

**CITY OF RAPID CITY CONSTRUCTION CHANGE ORDER #2F**  
**CENTRAL BOULEVARD RECONSTRUCTION**  
**ST01-917**  
**DECEMBER 4, 2002**  
**ORIGINAL CONTRACT AMOUNT: \$851,042.00**  
**CONTRACTOR: R.C.S. CONSTRUCTION, INC.**

LINE ITEM	DESCRIPTION	UNIT	CONTRACT QUANTITY	UNIT PRICE	EXTENDED PRICE	INSTALLED QUANTITY	INSTALLED PRICE	NET CHANGE
1	MOBILIZATION	LS	1	\$50,000.00	\$50,000.00	1.00	\$50,000.00	\$0.00
2	CONSTRUCTION STAKING	LS	1	\$10,000.00	\$10,000.00	1.00	\$10,000.00	\$0.00
3	CLEARING & GRUBBING 6" + TREE	EA	1	\$100.00	\$100.00	2.00	\$200.00	\$100.00
4	CLEARING & GRUBBING 18" + TREE	EA	3	\$500.00	\$1,500.00	5.00	\$2,500.00	\$1,000.00
5	CLEARING & GRUBBING	LS	1	\$3,000.00	\$3,000.00	1.00	\$3,000.00	\$0.00
6	8" PVC SEWER MAIN (6'-8')	LF	507	\$14.40	\$7,300.80	537.00	\$7,732.80	\$432.00
7	8" PVC SEWER MAIN (8'-10')	LF	680	\$16.60	\$11,288.00	668.00	\$11,088.80	(\$199.20)
8	4" PVC SERVICE LINE	LF	952	\$13.20	\$12,566.40	952.00	\$12,566.40	\$0.00
9	EXTRA MANHOLE DEPTH, 48" DIA	VF	5	\$160.00	\$800.00	5.00	\$800.00	\$0.00
10	STANDARD MANHOLE, 48" DIA	EA	2	\$1,600.00	\$3,200.00	2.00	\$3,200.00	\$0.00
11	ABANDON MANHOLE	EA	1	\$400.00	\$400.00	1.00	\$400.00	\$0.00
12	ADJUST MANHOLE RING AND COVER	EA	3	\$150.00	\$450.00	3.00	\$450.00	\$0.00
13	CONNECTION TO EXISTING MANHOLE	EA	3	\$250.00	\$750.00	3.00	\$750.00	\$0.00
14	REMOVE MANHOLE	EA	1	\$250.00	\$250.00	1.00	\$250.00	\$0.00
15	SEWER SERVICE CONNECTION	EA	34	\$150.00	\$5,100.00	34.00	\$5,100.00	\$0.00
16	1" K COPPER SERVICE LINE	LF	457	\$14.50	\$6,626.50	510.00	\$7,395.00	\$768.50
17	8" PVC WATER MAIN	LF	1,215	\$15.00	\$18,225.00	1,133.00	\$16,995.00	(\$1,230.00)
18	1" TAPPING SADDLE & CORP. STOP	EA	13	\$115.00	\$1,495.00	14.00	\$1,610.00	\$115.00
19	1" CURB STOP & BOX	EA	17	\$180.00	\$3,060.00	17.00	\$3,060.00	\$0.00
20	8" X 6" REDUCER	EA	5	\$250.00	\$1,250.00	5.00	\$1,250.00	\$0.00
21	8" X 8" X 6" TEE	EA	3	\$300.00	\$900.00	3.00	\$900.00	\$0.00
22	8" X 8" X 8" TEE	EA	1	\$370.00	\$370.00	1.00	\$370.00	\$0.00
23	8" 11 1/4 DEGREE BEND	EA	1	\$250.00	\$250.00	0.00	\$0.00	(\$250.00)
24	8" 45 DEGREE BEND	EA	11	\$250.00	\$2,750.00	10.00	\$2,500.00	(\$250.00)
25	8" X 8" CROSS	EA	1	\$525.00	\$525.00	1.00	\$525.00	\$0.00
26	8" GATE VALVE W/ BOX	EA	6	\$900.00	\$5,400.00	5.00	\$4,500.00	(\$900.00)
27	FIRE HYDRANT W/ AUX VALVE & LEAD	EA	3	\$2,350.00	\$7,050.00	3.00	\$7,050.00	\$0.00
28	14" WATERMAIN LOWERING	EA	1	\$5,100.00	\$5,100.00	1.00	\$5,100.00	\$0.00
29	RECONNECT WATER SERVICE LINE	EA	17	\$180.00	\$3,060.00	17.00	\$3,060.00	\$0.00
30	SALVAGE FIRE HYDRANT & AUX. VALVE	EA	1	\$400.00	\$400.00	1.00	\$400.00	\$0.00
31	TIE TO EXISTING WATER MAIN	EA	5	\$800.00	\$4,000.00	5.00	\$4,000.00	\$0.00
32	WATER MAIN ENCASEMENT	EA	3	\$600.00	\$1,800.00	3.00	\$1,800.00	\$0.00
33	WATER MAIN, INSULATE	EA	3	\$300.00	\$900.00	2.00	\$600.00	(\$300.00)
34	ROCK EXCAVATION (TRENCH)	CY	305	\$20.00	\$6,100.00	305.00	\$6,100.00	\$0.00
35	CONTROLLED LOW STRENGTH MATERIAL	CY	10	\$80.00	\$800.00	4.00	\$320.00	(\$480.00)
36	TYPE I GRANULAR BACKFILL	TON	526	\$14.00	\$7,364.00	565.60	\$7,918.40	\$554.40
37	TYPE II FOUNDATION MATERIAL	TON	50	\$14.00	\$700.00	0.00	\$0.00	(\$700.00)
38	UNCLASSIFIED EXCAVATION	CY	5,205	\$6.00	\$31,230.00	5,205.00	\$31,230.00	\$0.00
39	ROCK EXCAVATION	CY	850	\$15.00	\$12,750.00	850.00	\$12,750.00	\$0.00
40	BOX CULVERT UNDERCUTTING	CY	320	\$33.00	\$10,560.00	320.00	\$10,560.00	\$0.00
41	REMOVE EXISTING STREET	SY	8,588	\$2.20	\$18,893.60	8,588.00	\$18,893.60	\$0.00

