

CITY OF RAPID CITY
CONSTRUCTION CHANGE ORDER

PROJECT NAME: HAINES AVENUE WATER & SANITARY SEWER FORCE MAIN IMPROVEMENTS

PROJECT NO: SSW97-696

CONTRACTOR: HEAVY CONSTRUCTORS INC

ORIGINAL CONTRACT AMOUNT: \$322,871.20

CHANGE ORDER NO.: 3F

DATE: 19-Mar-01

LINE ITEM	DESCRIPTION	UNIT	CONTRACT QUANTITY	UNIT PRICE	EXTENDED PRICE	INSTALLED QUANTITY	INSTALLED PRICE	INCREASE/ (DECREASE)
1	MOBILIZATION	LS	1.00	\$10,000.00	\$10,000.00	1.00	\$10,000.00	\$0.00
2	REMOVE MANHOLE	EA	6.00	\$550.00	\$3,300.00	6.00	\$3,300.00	\$0.00
3	MUCK EXCAVATION	CM	100.00	\$13.00	\$1,300.00	0.00	\$0.00	(\$1,300.00)
4	INCIDENTAL WORK	LS	1.00	\$5,750.00	\$5,750.00	1.00	\$5,750.00	\$0.00
5	MANHOLE, ADJUST	EA	11.00	\$200.00	\$2,200.00	11.00	\$2,200.00	\$0.00
6	CLEANOUT	EA	4.00	\$150.00	\$600.00	4.00	\$600.00	\$0.00
7	400 PVC WATERLINE - F&I	M	29.50	\$112.00	\$3,304.00	21.00	\$2,352.00	(\$952.00)
8	RECONNECT WTR SERVICE	EA	10.00	\$165.00	\$1,650.00	8.00	\$1,320.00	(\$330.00)
9	25 COPPER WATER SERVICE LINE	M	60.00	\$40.00	\$2,400.00	38.50	\$1,540.00	(\$860.00)
10	25 CURB STOP WITH BOX	EA	10.00	\$171.00	\$1,710.00	8.00	\$1,368.00	(\$342.00)
11	300 PVC WATER MAIN	M	970.00	\$69.50	\$67,415.00	970.00	\$67,415.00	\$0.00
12	ADJUST VALVE BOX	EA	4.00	\$110.00	\$440.00	4.00	\$440.00	\$0.00
13	200 X 200 DI MJ TEE	EA	1.00	\$410.00	\$410.00	0.00	\$0.00	(\$410.00)
14	400 BUTTERFLY VALVE W/BOX	EA	2.00	\$1,950.00	\$3,900.00	1.00	\$1,950.00	(\$1,950.00)
15	150 PVC WATER LINE	M	73.50	\$39.60	\$2,910.60	72.00	\$2,851.20	(\$59.40)
16	200 PVC WATER LINE	M	157.20	\$88.00	\$13,833.60	143.00	\$12,584.00	(\$1,249.60)
17	150 GATE VALVE AND VALVE BOX	EA	2.00	\$550.00	\$1,100.00	2.00	\$1,100.00	\$0.00
18	200 GATE VALVE AND VALVE BOX	EA	6.00	\$775.00	\$4,650.00	4.00	\$3,100.00	(\$1,550.00)
19	300 BUTTERFLY VALVE & VALVE BX	EA	8.00	\$1,067.00	\$8,536.00	8.00	\$8,536.00	\$0.00
20	200 X 90 DEGREE BEND	EA	5.00	\$260.00	\$1,300.00	9.00	\$2,340.00	\$1,040.00
21	100 PVC SEWER SERVICE LINE	M	117.40	\$42.50	\$4,989.50	119.00	\$5,057.50	\$68.00
22	TYPE I GRANULAR MATERIAL	MT	894.95	\$14.70	\$13,155.77	1027.60	\$15,105.72	\$1,949.96
23	TYPE II GRANULAR MATERIAL	MT	100.00	\$14.00	\$1,400.00	42.50	\$595.00	(\$805.00)
24	200 PVC FORCE MAIN	M	378.60	\$48.50	\$18,362.10	382.00	\$18,527.00	\$164.90
25	TIE TO EXISTING WATER MAIN	EA	10.00	\$633.00	\$6,330.00	11.00	\$6,963.00	\$633.00
26	200 PVC SANITARY SEWER	M	83.20	\$60.00	\$4,992.00	83.20	\$4,992.00	\$0.00
27	350 PVC WATERLINE - F&I	M	61.00	\$98.00	\$5,978.00	61.00	\$5,978.00	\$0.00
28	200 X 90 DEG DI MJ BEND	EA	7.00	\$260.00	\$1,820.00	0.00	\$0.00	(\$1,820.00)
29	200 X 150 DI MJ REDUCER	EA	6.00	\$228.00	\$1,368.00	6.00	\$1,368.00	\$0.00
30	150 X 90 DEG DI MJ BEND	EA	2.00	\$222.00	\$444.00	2.00	\$444.00	\$0.00
31	200 SEWER CAP/PLUG	EA	5.00	\$121.00	\$605.00	3.00	\$363.00	(\$242.00)
32	RECONNECT SEWER SERVICE	EA	7.00	\$165.00	\$1,155.00	7.00	\$1,155.00	\$0.00
33	PIPE ENCASEMENT	CM	136.10	\$446.50	\$60,768.65	52.00	\$23,218.00	(\$37,550.65)

