

**CITY OF RAPID CITY CONSTRUCTION CHANGE ORDER #2F
DYESS AVENUE WATER SYSTEM CONSTRUCTION
W99-845**

JANUARY 13, 2004

ORIGINAL CONTRACT AMOUNT: \$552,990.65

CONTRACTOR: HEAVY CONSTRUCTORS, INC. DBA EXCAVATING SPECIALISTS

LINE ITEM	DESCRIPTION	UNIT	CURRENT CONTRACT QUANTITY	UNIT PRICE	EXTENDED PRICE	ADJUSTED QUANTITY	ADJUSTED PRICE	NET CHANGE
1	2" COPPER SERVICE	LF	427.00	\$20.60	\$8,796.20	377	\$7,766.20	(\$1,030.00)
2	4" PVC CERTA-LOK CONDUIT	LF	270.00	\$22.35	\$6,034.50	300	\$6,705.00	\$670.50
3	4" PVC CERTA-LOK WATER SERVICE	LF	317.00	\$22.30	\$7,069.10	326	\$7,269.80	\$200.70
4	6" PVC CERTA-LOK WATER SERVICE	LF	73.00	\$33.00	\$2,409.00	65	\$2,145.00	(\$264.00)
5	6" PVC WATER MAIN	LF	137.00	\$21.00	\$2,877.00	105	\$2,205.00	(\$672.00)
6	8" PVC WATER MAIN	LF	950.00	\$16.75	\$15,912.50	996	\$16,683.00	\$770.50
7	12" PVC WATER MAIN	LF	1,319.00	\$23.25	\$30,666.75	1320	\$30,690.00	\$23.25
8	14" WATER MAIN	LF	5,756.00	\$28.10	\$161,743.60	5756	\$161,743.60	\$0.00
9	2" TAPPING SADDLE & CORP STOP	EA	15.00	\$385.00	\$5,775.00	14	\$5,390.00	(\$385.00)
10	2" CURB STOP & BOX	EA	15.00	\$385.00	\$5,775.00	14	\$5,390.00	(\$385.00)
11	6" X 4" MJ REDUCER	EA	5.00	\$325.00	\$1,625.00	5	\$1,625.00	\$0.00
12	8" X 6" MJ REDUCER	EA	1.00	\$400.00	\$400.00	1	\$400.00	\$0.00
13	14" X 8" MJ REDUCER	EA	1.00	\$1,000.00	\$1,000.00	1	\$1,000.00	\$0.00
14	14" X 12" MJ REDUCER	EA	3.00	\$1,000.00	\$3,000.00	3	\$3,000.00	\$0.00
15	8" X 8" X 6" TEE	EA	5.00	\$560.00	\$2,800.00	5	\$2,800.00	\$0.00
16	12" X 12" X 6" TEE	EA	4.00	\$760.00	\$3,040.00	4	\$3,040.00	\$0.00
17	14" X 14" X 6" TEE	EA	15.00	\$1,250.00	\$18,750.00	15	\$18,750.00	\$0.00
18	14" X 14" X8" TEE	EA	3.00	\$1,450.00	\$4,350.00	3	\$4,350.00	\$0.00
19	8" 11.25 DEGREE BEND	EA	1.00	\$500.00	\$500.00	1	\$500.00	\$0.00
20	8" 90 DEGREE BEND	EA	1.00	\$525.00	\$525.00	1	\$525.00	\$0.00