42	REMOVE AND RESET FENCE	LF	309	\$9.00	\$2,781.00	318.00	\$2,862.00	\$81.00
43	REMOVE ASPHALT CONCRETE PAVEMENT	SY	222	\$3.00	\$666.00	228.00	\$684.00	\$18.00
44	REMOVE CONCRETE APPROACH	SY	926	\$5.00	\$4,630.00	925.00	\$4,625.00	(\$5.00)
45	REMOVE CONCRETE DRIVEWAY	SY	356	\$4.00	\$1,424.00	376.60	\$1,506.40	\$82.40
46	REMOVE CONCRETE CURB & GUTTER	LF	50	\$2.10	\$105.00	59.00	\$123.90	\$18.90
47	REMOVE CONCRETE SIDEWALK	SF	11,214	\$0.80	\$8,971.20	12,636.00	\$10,108.80	\$1,137.60
48	REMOVE PIPE CULVERT	LF	109	\$6.00	\$654.00	150.00	\$900.00	\$246.00
49	REMOVE INLET	EA	4	\$250.00	\$1,000.00	4.00	\$1,000.00	\$0.00
50	AGGREGATE BASE COURSE	TON	3,565	\$11.50	\$40,997.50	3,690.70	\$42,443.05	\$1,445.55
51	AC, CLASS G, TYPE 1	TON	1,754	\$36.35	\$63,757.90	2,412.07	\$87,678.74	\$23,920.84
52	AC, CLASS G, TYPE 2	TON	876	\$38.60	\$33,813.60	320.75	\$12,380.95	(\$21,432.65)
53	CONCRETE APPROACH PAVEMENT, 6"	SY	934	\$32.30	\$30,168.20	680.30	\$21,973.69	(\$8,194.51)
54	CONCRETE DRIVEWAY PAVEMENT	SY	356	\$32.30	\$11,498.80	385.90	\$12,464.57	\$965.77
55	CONCRETE "P6" GUTTER	LF	755	\$11.00	\$8,305.00	712.80	\$7,840.80	(\$464.20)
56	CONCRETE CURB & GUTTER, TYPE B66	LF	3,246	\$10.50	\$34,083.00	3,237.70	\$33,995.85	(\$87.15)
57	CONCRETE FILLET & PAN (REINFRCD), 6"	SY	243	\$45.00	\$10,935.00	243.00	\$10,935.00	\$0.00
58	CONCRETE SIDEWALK, 4"	SF	10,131	\$2.50	\$25,327.50	13,215.20	\$33,038.00	\$7,710.50
59	CONCRETE SIDEWALK, EXPOSED	SF	1,944	\$3.90	\$7,581.60	2,626.20	\$10,242.18	\$2,660.58
60	15" RCP, CLASS III	LF	266	\$27.00	\$7,182.00	266.00	\$7,182.00	\$0.00
61	18" RCP, CLASS III	LF	63	\$29.00	\$1,827.00	35.00	\$1,015.00	(\$812.00)
62	36" RCP, CLASS III	LF	49	\$90.00	\$4,410.00	46.00	\$4,140.00	(\$270.00)
63	42" RCP, CLASS III	LF	331	\$106.00	\$35,086.00	331.00	\$35,086.00	\$0.00
64	48" RCP, CLASS III	LF	133	\$128.00	\$17,024.00	133.00	\$17,024.00	\$0.00
65	60" RCP, CLASS III	LF	32	\$205.00	\$6,560.00	32.00	\$6,560.00	\$0.00
