

CITY OF RAPID CITY CONSTRUCTION CHANGE ORDER #1F
WINDSLOW DRIVE DRAINAGE AND NEBRASKA STREET SANITARY SEWER IMPROVEMENTS
PROJECT NO. 16-2337 / CIP NO. 50975

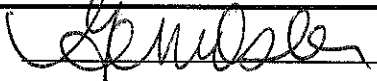
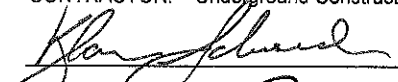
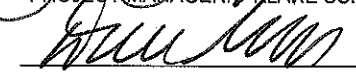
August 30, 2017

ORIGINAL CONTRACT AMOUNT: \$267,055.39
CONTRACTOR: UNDERGROUND CONSTRUCTION, LLC

LINE ITEM	DESCRIPTION	UNIT	CURRENT CONTRACT QUANTITY	UNIT PRICE	EXTENDED PRICE	ADJUSTED QUANTITY	ADJUSTED PRICE	NET CHANGE
1	MOBILIZATION	LS	1.00	\$24,200.00	\$24,200.00	1.00	\$24,200.00	\$0.00
2	INCIDENTAL	LS	1.00	\$5,000.00	\$5,000.00	1.00	\$5,000.00	\$0.00
3	CONSTRUCTION STAKING	LS	1.00	\$5,200.00	\$5,200.00	1.00	\$5,200.00	\$0.00
4	CORNERS	EA	2.00	\$200.00	\$400.00	0.00	\$0.00	(\$400.00)
5	REMOVE SANITARY SEWER MAIN	LF	189.00	\$6.00	\$1,134.00	189.00	\$1,134.00	\$0.00
6	REMOVE SEWER SERVICE LINE	LF	78.00	\$8.00	\$624.00	17.00	\$136.00	(\$488.00)
7	REMOVE MANHOLE	EA	2.00	\$400.00	\$800.00	1.00	\$400.00	(\$400.00)
8	REMOVE AC PAVEMENT	SY	1,566.00	\$4.00	\$6,224.00	1,638.00	\$6,552.00	\$328.00
9	REMOVE PCC SIDEWALK	SF	483.00	\$2.00	\$966.00	608.00	\$1,216.00	\$250.00
10	CURB & GUTTER (TYPE B)	LF	147.00	\$38.00	\$5,586.00	165.50	\$6,289.00	\$703.00
11	DRAIN PAIN	SY	12.00	\$120.00	\$1,440.00	29.55	\$3,546.00	\$2,106.00
12	FILLET & PAN	SY	42.00	\$115.00	\$4,830.00	63.00	\$7,245.00	\$2,415.00
13	EXCAVATION, EXPLORATORY	HR	10.00	\$175.00	\$1,750.00	10.00	\$1,750.00	\$0.00
14	SODDING	SY	89.00	\$8.00	\$712.00	43.00	\$344.00	(\$368.00)
15	BACKFILL MATERIAL (TRENCH)	CY	10.00	\$150.00	\$1,500.00	0.00	\$0.00	(\$1,500.00)
16	(TRENCH)	CY	173.00	\$15.00	\$2,595.00	72.00	\$1,080.00	(\$1,515.00)
17	TYPE III FOUNDATION MATERIAL	T	70.00	\$27.00	\$1,890.00	28.70	\$774.90	(\$1,115.10)
18	8" PVC SEWER MAIN (0'-6')	LF	115.00	\$36.00	\$4,140.00	115.00	\$4,140.00	\$0.00
19	8" PVC SEWER MAIN (6'-8')	LF	142.00	\$37.00	\$5,254.00	86.00	\$3,182.00	(\$2,072.00)
20	8" PVC SEWER MAIN (8'-10')	LF	82.00	\$40.00	\$3,280.00	0.00	\$0.00	(\$3,280.00)
21	4" PVC SEWER SERVICE LINE	LF	68.00	\$50.00	\$3,400.00	19.00	\$950.00	(\$2,450.00)
22	48"	EA	2.00	\$1,900.00	\$3,800.00	2.00	\$3,800.00	\$0.00
23	STANDARD MANHOLE, 48"	EA	1.00	\$1,900.00	\$1,900.00	0.00	\$0.00	(\$1,900.00)
24	EXTRA MANHOLE DEPTH, 48"	VF	5.00	\$225.00	\$1,125.00	0.00	\$0.00	(\$1,125.00)
25	MAIN	EA	3.00	\$750.00	\$2,250.00	2.00	\$1,500.00	(\$750.00)
26	RECONNECT SEWER SERVICE	EA	7.00	\$150.00	\$1,050.00	2.00	\$300.00	(\$750.00)
27	MAIN	EA	1.00	\$300.00	\$300.00	0.00	\$0.00	(\$300.00)
28	(TEXAS AND 5TH STREET)	EA	1.00	\$1,000.00	\$1,000.00	1.00	\$1,000.00	\$0.00

