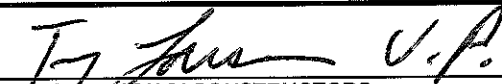
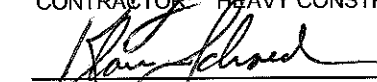



CITY OF RAPID CITY CONSTRUCTION CHANGE ORDER #1F
ENCHANTMENT ROAD SANITARY SEWER EXTENSION
PROJECT NO. 11-1977 / CIP NO. 50882
OCTOBER 18, 2013
ORIGINAL CONTRACT AMOUNT: \$566,112.39
CONTRACTOR: HEAVY CONSTRUCTORS, INC.

LINE ITEM	DESCRIPTION	UNIT	CURRENT CONTRACT QUANTITY	UNIT PRICE	EXTENDED PRICE	ADJUSTED QUANTITY	ADJUSTED PRICE	NET CHANGE
1	MOBILIZATION	LS	1.00	\$49,749.00	\$49,749.00	1.00	\$49,749.00	\$0.00
2	MILLING MOBILIZATION	EA	2.00	\$1,545.00	\$3,090.00	2.00	\$3,090.00	\$0.00
3	INCIDENTAL	LS	1.00	\$7,725.00	\$7,725.00	1.00	\$7,725.00	\$0.00
4	CONSTRUCTION STAKING	LS	1.00	\$5,150.00	\$5,150.00	1.00	\$5,150.00	\$0.00
5	REESTABLISH PROPERTY CORNERS	EA	1.00	\$113.30	\$113.30	0.00	\$0.00	(\$113.30)
6	REMOVE, SALVAGE, PROVIDE NEW BASE, & RESET MANHOLE	EA	1.00	\$1,905.50	\$1,905.50	0.00	\$0.00	(\$1,905.50)
7	ASPHALT MILLING	SY	5,100.00	\$4.27	\$21,777.00	2,257.00	\$9,637.39	(\$12,139.61)
8	REMOVE AC PAVEMENT	SY	300.00	\$5.15	\$1,545.00	3,866.00	\$19,909.90	\$18,364.90
9	REMOVE CONCRETE CURB & GUTTER	LF	434.00	\$5.15	\$2,235.10	304.20	\$1,566.63	(\$668.47)
10	REMOVE CONCRETE DRAIN PAIN	SY	23.10	\$10.30	\$237.93	23.10	\$237.93	\$0.00
11	REMOVE PCC SIDEWALK	SF	760.00	\$2.06	\$1,565.60	452.60	\$932.36	(\$633.24)
12	AASHTO T-180 SOIL TEST	EA	6.00	\$144.20	\$865.20	3.00	\$432.60	(\$432.60)
13	SODDING	SY	335.00	\$11.85	\$3,969.75	76.14	\$902.26	(\$3,067.49)
14	IMPORTED BACKFILL MATERIAL (TRENCH)	CY	200.00	\$10.30	\$2,060.00	0.00	\$0.00	(\$2,060.00)
15	TYPE I BEDDING MATERIAL	T	50.00	\$19.11	\$955.50	0.00	\$0.00	(\$955.50)
16	TYPE II BEDDING MATERIAL	T	25.00	\$19.11	\$477.75	0.00	\$0.00	(\$477.75)
17	TYPE III FOUNDATION MATERIAL	T	50.00	\$22.55	\$1,127.50	0.00	\$0.00	(\$1,127.50)
18	8" PVC SEWER MAIN (0'- 6')	LF	368.00	\$27.09	\$9,969.12	368.00	\$9,969.12	\$0.00
19	8" PVC SEWER MAIN (6'-8')	LF	222.00	\$27.12	\$6,020.64	222.00	\$6,020.64	\$0.00
20	8" PVC SEWER MAIN (8'-10')	LF	345.00	\$27.10	\$9,349.50	345.00	\$9,349.50	\$0.00
21	8" PVC SEWER MAIN (10'-12')	LF	612.00	\$34.29	\$20,985.48	612.00	\$20,985.48	\$0.00
22	8" PVC SEWER MAIN (12'-14')	LF	418.00	\$36.37	\$15,202.66	418.00	\$15,202.66	\$0.00
23	8" PVC SEWER MAIN (14'-16')	LF	222.00	\$38.40	\$8,524.80	222.00	\$8,524.80	\$0.00
24	8" PVC SEWER MAIN (16'-18')	LF	91.00	\$40.59	\$3,693.69	91.00	\$3,693.69	\$0.00
25	12" PVC SEWER MAIN (12'-14')	LF	34.00	\$41.14	\$1,398.76	28.00	\$1,151.92	(\$246.84)
26	12" PVC SEWER MAIN (14'-16')	LF	70.00	\$43.50	\$3,045.00	70.00	\$3,045.00	\$0.00
27	12" PVC SEWER MAIN (16'-18')	LF	435.00	\$45.49	\$19,788.15	435.00	\$19,788.15	\$0.00
28	12" PVC SEWER MAIN (18'-20')	LF	58.00	\$48.16	\$2,793.28	58.00	\$2,793.28	\$0.00

