

CITY OF RAPID CITY CONSTRUCTION CHANGE ORDER #1

PW071106-04

PHASE 1C - SOO SAN WATERMAIN EXTENSION, WTP BACKWASH SYSTEM IMPROVEMENTS, AND SIOUX SAN & PINEDALE #2 BOOSTER STATION MODIFICATIONS -

W06-1425.1C / CIP NO. 50570

June 27, 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	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	25.00	\$887.50	
3	6" PVC WATER MAIN	LF	62.00	\$37.50	\$2,325.00	56.00	\$2,100.00	(\$225.00)
4	12" PVC WATER MAIN	LF	451.00	\$55.00	\$24,805.00	454.00	\$24,970.00	\$165.00
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	3.00	\$364.00	\$1,092.00	0.00	\$0.00	(\$1,092.00)
11	6" 45 DEGREE BEND	EA	4.00	\$364.00	\$1,456.00	5.00	\$1,820.00	\$364.00
12	12" 11.25 DEGREE BEND	EA	1.00	\$909.00	\$909.00	3.00	\$2,727.00	\$1,818.00
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	40.00	\$166.00	\$6,640.00	20.00	\$3,320.00	(\$3,320.00)
20	IMPORTED BACKFILL	CY	30.00	\$26.35	\$790.50	0.00	\$0.00	(\$790.50)
21	TYPE I BEDDING MATERIAL	T	15.00	\$21.00	\$315.00	0.00	\$0.00	(\$315.00)
22	TYPE II FOUNDATION MATERIAL	T	15.00	\$29.00	\$435.00	0.00	\$0.00	(\$435.00)
23	TYPE III FOUNDATION MATERIAL	T	15.00	\$33.00	\$495.00	0.00	\$0.00	(\$495.00)
24	SAWING, ASPHALT PAVEMENT	LF	95.00	\$5.30	\$503.50	123.50	\$654.55	\$151.05
25	SAWING, CONCRETE PAVEMENT	LF	42.00	\$9.25	\$388.50	66.00	\$610.50	\$222.00
26	REMOVE ASPHALT CONCRETE PAVEMENT	SY	70.00	\$13.00	\$910.00	98.10	\$1,275.30	\$365.30
27	REMOVE CONCRETE DRIVEWAY PAVEMENT	SY	30.00	\$27.00	\$810.00	46.30	\$1,250.10	\$440.10
28	REMOVE CONCRETE SIDEWALK	SF	145.00	\$4.00	\$580.00	150.00	\$600.00	\$20.00
29	AGGREGATE BASE COURSE	T	39.00	\$21.00	\$819.00	35.59	\$747.39	(\$71.61)
30	ASPHALT CONCRETE, CLASS G, TYPE 1	T	24.00	\$191.00	\$4,584.00	31.82	\$6,077.62	\$1,493.62
31	CONCRETE DRIVEWAY PAVEMENT, 6"	SY	30.00	\$110.00	\$3,300.00	46.30	\$5,093.00	\$1,793.00
32	CONCRETE SIDEWALK	SF	145.00	\$5.25	\$761.25	150.00	\$787.50	\$26.25
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	
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	4.00	\$233.00	\$932.00	2.00	\$466.00	(\$466.00)

LINE ITEM	DESCRIPTION	UNIT	CURRENT CONTRACT QUANTITY	UNIT PRICE	EXTENDED PRICE	ADJUSTED QUANTITY	ADJUSTED PRICE	NET CHANGE
40	MOBILIZATION	LS	1.00	\$7,000.00	\$7,000.00	1.00	\$7,000.00	
41	10" PVC WATER MAIN	LF	32.00	\$84.50	\$2,704.00	40.00	\$3,380.00	\$676.00
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	10.00	\$25.00	\$250.00	0.00	\$0.00	(\$250.00)
47	TYPE I BEDDING MATERIAL	T	10.00	\$21.00	\$210.00	0.00	\$0.00	(\$210.00)
48	TYPE II FOUNDATION MATERIAL	T	10.00	\$25.00	\$250.00	0.00	\$0.00	(\$250.00)
49	TYPE III FOUNDATION MATERIAL	T	10.00	\$30.00	\$300.00	0.00	\$0.00	(\$300.00)
50	SAWING, ASPHALT PAVEMENT	LF	26.00	\$6.00	\$156.00	30.00	\$180.00	\$24.00
51	SAWING, CONCRETE PAVEMENT	LF	26.00	\$10.00	\$260.00	20.60	\$206.00	(\$54.00)
52	REMOVE ASPHALT CONCRETE PAVEMENT	SY	10.00	\$13.00	\$130.00	12.40	\$161.20	\$31.20
53	REMOVE CONCRETE CURB AND GUTTER	LF	12.00	\$8.00	\$96.00	19.00	\$152.00	\$56.00
54	REMOVE CONCRETE SIDEWALK	SF	119.00	\$4.00	\$476.00	212.65	\$850.60	\$374.60
55	REMOVE RETAINING WALL	LF	12.00	\$30.00	\$360.00	18.00	\$540.00	\$180.00
56	AGGREGATE BASE COURSE	T	10.00	\$21.00	\$210.00	9.84	\$206.64	(\$3.36)
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	12.00	\$50.00	\$600.00	19.00	\$950.00	\$350.00
59	CONCRETE SIDEWALK	SF	119.00	\$5.00	\$595.00	212.65	\$1,063.25	\$468.25
60	CONCRETE TYPE C RETAINING WALL (0-2')	LF	12.00	\$185.00	\$2,220.00	18.00	\$3,330.00	\$1,110.00
61	SODDING	SY	59.00	\$11.65	\$687.35	59.00	\$687.35	
62	TRAFFIC CONTROL PLAN	LS	1.00	\$323.00	\$323.00	1.00	\$323.00	
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	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	1.00	\$2,205.00	
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	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	