29	BYPASS PUMPING	LS	1.00	\$500.00	\$500.00	1.00	\$500.00	\$0.00
30	18" STORM SEWER PIPE	LF	747.00	\$54.00	\$40,338.00	747.00	\$40,338.00	\$0.00
31	SEWER	EA	1.00	\$900.00	\$900.00	1.00	\$900.00	\$0.00
32	SEWER	EA	1.00	\$1,000.00	\$1,000.00	1.00	\$1,000.00	\$0.00
33	SEWER	EA	3.00	\$1,200.00	\$3,600.00	3.00	\$3,600.00	\$0.00
34	SEWER MANHOLE, 48"	EA	4.00	\$1,250.00	\$5,000.00	4.00	\$5,000.00	\$0.00
35	SEWER INLET	EA	1.00	\$1,000.00	\$1,000.00	1.00	\$1,000.00	\$0.00
36	TYPE "B" INLET	EA	7.00	\$3,880.00	\$27,160.00	7.00	\$27,160.00	\$0.00
37	GRAVEL FILLED FILTER BAG	LF	36.00	\$6.00	\$216.00	40.00	\$240.00	\$24.00
38	9" WATTLES	LF	269.00	\$5.00	\$1,345.00	0.00	\$0.00	(\$1,345.00)
39	PROTECTION	EA	10.00	\$150.00	\$1,500.00	10.00	\$1,500.00	\$0.00
40	AGGREGATE BASE COURSE	T	735.21	\$24.00	\$17,645.04	1,000.60	\$24,014.40	\$6,369.36
41	PG64-22	T	437.63	\$145.00	\$63,456.35	437.80	\$63,481.00	\$24.65
42	NONREINFORCED	SF	535.00	\$7.00	\$3,745.00	608.00	\$4,256.00	\$511.00
43	DETECTABLE WARNING PANEL	SF	32.00	\$25.00	\$800.00	40.00	\$1,000.00	\$200.00
44	TRAFFIC CONTROL	LS	1.00	\$6,500.00	\$6,500.00	1.00	\$6,500.00	\$0.00
45	GEOGRID	SY	0.00	\$3.50	\$0.00	1,440.00	\$5,040.00	\$5,040.00
46	ADJUST MANHOLE	EA	0.00	\$480.00	\$0.00	1.00	\$480.00	\$480.00
47	CONNECT SUMPS	EA	0.00	\$575.00	\$0.00	6.00	\$3,450.00	\$3,450.00
48	WATER MAIN LOWERING	EA	0.00	\$5,250.00	\$0.00	1.00	\$5,250.00	\$5,250.00
49	PIPE ENCASEMENT	EA	0.00	\$1,750.00	\$0.00	1.00	\$1,750.00	\$1,750.00
50	STABILIZATION ROCK	TON	0.00	\$30.00	\$0.00	15.00	\$450.00	\$450.00
51	REPAIR 12" PIPE	LS	0.00	\$1,498.00	\$0.00	1.00	\$1,498.00	\$1,498.00
52	TEMPORARY SHUT DOWN	LS	0.00	\$9,222.30	\$0.00	1.00	\$9,222.30	\$9,222.30
53	FURNISH CITY MELT BASE	EA	0.00	\$692.35	\$0.00	1.00	\$692.35	\$692.35
54	REMOBILIZATION	EA	0.00	\$9,430.00	\$0.00	1.00	\$9,430.00	\$9,430.00
TOTAL					\$267,055.39		\$297,490.95	\$30,435.56

C.C.O. HISTORY INCREASE/(DECREASE)		PRIOR ADJUSTED CONTRACT PRICE :	\$267,055.39
CCO #1F	\$30,435.56	NET INCREASE/(DECREASE):	\$30,435.56
	\$0.00	ADJUSTED CONTRACT PRICE:	\$297,490.95
	\$0.00	CHANGE TO DATE:	\$30,435.56

