

CITY OF RAPID CITY CONSTRUCTION CHANGE ORDER #2 F

PHASE 1C - SOO SAN WATERMAIN EXTENSION, WTP BACKWASH SYSTEM IMPROVEMENTS, AND SIOUX SAN & PINEDALE #2 BOOSTER STATION MODIFICATIONS -
W06-1425.1C / CIP NO. 50570

December 22, 2006

ORIGINAL CONTRACT AMOUNT: \$340,825.70

CONTRACTOR: MAINLINE CONTRACTING, INC.

LINE ITEM	DESCRIPTION	UNIT	CURRENT CONTRACT QUANTITY	UNIT PRICE	EXTENDED PRICE	ADJUSTED QUANTITY	ADJUSTED PRICE	NET CHANGE
1	SCHEDULE A MOBILIZATION	LS	1.00	\$4,000.00	\$4,000.00	1.00	\$4,000.00	
2	1" COPPER SERVICE	LF	25.00	\$35.50	\$887.50	29.00	\$1,029.50	\$142.00
3	6" PVC WATER MAIN	LF	56.00	\$37.50	\$2,100.00	56.00	\$2,100.00	
4	12" PVC WATER MAIN	LF	454.00	\$55.00	\$24,970.00	454.00	\$24,970.00	
5	1" TAPPING SADDLE	EA	1.00	\$309.00	\$309.00	1.00	\$309.00	
6	12" X 6" REDUCER	EA	2.00	\$556.00	\$1,112.00	2.00	\$1,112.00	
7	12" X 12" X 6" TEE	EA	3.00	\$723.00	\$2,169.00	3.00	\$2,169.00	
8	12" X 12" X 12" TEE	EA	1.00	\$882.00	\$882.00	1.00	\$882.00	
9	6" X 6" TAPPING TEE & VALVE	EA	1.00	\$2,536.00	\$2,536.00	1.00	\$2,536.00	
10	6" 22.5 DEGREE BEND	EA	0.00	\$364.00	\$0.00	0.00	\$0.00	
11	6" 45 DEGREE BEND	EA	5.00	\$364.00	\$1,820.00	5.00	\$1,820.00	
12	12" 11.25 DEGREE BEND	EA	3.00	\$909.00	\$2,727.00	3.00	\$2,727.00	
13	12" 22.5 DEGREE BEND	EA	1.00	\$863.00	\$863.00	1.00	\$863.00	
14	6" GATE VALVE W/ BOX	EA	1.00	\$1,003.00	\$1,003.00	1.00	\$1,003.00	
15	12" GATE VALVE W/ BOX	EA	4.00	\$2,293.00	\$9,172.00	4.00	\$9,172.00	
16	FIRE HYDRANT W/AUX VALVE	EA	1.00	\$3,803.00	\$3,803.00	1.00	\$3,803.00	
17	CONNECT TO EXISTING WATER MAIN	EA	4.00	\$1,533.00	\$6,132.00	4.00	\$6,132.00	
18	RECONNECT WATER SERVICE LINE	EA	1.00	\$315.00	\$315.00	1.00	\$315.00	
19	WATER MAIN ENCASEMENT	LF	20.00	\$166.00	\$3,320.00	20.00	\$3,320.00	
20	IMPORTED BACKFILL	CY	0.00	\$26.35	\$0.00	0.00	\$0.00	
21	TYPE I BEDDING MATERIAL	T	0.00	\$21.00	\$0.00	0.00	\$0.00	
22	TYPE II FOUNDATION MATERIAL	T	0.00	\$29.00	\$0.00	0.00	\$0.00	
23	TYPE III FOUNDATION MATERIAL	T	0.00	\$33.00	\$0.00	0.00	\$0.00	
24	SAWING, ASPHALT PAVEMENT	LF	123.50	\$5.30	\$654.55	123.50	\$654.55	
25	SAWING, CONCRETE PAVEMENT	LF	66.00	\$9.25	\$610.50	66.00	\$610.50	
26	REMOVE ASPHALT CONCRETE PAVEMENT	SY	98.10	\$13.00	\$1,275.30	98.10	\$1,275.30	
27	REMOVE CONCRETE DRIVEWAY PAVEMENT	SY	46.30	\$27.00	\$1,250.10	46.30	\$1,250.10	
28	REMOVE CONCRETE SIDEWALK	SF	150.00	\$4.00	\$600.00	150.00	\$600.00	
29	AGGREGATE BASE COURSE	T	35.59	\$21.00	\$747.39	35.59	\$747.39	
30	ASPHALT CONCRETE, CLASS G, TYPE 1	T	31.82	\$191.00	\$6,077.62	31.82	\$6,077.62	
31	CONCRETE DRIVEWAY PAVEMENT, 6"	SY	46.30	\$110.00	\$5,093.00	46.30	\$5,093.00	
32	CONCRETE SIDEWALK	SF	150.00	\$5.25	\$787.50	150.00	\$787.50	
33	HAULING AND PLACING COCOMPOST	CY	46.00	\$32.35	\$1,488.10	46.00	\$1,488.10	
34	SEEDING, FERTILIZING, MULCHING	SY	1,620.00	\$2.00	\$3,240.00	1,620.00	\$3,240.00	
35	TRAFFIC CONTROL PLAN	LS	1.00	\$323.00	\$323.00	1.00	\$323.00	
36	TRAFFIC CONTROL	LS	1.00	\$2,460.00	\$2,460.00	1.00	\$2,460.00	

