

CITY OF RAPID CITY CONSTRUCTION CHANGE ORDER #1F

Long View Road Water Transmission Main Extension

PROJECT NO. 2012 - 2013 / CIP NO. 50900

DECEMBER 14, 2015

ORIGINAL CONTRACT AMOUNT: \$1,857,477.25

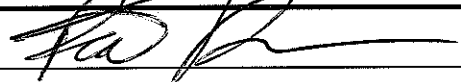

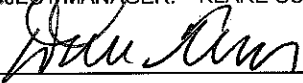
CONTRACTOR: MAINLINE CONTRACTING, INC.

LINE ITEM	DESCRIPTION	UNIT	CURRENT CONTRACT QUANTITY	UNIT PRICE	EXTENDED PRICE	ADJUSTED QUANTITY	ADJUSTED PRICE	NET CHANGE
1	MOBILIZATION	LS	1.00	\$23,000.00	\$23,000.00	1.00	\$23,000.00	\$0.00
2	INCIDENTAL WORK	LS	1.00	\$99,000.00	\$99,000.00	1.00	\$99,000.00	\$0.00
3	CONSTRUCTION STAKING	LS	1.00	\$15,000.00	\$15,000.00	1.00	\$15,000.00	\$0.00
4	REESTABLISH PROPERTY CORNERS	EA	8.00	\$100.00	\$800.00	1.00	\$100.00	(\$700.00)
5	CLEARING & GRUBBING	LS	1.00	\$2,500.00	\$2,500.00	1.00	\$2,500.00	\$0.00
6	REMOVE AC PAVEMENT (1.5" MILL)	SY	870.00	\$7.00	\$6,090.00	1,161.90	\$8,133.30	\$2,043.30
7	REMOVE FENCE	LF	8,560.00	\$0.75	\$6,420.00	8,560.00	\$6,420.00	\$0.00
8	REMOVE AND RESET MAILBOX	EA	2.00	\$125.00	\$250.00	0.00	\$0.00	(\$250.00)
9	REMOVE & RESET SIGN	EA	5.00	\$125.00	\$625.00	5.00	\$625.00	\$0.00
10	AASHTO T-180 SOIL TEST	EA	6.00	\$175.00	\$1,050.00	4.00	\$700.00	(\$350.00)
11	EXCAVATION, EXPLORATORY	LS	1.00	\$5,000.00	\$5,000.00	1.00	\$5,000.00	\$0.00
12	TOPSOIL, PLACE	CY	3,534.00	\$6.75	\$23,854.50	3,456.00	\$23,328.00	(\$526.50)
13	TOPSOIL STRIP & STOCKPILE	CY	3,534.00	\$4.00	\$14,136.00	3,456.00	\$13,824.00	(\$312.00)
14	TOPSOIL COMPOST MIXTURE, FURNISH AND PLACE	TON	270.00	\$27.00	\$7,290.00	287.32	\$7,757.64	\$467.64
15	SEEDING, FERTILIZING, MULCHING PASTURE MIX	SY	57,340.00	\$0.28	\$16,055.20	57,340.00	\$16,055.20	\$0.00
16	SEEDING, FERTILIZING, MULCHING DITCH MIX	SY	4,370.00	\$0.28	\$1,223.60	4,370.00	\$1,223.60	\$0.00
17	20" DIA. - 0.350" THICKNESS STEEL PIPE CASING & BORE	LF	60.00	\$535.00	\$32,100.00	60.00	\$32,100.00	\$0.00
18	30" DIA. - 0.500" THICKNESS STEEL PIPE CASING & BORE	LF	410.00	\$445.00	\$182,450.00	410.00	\$182,450.00	\$0.00
19	CONTROLLED LOW STRENGTH BACKFILL MATERIAL (TRENCH)	CY	100.00	\$65.00	\$6,500.00	0.00	\$0.00	(\$6,500.00)
20	IMPORT BACKFILL MATERIAL (TRENCH)	CY	100.00	\$5.00	\$500.00	0.00	\$0.00	(\$500.00)
21	TYPE I BEDDING MATERIAL	1.00	500.00	\$15.00	\$7,500.00	0.00	\$0.00	(\$7,500.00)
22	TYPE III FOUNDATION MATERIAL	TON	100.00	\$20.00	\$2,000.00	121.52	\$2,430.40	\$430.40
23	TYPE IV FOUNDATION MATERIAL	TON	100.00	\$20.00	\$2,000.00	0.00	\$0.00	(\$2,000.00)
24	6" PVC WATER MAIN, PVC C-900 (DR 18) RESTRAINED JOINT	LF	72.00	\$50.00	\$3,600.00	52.16	\$2,608.00	(\$992.00)
25	8" PVC WATER MAIN, PVC C-900 (DR 18) RESTRAINED JOINT	LF	90.00	\$50.00	\$4,500.00	70.00	\$3,500.00	(\$1,000.00)