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LINE ITEM	DESCRIPTION	UNIT	CURRENT CONTRACT QUANTITY	UNIT PRICE	EXTENDED PRICE	ADJUSTED QUANTITY	ADJUSTED PRICE	NET CHANGE
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	2.00	\$846.00	
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	10.00	\$5,710.00	
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	EA	0.00	\$464.00	\$0.00	2.00	\$928.00	\$928.00
105	8" PVC WATER MAIN	LF	0.00	\$46.25	\$0.00	4.00	\$185.00	\$185.00
106	LIQUIDATED DAMAGES	DAY	0.00	(\$450.00)	\$0.00	2.00	(\$900.00)	(\$900.00)
TOTAL					\$340,825.70		\$342,889.60	\$2,063.90

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C.C.O. HISTORY INCREASE/(DECREASE)		PRIOR ADJUSTED CONTRACT PRICE :		\$340,825.70
CCO #1	\$2,063.90	NET INCREASE/(DECREASE):		\$2,063.90
CCO #2		ADJUSTED CONTRACT PRICE:		\$342,889.60
CCO #3		CHANGE TO DATE:		\$0.00
CCO #4				

_____ 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 \$2,063.90 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					
CCO3					
CCO4					
Adjusted Funding	\$0.00	\$342,889.60	\$0.00	\$0.00	\$342,889.60

CITY OF RAPID CITY CONSTRUCTION CHANGE ORDER #1

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

June 27, 2006

ORIGINAL CONTRACT AMOUNT:

\$340,825.70

CONTRACTOR: MAINLINE CONTRACTING, INC.

LINE ITEM	DESCRIPTION	REASON FOR CHANGE
3	6" PVC WATER MAIN	Field measurements
4	12" PVC WATER MAIN	Field measurements
10	6" 22.5 DEGREE BEND	Actual pipe elevations for tie-ins
11	6" 45 DEGREE BEND	Actual pipe elevations for tie-ins
12	12" 11.25 DEGREE BEND	Actual pipe elevations for tie-ins
19	WATER MAIN ENCASEMENT	Actual area to be encased was less than required
24	SAWING, ASPHALT PAVEMENT	Field measurements and additional cutting for sunken area located in St. Andrew's driveway.
25	SAWING, CONCRETE PAVEMENT	Field measurements and additional cutting for area around the valve to be abandoned
26	REMOVE ASPHALT CONCRETE PAVEMENT	Field measurements and additional removal for sunken area located in St. Andrew's driveway.
27	REMOVE CONCRETE DRIVEWAY PAVEMENT	Field measurements and additional removal for area around the valve to be abandoned
28	REMOVE CONCRETE SIDEWALK	Field measurements
29	AGGREGATE BASE COURSE	Delivery Tickets
30	ASPHALT CONCRETE, CLASS G, TYPE 1	Delivery Tickets and additional patching of area in St. Andrews driveway.
31	CONCRETE DRIVEWAY PAVEMENT, 6"	Field measurements and additional area around valve to be abandoned.
32	CONCRETE SIDEWALK	Field measurements
39	AASHTO T-180 SOIL TEST	Actual requirement
41	10" PVC WATER MAIN	Additional piping for tie-in at the Booster Station
50	SAWING, ASPHALT PAVEMENT	Field measurements
51	SAWING, CONCRETE PAVEMENT	Field measurements
52	REMOVE ASPHALT CONCRETE PAVEMENT	Field measurements
53	REMOVE CONCRETE CURB AND GUTTER	Field measurements
54	REMOVE CONCRETE SIDEWALK	Field measurements
55	REMOVE RETAINING WALL	Field measurements
56	AGGREGATE BASE COURSE	Delivery Tickets
58	CONCRETE CURB & GUTTER, TYPE B66	Field measurements
59	CONCRETE SIDEWALK	Field measurements
60	CONCRETE TYPE C RETAINING WALL (0-2')	Field measurements
104	8" 90 DEGREE BEND	Difference in actual pipe elevations at the 8" tie-in for Range Road.
105	8" PVC WATER MAIN	Difference in actual pipe elevations at the 8" tie-in for Range Road.
106	LIQUIDATED DAMAGES	Work conducted beyond the completion date of June, 16 2006.

PREPARED BY: _____

DATE: _____

CONCURRENCE BY: _____

DATE: _____