

**CITY OF RAPID CITY CONSTRUCTION CHANGE ORDER # 2F
NORTH ELK VALE SEWER MAIN EXTENSION
PROJECT NUMBER SS03-1292**

PW080905-01

July 25, 2005

**ORIGINAL CONTRACT AMOUNT: \$654,899.25
CONTRACTOR: MAINLINE CONTRACTING, INC.**

LINE ITEM	DESCRIPTION	UNIT	CURRENT CONTRACT QUANTITY	UNIT PRICE	EXTENDED PRICE	ADJUSTED QUANTITY	ADJUSTED PRICE	NET CHANGE
1	10" PVC SEWER MAIN (6'- 8')	LF	90.00	\$18.00	\$1,620.00	78.00	\$1,404.00	(\$216.00)
2	10" PVC SEWER MAIN (8'-10')	LF	160.00	\$18.00	\$2,880.00	175.00	\$3,150.00	\$270.00
3	10" PVC SEWER MAIN (10'-12')	LF	419.00	\$20.00	\$8,380.00	415.00	\$8,300.00	(\$80.00)
4	10" PVC SEWER MAIN (12'-14')	LF	310.00	\$23.00	\$7,130.00	318.00	\$7,314.00	\$184.00
5	10" PVC SEWER MAIN (14'-18')	LF	1,080.00	\$26.00	\$28,080.00	1,077.00	\$28,002.00	(\$78.00)
6	10" PVC SEWER MAIN (18'-22')	LF	680.00	\$30.00	\$20,400.00	669.00	\$20,070.00	(\$330.00)
7	10" PVC SEWER MAIN (22'-26')	LF	730.00	\$32.00	\$23,360.00	758.00	\$24,256.00	\$896.00
8	10" PVC SEWER MAIN (26'-30')	LF	50.00	\$35.00	\$1,750.00	46.00	\$1,610.00	(\$140.00)
9	10" PVC SEWER MAIN IN CASING	LF	773.00	\$42.00	\$32,466.00	750.00	\$31,500.00	(\$966.00)
10	8" PVC FORCE MAIN	LF	0.00	\$28.00	\$0.00	0.00	\$0.00	\$0.00
11	REMOVE AND RESET AIR RELEASE VALE	EA	0.00	\$1,300.00	\$0.00	0.00	\$0.00	\$0.00
12	DROP MANHOLE, 60"	EA	1.00	\$5,400.00	\$5,400.00	1.00	\$5,400.00	\$0.00
13	EXTRA MANHOLE DEPTH, 48" DIA.	V FT	155.20	\$310.00	\$48,112.00	155.20	\$48,112.00	\$0.00
14	EXTRA MANHOLE DEPTH, 60" DIA.	V FT	19.20	\$660.00	\$12,672.00	20.40	\$13,464.00	\$792.00
15	EXTRA MANHOLE DEPTH, 72" DIA.	V FT	11.00	\$860.00	\$9,460.00	14.60	\$12,556.00	\$3,096.00
16	STANDARD MANHOLE, 48" DIA.	EA	12.00	\$2,360.00	\$28,320.00	12.00	\$28,320.00	\$0.00
17	STANDARD MANHOLE, 72" DIA.	EA	1.00	\$6,000.00	\$6,000.00	1.00	\$6,000.00	\$0.00
18	CONNECTION TO EXISTING MANHOLE	EA	1.00	\$550.00	\$550.00	1.00	\$550.00	\$0.00
19	MANHOLE BASE, 48" DIA.	EA	1.00	\$900.00	\$900.00	1.00	\$900.00	\$0.00
20	REMOVE AND RESET MANHOLE	EA	1.00	\$1,530.00	\$1,530.00	1.00	\$1,530.00	\$0.00
21	REMOVE MANHOLE	EA	1.00	\$600.00	\$600.00	1.00	\$600.00	\$0.00
22	REMOVE SEWER MAIN	LF	322.00	\$2.00	\$644.00	322.00	\$644.00	\$0.00
23	24" PIPE CASING, BORED AND JACKED	LF	463.00	\$305.00	\$141,215.00	469.00	\$143,045.00	\$1,830.00
24	30" PIPE CASING, BORED AND JACKED	LF	281.00	\$300.00	\$84,300.00	281.00	\$84,300.00	\$0.00
25	TYPE II FOUNDATION MATERIAL	T	16.00	\$23.00	\$368.00	16.43	\$377.89	\$9.89
26	TYPE III FOUNDATION MATERIAL	T	62.00	\$25.00	\$1,550.00	208.20	\$5,205.00	\$3,655.00
27	AASHTO T-180 SOIL TEST	EA	5.00	\$145.00	\$725.00	3.00	\$435.00	(\$290.00)
28	REMOVE & RESET BARBED WIRE FENCE	LF	216.00	\$3.50	\$756.00	216.00	\$756.00	\$0.00
29	GRAVEL SURFACING	T	236.00	\$17.00	\$4,012.00	330.10	\$5,611.70	\$1,599.70
30	EROSION CONTROL, SILT FENCE	LF	400.00	\$6.00	\$2,400.00	400.00	\$2,400.00	\$0.00
31	CLASS 2 RIPRAP	CY	11.00	\$42.00	\$462.00	0.00	\$0.00	(\$462.00)
32	SEEDING, FERTILIZING, MULCHING	SY	28,845.00	\$0.25	\$7,211.25	28,845.00	\$7,211.25	\$0.00
33	RAILROAD INSURANCE	EA	1.00	\$900.00	\$900.00	1.00	\$900.00	\$0.00
34	TRAFFIC CONTROL (RAILROAD)	LS	1.00	\$1,250.00	\$1,250.00	0.00	\$0.00	(\$1,250.00)
35	6' CHAIN LINK FENCE, COMPL.	LF	30.00	\$28.00	\$840.00	30.00	\$840.00	\$0.00
36	CHAINLINK GATE, 16' WIDE	EA	1.00	\$650.00	\$650.00	1.00	\$650.00	\$0.00