LINE ITEM	DESCRIPTION	UNIT	CURRENT CONTRACT QUANTITY	UNIT PRICE	EXTENDED PRICE	ADJUSTED QUANTITY	ADJUSTED PRICE	NET CHANGE
26	12" PVC WATER MAIN, PVC C-900 (DR 18) RESTRAINED JOINT	LF	28.00	\$90.00	\$2,520.00	28.00	\$2,520.00	\$0.00
27	16" PVC WATER MAIN, PVC C-905, (DR 18) RESTRAINED JOINT	LF	10,934.00	\$83.50	\$912,989.00	10,954.00	\$914,659.00	\$1,670.00
28	6" 45 DEGREE BEND	EA	6.00	\$875.00	\$5,250.00	6.00	\$5,250.00	\$0.00
29	16" 11.25 DEGREE BEND	EA	2.00	\$2,000.00	\$4,000.00	2.00	\$4,000.00	\$0.00
30	16" 22.5 DEGREE BEND	EA	1.00	\$1,700.00	\$1,700.00	1.00	\$1,700.00	\$0.00
31	16" 45 DEGREE BEND	EA	4.00	\$1,900.00	\$7,600.00	4.00	\$7,600.00	\$0.00
32	16" 90 DEGREE BEND	EA	2.00	\$2,275.00	\$4,550.00	2.00	\$4,550.00	\$0.00
33	16" X 16" CROSS	EA	1.00	\$3,950.00	\$3,950.00	1.00	\$3,950.00	\$0.00
34	16" HIGH DEFLECTION COUPLING	EA	25.00	\$1,800.00	\$45,000.00	25.00	\$45,000.00	\$0.00
35	8" MJ PLUG	EA	1.00	\$750.00	\$750.00	1.00	\$750.00	\$0.00
36	12" MJ PLUG	EA	1.00	\$900.00	\$900.00	1.00	\$900.00	\$0.00
37	16" MJ PLUG	EA	2.00	\$1,100.00	\$2,200.00	2.00	\$2,200.00	\$0.00
38	8" X 6" REDUCER	EA	4.00	\$550.00	\$2,200.00	4.00	\$2,200.00	\$0.00
39	16" X 12" REDUCER	EA	1.00	\$1,090.00	\$1,090.00	1.00	\$1,090.00	\$0.00
40	16" X 16" X 6" TEE	EA	4.00	\$2,100.00	\$8,400.00	4.00	\$8,400.00	\$0.00
41	16" X 16" X 8" TEE	EA	4.00	\$2,150.00	\$8,600.00	4.00	\$8,600.00	\$0.00
42	16" X 16" X 16" TEE	EA	1.00	\$3,000.00	\$3,000.00	1.00	\$3,000.00	\$0.00
43	8" GATE VALVE WITH BOX	EA	1.00	\$1,900.00	\$1,900.00	1.00	\$1,900.00	\$0.00
44	12" GATE VALVE WITH BOX	EA	1.00	\$3,000.00	\$3,000.00	1.00	\$3,000.00	\$0.00
45	16" GATE VALVE WITH BOX	EA	17.00	\$6,900.00	\$117,300.00	17.00	\$117,300.00	\$0.00
46	FIRE HYDRANT WITH AUX VALVE, BOX	EA	4.00	\$5,400.00	\$21,600.00	4.00	\$21,600.00	\$0.00
47	COMBINATION FIRE HYDRANT & AIR/VAC ASSEMBLY W/ AUX. VALVE, BOX	EA	4.00	\$11,000.00	\$44,000.00	4.00	\$44,000.00	\$0.00
48	16" LINEAR EXPANSION JOINT	EA	1.00	\$4,800.00	\$4,800.00	1.00	\$4,800.00	\$0.00
49	CONNECT TO EXISTING 16-INCH WATER MAIN	EA	2.00	\$3,250.00	\$6,500.00	2.00	\$6,500.00	\$0.00
50	CORROSION PROTECTION TEST STATION (COMPLETE)	EA	6.00	\$425.00	\$2,550.00	6.00	\$2,550.00	\$0.00
51	18" CMP	LF	86.00	\$54.00	\$4,644.00	90.00	\$4,860.00	\$216.00
52	18" CMP WITH 2 FLARED END SECTIONS	LS	1.00	\$4,280.00	\$4,280.00	1.00	\$4,280.00	\$0.00
53	WATER POLLUTION CONTROL	LS	1.00	\$2,000.00	\$2,000.00	1.00	\$2,000.00	\$0.00
54	EROSION CONTROL BLANKET (ECB)	SY	2,325.00	\$2.50	\$5,812.50	0.00	\$0.00	(\$5,812.50)
55	SILT FENCE	LF	8,915.00	\$4.85	\$43,237.75	4,165.00	\$20,200.25	(\$23,037.50)
56	SILT FENCE, MUCK	LF	1,500.00	\$0.75	\$1,125.00	0.00	\$0.00	(\$1,125.00)
57	ROCK CONSTRUCTION ENTRANCE (VEHICLE TRACKING CONTROL (VTC))	EA	5.00	\$850.00	\$4,250.00	5.00	\$4,250.00	\$0.00