LINE ITEM	DESCRIPTION	UNIT	CURRENT CONTRACT QUANTITY	UNIT PRICE	EXTENDED PRICE	ADJUSTED QUANTITY	ADJUSTED PRICE	NET CHANGE
21	14" 22.5 DEGREE BEND	EA	2.00	\$900.00	\$1,800.00	2	\$1,800.00	\$0.00
22	14" 90 DEGREE BEND	EA	2.00	\$1,400.00	\$2,800.00	2	\$2,800.00	\$0.00
23	14"X14" CROSS	EA	2.00	\$2,150.00	\$4,300.00	2	\$4,300.00	\$0.00
24	14"X12" CROSS	EA	1.00	\$1,850.00	\$1,850.00	1	\$1,850.00	\$0.00
25	4" PLUG	EA	5.00	\$240.00	\$1,200.00	5	\$1,200.00	\$0.00
26	6" MJ PLUG	EA	2.00	\$250.00	\$500.00	2	\$500.00	\$0.00
27	12" MJ PLUG	EA	3.00	\$850.00	\$2,550.00	3	\$2,550.00	\$0.00
28	14" PLUG	EA	1.00	\$1,250.00	\$1,250.00	1	\$1,250.00	\$0.00
29	4" GATE VALVE W/ BOX	EA	5.00	\$1,050.00	\$5,250.00	5	\$5,250.00	\$0.00
30	6" GATE VALVE W/ BOX	EA	3.00	\$1,250.00	\$3,750.00	3	\$3,750.00	\$0.00
31	FIRE HYDRANT W/AUX VALVE	EA	17.00	\$2,630.00	\$44,710.00	17	\$44,710.00	\$0.00
32	NEW 2" WATER SERVICE CONNECTION	EA	4.00	\$250.00	\$1,000.00	0	\$0.00	(\$1,000.00)
33	TIE TO EXISTING WATER MAIN	EA	1.00	\$1,200.00	\$1,200.00	1	\$1,200.00	\$0.00
34	14" DRAINAGE CROSSING	LF	60.00	\$140.00	\$8,400.00	60	\$8,400.00	\$0.00
35	12" GATE VALVE & BOX	EA	5.00	\$2,015.00	\$10,075.00	5	\$10,075.00	\$0.00
36	14" GATE VALVE W/BOX	EA	17.00	\$4,400.00	\$74,800.00	17	\$74,800.00	\$0.00
37	CORROSION CONTROL TEST STATION	EA	4.00	\$500.00	\$2,000.00	4	\$2,000.00	\$0.00
38	EXPLORATORY EXCAVATION	HR	20.00	\$110.00	\$2,200.00	12	\$1,320.00	(\$880.00)
39	TYPE 1 BEDDING MATERIAL	T	2,180.00	\$12.00	\$26,160.00	2565.2	\$30,782.40	\$4,622.40
40	TYPE 2 FOUNDATION MATERIAL	T	624.00	\$12.00	\$7,488.00	341.53	\$4,098.36	(\$3,389.64)
41	24" STEEL CASING PIPE	LF	70.00	\$250.00	\$17,500.00	70	\$17,500.00	\$0.00
42	AASHTO T-180 SOIL TEST	EA	6.00	\$130.00	\$780.00	3	\$390.00	(\$390.00)
43	TOPSOIL, FURNISH & PLACE	CY	54.00	\$19.80	\$1,069.20	0	\$0.00	(\$1,069.20)
44	TOPSOIL, PLACE	CY	1,070.00	\$6.70	\$7,169.00	1070	\$7,169.00	\$0.00

LINE ITEM	DESCRIPTION	UNIT	CURRENT CONTRACT QUANTITY	UNIT PRICE	EXTENDED PRICE	ADJUSTED QUANTITY	ADJUSTED PRICE	NET CHANGE
45	REMOVE & DISPOSE ASPHALT PAVEMENT	SY	141.00	\$7.70	\$1,085.70	199	\$1,532.30	\$446.60
46	REMOVE FENCE	LF	1,232.00	\$0.40	\$492.80	1023	\$409.20	(\$83.60)
47	AGGREGATE BASE COURSE	T	102.00	\$10.00	\$1,020.00	160.31	\$1,603.10	\$583.10
48	AC PATCHING, CLASS G, TYPE 2, 5"	SY	85.00	\$28.00	\$2,380.00	279	\$7,812.00	\$5,432.00
49	EROSION CONTROL, HAY BALES	EA	42.00	\$13.20	\$554.40	42	\$554.40	\$0.00
50	EROSION CONTROL, SILT FENCE	LF	150.00	\$4.40	\$660.00	150	\$660.00	\$0.00
51	EROSION CONTROL, HI-VELOCITY EXCELSIOR BLANKET	SY	5,297.00	\$2.10	\$11,123.70	2800	\$5,880.00	(\$5,243.70)
52	MUCK SILT FENCE	CY	25.00	\$27.50	\$687.50	0	\$0.00	(\$687.50)
53	REMOVE & RESET FENCE	LF	2,478.00	\$1.65	\$4,088.70	2412	\$3,979.80	(\$108.90)
54	SEEDING, FERTILIZING, MULCHING,	ACRE	7.10	\$1,000.00	\$7,100.00	7.1	\$7,100.00	\$0.00
55	TEMPORARY FENCE	LF	7,595.00	\$0.60	\$4,557.00	2412	\$1,447.20	(\$3,109.80)
56	SET/RESET PROPERTY PINS	EA	5.00	\$190.00	\$950.00	2	\$380.00	(\$570.00)
57	INCIDENTAL WORK	LS	1.00	\$5,750.00	\$5,750.00	1	\$5,750.00	\$0.00
58	CONTRACTOR SUPPLIED STAKING	LS	1.00	\$6,065.00	\$6,065.00	1	\$6,612.58	\$547.58
59	MOBILIZATION	LS	1.00	\$17,000.00	\$17,000.00	1	\$17,000.00	\$0.00
60	CONTRACTOR SUPPLIED DENSITY TESTS	EA	77.00	\$25.00	\$1,925.00	86	\$2,150.00	\$225.00
	CHANGE ORDER #1							
61	12"x8" TAPPING SLEEVE & VALVE	EA	1.00	\$2,700.00	\$2,700.00	1	\$2,700.00	\$0.00
62	6" 45 DEGREE BEND	EA	11.00	\$450.00	\$4,950.00	10	\$4,500.00	(\$450.00)
63	8" GATE VALVE W/ BOX	EA	4.00	\$1,600.00	\$6,400.00	4	\$6,400.00	\$0.00
64	8" PVC CERTA-LOK WATER SERVICE	LF	80.00	\$56.00	\$4,480.00	80	\$4,480.00	\$0.00
	CHANGE ORDER #2							
65	8" RESTRAINED CAP	EA		\$325.00	\$0.00	3	\$975.00	\$975.00
66	12" SLEEVE	EA		\$950.00	\$0.00	1	\$950.00	\$950.00