37	TRAFFIC CONTROL	LS	1.00	\$21,800.00	\$21,800.00	1.00	\$21,800.00	PW080909-01
38	CONCRETE BARRIER END PROTECTION	EA	2.00	\$18,600.00	\$37,200.00	2.00	\$37,200.00	\$0.00
39	CONCRETE BARRIER END PROTECTION MODULE SET OR REPAIR KIT	EA	2.00	\$110.00	\$220.00	0.00	\$0.00	(\$220.00)
40	WASTE HAULING - WET WELL	LOAD	16.00	\$110.00	\$1,760.00	6.00	\$660.00	(\$1,100.00)
41	WASTE HAULING - HOLDING TANK	LOAD	80.00	\$110.00	\$8,800.00	69.00	\$7,590.00	(\$1,210.00)
42	CONTRACTOR SUPPLIED STAKING	LS	1.00	\$8,350.00	\$8,350.00	1.00	\$8,350.00	\$0.00
43	INCIDENTAL WORK	LS	1.00	\$15,000.00	\$15,000.00	1.00	\$15,000.00	\$0.00
44	MOBILIZATION	LS	1.00	\$22,500.00	\$22,500.00	1.00	\$22,500.00	\$0.00
45	TOPSOIL, STOCKPILE AND REPLACE	CY	3,205.00	\$3.00	\$9,615.00	3,205.00	\$9,615.00	\$0.00
46	IRRIGATION SYSTEM MOBILIZATION	LS	1.00	\$17,000.00	\$17,000.00	0.00	\$0.00	(\$17,000.00)
47	WATER FOR IRRIGATION	MGAL	500.00	\$16.00	\$8,000.00	0.00	\$0.00	(\$8,000.00)
CHANGE ORDER #1								
48	Remove and Reset 12" Water Main	LF	21	\$65.27	\$1,370.67	21.00	\$1,370.67	\$0.00
49	Water Main Sleeves	EA	2	\$292.93	\$585.86	2.00	\$585.86	\$0.00
50	Adjust location of MH #3 for Alignment	LS	1	\$4,861.53	\$4,861.53	1.00	\$4,861.53	\$0.00
51	Add for Value Engineering Item	LS	1	\$4,458.00	\$4,458.00	1.00	\$4,458.00	\$0.00
52	Add for I-90 Barriers	LS	1	\$4,620.00	\$4,620.00	1.00	\$4,620.00	\$0.00
TOTAL					\$653,034.31		\$634,024.90	(\$19,009.41)