LINE ITEM	DESCRIPTION	UNIT	CURRENT CONTRACT QUANTITY	UNIT PRICE	EXTENDED PRICE	ADJUSTED QUANTITY	ADJUSTED PRICE	NET CHANGE
29	4" PVC SEWER SERVICE LINE	LF	1,121.00	\$28.92	\$32,419.32	1,123.50	\$32,491.62	\$72.30
30	STANDARD MANHOLE, 48"	EA	9.00	\$2,365.90	\$21,293.10	10.00	\$23,659.00	\$2,365.90
31	SHALLOW MANHOLE, 48"	EA	2.00	\$2,482.71	\$4,965.42	1.00	\$2,482.71	(\$2,482.71)
32	DROP MANHOLE, 48"	EA	4.00	\$3,000.24	\$12,000.96	4.00	\$12,000.96	\$0.00
33	EXTRA MANHOLE DEPTH, 48"	VF	103.00	\$172.67	\$17,785.01	103.10	\$17,802.28	\$17.27
34	CONNECT NEW SEWER SERVICE	EA	41.00	\$227.81	\$9,340.21	41.00	\$9,340.21	\$0.00
35	EROSION AND WATER POLLUTION CONTROL	LS	1.00	\$5,150.00	\$5,150.00	1.00	\$5,150.00	\$0.00
36	VEHICLE TRACKING CONTROL	EA	5.00	\$515.00	\$2,575.00	0.00	\$0.00	(\$2,575.00)
37	9" WATTLES	LF	425.00	\$4.12	\$1,751.00	0.00	\$0.00	(\$1,751.00)
38	GRAVEL FILTER SOCK	LF	100.00	\$6.03	\$603.00	32.00	\$192.96	(\$410.04)
39	EROSION CONTROL, INLET PROTECTION	EA	1.00	\$206.00	\$206.00	14.00	\$2,884.00	\$2,678.00
40	GEOFABRIC	SY	5,400.00	\$2.64	\$14,256.00	3,018.50	\$7,968.84	(\$6,287.16)
41	AGGREGATE BASE COURSE, 3/4"	T	2,450.00	\$18.00	\$44,100.00	3,046.75	\$54,841.50	\$10,741.50
42	GRAVEL CUSHION	T	12.00	\$18.00	\$216.00	0.00	\$0.00	(\$216.00)
43	AC, CLASS G, TYPE 1 PG64-28	T	1,525.00	\$93.67	\$142,846.75	1,765.98	\$165,419.35	\$22,572.60
44	CONCRETE CURB & GUTTER, TYPE B6-6	LF	434.00	\$21.63	\$9,387.42	304.20	\$6,579.85	(\$2,807.57)
45	CONCRETE SIDEWALK, 4" NONREINFORCED	SF	760.00	\$4.64	\$3,526.40	456.60	\$2,118.62	(\$1,407.78)
46	LANDSCAPE FABRIC	SY	1,645.00	\$3.24	\$5,329.80	0.00	\$0.00	(\$5,329.80)
47	REMOVE, SALVAGE & REINSTALL LANDSCAPE ROCK	SY	1,645.00	\$6.64	\$10,922.80	1,645.00	\$10,922.80	\$0.00
48	BUSHES (1-2 GAL)	EA	5.00	\$30.90	\$154.50	0.00	\$0.00	(\$154.50)
49	TRAFFIC CONTROL	LS	1.00	\$10,918.00	\$10,918.00	1.00	\$10,918.00	\$0.00
50	REMOVE & REPLACE TYPE "E" INLET THROAT	EA	1.00	\$1,545.00	\$1,545.00	1.00	\$1,545.00	\$0.00
51	MULCHING	SY	111.00	\$8.24	\$914.64	893.00	\$7,358.32	\$6,443.68
52	EROSION CONTROL BLANKET, TYPE 2	SY	111.00	\$2.16	\$239.76	104.89	\$226.56	(\$13.20)
53	CONCRETE DRAIN PAN, 6" REINFORCED	SY	53.00	\$52.53	\$2,784.09	59.20	\$3,109.78	\$325.69
54	CONCRETE DRAIN OUTLET, 6" REINFORCED WITH CURB	LS	1.00	\$4,017.00	\$4,017.00	1.00	\$4,017.00	\$0.00
55	GRADE DITCH	LS	1.00	\$1,545.00	\$1,545.00	1.00	\$1,545.00	\$0.00
56	LIQUIDATED DAMAGES	LS	0.00	(\$650.00)	\$0.00	4.00	(\$2,600.00)	(\$2,600.00)
TOTAL					\$566,112.39		\$579,831.67	\$13,719.28

