## CITY OF RAPID CITY CONSTRUCTION CHANGE ORDER #1F FULTON STREET SEWER AND WATER EXTENSION PROJECT NO. 12-2000 / CIP NO. 50893 JULY 26, 2012

ORIGINAL CONTRACT AMOUNT: \$99,999.99
CONTRACTOR: SIMON CONTRACTORS OF SD, INC

LINE	DESCRIPTION	UNIT	CURRENT CONTRACT QUANTITY	UNIT PRICE	EXTENDED PRICE	ADJUSTED QUANTITY	ADJUSTED PRICE	NET CHANGE	
1	MOBILIZATION	LS	1.00	\$2,732.94	\$2,732.94	1.00	\$2,732.94	\$0.00	
2	INCIDENTAL WORK	LS	1.00	\$2,650.00	\$2,650.00	1.00	\$2,650.00	\$0.00	
3	TRAFFIC CONTROL PLAN PREPARATION	LS	1.00	\$570.00	\$570.00	1.00	\$570.00	\$0.00	
4	TRAFFIC CONTROL	LS	1.00	\$1,590.00	\$1,590.00	1.00	\$1,590.00	\$0.00	
	EROSION CONTROL PLAN	LS	1.00	\$200.00	\$200.00	1.00	\$200.00	\$0.00	
6	TEMPORARY EROSION CONTROL	LS	1.00	\$275.00	\$275.00	1.00	\$275.00	\$0.00	
7	CONSTRUCTION EROSION CONTROL (COMPOST SOCKS)	LF	309.50	\$2.10	\$649.95	300.00	\$630.00	(\$19.95)	
	CONSTRUCTION EROSION CONTROL (EROSION CONTROL GRAVEL FILTER SOCKS) BID ITEM NOT USED	EA _	6.00	\$23.00 \$0.00	\$138.00 \$0.00	6.00 0,00	\$138.00 \$0.00	\$0.00 \$0.00	
	IMPORTED BACKFILL MATERIAL					0.00	\$0.00	(\$725.00)	
	(TRENCH)	CY	25.00	\$29.00	\$725.00	0.00	\$0.00	(\$300.00)	h / '
11	TYPE I BEDDING	TON	10.00	\$30.00	\$300.00	0.00	\$0.00	(\$310.00)	
12	TYPE II FOUNDATION MATERIAL	TON	10.00	\$31.00	\$310.00	0.00	\$0.00	(\$155.00)	
13	TYPE III FOUNDATION MATERIAL	TON	5.00	\$31.00 \$0.00	\$155.00 \$0.00	0.00	\$0.00	\$0.00	
14	BID ITEM NOT USED	-	0.00	φυ.υυ	\$0.00	0.00	ψ0.00	Ψ0.00	<del></del>
15	CONTROLLED LOW STRENGTH BACKFILL MATERIAL (TRENCH)	CY	20.00	\$110.00	\$2,200.00	0.00	\$0.00	(\$2,200.00)	
16	AASHTO T-180 SOIL TEST	EA	3.00	\$150.00	\$450.00	1.00	\$150.00	(\$300.00)	
17	CLEARING AND GRUBBING (18" - 24") TREES	EA	4.00	\$750.00	\$3,000.00	2.00	\$1,500.00	(\$1,500.00)	<del>,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,</del>
18	REMOVE SANITARY SEWER MANHOLE	EA	1.00	\$745.00	\$745.00	1.00	\$745.00	\$0.00	
	REMOVE CONCRETE/ASPHALT PAVEMENT (INCLUDES CURB & GUTTER, PANS, & FILLETS, ETC.) REMOVE GRAVEL DRIVEWAY	SY SY	170.00 101.00	\$8.30 \$5.00	\$1,411.00 \$505.00	170.00 10 <b>1</b> .00	\$1,411.00 \$505.00	\$0.00 \$0.00	
21	REMOVE FIRE HYDRANT AUX. VALVE AND LEAD	1.00	1.00	\$585.00	\$585.00	1.00	\$585.00	\$0.00	<u> </u>
22	CONNECT TO EXISTING SEWER MAIN	EA	1.00	\$330.00	\$330.00	1.00	\$330.00	\$0.00	
23	STANDARD MANHOLE, 48" DIA. (0'-6')	EA	1.00	\$2,615.00	\$2,615.00	1.00	\$2,615.00	\$0.00	