LINE ITEM	DESCRIPTION	UNIT	CURRENT CONTRACT QUANTITY	UNIT PRICE	EXTENDED PRICE	ADJUSTED QUANTITY	ADJUSTED PRICE	NET CHANGE
58	9" SEDIMENT CONTROL WATTLES (SCW)	LF	1,080.00	\$3.50	\$3,780.00	365.00	\$1,277.50	(\$2,502.50)
59	REMOVE & RESET SEDIMENT CONTROL WATTLES	LF	500.00	\$1.50	\$750.00	0.00	\$0.00	(\$750.00)
60	REMOVE SEDIMENT CONTROL WATTLES	LF	1,080.00	\$1.20	\$1,296.00	0.00	\$0.00	(\$1,296.00)
61	REMOVE SILT FENCE	LF	8,915.00	\$0.60	\$5,349.00	0.00	\$0.00	(\$5,349.00)
62	AGGREGATE BASE COURSE, 1" (RESURFACED DRIVEWAYS & APPROACHES)	TON	210.00	\$35.00	\$7,350.00	65.61	\$2,296.35	(\$5,053.65)
63	AC, CLASS E, TYPE 1 PG64-22	TON	80.00	\$150.00	\$12,000.00	129.20	\$19,380.00	\$7,380.00
64	TYPE 2 ROW FENCE	LF	5,450.00	\$1.95	\$10,627.50	5,716.00	\$11,146.20	\$518.70
65	TEMPORARY FENCE	LF	9,482.00	\$1.50	\$14,223.00	9,482.00	\$14,223.00	\$0.00
66	WIRE GATES	LF	216.00	\$6.70	\$1,447.20	204.00	\$1,366.80	(\$80.40)
67	TUBE GATES	LF	104.00	\$16.00	\$1,664.00	80.00	\$1,280.00	(\$384.00)
68	TRAFFIC CONTROL	LS	1.00	\$19,000.00	\$19,000.00	1.00	\$19,000.00	\$0.00
69	TEMPORARY STREAM CROSSING (TSC)	EA	2.00	\$2,000.00	\$4,000.00	0.00	\$0.00	(\$4,000.00)
70	CATHODIC PROTECTION CONTINUITY TESTING AND REPORTING	LS	1.00	\$3,500.00	\$3,500.00	1.00	\$3,500.00	\$0.00
71	CONCRETE SCOUR STOP	LF	75.00	\$60.00	\$4,500.00	75.00	\$4,500.00	\$0.00
72	REFERENCE MARKER	EA	10.00	\$55.00	\$550.00	10.00	\$550.00	\$0.00
73	PIPELINE PIGGING	LS	1.00	\$12,500.00	\$12,500.00	1.00	\$12,500.00	\$0.00
74	TYPE 2 ROW FENCE-ALL WOOD POSTS	LF	3,205.00	\$2.00	\$6,410.00	3,282.00	\$6,564.00	\$154.00
75	1" COPPER SERVICE	LF	58.00	\$36.00	\$2,088.00	58.00	\$2,088.00	\$0.00
76	1" TAPPING SADDLE	EA	1.00	\$200.00	\$200.00	1.00	\$200.00	\$0.00
77	1" CURB STOP & BOX	EA	1.00	\$300.00	\$300.00	1.00	\$300.00	\$0.00
78	CONNECT NEW WATER SERVICE	EA	1.00	\$800.00	\$800.00	1.00	\$800.00	\$0.00
79	WOODEN BARRIERS	EA	0.00	\$350.00	\$0.00	5.00	\$1,750.00	\$1,750.00
80	REMOVE AND RESET ERICKSON FENCE	LF	0.00	\$1.15	\$0.00	615.00	\$707.25	\$707.25
TOTAL					\$1,857,477.25		\$1,802,793.49	(\$54,683.76)

