

**CITY OF RAPID CITY CONSTRUCTION CHANGE ORDER #1F**  
**CATRON BOULEVARD / HIGHWAY 16B SANITARY SEWER EXTENSION**  
**PROJECT NO. SS09-1782 / CIP NO. 50396**  
**APRIL 23, 2010**  
**ORIGINAL CONTRACT AMOUNT: \$502,470.00**  
**CONTRACTOR: R.C.S. CONSTRUCTIONS, INC.**

LINE ITEM	DESCRIPTION	UNIT	CURRENT CONTRACT QUANTITY	UNIT PRICE	EXTENDED PRICE	ADJUSTED QUANTITY	ADJUSTED PRICE	NET CHANGE	ITEM NO.
1	MOBILIZATION	LS	1.00	\$10,000.00	\$10,000.00	1.00	\$10,000.00	\$0.00	1
2	INCIDENTAL	LS	1.00	\$17,000.00	\$17,000.00	1.00	\$17,000.00	\$0.00	2
3	CONSTRUCTION STAKING	LS	1.00	\$8,050.00	\$8,050.00	1.00	\$8,050.00	\$0.00	3
4	REMOVE 48" MANHOLE	EA	1.00	\$370.00	\$370.00	1.00	\$370.00	\$0.00	4
5	REMOVE AC PAVEMENT	SY	223.00	\$4.00	\$892.00	172.10	\$688.40	(\$203.60)	5
6	CURB & GUTTER	LF	112.00	\$16.00	\$1,792.00	81.00	\$1,296.00	(\$496.00)	6
7	(BARBED WIRE)	LF	150.00	\$2.20	\$330.00	150.00	\$330.00	\$0.00	7
8	99) SOIL TEST	EA	15.00	\$690.00	\$10,350.00	0.00	\$0.00	(\$10,350.00)	8
9	MULCHING	AC	10.00	\$880.00	\$8,800.00	16.50	\$14,520.00	\$5,720.00	9
10	BACKFILL MATERIAL (TRENCH - IF	CY	50.00	\$83.00	\$4,150.00	9.00	\$747.00	(\$3,403.00)	10
11	(TRENCH - IF NEEDED)	CY	200.00	\$9.00	\$1,800.00	0.00	\$0.00	(\$1,800.00)	11
12	(IF NEEDED)	T	100.00	\$18.00	\$1,800.00	54.40	\$979.20	(\$820.80)	12
13	NEEDED)	T	250.00	\$18.00	\$4,500.00	0.00	\$0.00	(\$4,500.00)	13
14	8" PVC SEWER MAIN (8'-10')	LF	12.00	\$20.00	\$240.00	8.00	\$160.00	(\$80.00)	14
15	8" PVC SEWER MAIN (10'-12')	LF	8.00	\$20.00	\$160.00	8.00	\$160.00	\$0.00	15
16	8" PVC SEWER MAIN (14'-16')	LF	4.00	\$23.00	\$92.00	24.00	\$552.00	\$460.00	16
17	10" PVC SEWER MAIN (12'-14')	LF	33.00	\$23.00	\$759.00	33.00	\$759.00	\$0.00	17
18	15" PVC SEWER MAIN ( 0'- 6')	LF	36.00	\$22.00	\$792.00	36.00	\$792.00	\$0.00	18
19	15" PVC SEWER MAIN ( 6'- 8')	LF	790.00	\$22.00	\$17,380.00	790.00	\$17,380.00	\$0.00	19
20	15" PVC SEWER MAIN ( 8'-10')	LF	2,098.00	\$22.00	\$46,156.00	2,098.00	\$46,156.00	\$0.00	20
21	15" PVC SEWER MAIN (10'-12')	LF	2,212.00	\$26.00	\$57,512.00	2,212.00	\$57,512.00	\$0.00	21
22	15" PVC SEWER MAIN (12'-14')	LF	1,945.00	\$26.00	\$50,570.00	1,945.00	\$50,570.00	\$0.00	22
23	15" PVC SEWER MAIN (14'-16')	LF	937.00	\$34.00	\$31,858.00	937.00	\$31,858.00	\$0.00	23
24	15" PVC SEWER MAIN (16'-18')	LF	591.00	\$34.00	\$20,094.00	591.00	\$20,094.00	\$0.00	24
25	15" PVC SEWER MAIN (18'-20')	LF	52.00	\$34.00	\$1,768.00	52.00	\$1,768.00	\$0.00	25
26	15" PVC SEWER MAIN (20'-22')	LF	80.00	\$35.00	\$2,800.00	80.00	\$2,800.00	\$0.00	26
27	15" PVC SEWER MAIN (22'-24')	LF	137.00	\$35.00	\$4,795.00	137.00	\$4,795.00	\$0.00	27
28	15" PVC SEWER MAIN (24'-26')	LF	144.00	\$36.00	\$5,184.00	144.00	\$5,184.00	\$0.00	28