			CURRENT	<u></u>					
LINE			CONTRACT	UNIT	EXTENDED	ADJUSTED	ADJUSTED		
ITEM	DESCRIPTION	UNIT	QUANTITY	PRICE	PRICE	QUANTITY	PRICE	NET CHANGE	
	TERMINATION MANHOLE, 48" DIA.			4 4.	40 -00 00		#0 #00 00		
	(0'-6')	EA	1.00	\$2,580.00	\$2,580.00	1.00	\$2,580.00	\$0.00	
	EXTRA MANHOLE DEPTH, 48" DIA.	VF	9.00	\$250.00	\$2,250.00	9.00	\$2,250.00	\$0.00	
	4" PVC SEWER SERVICE LINE	LF	84.00	\$46.75	\$3,927.00	97.00	\$4,534.75	\$607.75	
	8" PVC SEWER MAIN, SDR-35 (0'-				*		** ***	#000 00	
27	10')	LF	112.00	\$36.00	\$4,032.00	120.00	\$4,320.00	\$288.00	
	CONNECT TO EXISTING WATER				4555.00		<b>#</b> F#F 40	¢0.00	•
28	MAIN	EA	1.00	\$585.00	\$585.00	1.00	\$585.00	\$0.00	
	8" PVC WATER MAIN, AWWA C-				44-446-50		040 400 ZE	e4 050 05	
	900, (DR 18) RESTRAINED JOINT	LF	374.00	\$45.75	\$17,110.50	397.00	\$18,162.75	\$1,052.25	
30	4" X 4" TAPPING TEE AND VALVE	EA	1.00	\$2,490.00	\$2,490.00	1.00	\$2,490.00	\$0.00	
31	8" X 6" X 8" TEE	EA	1.00	\$645.00	\$645.00	1.00	\$645.00	\$0.00	
32	8" X 8" X 8" TEE	EA	1.00	\$700.00	\$700.00	1.00	\$700.00	\$0.00	
33	8" X 4" REDUCER	EA	1.00	\$350.00	\$350.00	1.00	\$350.00	\$0.00	
34	8" X 6" REDUCER	EA	1.00	\$370.00	\$370.00	1.00	\$370.00	\$0.00	
35	8" 45 DEGREE BEND	EA ,	2.00	\$445.00	\$890.00	4.00	\$1,780.00	\$890.00	
36	8" 11.25 DEGREE BEND	EA	1.00	\$417.00	\$417.00	1.00	\$417.00	\$0.00	
37	8" VERTICAL HDC	EA	2.00	\$510.00	\$1,020.00	2.00	\$1,020.00	\$0:00	
38	8" MJ PLUG	EA	1.00	\$225.00	\$225.00	1.00	\$225.00	\$0.00	
39	4" MJ PLUG	EA	1.00	\$600.00	\$600.00	1.00	\$600.00	\$0.00	
40	8" GATE VALVE WITH BOX	ĒA	3.00	\$2,475.00	\$7,425.00	3.00	\$7,425.00	\$0.00	
	FIRE HYDRANT WITH AUX VALVE					1			
41	AND LEAD	EA	2.00	\$5,100.00	\$10,200.00	2.00	\$10,200.00	\$0.00	
42	WATER SERVICE RECONNECTION	EA	2.00	\$50.00	\$100.00	3.00	\$150.00	\$50.00	
43	1" TAPPING SADDLE	ĒΑ	2.00	\$155.00	\$310.00	3.00	\$465.00	\$155.00	· · · · · · · · · · · · · · · · · · ·
44	1" COPPER WATER SERVICE	ĹF ,	22.60	\$45.50	\$1,028.30	42.00	\$1,911.00	\$882.70	
	CATHODIC PROTECTION TESTING								
45	AND REPORTING	LS	1.00	\$285.00	\$285.00	1.00	\$285.00	\$0.00	1
	BID ITEM NOT USED	<del>-</del>	0.00	\$0.00	\$0.00	0.00	\$0.00	\$0.00	
<u> </u>	CATHODIC PROTECTION TEST								
47	STATION, COMPLETE	EA	2.00	\$525.00	\$1,050.00	2.00	\$1,050.00	\$0.00	
48	ZINC GALVANIC ANODE (18-LB)	EA	14.00	\$325.00	\$4,550.00	13.00	\$4,225.00	(\$325.00)	
٣	ASPHALT CONCRETE, CLASS G,	****	† <u>-</u>		1				
49	TYPE 1	TON	47.00	\$140.00	\$6,580.00	73.40	\$10,276.00	\$3,696.00	
50	AGGREGATE BASE COURSE	TON	54.00	\$27.00	\$1,458.00	73.20	\$1,976.40	\$518,40	
51	TYPE B66 CURB AND GUTTER	LF	34.50	\$29.00	\$1,000.50	71.00	\$2,059.00	\$1,058.50	
├ <u>ॅ</u>	TOPSOIL. PLACE 5" THICK								
	(INCLUDING 1" INCORPORATED							,	
52	CO-COMPOST)	CY	68.00	\$27.80	\$1,890.40	96.20	\$2,674.36	\$783.96	
53	SEED, FERTIIZER, MULCH	SY	436.00	\$1.65	\$719.40	950.00	\$1,567.50	\$848.10	
.54	ROCK EXCAVATION	CY	50.00	\$61.50	\$3,075.00	2.00	\$123.00	(\$2,952.00)	
55	SEWER SERVICE RECONNECTION	EA EA	0.00	\$450.00	\$0.00	2.00	\$900.00	\$900.00	
56	LIQUIDATED DAMAGES	EA	0.00	(\$250.00)	\$0.00	14.00	(\$3,500.00)	(\$3,500.00)	
<del>"</del>	TOTAL		J	(,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	\$99,999.99		\$99,443.70	(\$556.29)	

