRUCTION, INC. PO Box 9337, Rapid City, SD 57701	DATE
FERBER ENGINEERING COMPANY, INC.	DATE
PROJECT MANAGER: JOE JAGODZINSKI	DATE
MAYOR: ALAN HANKS	DATE
FINANCE: JAMES PRESTON	DATE
CONTRACT TIME CHANGE +: Days	NEW CONTRACT TIME: Days

Ferber Engineering recommends approval of this Change Order #2 to RCS Construction for an decrease of \$ 27,001.30 based on unit pricing with the following appropriation:

Initial Funding	\$343,753.22	\$424,922.56	\$7,671.04	\$47,978.18	\$824,325.00
Fund Type	Street	Water	Sanitary Sewer	Storm Sewer	
Fund	505	602	604	505	
Department	8910	933	833	8911	
Line Item	4370	4381	4380	4371	
CCO1		\$5,059.43			\$5,059.43
CCO2	(\$1,945.37)	(\$16,525.57)	\$10,450.76	(\$18,981.12)	(\$27,001.30)
Adjusted Funding	\$341,807.85	\$413,456.42	\$18,121.80	\$28,997.06	\$802,383.13

**CITY OF RAPID CITY CONSTRUCTION CHANGE ORDER #2
VAN BUREN STREET AND WATER MAIN RECONSTRUCTION**

PROJECT NUMBER ST04-1362

JULY 9, 2007

ORIGINAL CONTRACT AMOUNT: \$824,325.00

CONTRACTOR: R.C.S. CONSTRUCTION, INC.

LINE ITEM	DESCRIPTION	REASON FOR CHANGE
3	CLEAR & GRUB TREE	Final Quantities
5	4" PVC SERVICE LINE	Final Quantities
7	1" COPPER SERVICE	Final Quantities
8	6" PVC WATER MAIN	Final Quantities
9	8" PVC WATER MAIN	Final Quantities
12	1" TAPPING SADDLE & CORP STOP	Final Quantities
13	1" CURB STOP & BOX	Final Quantities
16	16"X16"X6" TEE	Final Quantities
19	6" 22.5 DEGREE BEND	Final Quantities
20	8" 11.25 DEGREE BEND	Final Quantities
21	16" 11.25 DEGREE BEND	Final Quantities
31	WATER MAIN INSULATION	Final Quantities
36	MUCK EXCAVATION (TRENCH)	Final Quantities
37	TYPE I GRANULAR BACKFILL	Final Quantities
38	TYPE II FOUNDATION MATERIAL	Final Quantities
39	TYPE III FOUNDATION MATERIAL	Final Quantities
42	MUCK EXCAVATION	Final Quantities
43	CRUSHED ROCK	Final Quantities
44	REMOVE ASPHALT CONCRETE PAVEMENT	Final Quantities
45	REMOVE CONCRETE DRIVEWAY / APPROACH PAVEMENT	Final Quantities
46	REMOVE CONCRETE CURB AND GUTTER	Final Quantities
49	REMOVE CONCRETE PAVEMENT	Final Quantities
50	REMOVE CONCRETE SIDEWALK	Final Quantities
53	AGGREGATE BASE COURSE	Final Quantities
54	PCC PAVEMENT PANEL REPLACEMENT, 7"	Final Quantities
55	ASPHALT CONCRETE, CLASS G, TYPE 1	Final Quantities
58	CONCRETE CURB & GUTTER, TYPE B66	Final Quantities
61	CONCRETE SIDEWALK	Final Quantities
62	DETECTABLE WARNING PANEL	Final Quantities
63	12" RCP, CLASS III	Final Quantities
64	12" RCP, 22.5 DEG BEND	Final Quantities
66	EROSION CONTROL, SILT FENCE	Final Quantities
67	REMOVE SILT FENCE	Final Quantities
69	COLD PLAST. MARKING, 12"	Final Quantities
70	COLD PLAST. MARKING, 24"	Final Quantities Based on a 8 & 9 - Foot Wide Crosswalks
73	RESET SIGN WITH NEW POST	Final Quantities

80	REPAIR SANITARY SEWER LINE - CCO#2	To repair broken sanitary sewer line discovered during CORC Utility Maintenance inspection after RCS boring
81	TEMPORARY PAINTED CROSSWALKS - CCO#2	Paint crosswalks while waiting for adequate weather to place permanent markings
82	CAP EXISTING 6" WATERMAIN-CCO#2	To cap unknown water service
83	6" 90 DEGREE BENDS - CCO#2	Additional bends under Lacrosse
84	8" 45 DEGREE BENDS - CCO#2	Additional bends under Milwaukee
85	ROCK 2'-3" - CCO#2	Additional Rock placed in ROW between Racine and LaCrosse
PREPARED BY:		DATE:
CONCURRENCE BY:		DATE:

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