C.C.O. HISTORY INCREASE/(DECREASE)		PRIOR ADJUSTED CONTRACT PRICE :	\$566,112.39
CCO #1F	\$13,719.28	NET INCREASE/(DECREASE):	\$13,719.28
	\$0.00	ADJUSTED CONTRACT PRICE:	\$579,831.67
	\$0.00	CHANGE TO DATE:	\$13,719.28

 CONTRACTOR: HEAVY CONSTRUCTORS	DATE 11/18/13
 PROJECT MANAGER: KLARE SCHROEDER, P.E.	DATE 11/8/13
 CITY ENGINEER: DALE TECH, P.E. / L.S.	DATE 11-12-13
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 Heavy Constructors for an increase of \$13,719.28 based on unit pricing with the following appropriation:

Initial Funding	\$254,112.39	\$0.00	\$0.00	\$300,000.00	\$12,000.00		\$566,112.39
Fund Type	Revolving Fund	Sewer Expansion	Water Expansion	EPA Grant	Drainage		
Department	0834	0834	0934	0836	8911		
Line Item	4380	4380	4381	4380	4371		
Fund	0604	0604	0602	0604	0505		
CCO #1F	\$9,536.33	\$0.00	\$0.00	(\$0.00)	\$4,182.95		\$13,719.28
							\$0.00
							\$0.00
Adjusted Funding	\$263,648.72	\$0.00	\$0.00	\$300,000.00	\$16,182.95	\$579,831.67	\$579,831.67

CITY OF RAPID CITY CONSTRUCTION CHANGE ORDER #1F
ENCHANTMENT ROAD SANITARY SEWER EXTENSION
PROJECT NO. 11-1977 / CIP NO. 50882
OCTOBER 18, 2013
ORIGINAL CONTRACT AMOUNT: \$566,112.39
CONTRACTOR: HEAVY CONSTRUCTORS, INC.