C.C.O. HISTORY INCREASE/(DECREASE)		PRIOR ADJUSTED CONTRACT PRICE :-	\$1,857,477.25
CCO #1	(\$54,683.76)	NET INCREASE/(DECREASE):	(\$54,683.76)
	\$0.00	ADJUSTED CONTRACT PRICE:	\$1,802,793.49
	\$0.00	CHANGE TO DATE:	(\$54,683.76)

	12/19/15
CONTRACTOR: MAINLINE CONTRACTING	DATE
	12/15/15
PROJECT MANAGER: KLARE SCHROEDER, P.E.	DATE
	12-15-15
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 Mainline Contracting for a decrease of \$54,683.76 based on unit pricing with the following appropriation:

Initial Funding	\$1,857,477.25				\$1,857,477.25
Fund Type	WATER BOND				
Department	0932				
Line Item	4381				
Fund	0602				
CCO #1	(\$54,683.76)				(\$54,683.76)
Adjusted Funding	\$1,802,793.49			\$1,802,793.49	\$1,802,793.49

CITY OF RAPID CITY CONSTRUCTION CHANGE ORDER #1F
Long View Road Water Transmission Main Extension
PROJECT NO. 2012 - 2013 / CIP NO. 50900
DECEMBER 14, 2015
ORIGINAL CONTRACT AMOUNT: \$1,857,477.25
CONTRACTOR: MAINLINE CONTRACTING, INC.