66	60" RCP ARCH CLASS III	LF	30	\$260.00	\$7,800.00	30.00	\$7,800.00	\$0.00
67	60" RCP 7.5 DEGREE BEND	EA	6	\$550.00	\$3,300.00	4.00	\$2,200.00	(\$1,100.00)
68	42" - 45 DEGREE BEND	EA	1	\$1,400.00	\$1,400.00	1.00	\$1,400.00	\$0.00
69	42" X 15" RCP TEE	EA	7	\$772.00	\$5,404.00	8.00	\$6,176.00	\$772.00
70	48" X 18" RCP TEE	EA	1	\$1,150.00	\$1,150.00	0.00	\$0.00	(\$1,150.00)
71	48" X 15" RCP TEE	EA	2	\$1,070.00	\$2,140.00	2.00	\$2,140.00	\$0.00
72	FIELD CAST 60" X 60" ARCH RCP TEE	EA	1	\$3,400.00	\$3,400.00	1.00	\$3,400.00	\$0.00
73	42" X 48" INCREASER	EA	1	\$300.00	\$300.00	1.00	\$300.00	\$0.00
74	48" RCP CAP	EA	1	\$250.00	\$250.00	1.00	\$250.00	\$0.00
75	TYPE B INLET WITH VANED GRATE	EA	7	\$1,200.00	\$8,400.00	7.00	\$8,400.00	\$0.00
76	DOUBLE TYPE B INLET WITH VANED GRATE	EA	10	\$2,100.00	\$21,000.00	10.00	\$21,000.00	\$0.00
77	12" EDGE DRAIN & ROCK	LF	4,240	\$4.00	\$16,960.00	3,784.10	\$15,136.40	(\$1,823.60)
78	5' X 5' JUNCTION BOX	EA	1	\$2,300.00	\$2,300.00	1.00	\$2,300.00	\$0.00
79	7' X 5' PRECAST BOX CULVERT	LF	322	\$345.00	\$111,090.00	322.00	\$111,090.00	\$0.00
80	SPECIAL INLET	EA	1	\$10,000.00	\$10,000.00	1.00	\$10,000.00	\$0.00
81	SPECIAL JUNCTION STRUCTURE	LS	1	\$10,000.00	\$10,000.00	1.00	\$10,000.00	\$0.00
82	SODDING	SY	4,500	\$3.00	\$13,500.00	3,580.00	\$10,740.00	(\$2,760.00)
83	DECIDUOUS TREE, 2"-3" CAL.	EA	3	\$250.00	\$750.00	9.00	\$2,250.00	\$1,500.00
84	EVERGREEN TREE, 2"-3" CAL.	EA	1	\$450.00	\$450.00	1.00	\$450.00	\$0.00
85	COLD PLAST. MARKING, 12"	LF	144	\$10.00	\$1,440.00	143.00	\$1,430.00	(\$10.00)
86	COLD PLAST. MARKING, 24"	LF	117	\$15.00	\$1,755.00	80.00	\$1,200.00	(\$555.00)
87	STREET SIGNS	EA	2	\$165.20	\$330.40	2.00	\$330.40	\$0.00
88	INSTALL FURNISHED SOLAR FLASHERS	EA	2	\$85.00	\$170.00	0.00	\$0.00	(\$170.00)
89	TRAFFIC CONTROL	LS	1	\$4,700.00	\$4,700.00	1.00	\$4,700.00	\$0.00
90	INCIDENTAL WORK	LS	1	\$6,000.00	\$6,000.00	1.00	\$6,000.00	\$0.00