C.C.O. HISTORY INCREASE/(DECREASE)		PRIOR ADJUSTED CONTRACT PRICE:	\$99,999.99
CCO #1 <b>F</b>	(\$556.29)	NET INCREASE/(DECREASE):	(\$556.29)
	\$0.00	ADJUSTED CONTRACT PRICE:	\$99,443.70
	\$0.00	CHANGE TO DATE:	(\$556.29)

CONTRACTOR: SIMON CONTRACTORS OF SD	8,21,12 S/21/17
PROJECT MANAGER: , KLARE SCHROEDER, P.E.	DATE 8-23-12
CÎTY ENGÎNEER: DALE TECH, P.E. / L.S.  MAYOR: SAM KOOIKER	DATE
FINANCE: PAULINE SUMPTION	DATE
CONTRACT TIME CHANGE +/-: 0 NEW CONTRACT TIME: Days	

City Staff recommends approval of this Change Order #1F to Simon Contractors of SD Inc. for a decrease of \$556.29 based on unit pricing with the following appropriation:

Initial Funding	\$3,129.91	\$10,137.92	\$7,008.01	\$6,655.71	\$7,559.15	\$5,039.42	\$17 <u>,</u> 637.95	\$42,831.92	\$99,999.99
Fund Type	Sanitary Sewer	Sanitary Sewer	Sanitary Sewer	Sanitary Sewer	Water	Water	Water	Water	
Department	0834	0834	0834	0833	0934	0934	0934	0933	
Line Item	80 (Non-Conformi	4380 (Carlson's)	4384 (Matching)	4380	1 (Non-Conform	4381 (Carlson's)	4385 (Matching)	4381	
Fund	0604	0604	0604	0604	0602	0602	0602	0602	
CCO #1 <b>F</b>	(\$318.81)	(\$767.57)	(\$448.76)	(\$147.34)	\$221.99	\$148.01	\$518.02	\$238.17	(\$556.29)
Adverted Funding	\$2,811.10	\$9,370.35	\$6,559.25	\$6,508.37	\$7,781.14	\$5,187.43	\$18,155,97	\$43,070.09	\$99,443.70
Adjusted Funding	\$2,011.10	φθ,570.55	ψ0,003.20	<b>40,000.0</b> 1	<i>\$1,10</i> (111				\$99,443.70

## CITY OF RAPID CITY CONSTRUCTION CHANGE ORDER #1F FULTON STREET SEWER AND WATER EXTENSION PROJECT NO. 12-2000 / CIP NO. 50893 JULY 26, 2012