LINE ITEM	DESCRIPTION	REASON FOR CHANGE
4	REESTABLISH PROPERTY CORNERS	Not all needed only one property corners was disturbed during construction
6	REMOVE AC PAVEMENT (1.5" MILL)	Additional quantity 7' wide pass on East bound ln. of Longview, several other patches outside of 7' wide pass, open cut Anderson
8	REMOVE AND RESET MAILBOX	Not needed no mail boxes were disturbed during construction
10	AASHTO T-180 SOIL TEST	Actual quantity needed to complete Project
12	TOPSOIL, PLACE	Actual quantity stripped (field measured)
13	TOPSOIL STRIP & STOCKPILE	Actual quantity stripped (field measured)
14	TOPSOIL COMPOST MIXTURE, FURNISH AND PLACE	Actual quantity needed to complete Project
19	CONTROLLED LOW STRENGTH BACKFILL MATERIAL (TRENCH)	Not needed on project, None used on Project
20	IMPORT BACKFILL MATERIAL (TRENCH)	Not needed on project, None used on Project
21	TYPE I BEDDING MATERIAL	Not needed on project, None used on Project
22	TYPE III FOUNDATION MATERIAL	Additional quantity needed on project due to high water table and unstable soils under pipe
23	TYPE IV FOUNDATION MATERIAL	Not needed on project, None used on Project
24	6" PVC WATER MAIN, PVC C-900 (DR 18) RESTRAINED JOINT	Actual quantity needed to complete Project
25	8" PVC WATER MAIN, PVC C-900 (DR 18) RESTRAINED JOINT	Less quantity needed as original quantity was miss counted
27	16" PVC WATER MAIN, PVC C-905, (DR 18) RESTRAINED JOINT	Additional quantity needed on to complete project (no stub out from Phase IV, ending Sta. 328+49 +/-, 20 LF longer than original co
51	18" CMP	Actual quantity needed to complete project.
54	EROSION CONTROL BLANKET (ECB)	Not needed on project, None used on Project
55	SILT FENCE	Actual quantity needed to complete Project (field measured)
56	SILT FENCE, MUCK	Not needed on project, None used on Project
58	9" SEDIMENT CONTROL WATTLES (SCW)	Actual quantity needed to complete Project (field measured)
59	REMOVE & RESET SEDIMENT CONTROL WATTLES	Not needed on project, None used on Project
60	REMOVE SEDIMENT CONTROL WATTLES	Not needed on project, None used on Project

61	REMOVE SILT FENCE	Not needed on project, None used on Project
62	AGGREGATE BASE COURSE, 1" (RESURFACED DRIVEWAYS & APPROACHES)	Actual quantity needed to complete Project
63	AC, CLASS E, TYPE 1 PG64-22	Additional quantity needed to complete Project
64	TYPE 2 ROW FENCE	Additional quantity needed to complete Project
66	WIRE GATES	Actual quantity needed to complete Project
67	TUBE GATES	Actual quantity needed to complete Project
69	TEMPORARY STREAM CROSSING (TSC)	Not needed on project, None used on Project
74	TYPE 2 ROW FENCE-ALL WOOD POSTS	Additional quantity needed to complete Project
79	WOODEN BARRIERS	Additional quantity needed, not included in original contract
80	REMOVE AND RESET ERICKSON FENCE	Additional quantity needed, not included in original contract

PREPARED BY: Klare Schroeder, P.E.

DATE: December 14, 2015

FUNDING TYPE		WATER BOND	
COST CENTER		0932	
LINE ITEM		4381	
FUND		0602	
ITEM NO.	DESCRIPTION OF ITEM	AMOUNT	PERCENT
1	MOBILIZATION	0.00	100%
2	INCIDENTAL WORK	0.00	100%
3	CONSTRUCTION STAKING	0.00	100%
4	REESTABLISH PROPERTY CORNER	-700.00	100%
5	CLEARING & GRUBBING	0.00	100%
6	REMOVE AC PAVEMENT (1.5" MILL)	2,043.30	100%
7	REMOVE FENCE	0.00	100%
8	REMOVE AND RESET MAILBOX	-250.00	100%
9	REMOVE & RESET SIGN	0.00	100%
10	AASHTO T-180 SOIL TEST	-350.00	100%
11	EXCAVATION, EXPLORATORY	0.00	100%
12	TOPSOIL, PLACE	-526.50	100%
13	TOPSOIL STRIP & STOCKPILE	-312.00	100%
14	TOPSOIL COMPOST MIXTURE, FU	467.64	100%
15	SEEDING, FERTILIZING, MULCHING	0.00	100%
16	SEEDING, FERTILIZING, MULCHING	0.00	100%
17	20" DIA. - 0.350" THICKNESS STEEL	0.00	100%
18	30" DIA. - 0.500" THICKNESS STEEL	0.00	100%
19	CONTROLLED LOW STRENGTH BACKFILL	-6,500.00	100%
20	IMPORT BACKFILL MATERIAL (TYPE I)	-500.00	100%
21	TYPE I BEDDING MATERIAL	-7,500.00	100%
22	TYPE III FOUNDATION MATERIAL	430.40	100%
23	TYPE IV FOUNDATION MATERIAL	-2,000.00	100%
24	6" PVC WATER MAIN, PVC C-900 (10')	-992.00	100%
25	8" PVC WATER MAIN, PVC C-900 (10')	-1,000.00	100%