Soo San Watermain Phase 1C Project No. W06-1425.1C / CIP 50570

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37	INCIDENTAL WORK	LS	1.00	\$5,264.00	\$5,264.00	1.00	\$5,264.00	
38	12" X 8" REDUCER	EA	1.00	\$750.00	\$750.00	1.00	\$750.00	
39	AASHTO T-180 SOIL TEST	EA	2.00	\$233.00	\$466.00	2.00	\$466.00	
40	SCHEDULE B MOBILIZATION	LS	1.00	\$7,000.00	\$7,000.00	1.00	\$7,000.00	
41	10" PVC WATER MAIN	LF	40.00	\$84.50	\$3,380.00	40.00	\$3,380.00	
42	10" X 6" REDUCER	EA	2.00	\$500.00	\$1,000.00	2.00	\$1,000.00	
43	10" X 10" X 10" TEE	EA	2.00	\$874.00	\$1,748.00	2.00	\$1,748.00	
44	10" 45 DEGREE BEND	EA	1.00	\$648.00	\$648.00	1.00	\$648.00	
45	10" GATE VALVE W/ BOX	EA	2.00	\$1,890.00	\$3,780.00	2.00	\$3,780.00	
46	IMPORTED BACKFILL	CY	0.00	\$25.00	\$0.00	0.00	\$0.00	
47	TYPE I BEDDING MATERIAL	T	0.00	\$21.00	\$0.00	0.00	\$0.00	
48	TYPE II FOUNDATION MATERIAL	T	0.00	\$25.00	\$0.00	0.00	\$0.00	
49	TYPE III FOUNDATION MATERIAL	T	0.00	\$30.00	\$0.00	0.00	\$0.00	
50	SAWING, ASPHALT PAVEMENT	LF	30.00	\$6.00	\$180.00	30.00	\$180.00	
51	SAWING, CONCRETE PAVEMENT	LF	20.60	\$10.00	\$206.00	20.60	\$206.00	
52	REMOVE ASPHALT CONCRETE PAVEMENT	SY	12.40	\$13.00	\$161.20	12.40	\$161.20	
53	REMOVE CONCRETE CURB AND GUTTER	LF	19.00	\$8.00	\$152.00	19.00	\$152.00	
54	REMOVE CONCRETE SIDEWALK	SF	212.65	\$4.00	\$850.60	212.65	\$850.60	
55	REMOVE RETAINING WALL	LF	18.00	\$30.00	\$540.00	18.00	\$540.00	
56	AGGREGATE BASE COURSE	T	9.84	\$21.00	\$206.64	9.84	\$206.64	
57	ASPHALT CONCRETE, CLASS G, TYPE 1	T	4.00	\$320.00	\$1,280.00	4.00	\$1,280.00	
58	CONCRETE CURB & GUTTER, TYPE B66	LF	19.00	\$50.00	\$950.00	19.00	\$950.00	
59	CONCRETE SIDEWALK	SF	212.65	\$5.00	\$1,063.25	212.65	\$1,063.25	
60	CONCRETE TYPE C RETAINING WALL (0-2')	LF	18.00	\$185.00	\$3,330.00	18.00	\$3,330.00	
61	SODDING	SY	59.00	\$11.65	\$687.35	50.00	\$582.50	(\$104.85)
62	TRAFFIC CONTROL PLAN	LS	1.00	\$323.00	\$323.00	0.50	\$161.50	(\$161.50)
63	TRAFFIC CONTROL	LS	1.00	\$1,500.00	\$1,500.00	1.00	\$1,500.00	
64	INCIDENTAL WORK	LS	1.00	\$4,000.00	\$4,000.00	1.00	\$4,000.00	
65	SCHEDULE C MOBILIZATION	LS	1.00	\$4,500.00	\$4,500.00	1.00	\$4,500.00	
66	4" PRESSURE CONTROL VALVE	EA	1.00	\$2,600.00	\$2,600.00	1.00	\$2,600.00	
67	1-1/4" PRESSURE CONTROL VALVE	EA	1.00	\$1,400.00	\$1,400.00	1.00	\$1,400.00	
68	6" INSERTION MAG METER	EA	1.00	\$15,700.00	\$15,700.00	1.00	\$15,700.00	
69	6" X 4" TEE	EA	2.00	\$440.00	\$880.00	2.00	\$880.00	
70	4" BUTTERFLY VALVE	EA	2.00	\$1,202.00	\$2,404.00	2.00	\$2,404.00	
71	4" - 45 DEGREE ELBOW	EA	2.00	\$300.00	\$600.00	2.00	\$600.00	
72	4" X 4" TEE	EA	2.00	\$320.00	\$640.00	2.00	\$640.00	
73	6" MEGA LUG FLANGE ADAPTER	EA	2.00	\$420.00	\$840.00	2.00	\$840.00	
74	6" FLANGED COUPLING ADAPTER	EA	2.00	\$227.00	\$454.00	2.00	\$454.00	
75	4" FLANGED COUPLING ADAPTER	EA	1.00	\$380.00	\$380.00	1.00	\$380.00	
76	6" DUCTILE IRON PIPING	LF	5.00	\$275.00	\$1,375.00	5.00	\$1,375.00	
77	4" DUCTILE IRON PIPING	LF	3.00	\$120.00	\$360.00	3.00	\$360.00	
78	1-1/4" STEEL PIPING	LS	1.00	\$368.00	\$368.00	1.00	\$368.00	
79	PIPE SUPPORTS	LS	1.00	\$2,205.00	\$2,205.00	0.67	\$1,477.35	(\$727.65)