ORIGINAL CONTRACT AMOUNT: \$99,999.99
CONTRACTOR: SIMON CONTRACTORS OF SD, INC

LINE		
ITEM	DESCRIPTION	REASON FOR CHANGE
	CONSTRUCTION EROSION	
	CONTROL (COMPOST SOCKS)	Actual quantity needed to complete project.
· · ·	IMPORTED BACKFILL MATERIAL	
10	(TRENCH)	None needed on project.
11	TYPE I BEDDING	None needed on project.
12	TYPE II FOUNDATION MATERIAL	None needed on project.
.13	TYPE III FOUNDATION MATERIAL	None needed on project.
	CONTROLLED LOW STRENGTH	
15	BACKFILL MATERIAL (TRENCH)	None needed on project.
16	AASHTO T-180 SOIL TEST	Actual quantity needed to complete project.
	CLEARING AND GRUBBING (18" -	
	24") TREES	Actual quantity needed to complete project.
26	4" PVC SEWER SERVICE LINE	Had to reconnect 2 services that were close to MH.
	8" PVC SEWER MAIN, SDR-35 (0'-	
27	10')	Actual quantity needed to complete project.
	8" PVC WATER MAIN, AWWA C-	
29	900, (DR 18) RESTRAINED JOINT	Actual quantity used to make fittings work.
35	8" 45 DEGREE BEND	Extra fittings needed to tire in water lines.
42	WATER SERVICE RECONNECTION	Water services was not shown on plans.
43	1" TAPPING SADDLE	Water services was not shown on plans.
44	1" COPPER WATER SERVICE	Water services was not shown on plans.
48	ZINC GALVANIC ANODE (18-LB)	Actual quantity needed to complete project.
	ASPHALT CONCRETE, CLASS G,	
	TYPE 1	Had to replace more asphalt because of utilities not shown.
	AGGREGATE BASE COURSE	Had to replace more asphalt because of utilities not shown.
51	TYPE B66 CURB AND GUTTER	Actual quantity needed to complete project.
	TOPSOIL, PLACE 5" THICK	
	(INCLUDING 1" INCORPORATED	
	CO-COMPOST)	Larger area disturbed because of steep slopes.
	SEED, FERTIIZER, MULCH	Larger area disturbed because of steep slopes.
	SEWER SERVICE RECONNECTION	Two sewer services had to be reconnected. They were in the way to set manhole.
56	LIQUIDATED DAMAGES	Additional days needed to complete project beyond contract date.

PREPARED BY: Klare Schroeder, P.E.