26	12" PVC WATER MAIN, PVC C-900	0.00	100%
27	16" PVC WATER MAIN, PVC C-905,	1,670.00	100%
28	6" 45 DEGREE BEND	0.00	100%
29	16" 11.25 DEGREE BEND	0.00	100%
30	16" 22.5 DEGREE BEND	0.00	100%
31	16" 45 DEGREE BEND	0.00	100%
32	16" 90 DEGREE BEND	0.00	100%
33	16" X 16" CROSS	0.00	100%
34	16" HIGH DEFLECTION COUPLING	0.00	100%
35	8" MJ PLUG	0.00	100%
36	12" MJ PLUG	0.00	100%
37	16" MJ PLUG	0.00	100%
38	8" X 6" REDUCER	0.00	100%
39	16" X 12" REDUCER	0.00	100%
40	16" X 16" X 6" TEE	0.00	100%
41	16" X 16" X 8" TEE	0.00	100%
42	16" X 16" X 16" TEE	0.00	100%
43	8" GATE VALVE WITH BOX	0.00	100%
44	12" GATE VALVE WITH BOX	0.00	100%
45	16" GATE VALVE WITH BOX	0.00	100%
46	FIRE HYDRANT WITH AUX VALVE,	0.00	100%
47	COMBINATION FIRE HYDRANT & A	0.00	100%
48	16" LINEAR EXPANSION JOINT	0.00	100%
49	CONNECT TO EXISTING 16-INCH V	0.00	100%
50	CORROSION PROTECTION TEST S	0.00	100%
51	18" CMP	216.00	100%
52	18" CMP WITH 2 FLARED END SEC	0.00	100%
53	WATER POLLUTION CONTROL	0.00	100%
54	EROSION CONTROL BLANKET (EC	-5,812.50	100%
55	SILT FENCE	-23,037.50	100%
56	SILT FENCE, MUCK	-1,125.00	100%
57	ROCK CONSTRUCTION ENTRANC	0.00	100%
58	9" SEDIMENT CONTROL WATTLES	-2,502.50	100%
59	REMOVE & RESET SEDIMENT CON	-750.00	100%

60	REMOVE SEDIMENT CONTROL WALL	-1,296.00	100%
61	REMOVE SILT FENCE	-5,349.00	100%
62	AGGREGATE BASE COURSE, 1" (F)	-5,053.65	100%
63	AC, CLASS E, TYPE 1 PG64-22	7,380.00	100%
64	TYPE 2 ROW FENCE	518.70	100%
65	TEMPORARY FENCE	0.00	100%
66	WIRE GATES	-80.40	100%
67	TUBE GATES	-384.00	100%
68	TRAFFIC CONTROL	0.00	100%
69	TEMPORARY STREAM CROSSING	-4,000.00	100%
70	CATHODIC PROTECTION CONTIN	0.00	100%
71	CONCRETE SCOUR STOP	0.00	100%
72	REFERENCE MARKER	0.00	100%
73	PIPELINE PIGGING	0.00	100%
74	TYPE 2 ROW FENCE-ALL WOOD P	154.00	100%
75	1" COPPER SERVICE	0.00	100%
76	1" TAPPING SADDLE	0.00	100%
77	1" CURB STOP & BOX	0.00	100%
78	CONNECT NEW WATER SERVICE	0.00	100%
79	WOODEN BARRIERS	1,750.00	100%
80	REMOVE AND RESET ERICKSON F	707.25	100%
		(\$54,683.76)	