	9/1/2017
CONTRACTOR: Underground Construction, LLC.	DATE
	9/31/17
PROJECT MANAGER: CLARE SCHROEDER, P.E.	DATE
	9-5-17
CITY ENGINEER: DALE TECH, P.E. / L.S.	DATE
MAYOR: STEVE ALLENDER	DATE
FINANCE: PAULINE SUMPTION	DATE
CONTRACT TIME CHANGE +/-: 0	NEW CONTRACT TIME: Days

City Staff recommends approval of this Change Order #1F to Underground Construction, LLC for an increase of \$30,435.56 based on unit pricing with the following appropriation:

Initial Funding	\$95,588.75	\$0.00	\$0.00	\$171,466.64		\$267,055.39
Fund Type	Sanitary Sewer	Water	Streets	Drainage		
Department	833 / 834	933 / 934	8910	8911		
Line Item	4380	4381	4370	4371		
Fund	0604	0602	0505	0505		
CCO #1F	\$17,482.61			\$12,952.95		\$30,435.56
						\$0.00
						\$0.00
Adjusted Funding	\$113,071.36	\$0.00	\$0.00	\$184,419.59	\$297,490.95	\$297,490.95

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PROJECT NO. 16-2337 / CIP NO. 50975
August 30, 2017
ORIGINAL CONTRACT AMOUNT: \$267,055.39
CONTRACTOR: UNDERGROUND CONSTRUCTION, LLC

LINE ITEM	DESCRIPTION	REASON FOR CHANGE
4	REESTABLISH PROPERTY CORNER	None were needed to complete project.
8	REMOVE AC PAVEMENT	Actual quantities needed to complete project.
15	CONTROLLED LOW STRENGTH BAC	Actual quantities needed to complete project.
20	8" PVC SEWER MAIN (8'-10')	None were needed to complete project.
23	STANDARD MANHOLE, 48"	Not used because of soil issues that would not support sewer.
24	EXTRA MANHOLE DEPTH, 48"	Not used because of soil issues that would not support sewer.
25	CONNECT TO EXISTING SEWER MA	Actual quantities needed to complete project.
26	RECONNECT SEWER SERVICE	Actual quantities needed to complete project.
27	DISCONNECT & PLUG SEWER MAIN	None were needed to complete project.
38	9" WATTLES	None were needed to complete project.
40	AGGREGATE BASE COURSE	Actual quantities needed to complete project.
41	AC PATCHING, CLASS E, TYPE 1 PG	Actual quantities needed to complete project.
42	CONCRETE SIDEWALK, 4" NONREIN	Actual quantities needed to complete project.
43	DETECTABLE WARNING PANEL	Actual quantities needed to complete project.
45	GEOGRID	Subgrade was soft needed to add to support the asphalt.
46	ADJUST MANHOLE	Plans error
47	CONNECT SUMPS	Sump lines were at elevation of storm sewer so they were connected to storm sewer.
48	WATER MAIN LOWERING	Water main was at elevation of sewer line .
49	PIPE ENCASEMENT	DENR regulation of when water and sewer cross need an encasement.
50	STABILIZATION ROCK	Trying to get trench bottom stabilized.
51	REPAIR 12" PIPE	Unknown pipe that was not located had to be repaired.
52	TEMPORARY SHUT DOWN	Contractor was asked to temporarily shut down project until a soution could be found for the soil conditions.
53	FURNISH CITY MELT BASE	The sewer deptment could use the manhole base that could not be installed.
54	REMOBILIZATION	Contractor had to dig up the and place a lamphole on the end of the sewer pipe and finish upthe road .