DATE: July 26, 2012

	FUNDING TYPE         Sanitary Sewer           COST CENTER         0834           LINE ITEM         4380 (Non-Conforming)           FUND         0604		Sanitary Sewer		Sanitar	y Sewer	Sanitary Sewer		Water		
			34	08	34	0834		0833		0934	
			LINE ITEM 4380 (Non-Conforming)		4380 (Carlson's) 0604		4384 (Matching) 0604		80	4381 (Non-Conforming)	
									0604		0602
		AMOUNT	PERCENT	AMOUNT	PERCENT	AMOUNT	PERCENT	AMOUNT	PERCENT	AMOUNT	PERCENT
ITEM NO.	DESCRIPTION OF ITEM		2.00	0.00	9.0%	0.00	6.0%	0.00	7.0%	0.00	7.5%
1	MOBILIZATION	0.00	3.0% 3.0%	0.00	9.0%	0.00	6.0%	0.00	7.0%	0.00	7.5%
2	INCIDENTAL WORK	0.00	3.0%	0.00	9.0%	0.00	0.078	0.00	, 1.070	0.00	1.070
3	TRAFFIC CONTROL PLAN PREPAR	0.00	3.0%	0.00	9.0%	0.00	6.0%	0.00	7.0% 7.0%	0.00 0.00	7.5% 7.5%
4	TRAFFIC CONTROL	0.00	3.0%	0.00	9.0%	0.00	6.0%		7.0%	0.00	7.5%
5	EROSION CONTROL PLAN	0.00	3.0%	0.00	9.0%	0.00	6.0% 6.0%	0.00	7.0%	0.00	7.5%
6	TEMPORARY EROSION CONTROL	0.00	3.0%	0.00	9.0%	0.00	6.0%	0.00	7.0%	0.00	7.578
7	CONSTRUCTION EROSION CONTE	-0.60	3.0%	-1.80	9.0%	-1.20	6.0%	-1.40	7.0%	-1.50	7.5%
8	CONSTRUCTION EROSION CONTE	0.00	3.0%	0.00	9.0%	0.00	6.0%	0.00	7.0%	0.00	7.5%
9	BID ITEM NOT USED	0.00	0.0%	0.00	0.0%	0.00	0.0%	0.00	0.0%	0.00	0.0%
10	IMPORTED BACKFILL MATERIAL (	-21.75	3.0%	-65.25	9.0%	-43.50	6.0%	-50.75	7.0%	-54.38	7.5%
11	TYPE I BEDDING	-9.00	3.0%	-27.00	9.0%	-18.00	6.0%	-21.00	7.0%	-22.50	7.5%
12	TYPE II FOUNDATION MATERIAL	-9.30	3.0%	-27.90	9.0%	-18.60	6.0%	-21.70	7.0%	-23.25	7.5%
13	TYPE III FOUNDATION MATERIAL	-4.65	3.0%	-13.95	9.0%	-9.30	6.0%	-10.85	7.0%	-11.63	7.5%
14	BID ITEM NOT USED	0.00	0.0%	0.00	0.0%	0.00	0.0%	0.00	0.0%	0.00	0.0%
15	CONTROLLED LOW STRENGTH BA	-66.00	3.0%	-198.00	9.0%	-132.00	6.0%	-154.00	7.0%	-165.00	7.5%
16	AASHTO T-180 SOIL TEST	-9.00	3.0%	-27.00	9.0%	-18.00	6.0%	-21.00	7.0%	-22.50	7.5%
17	CLEARING AND GRUBBING (18" - 2	-45.00	3.0%	-135.00	9.0%	-90.00	6.0%	-105.00	7.0%	-112.50	7.5%
18	REMOVE SANITARY SEWER MANI	0.00	0.0%	. 0.00	0.0%	0.00	0.0%	0.00	100.0%	0.00	0.0%
									- 001	0.00	7 50/
19	REMOVE CONCRETE/ASPHALT PA	0.00	3.0%	0.00	9.0%	0.00	6.0%	0.00		0.00	7.5% 7.5%
20	REMOVE GRAVEL DRIVEWAY	0.00	3.0%	0.00	9.0%	0.00	6.0%	0.00	7.0%	0.00	1.3%
21	REMOVE FIRE HYDRANT AUX. VA	0.00	0.0%	0.00	0.0%	0.00	0.0%	0.00	0.0%	0.00	0.0%
22	CONNECT TO EXISTING SEWER M	0.00	0.0%	0.00	0.0%	0.00	0.0%	0.00	100.0%	0.00	0.0%
. 23	STANDARD MANHOLE, 48" DIA. (0'	0.00	0.0%	0.00	0.0%	0.00	0.0%	0.00	100.0%	0.00	0.0%
24	TERMINATION MANHOLE, 48" DIA.	0.00	15.0%	0.00	50.0%	0.00		0.00		0.00	0.0%
25	EXTRA MANHOLE DEPTH, 48" DIA	0.00	9.0%	0.00	30.0%	0.00	21.0%	0.00		0.00	0.0%
26	4" PVC SEWER SERVICE LINE	91.16	15.0%	303.88	50.0%	212.71	35.0%	0.00	0.0%	0.00	0.0%