LINE ITEM	DESCRIPTION	UNIT	CURRENT CONTRACT QUANTITY	UNIT PRICE	EXTENDED PRICE	ADJUSTED QUANTITY	ADJUSTED PRICE	NET CHANGE
29	15" PVC SEWER MAIN (26'-28')	LF	189.00	\$36.00	\$6,804.00	189.00	\$6,804.00	\$0.00
30	STANDARD MANHOLE, 48"	EA	25.00	\$2,500.00	\$62,500.00	25.00	\$62,500.00	\$0.00
31	STANDARD MANHOLE, 60"	EA	1.00	\$4,300.00	\$4,300.00	1.00	\$4,300.00	\$0.00
32	STANDARD MANHOLE, 72"	EA	1.00	\$4,400.00	\$4,400.00	1.00	\$4,400.00	\$0.00
33	EXTRA MANHOLE DEPTH, 48"	VF	254.80	\$103.00	\$26,244.40	254.80	\$26,244.40	\$0.00
34	EXTRA MANHOLE DEPTH, 60"	VF	18.70	\$230.00	\$4,301.00	18.70	\$4,301.00	\$0.00
35	EXTRA MANHOLE DEPTH, 72"	VF	5.50	\$313.00	\$1,721.50	4.90	\$1,533.70	(\$187.80)
36	BYPASS PUMPING (SANITARY)	LS	1.00	\$4,420.00	\$4,420.00	1.00	\$4,420.00	\$0.00
37	CONTROL	LS	1.00	\$1,500.00	\$1,500.00	1.00	\$1,500.00	\$0.00
38	CONTROL PLAN	LS	1.00	\$330.00	\$330.00	1.00	\$330.00	\$0.00
39	SILT FENCE	LF	4,669.00	\$4.00	\$18,676.00	427.00	\$1,708.00	(\$16,968.00)
40	SOCK	LF	1,335.00	\$3.00	\$4,005.00	2,781.00	\$8,343.00	\$4,338.00
41	EROSION CONTROL BLANKET	SY	62.00	\$2.20	\$136.40	88.90	\$195.58	\$59.18
42	AGGREGATE BASE COURSE	T	83.40	\$18.00	\$1,501.20	79.30	\$1,427.40	(\$73.80)
43	GRAVEL SURFACING, PERMANENT	T	56.30	\$15.00	\$844.50	93.60	\$1,404.00	\$559.50
44	TEMPORARY	T	18.00	\$15.00	\$270.00	18.00	\$270.00	\$0.00
45	PG64-28	T	65.00	\$160.00	\$10,400.00	61.50	\$9,840.00	(\$560.00)
46	TRAFFIC CONTROL	LS	1.00	\$21,000.00	\$21,000.00	1.00	\$21,000.00	\$0.00
47	TRAFFIC CONTROL PLAN	LS	1.00	\$440.00	\$440.00	1.00	\$440.00	\$0.00
48	(WELLINGTON LIFT STATION)	LS	1.00	\$7,000.00	\$7,000.00	1.00	\$7,000.00	\$0.00
49	CONCRETE APPROACH	SY	13.00	\$4.00	\$52.00	13.00	\$52.00	\$0.00
50	PLACING	CY	1,165.00	\$4.00	\$4,660.00	1,642.00	\$6,568.00	\$1,908.00
51	REMOVE & REPLACE SIDEWALK	SF	310.00	\$7.00	\$2,170.00	100.00	\$700.00	(\$1,470.00)
52	MANHOLE GROUT LINER (MH1A,	EA	4.00	\$1,200.00	\$4,800.00	4.00	\$4,800.00	\$0.00
<b>TOTAL</b>					<b>\$502,470.00</b>		<b>\$474,601.68</b>	<b>(\$27,868.32)</b>