LINE ITEM	DESCRIPTION	REASON FOR CHANGE
5	REESTABLISH PROPERTY CORNERS	None used to complete project.
6	REMOVE, SALVAGE, PROVIDE NEW BASE, & RESET MANHOLE	None used to complete project.
7	ASPHALT MILLING	Actual quantities needed to complete project.
8	REMOVE AC PAVEMENT	Actual quantities needed to complete project.
9	REMOVE CONCRETE CURB & GUTTER	Actual quantities needed to complete project.
11	REMOVE PCC SIDEWALK	Actual quantities needed to complete project.
12	AASHTO T-180 SOIL TEST	Actual quantities needed to complete project.
13	SODDING	Actual quantities needed to complete project.
14	IMPORTED BACKFILL MATERIAL (TRENCH)	None used to complete project.
15	TYPE I BEDDING MATERIAL	None used to complete project.
16	TYPE II BEDDING MATERIAL	None used to complete project.
17	TYPE III FOUNDATION MATERIAL	None used to complete project.
25	12" PVC SEWER MAIN (12'-14')	Actual quantities needed to complete project.
29	4" PVC SEWER SERVICE LINE	Actual quantities needed to complete project.
30	STANDARD MANHOLE, 48"	Actual quantities needed to complete project.
31	SHALLOW MANHOLE, 48"	Actual quantities needed to complete project.
33	EXTRA MANHOLE DEPTH, 48"	Actual quantities needed to complete project.
36	VEHICLE TRACKING CONTROL	None used to complete project.
37	9" WATTLES	None used to complete project.
38	GRAVEL FILTER SOCK	Actual quantities needed to complete project.
39	EROSION CONTROL, INLET PROTECTION	Actual quantities needed to complete project.
40	GEOFABRIC	Actual quantities needed to complete project.
41	AGGREGATE BASE COURSE, 3/4"	More asphalt and base had to be removed and replaced because of depth of lines and sloping of trench for safety.
42	GRAVEL CUSHION	None used to complete project.
43	AC, CLASS G, TYPE 1 PG64-28	More asphalt and base had to be removed and replaced because of depth of lines and sloping of trench for safety.
44	CONCRETE CURB & GUTTER, TYPE B6-6	Actual quantities needed to complete project.

45	CONCRETE SIDEWALK, 4" NONREINFORCED	Actual quantities needed to complete project.
46	LANDSCAPE FABRIC	None used to complete project.
48	BUSHES (1-2 GAL)	None used to complete project.
51	MULCHING	Actual quantities needed to complete project.
52	EROSION CONTROL BLANKET, TYPE 2	Actual quantities needed to complete project.
53	CONCRETE DRAIN PAN, 6" REINFORCED	Actual quantities needed to complete project.
56	LIQUIDATED DAMAGES	Contractor completed project 4 days after contract completion date.

PREPARED BY: Klare Schroeder, P.E.