PREPARED BY: Klare Schroeder

DATE: August 30, 2017

		Sanitary Sewer		Drainage		
FUNDING TYPE		833 / 834		8911		
COST CENTER		4380		4371		
LINE ITEM						
FUND		0604		0505		
ITEM NO.	DESCRIPTION OF ITEM	AMOUNT	PERCENT	AMOUNT	PERCENT	
1	MOBILIZATION	0.00	43%	0.00	57%	100%
2	INCIDENTAL	0.00	43%	0.00	57%	100%
3	CONSTRUCTION STAKING	0.00	43%	0.00	57%	100%
4	REESTABLISH PROPERTY CORNE	0.00	0%	-400.00	100%	100%
5	REMOVE SANITARY SEWER MAIN	0.00	100%	0.00	0%	100%
6	REMOVE SEWER SERVICE LINE	-488.00	100%	0.00	0%	100%
7	REMOVE MANHOLE	-400.00	100%	0.00	0%	100%
8	REMOVE AC PAVEMENT	141.04	43%	186.96	57%	100%
9	REMOVE PCC SIDEWALK	0.00	0%	250.00	100%	100%
10	REMOVE & REPLACE CONCRETE	0.00	0%	703.00	100%	100%
11	REMOVE & REPLACE CONCRETE	905.58	43%	1,200.42	57%	100%
12	REMOVE & REPLACE CONCRETE	1,038.45	43%	1,376.55	57%	100%
13	EXCAVATION, EXPLORATORY	0.00	43%	0.00	57%	100%
14	SODDING	0.00	0%	-368.00	100%	100%
15	CONTROLLED LOW STRENGTH BA	-645.00	43%	-855.00	57%	100%
16	IMPORTED BACKFILL MATERIAL (T	-1,515.00	100%	0.00	0%	100%
17	TYPE III FOUNDATION MATERIAL	-1,115.10	100%	0.00	0%	100%
18	8" PVC SEWER MAIN (0'- 6')	0.00	100%	0.00	0%	100%
19	8" PVC SEWER MAIN (6'- 8')	-2,072.00	100%	0.00	0%	100%
20	8" PVC SEWER MAIN (8'-10')	-3,280.00	100%	0.00	0%	100%
21	4" PVC SEWER SERVICE LINE	-2,450.00	100%	0.00	0%	100%
22	STANDARD SHALLOW MANHOLE,	0.00	100%	0.00	0%	100%
23	STANDARD MANHOLE, 48"	-1,900.00	100%	0.00	0%	100%
24	EXTRA MANHOLE DEPTH, 48"	-1,125.00	100%	0.00	0%	100%
25	CONNECT TO EXISTING SEWER M	-750.00	100%	0.00	0%	100%
26	RECONNECT SEWER SERVICE	-750.00	100%	0.00	0%	100%
27	DISCONNECT & PLUG SEWER MAI	-300.00	100%	0.00	0%	100%
28	RESHAPE MANHOLE INVERT (TEX	0.00	100%	0.00	0%	100%

29	BYPASS PUMPING	0.00	100%	0.00	0%	100%
30	18" STORM SEWER PIPE	0.00	0%	0.00	100%	100%
31	18" 45 DEGREE BEND, STORM SEW	0.00	0%	0.00	100%	100%
32	18" 11.25 DEGREE BEND, STORM S	0.00	0%	0.00	100%	100%
33	18" X 18" X 18" TEE, STORM SEWE	0.00	0%	0.00	100%	100%
34	STANDARD SHALLOW STORM SEW	0.00	0%	0.00	100%	100%
35	CONNECT TO EXISTING STORM S	0.00	0%	0.00	100%	100%
36	TYPE "B" INLET	0.00	0%	0.00	100%	100%
37	GRAVEL FILLED FILTER BAG	10.32	43%	13.68	57%	100%
38	9" WATTLES	-578.35	43%	-766.65	57%	100%
39	EROSION CONTROL, INLET PROTE	0.00	43%	0.00	57%	100%
40	AGGREGATE BASE COURSE	2,738.82	43%	3,630.54	57%	100%
41	AC PATCHING, CLASS E, TYPE 1 P	10.60	43%	14.05	57%	100%
42	CONCRETE SIDEWALK, 4" NONRE	0.00	0%	511.00	100%	100%
43	DETECTABLE WARNING PANEL	0.00	0%	200.00	100%	100%
44	TRAFFIC CONTROL	0.00	43%	0.00	57%	100%
45	GEOGRID	1,713.60	34%	3,326.40	66%	100%
46	ADJUST MANHOLE	0.00	0%	480.00	100%	100%
47	CONNECT SUMPS	0.00	0%	3,450.00	100%	100%
48	WATER MAIN LOWERING	5,250.00	100%	0.00	0%	100%
49	PIPE ENCASEMENT	1,750.00	100%	0.00	0%	100%
50	STABILIZATION ROCK	450.00	100%	0.00	0%	100%
51	REPAIR 12" PIPE	1,498.00	100%	0.00	0%	100%
52	TEMPORARY SHUT DOWN	9,222.30	100%	0.00	0%	100%
53	FURNISH CITY MELT BASE	692.35	100%	0.00	0%	100%
54	REMOBILIZATION	9,430.00	100%	0.00	0%	100%
		\$17,482.61		\$12,952.95		\$30,435.56