C.C.O. HISTORY INCREASE/(DECREASE)		PRIOR ADJUSTED CONTRACT PRICE :	\$653,034.31
CCO #1	(\$1,864.94)	NET INCREASE/(DECREASE):	(\$19,009.41)
CCO #2	(\$19,009.41)	ADJUSTED CONTRACT PRICE:	\$634,024.90
		CHANGE TO DATE:	(\$20,874.35)

CONTRACTOR: Mainline Contracting, Inc., PO Box 3448, Rapid City, SD 57709-3448	DATE
ENGINEER:	DATE
MAYOR:	DATE
FINANCE: JAMES PRESTON	DATE
CONTRACT TIME CHANGE +/-: 0	NEW CONTRACT TIME: Days

City Staff recommends approval of this Change Order #2F to Mainline Contracting, Inc. for (\$19,009.41) based on unit pricing with the following appropriation:

Initial Funding	\$654,899.25	\$0.00	\$0.00	\$0.00	\$654,899.25
Fund Type	San Sewer				
Fund	604				
Department	0833				
Line Item	4380				
CCO2F	(\$20,874.35)				(\$20,874.35)
Adjusted Funding	\$634,024.90	\$0.00	\$0.00	\$0.00	\$634,024.90

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NORTH ELK VALE SEWER MAIN EXTENSION
PROJECT NUMBER SS03-1292
July 25, 2005
ORIGINAL CONTRACT AMOUNT: \$654,899.25
CONTRACTOR: MAINLINE CONTRACTING, INC.

LINE ITEM	DESCRIPTION	REASON FOR CHANGE
1	10" PVC SEWER MAIN (6'- 8')	Less quantity required in field.
2	10" PVC SEWER MAIN (8'-10')	Greater quantity required in field.
3	10" PVC SEWER MAIN (10'-12')	Less quantity required in field.
4	10" PVC SEWER MAIN (12'-14')	Greater quantity required in field.
5	10" PVC SEWER MAIN (14'-18')	Less quantity required in field.
6	10" PVC SEWER MAIN (18'-22')	Less quantity required in field.
7	10" PVC SEWER MAIN (22'-26')	Greater quantity required in field.
8	10" PVC SEWER MAIN (26'-30')	Less quantity required in field.
9	10" PVC SEWER MAIN IN CASING	Less quantity required in field, casing shorter than anticipated.
14	EXTRA MANHOLE DEPTH, 60" DIA.	Design change of MH #3 to avoid force main.
15	EXTRA MANHOLE DEPTH, 72" DIA.	Design change of MH #14 to avoid West River Electric Association utilities.
23	24" PIPE CASING, BORED AND JACKED	Slight field difference to clear slope.
25	TYPE II FOUNDATION MATERIAL	Minimal change in size of load
26	TYPE III FOUNDATION MATERIAL	Substantial unstable and wet areas not anticipated from bore report.
27	AASHTO T-180 SOIL TEST	Additional samples not needed per soil types.
29	GRAVEL SURFACING	Additional quantity required for stability in clayey soils.
31	CLASS 2 RIPRAP	Could not use per plans due to location of force main.
34	TRAFFIC CONTROL (RAILROAD)	Not necessary per DM&E Railroad Agreement.
39	CONCRETE BARRIER END PROTECTION MODULE SET OR REPAIR KIT	Not needed, no damage to barriers
40	WASTE HAULING - WET WELL	Flows less than anticipated, less pumping required.
41	WASTE HAULING - HOLDING TANK	Flows less than anticipated, less pumping required.
46	IRRIGATION SYSTEM MOBILIZATION	Mutual decision made by all, not to irrigate in summer months.
47	WATER FOR IRRIGATION	Mutual decision made by all, not to irrigate in summer months.

PREPARED BY: Paul Faiman

DATE: July 29, 2005