80	PAINTING	LS	1.00	\$916.00	\$916.00	1.00	\$916.00	
81	INCIDENTAL WORK	LS	1.00	\$15,513.00	\$15,513.00	1.00	\$15,513.00	
82	SCHEDULE D MOBILIZATION	LS	1.00	\$9,942.00	\$9,942.00	1.00	\$9,942.00	
83	DEMOLITION	LS	1.00	\$11,796.00	\$11,796.00	1.00	\$11,796.00	
84	30" X 20" TEE	EA	1.00	\$8,918.00	\$8,918.00	1.00	\$8,918.00	
85	20" BUTTERFLY VALVE	EA	1.00	\$6,600.00	\$6,600.00	1.00	\$6,600.00	
86	20" - 90 DEGREE ELBOW	EA	2.00	\$3,069.00	\$6,138.00	2.00	\$6,138.00	
87	20" X 8" TEE	EA	1.00	\$3,200.00	\$3,200.00	1.00	\$3,200.00	
88	20" X 16" REDUCER	EA	1.00	\$2,696.00	\$2,696.00	1.00	\$2,696.00	
89	16" PRESSURE CONTROL VALVE	EA	1.00	\$21,813.00	\$21,813.00	1.00	\$21,813.00	
90	16" - 90 DEGREE ELBOW	EA	1.00	\$1,522.00	\$1,522.00	1.00	\$1,522.00	
91	16" BUTTERFLY VALVE	EA	1.00	\$3,930.00	\$3,930.00	1.00	\$3,930.00	
92	16" FLEXIBLE COUPLING	EA	1.00	\$1,065.00	\$1,065.00	1.00	\$1,065.00	
93	20" X 24" REDUCING ELBOW WITH 16" SIDE OUTLET	EA	1.00	\$10,357.00	\$10,357.00	1.00	\$10,357.00	
94	8" - 90 DEGREE ELBOW	EA	1.00	\$456.00	\$456.00	1.00	\$456.00	
95	CHAIN WHEEL ACTUATOR FOR RELOCATED GATE VALVE	EA	1.00	\$2,016.00	\$2,016.00	1.00	\$2,016.00	
96	8" - 45 DEGREE ELBOW	EA	2.00	\$423.00	\$846.00	1.00	\$423.00	(\$423.00)
97	20" DUCTILE IRON PIPE	LF	25.00	\$622.00	\$15,550.00	25.00	\$15,550.00	
98	16" DUCTILE IRON PIPE	LF	10.00	\$571.00	\$5,710.00	4.00	\$2,284.00	(\$3,426.00)
99	8" DUCTILE IRON PIPE	LF	10.00	\$231.00	\$2,310.00	10.00	\$2,310.00	
100	2" AIR-VAC VALVE	EA	1.00	\$1,701.00	\$1,701.00	1.00	\$1,701.00	
101	PIPE SUPPORTS	LS	1.00	\$5,040.00	\$5,040.00	1.00	\$5,040.00	
102	PAINTING	LS	1.00	\$6,164.00	\$6,164.00	1.00	\$6,164.00	
103	INCIDENTAL WORK	LS	1.00	\$31,578.00	\$31,578.00	1.00	\$31,578.00	
104	8" 90 DEGREE BEND - CCO #1 SCHEDULE A	EA	2.00	\$464.00	\$928.00	2.00	\$928.00	
105	8" PVC WATER MAIN - CCO #1 SCHEDULE A	LF	4.00	\$46.25	\$185.00	4.00	\$185.00	
106	LIQUIDATED DAMAGES	DAY	2.00	(\$450.00)	(\$900.00)	2.00	(\$900.00)	
107	STORED MATERIALS - IN	LS	1.00	\$39,996.80	\$39,996.80	1.00	\$39,996.80	
108	STORED MATERIALS - OUT	LS	1.00	(\$39,996.80)	(\$39,996.80)	1.00	(\$39,996.80)	
109	BACKUP COPPER SERVICE LINE - CCO#2 SCHEDULE D	LS	0.00	\$847.78	\$0.00	1.00	\$847.78	\$847.78
110	OCV VISUAL INDICATORS - CCO#2 SCHEDULE D	EA	0.00	\$158.40	\$0.00	3.00	\$475.20	\$475.20
111	SIDE DISCHARGE ELBOW- CCO# 2 SCHEDULE D	EA	0.00	\$2,005.20	\$0.00	1.00	\$2,005.20	\$2,005.20
112	8" 11.25 BEND- CCO#2 SCHEDULE D	EA	0.00	\$423.00	\$0.00	1.00	\$423.00	\$423.00
113	8" 22.5 BEND - CCO#2 SCHEDULE D	EA	0.00	\$423.00	\$0.00	1.00	\$423.00	\$423.00
TOTAL					\$342,889.60		\$342,362.78	(\$526.82)