34	AASHTO T-180 SOIL TEST	EA	10.00	\$110.00	\$1,100.00	0.00	\$0.00	(\$1,100.00)
35	300 X 150 DI MJ REDUCER	EA	3.00	\$284.00	\$852.00	0.00	\$0.00	(\$852.00)
36	150 X 45 DEG DI MJ BEND	EA	3.00	\$213.00	\$639.00	4.00	\$852.00	\$213.00
37	200 X 45 DEG DI MJ BEND	EA	15.00	\$319.00	\$4,785.00	7.00	\$2,233.00	(\$2,552.00)
38	WATER MAIN INSULATION PAD	SM	100.00	\$11.00	\$1,100.00	41.20	\$453.20	(\$646.80)
39	300 X 300 DI MJ TEE	EA	3.00	\$480.00	\$1,440.00	0.00	\$0.00	(\$1,440.00)
40	300 X 200 DI MJ REDUCER	EA	4.00	\$286.00	\$1,144.00	1.00	\$286.00	(\$858.00)
41	FH,AUX VALVE & FH LEAD	EA	14.00	\$1,892.00	\$26,488.00	14.00	\$26,488.00	\$0.00
42	400 TAPPING TEE	EA	1.00	\$715.00	\$715.00	0.00	\$0.00	(\$715.00)
43	600 STEEL CASING	M	8.50	\$1,110.00	\$9,435.00	8.50	\$9,435.00	\$0.00
44	400 X 45 DEG DI MJ BEND	EA	4.00	\$1,100.00	\$4,400.00	4.00	\$4,400.00	\$0.00
45	100 SEWER WYE	EA	2.00	\$143.00	\$286.00	2.00	\$286.00	\$0.00
46	350 PVC CAP	EA	1.00	\$286.00	\$286.00	1.00	\$286.00	\$0.00
47	400 X 400 DI MJ CROSS	EA	1.00	\$1,750.00	\$1,750.00	0.00	\$0.00	(\$1,750.00)
48	350 BUTTERFLY VALVE W/BOX	EA	2.00	\$1,870.00	\$3,740.00	2.00	\$3,740.00	\$0.00
49	400 X 150 DI MJ REDUCER	EA	1.00	\$580.00	\$580.00	0.00	\$0.00	(\$580.00)
50	400 X 350 TAPPING TEE	EA	1.00	\$5,500.00	\$5,500.00	0.00	\$0.00	(\$5,500.00)
51	350 X 350 DI MJ TEE	EA	1.00	\$1,375.00	\$1,375.00	1.00	\$1,375.00	\$0.00
52	350 X 300 DI MJ REDUCER	EA	1.00	\$360.00	\$360.00	1.00	\$360.00	\$0.00
53	350 X 350 DI MJ CROSS	EA	1.00	\$1,400.00	\$1,400.00	0.00	\$0.00	(\$1,400.00)
54	350 X 150 DI MJ REDUCER	EA	1.00	\$420.00	\$420.00	0.00	\$0.00	(\$420.00)
55	400 X 200 TAPPING TEE	EA	1.00	\$2,550.00	\$2,550.00	2.00	\$5,100.00	\$2,550.00
56	300 X 90 DEG DI MJ BEND	EA	2.00	\$400.00	\$800.00	2.00	\$800.00	\$0.00
57	300 X 300 DI MJ CROSS	EA	2.00	\$950.00	\$1,900.00	0.00	\$0.00	(\$1,900.00)
58	Stockpiled Materials	LS	0.00	\$53,282.50	\$0.00	0.00	\$0.00	\$0.00
59	Contractor Furnished Construction Staking - Utilities	LS	1.00	\$3,060.00	\$3,060.00	1.00	\$3,060.00	\$0.00
60	37 mm Copper	M	3.00	52.00	\$156.00	3.00	\$156.00	\$0.00
61	37 x 300 Saddle & Corp, Stop & Box	EA	1.00	350.00	\$350.00	1.00	\$350.00	\$0.00
62	50 mm Copper	M	2.50	80.00	\$200.00	2.50	\$200.00	\$0.00
63	50 x 300 Saddle & Corp, Stop & Box	EA	1.00	400.00	\$400.00	1.00	\$400.00	\$0.00
64	100 22.5 Deg Bend	EA	1.00	140.00	\$140.00	1.00	\$140.00	\$0.00
65	100 45 Deg Bend	EA	3.00	140.00	\$420.00	3.00	\$420.00	\$0.00
66	100 90 Deg Bend	EA	1.00	140.00	\$140.00	1.00	\$140.00	\$0.00
67	100 Gate Valve	EA	1.00	480.00	\$480.00	1.00	\$480.00	\$0.00
68	100 PVC Waterline	M	23.50	39.60	\$930.60	23.50	\$930.60	\$0.00
69	150 X 150 Tee	EA	1.00	250.00	\$250.00	1.00	\$250.00	\$0.00
70	200 X 150 Tee	EA	2.00	410.00	\$820.00	2.00	\$820.00	\$0.00
71	300 X 100 Tee	EA	1.00	450.00	\$450.00	1.00	\$450.00	\$0.00
72	300 X 150 Tee	EA	4.00	480.00	\$1,920.00	4.00	\$1,920.00	\$0.00
73	300 X 200 Cross	EA	2.00	950.00	\$1,900.00	2.00	\$1,900.00	\$0.00
74	300 X 200 Tee	EA	2.00	286.00	\$572.00	2.00	\$572.00	\$0.00
75	350 X 150 Cross	EA	1.00	1400.00	\$1,400.00	1.00	\$1,400.00	\$0.00
76	350 X 90 Deg Bend	EA	1.00	1250.00	\$1,250.00	1.00	\$1,250.00	\$0.00
77	400 X 100 Tapping Tee & Valve	EA	1.00	2480.00	\$2,480.00	1.00	\$2,480.00	\$0.00
78	400 X 150 Tapping Tee & Valve	EA	2.00	2550.00	\$5,100.00	2.00	\$5,100.00	\$0.00
79	400 X 350 Tee	EA	1.00	3750.00	\$3,750.00	1.00	\$3,750.00	\$0.00