C.C.O. HISTORY INCREASE/(DECREASE)		PRIOR ADJUSTED CONTRACT PRICE :	\$502,470.00
CCO #1F	(\$27,868.32)	NET INCREASE/(DECREASE):	(\$27,868.32)
	\$0.00	ADJUSTED CONTRACT PRICE:	\$474,601.68
	\$0.00	CHANGE TO DATE:	(\$27,868.32)

<i>KM Stambaugh</i>	5/5/10
CONTRACTOR: RCS Construction Inc. PO Box 9337, RC, SD 57709 342-3787	DATE
<i>Klare Schroeder</i>	5/4/10
PROJECT MANAGER: KLARE SCHROEDER, P.E.	DATE
<i>Dale Tech</i>	5-4-10
CITY ENGINEER: DALE TECH, P.E. / L.S.	DATE
MAYOR: ALAN HANKS	DATE
FINANCE: JAMES PRESTON	DATE
CONTRACT TIME CHANGE +/-: 0	NEW CONTRACT TIME: Days

City Staff recommends approval of this Change Order #1F to RCS Construction Inc. for a decrease of \$27,868.32 based on unit pricing with the following appropriation:

Initial Funding	\$502,470.00				\$502,470.00
Fund Type	Sanitary Sewer				
Department	0834				
Line Item	4380				
Fund	0604				
CCO #1F	(\$27,868.32)				(\$27,868.32)
Adjusted Funding	\$474,601.68				\$474,601.68

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**CATRON BOULEVARD / HIGHWAY 16B SANITARY SEWER EXTENSION**  
**PROJECT NO. SS09-1782 / CIP NO. 50396**  
**APRIL 23, 2010**  
**ORIGINAL CONTRACT AMOUNT: \$502,470.00**  
**CONTRACTOR: R.C.S. CONSTRUCTIONS, INC.**

LINE ITEM	DESCRIPTION	REASON FOR CHANGE
5	REMOVE AC PAVEMENT	Actual quantity removed.
6	REMOVE & REPLACE CONCRETE C	Actual quantity removed and replaced.
8	STANDARD PROCTOR (AASHTO T-9	Not used as we followed DOT testing procedural results.
9	SEEDING, FERTILIZING, & MULCHIN	Actual quantity used for erosion control.
10	CONTROLLED LOW STRENGTH BAC	Actual quantity used.
11	IMPORTED BACKFILL MATERIAL (TF	None used.
12	TYPE III FOUNDATION MATERIAL (IF	Actual quantity used.
13	TYPE I BEDDING MATERIAL (IF NEE	None used.
14	8" PVC SEWER MAIN (8'-10')	Actual quantity used.
16	8" PVC SEWER MAIN (14'-16')	Actual quantity used.
35	EXTRA MANHOLE DEPTH, 72"	Actual quantity used. Adjusted alignment out to avoid utilities.
39	SILT FENCE	Actual quantity used. Replaced some with waffles.
40	9" WATTLES/COMPOSITE FILTER S	Actual quantity used. Extra was used to replace silt fence.
41	EROSION CONTROL BLANKET	Actual quantity used.
42	AGGREGATE BASE COURSE	Actual quantity used.
43	GRAVEL SURFACING, PERMANENT	Actual quantity used.
45	AC PATCHING, CLASS G, TYPE 1 PC	Actual quantity used.
50	COMPOST HAULING AND PLACING	Actual quantity used.
51	REMOVE & REPLACE SIDEWALK	Actual quantity removed and replaced.

PREPARED BY: Klare Schroeder, P.E.