DATE: October 28, 2013

FUNDING TYPE		Revolving Fund		Sewer Expansion		Water Expansion		EPA Grant		Drainage		
COST CENTER		0834		0834		0934		0836		8911		
LINE ITEM		4380		4380		4381		4380		4371		
FUND		0604		0604		0602		0604		0505		
ITEM NO.	DESCRIPTION OF ITEM	AMOUNT	PERCENT	AMOUNT	PERCENT	AMOUNT	PERCENT	AMOUNT	PERCENT	AMOUNT	PERCENT	
1	MOBILIZATION	0.00	43%	0.00	0%	0.00	0%	0.00	55%	0.00	2%	100%
2	MILLING MOBILIZATION	0.00	46%	0.00	0%	0.00	0%	0.00	54%	0.00	0%	100%
3	INCIDENTAL	0.00	45%	0.00	0%	0.00	0%	0.00	55%	0.00	1%	100%
4	CONSTRUCTION STAKING	0.00	46%	0.00	0%	0.00	0%	0.00	54%	0.00	0%	100%
5	REESTABLISH PROPERTY CORNE	-52.19	46%	0.00	0%	0.00	0%	-61.11	54%	0.00	0%	100%
6	REMOVE, SALVAGE, PROVIDE NE	-877.81	46%	0.00	0%	0.00	0%	-1,027.69	54%	0.00	0%	100%
7	ASPHALT MILLING	-5,592.40	46%	0.00	0%	0.00	0%	-6,547.21	54%	0.00	0%	100%
8	REMOVE AC PAVEMENT	13,633.04	74%	0.00	0%	0.00	0%	4,731.86	26%	0.00	0%	100%
9	REMOVE CONCRETE CURB & GU	-307.95	46%	0.00	0%	0.00	0%	-360.52	54%	0.00	0%	100%
10	REMOVE CONCRETE DRAIN PAI	0.00	46%	0.00	0%	0.00	0%	0.00	54%	0.00	0%	100%
11	REMOVE PCC SIDEWALK	-291.72	46%	0.00	0%	0.00	0%	-341.52	54%	0.00	0%	100%
12	AASHTO T-180 SOIL TEST	-199.29	46%	0.00	0%	0.00	0%	-233.31	54%	0.00	0%	100%
13	SODDING	-1,413.11	46%	0.00	0%	0.00	0%	-1,654.38	54%	0.00	0%	100%
14	IMPORTED BACKFILL MATERIAL (-948.99	46%	0.00	0%	0.00	0%	-1,111.01	54%	0.00	0%	100%
15	TYPE I BEDDING MATERIAL	-440.17	46%	0.00	0%	0.00	0%	-515.33	54%	0.00	0%	100%
16	TYPE II BEDDING MATERIAL	-220.09	46%	0.00	0%	0.00	0%	-257.66	54%	0.00	0%	100%
17	TYPE III FOUNDATION MATERIAL	-519.41	46%	0.00	0%	0.00	0%	-608.09	54%	0.00	0%	100%
18	8" PVC SEWER MAIN (0'- 6')	0.00	46%	0.00	0%	0.00	0%	0.00	54%	0.00	0%	100%
19	8" PVC SEWER MAIN (6'-8')	0.00	46%	0.00	0%	0.00	0%	0.00	54%	0.00	0%	100%
20	8" PVC SEWER MAIN (8'-10')	0.00	46%	0.00	0%	0.00	0%	0.00	54%	0.00	0%	100%
21	8" PVC SEWER MAIN (10'-12')	0.00	46%	0.00	0%	0.00	0%	0.00	54%	0.00	0%	100%
22	8" PVC SEWER MAIN (12'-14')	0.00	46%	0.00	0%	0.00	0%	0.00	54%	0.00	0%	100%
23	8" PVC SEWER MAIN (14'-16')	0.00	46%	0.00	0%	0.00	0%	0.00	54%	0.00	0%	100%
24	8" PVC SEWER MAIN (16'-18')	0.00	46%	0.00	0%	0.00	0%	0.00	54%	0.00	0%	100%
25	12" PVC SEWER MAIN (12'-14')	-113.71	46%	0.00	0%	0.00	0%	-133.13	54%	0.00	0%	100%
26	12" PVC SEWER MAIN (14'-16')	0.00	46%	0.00	0%	0.00	0%	0.00	54%	0.00	0%	100%
27	12" PVC SEWER MAIN (16'-18')	0.00	46%	0.00	0%	0.00	0%	0.00	54%	0.00	0%	100%
28	12" PVC SEWER MAIN (18'-20')	0.00	46%	0.00	0%	0.00	0%	0.00	54%	0.00	0%	100%