	CHANGE ORDER #1							
91	CAST IN PLACE BOX EXTENSION	LF	15.75	\$935.73	\$14,737.75	15.75	\$14,737.75	\$0.00
	CHANGE ORDER #2							
92	TYPE "C" RETAINING WALL	SF	0	\$55.00	\$0.00	207.60	\$11,418.00	\$11,418.00
93	PRECAST BLOCK RETAINING WALL	SF	0	\$26.00	\$0.00	157.20	\$4,087.20	\$4,087.20
94	LIQUIDATED DAMAGES	DAY	0	(\$650.00)	\$0.00	21.00	(\$13,650.00)	(\$13,650.00)
95	FURNISH & INSTALL SCHOOL XING	LS	0	\$21,252.89	\$0.00	1.00	\$21,252.89	\$21,252.89
96	REPLACE PROPERTY CORNERS	EA	0	\$222.50	\$0.00	3.00	\$667.50	\$667.50
<b>TOTAL</b>					<b>\$865,779.75</b>		<b>\$889,941.07</b>	<b>\$24,161.32</b>

C.C.O. HISTORY INCREASE/(DECREASE)		PRIOR ADJUSTED CONTRACT PRICE :		\$865,779.75
CCO #1	\$14,737.75	NET INCREASE/(DECREASE):		\$24,161.32
CCO #2F		ADJUSTED CONTRACT PRICE:		\$889,941.07
PRIOR TOTAL =	\$14,737.75	CHANGE TO DATE:		\$38,899.07

CONTRACTOR:	_____	DATE:	_____
	Bob Scull		
ENGINEER:	_____	DATE:	December 4, 2002
	Joe Jagodzinski, PE		
MAYOR:	_____	DATE:	_____
FINANCE:	_____	DATE:	_____
CONTRACT TIME CHANGE +/-: +46      NEW CONTRACT TIME: 166 CALENDAR DAYS			

CITY OF RAPID CITY CONSTRUCTION CHANGE ORDER #2F  
CENTRAL BOULEVARD RECONSTRUCTION  
ST01-917  
DECEMBER 4, 2002  
ORIGINAL CONTRACT AMOUNT: \$851,042.00  
CONTRACTOR: R.C.S. CONSTRUCTION, INC.

LINE ITEM	DESCRIPTION	REASON FOR CHANGE
1 - 50, 53 - 87, 89 - 90	BID ITEMS	ADJUST BID QUANTITIES TO ACTUAL INSTALLED QUANTITIES
51	AC, CLASS G, TYPE 1	IN QUANTITY OF G1 AND DECREASED QUANTITY OF G2 TO SAVE MONEY
52	AC, CLASS G, TYPE 2	SEE EXPLANATION OF BID ITEM 52
88	INSTALL FURNISHED SOLAR FLASHERS	DELETED AT REQUEST OF STREET DIVISION
92	TYPE "C" RETAINING WALL	ADDED TO BETTER MATCH GRADE
93	PRECAST BLOCK RETAINING WALL	ADDED TO BETTER MATCH GRADE
94	LIQUIDATED DAMAGES	OVERRAN CONTRACT DAYS
95	FURNISH & INSTALL SCHOOL XING	REQUESTED BY STREET DIVISION
96	REPLACE PROPERTY CORNERS	NEW ITEM NECESSARY TO REPLACE PINS

PREPARED BY: Joe Jagodzinski, PE

DATE: December 4, 2002