DATE: April 23, 2010

FUNDING TYPE		Sanitary Sewer	
COST CENTER		0834	
LINE ITEM		4380	
FUND		0604	
ITEM NO.	DESCRIPTION OF ITEM	AMOUNT	PERCENT
1	MOBILIZATION	0.00	100%
2	INCIDENTAL	0.00	100%
3	CONSTRUCTION STAKING	0.00	100%
4	REMOVE 48" MANHOLE	0.00	100%
5	REMOVE AC PAVEMENT	-203.60	100%
6	REMOVE & REPLACE CONCRETE	-496.00	100%
7	REMOVE FENCE & DISPOSE (BAR	0.00	100%
8	STANDARD PROCTOR (AASHTO T	-10,350.00	100%
9	SEEDING, FERTILIZING, & MULCH	5,720.00	100%
10	CONTROLLED LOW STRENGTH BA	-3,403.00	100%
11	IMPORTED BACKFILL MATERIAL (	-1,800.00	100%
12	TYPE III FOUNDATION MATERIAL	-820.80	100%
13	TYPE I BEDDING MATERIAL (IF NE	-4,500.00	100%
14	8" PVC SEWER MAIN (8'-10')	-80.00	100%
15	8" PVC SEWER MAIN (10'-12')	0.00	100%
16	8" PVC SEWER MAIN (14'-16')	460.00	100%
17	10" PVC SEWER MAIN (12'-14')	0.00	100%
18	15" PVC SEWER MAIN ( 0'- 6')	0.00	100%
19	15" PVC SEWER MAIN ( 6'- 8')	0.00	100%
20	15" PVC SEWER MAIN ( 8'-10')	0.00	100%
21	15" PVC SEWER MAIN (10'-12')	0.00	100%
22	15" PVC SEWER MAIN (12'-14')	0.00	100%
23	15" PVC SEWER MAIN (14'-16')	0.00	100%
24	15" PVC SEWER MAIN (16'-18')	0.00	100%
25	15" PVC SEWER MAIN (18'-20')	0.00	100%
26	15" PVC SEWER MAIN (20'-22')	0.00	100%
27	15" PVC SEWER MAIN (22'-24')	0.00	100%
28	15" PVC SEWER MAIN (24'-26')	0.00	100%
29	15" PVC SEWER MAIN (26'-28')	0.00	100%
30	STANDARD MANHOLE, 48"	0.00	100%

31	STANDARD MANHOLE, 60"	0.00	100%	100%
32	STANDARD MANHOLE, 72"	0.00	100%	100%
33	EXTRA MANHOLE DEPTH, 48"	0.00	100%	100%
34	EXTRA MANHOLE DEPTH, 60"	0.00	100%	100%
35	EXTRA MANHOLE DEPTH, 72"	-187.80	100%	100%
36	BYPASS PUMPING (SANITARY)	0.00	100%	100%
37	EROSION AND WATER POLLUTIO	0.00	100%	100%
38	EROSION AND WATER POLLUTIO	0.00	100%	100%
39	SILT FENCE	-16,968.00	100%	100%
40	9" WATTLES/COMPOSITE FILTER	4,338.00	100%	100%
41	EROSION CONTROL BLANKET	59.18	100%	100%
42	AGGREGATE BASE COURSE	-73.80	100%	100%
43	GRAVEL SURFACING, PERMANEN	559.50	100%	100%
44	GRAVEL SURFACING, TEMPORAR	0.00	100%	100%
45	AC PATCHING, CLASS G, TYPE 1 F	-560.00	100%	100%
46	TRAFFIC CONTROL	0.00	100%	100%
47	TRAFFIC CONTROL PLAN	0.00	100%	100%
48	LIFT STATION ABANDONMENT (W	0.00	100%	100%
49	REMOVE AND DISPOSE CONCRETE	0.00	100%	100%
50	COMPOST HAULING AND PLACIN	1,908.00	100%	100%
51	REMOVE & REPLACE SIDEWALK	-1,470.00	100%	100%
52	CORROSIVE RESISTANT MANHOL	0.00	100%	100%
		(\$27,868.32)		