29	4" PVC SEWER SERVICE LINE	33.31	46%	0.00	0%	0.00	0%	38.99	54%	0.00	0%	100%
30	STANDARD MANHOLE, 48"	1,089.91	46%	0.00	0%	0.00	0%	1,275.99	54%	0.00	0%	100%
31	SHALLOW MANHOLE, 48"	-1,143.72	46%	0.00	0%	0.00	0%	-1,338.99	54%	0.00	0%	100%
32	DROP MANHOLE, 48"	0.00	46%	0.00	0%	0.00	0%	0.00	54%	0.00	0%	100%
33	EXTRA MANHOLE DEPTH, 48"	7.96	46%	0.00	0%	0.00	0%	9.31	54%	0.00	0%	100%
34	CONNECT NEW SEWER SERVICE	0.00	46%	0.00	0%	0.00	0%	0.00	54%	0.00	0%	100%
35	EROSION AND WATER POLLUTION CONTROL	0.00	46%	0.00	0%	0.00	0%	0.00	54%	0.00	0%	100%
36	VEHICLE TRACKING CONTROL	-1,186.24	46%	0.00	0%	0.00	0%	-1,388.76	54%	0.00	0%	100%
37	9" WATTLES	-806.64	46%	0.00	0%	0.00	0%	-944.36	54%	0.00	0%	100%
38	GRAVEL FILTER SOCK	-188.89	46%	0.00	0%	0.00	0%	-221.15	54%	0.00	0%	100%
39	EROSION CONTROL, INLET PROTECTION	1,191.71	45%	0.00	0%	0.00	0%	1,459.51	55%	26.78	1%	100%
40	GEOFABRIC	-2,896.33	46%	0.00	0%	0.00	0%	-3,390.83	54%	0.00	0%	100%
41	AGGREGATE BASE COURSE, 3/4"	4,948.33	46%	0.00	0%	0.00	0%	5,793.17	54%	0.00	0%	100%
42	GRAVEL CUSHION	-99.51	46%	0.00	0%	0.00	0%	-116.49	54%	0.00	0%	100%
43	AC, CLASS G, TYPE 1 PG64-28	10,398.61	46%	0.00	0%	0.00	0%	12,173.99	54%	0.00	0%	100%
44	CONCRETE CURB & GUTTER, TYPE 1	-1,293.37	46%	0.00	0%	0.00	0%	-1,514.20	54%	0.00	0%	100%
45	CONCRETE SIDEWALK, 4" NONREINFORCED	-648.53	46%	0.00	0%	0.00	0%	-759.25	54%	0.00	0%	100%
46	LANDSCAPE FABRIC	-2,455.30	46%	0.00	0%	0.00	0%	-2,874.50	54%	0.00	0%	100%
47	REMOVE, SALVAGE & REINSTALL	0.00	46%	0.00	0%	0.00	0%	0.00	54%	0.00	0%	100%
48	BUSHES (1-2 GAL)	-71.17	46%	0.00	0%	0.00	0%	-83.33	54%	0.00	0%	100%
49	TRAFFIC CONTROL	0.00	45%	0.00	0%	0.00	0%	0.00	55%	0.00	1%	100%
50	REMOVE & REPLACE TYPE "E" INLET	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	100%	100%
51	SEEDING, FERTILIZING, & MULCHING	0.00	0%	0.00	0%	0.00	0%	0.00	0%	6,443.68	100%	100%
52	EROSION CONTROL BLANKET, TYPE 1	0.00	0%	0.00	0%	0.00	0%	0.00	0%	-13.20	100%	100%
53	CONCRETE DRAIN PAN, 6" REINFORCED	0.00	0%	0.00	0%	0.00	0%	0.00	0%	325.69	100%	100%
54	CONCRETE DRAIN OUTLET, 6" REINFORCED	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	100%	100%
55	GRADE DITCH	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	100%	100%
56	LIQUIDATED DAMAGES	0.00	0%	0.00	0%	0.00	0%	0.00	0%	-2,600.00	100%	100%
		\$9,536.33		\$0.00		\$0.00		(\$0.00)		\$4,182.95		\$13,719.28