C.C.O. HISTORY INCREASE/(DECREASE)			PRIOR ADJUSTED CONTRACT PRICE :	\$342,889.60
	CCO #1	\$2,063.90	NET INCREASE/(DECREASE):	(\$526.82)
	CCO #2	(\$526.82)	ADJUSTED CONTRACT PRICE:	\$342,362.78
			CHANGE TO DATE:	\$1,537.08

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

Ferber Engineering recommends approval of this Change Order to Mainline Contracting for (\$526.82) based on unit pricing with the following appropriation:

Initial Funding	\$0.00	\$340,825.70	\$0.00	\$0.00	\$340,825.70
Fund Type	Streets	Water	San Sewer	Stm Sewer	
Fund	0505	0602	0604	0505	
Department	8910	0933	0833	8911	
Line Item	4370	4381	4380	4371	
CCO1	\$0.00	\$2,063.90	\$0.00	\$0.00	\$2,063.90
CCO2	\$0.00	(\$526.82)	\$0.00	\$0.00	(\$526.82)
CCO3					
CCO4					
Adjusted Funding	\$0.00	\$342,362.78	\$0.00	\$0.00	\$342,362.78

CITY OF RAPID CITY CONSTRUCTION CHANGE ORDER #2 F

PHASE 1C - SOO SAN WATERMAIN EXTENSION, WTP BACKWASH SYSTEM IMPROVEMENTS, AND SIOUX SAN & PINEDALE #2 BOOSTER STATION MODIFICATIONS - W06-1425.1C / CIP NO. 50570

December 22, 2006

ORIGINAL CONTRACT AMOUNT:

\$340,825.70

CONTRACTOR: MAINLINE CONTRACTING, INC.

LINE ITEM	DESCRIPTION	REASON FOR CHANGE
2	1" COPPER SERVICE	Field measurements
61	SODDING	Field measurements
62	TRAFFIC CONTROL PLAN	Field measurements
79	PIPE SUPPORTS	Field measurements
96	8" - 45 DEGREE ELBOW	Field measurements
98	16" DUCTILE IRON PIPE	Field measurements
109	BACKUP COPPER SERVICE LINE - CCO#2 SCHEDULE D	Owner requested temporary line to stay as a perminant back-up service line
110	OCV VISUAL INDICATORS - CCO#2 SCHEDULE D	Owner requested that these testing items remain to aid in determining whether valve is operating properly
111	SIDE DISCHARGE ELBOW- CCO# 2 SCHEDULE D	Required as stated in submittal review
112	8" 11.25 BEND- CCO#2 SCHEDULE D	Field measurements, used in place of 8" - 45 degree elbow
113	8" 22.5 BEND - CCO#2 SCHEDULE D	Field measurements, used in place of 8" - 45 degree elbow

PREPARED BY: _____

DATE: _____

CONCURRENCE BY: _____

DATE: _____