80	Hydrant Extension	LF	0.00	300.00	\$0.00	10.00	\$3,000.00	\$3,000.00
81	Hydrant Removals	EA	0.00	450.00	\$0.00	8.00	\$3,600.00	\$3,600.00
82	Forcemain tie-in	LS	0.00	3500.00	\$0.00	1.00	\$3,500.00	\$3,500.00
83	Temporary tie-in	LS	0.00	2000.00	\$0.00	1.00	\$2,000.00	\$2,000.00
84			0.00	0.00	\$0.00	0.00	\$0.00	\$0.00
85			0.00	0.00	\$0.00	0.00	\$0.00	\$0.00
250			0.00	0.00	\$0.00	0.00	\$0.00	\$0.00
	END BID ITEMS							
	TOTAL				\$357,290.82		\$306,875.22	(\$50,415.60)

C.C.O. HISTORY INCREASE/(DECREASE)			PRIOR ADJUSTED CONTRACT PRICE :	\$357,290.82
CCO #1	\$	3,060.00	NET INCREASE/(DECREASE):	(\$50,415.60)
CCO #2	\$	31,359.62		
CCO #3F	\$	(50,415.60)	ADJUSTED CONTRACT PRICE:	\$306,875.22
PRIOR TOTAL =	\$	(15,995.98)	CHANGE TO DATE:	(\$15,995.98)

CONTRACTOR: _____	DATE: _____
ENGINEER: _____	DATE: _____
MAYOR: _____	DATE: _____
FINANCE: _____	DATE: _____
CONTRACT TIME CHANGE +/-: 2days	NEW CONTRACT TIME: N/A

CITY OF RAPID CITY
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LINE ITEM	DESCRIPTION	REASON FOR CHANGE

PREPARED BY: _____

DATE: _____