## PW082812-03

27	8" PVC SEWER MAIN, SDR-35 (0'-1	43.20	15.0%	144.00	50.0%	100.80	35.0%	0.00	0.0%	0.00	0.0%
28	CONNECT TO EXISTING WATER M	0.00	0.0%	0.00	0.0%	0.00	0.0%	0.00	0.0%	0.00	12.0%
29	8" PVC WATER MAIN, AWWA C-90	0.00	0.0%	0.00	0.0%	0.00	0.0%	0.00	0.0%	157.84	15.0%
30	4" X 4" TAPPING TEE AND VALVE	0.00	0.0%	0.00	0.0%	0.00	0.0%	0.00	0.0%	0.00	0.0%
31	8" X 6" X 8" TEE	0.00	0.0%	0.00	0.0%	0.00	0.0%	0.00	0.0%	0.00	0.0%
32	8" X 8" X 8" TEE	0.00	0.0%	0.00	0.0%	0.00	0.0%	0.00	0.0%	0.00	0.0%
33	8" X 4" REDUCER	0.00	0.0%	0.00	0.0%	0.00	0.0%	0.00	0.0%	0.00	0.0%
34	8" X 6" REDUCER	0.00	0.0%	0.00	0.0%	0.00	0.0%	0.00	0.0%	0.00	24.0%
35	8" 45 DEGREE BEND	0.00	0.0%	0.00	0.0%	0.00	0.0%	0.00	0.0%	0.00	0.0%
36	8" 11.25 DEGREE BEND	0.00	0.0%	0.00	0.0%	0.00	0.0%	0.00	0.0%	0.00	24.0%
37	8" VERTICAL HDC	0.00	0.0%	0.00	0.0%	0.00	0.0%	0.00	0.0%	0.00	24.0%
38	8" MJ PLUG	0.00	0.0%	0.00	0.0%	0.00	0.0%	0.00	0.0%	0.00	0.0%
39	4" MJ PLUG	0.00	0.0%	0.00	0.0%	0.00	0.0%	0.00	0.0%	0.00	0.0%
40	8" GATE VALVE WITH BOX	0.00	0.0%	0.00	0.0%	0.00	0.0%	0.00	0.0%	0.00	0.0%
10	O OME WEVE WITH BOX								-		
41	FIRE HYDRANT WITH AUX VALVE	0.00	0.0%	0.00	0.0%	0.00	0.0%	0.00	0.0%	0.00	. 12.0%
42	WATER SERVICE RECONNECTION	0.00	0.0%	0.00	0.0%	0.00	0.0%	0.00	0.0%	12.00	24.0%
43	1" TAPPING SADDLE	0.00	0.0%	0.00	0.0%	0.00	0.0%	0.00	0.0%	37.20	24.0%
44	1" COPPER WATER SERVICE	0.00	0.0%	0.00	0.0%	0.00	0.0%	0.00	0.0%	211.85	24.0%
<u> </u>	1 00:12:11:11:11:11:11:11:11:11:11:11:11:11:										
45	CATHODIC PROTECTION TESTING	0.00	0.0%	0.00	0.0%	0.00	0.0%	0.00	0.0%	0.00	12.0%
46	BID ITEM NOT USED	0.00	0.0%	0.00	0.0%	0.00	0.0%	0.00	0.0%	0.00	0.0%
47	CATHODIC PROTECTION TEST ST	0.00	0.0%	0.00	0.0%	0.00	0.0%	0.00	0.0%	0.00	12.0%
48	ZINC GALVANIC ANODE (18-LB)	0.00	0.0%	0.00	0.0%	0.00	0.0%	0.00	0.0%	-39.00	12.0%
49	ASPHALT CONCRETE, CLASS G, T	110.88	3.0%	332.64	9.0%	221.76	6.0%	258.72	7.0%	277.20	7.5%
50	AGGREGATE BASE COURSE	15.55	3.0%	46.66	9.0%	31.10	6.0%	36.29	7.0%	38.88	7.5%
51	TYPE B66 CURB AND GUTTER	31.76	3.0%	95.27	9.0%	63.51	6.0%	74.10	7.0%	79.39	7.5%
											:
52	TOPSOIL, PLACE 5" THICK (INCLU	23.52	3.0%	70.56	9.0%	47.04	6.0%	54.88	7.0%	58.80	7.5%
53	SEED: FERTIIZER, MULCH	25.44	3.0%	76.33	9.0%	50.89	6.0%	59.37	7.0%	63.61	7.5%
54	ROCK EXCAVATION	-442.80	15.0%	-1,476.00	50.0%	-1,033.20	35.0%	0.00	0.0%	0.00	0.0%
55	SEWER SERVICE RECONNECTION	135.00	15.0%	450.00	50.0%	315.00	35.0%	0.00	0.0%	0.00	0.0%
56	LIQUIDATED DAMAGES	-187.22	5.3%	-315.00	9.0%	-127.79	3.7%	-245.00	7.0%	-262.50	7.5%
		(\$318.81)		(\$767.57)		(\$448.76)		(\$147.34)		\$221.99	