LINE ITEM	DESCRIPTION	UNIT	CURRENT CONTRACT QUANTITY	UNIT PRICE	EXTENDED PRICE	ADJUSTED QUANTITY	ADJUSTED PRICE	NET CHANGE
67	14" 11.25 DEGREE BEND	EA		\$1,000.00	\$0.00	2	\$2,000.00	\$2,000.00
68	CONCRETE WATERLINE ENCASEMENT	LS		\$750.00	\$0.00	1	\$750.00	\$750.00
69	48 L.F. 18" RCP	LS		\$947.40	\$0.00	1	\$947.40	\$947.40
70	GEOGRID	SY		\$4.00	\$0.00	80	\$320.00	\$320.00
71	8" PVC SEWER MAIN	LF		\$25.00	\$0.00	13	\$325.00	\$325.00
72	LIQUIDATED DAMAGES	DAY		(\$1,000.00)	\$0.00	5	(\$5,000.00)	(\$5,000.00)
TOTAL					\$596,819.65		\$591,890.34	(\$4,929.31)

C.C.O. HISTORY INCREASE/(DECREASE)		PRIOR ADJUSTED CONTRACT PRICE :	\$596,819.65
CCO #1	\$43,829.00	NET INCREASE/(DECREASE):	(\$4,929.31)
CCO #2	(\$4,929.31)	ADJUSTED CONTRACT PRICE:	\$591,890.34
		CHANGE TO DATE:	\$38,899.69

CONTRACTOR: _____	DATE: _____
ENGINEER: _____	DATE: _____
MAYOR: _____	DATE: _____
FINANCE: _____	DATE: _____
CONTRACT TIME CHANGE +/-: 23 WORKING DAYS	
NEW CONTRACT TIME: DECEMBER 11, 2003 (excluding seeding due to seasonal limitations)	

LINE ITEM	DESCRIPTION	UNIT	CURRENT CONTRACT QUANTITY	UNIT PRICE	EXTENDED PRICE	ADJUSTED QUANTITY	ADJUSTED PRICE	NET CHANGE
-----------	-------------	------	---------------------------	------------	----------------	-------------------	----------------	------------

CITY OF RAPID CITY CONSTRUCTION CHANGE ORDER #2F

DYESS AVENUE WATER SYSTEM CONSTRUCTION

W99-845

JANUARY 13, 2004

ORIGINAL CONTRACT AMOUNT: \$552,990.65

CONTRACTOR: HEAVY CONSTRUCTORS, INC. DBA EXCAVATING SPECIALISTS

LINE ITEM	DESCRIPTION	REASON FOR CHANGE
	1-5, 7-31, 33-38, 41-47, 49-50, 52-54, 56-64	Adjust for actual quantities installed
6	8" PVC WATER MAIN	Additional length east of Dane Lane, Distribution Lane, and Dyess south of Mall Drive (E-W align shift to north)
32	NEW 2" WATER SERVICE CONNECTION	Connections not made until Supplemental Tap Fees paid - connection to be done by owner at time of connection
39, 40	Type 1 BEDDING/Type 2 FOUNDATION MAT'L	Wet trench stabilization - used additional Type 1 in lieu of Type 2
48	AC PATCHING, CLASS G, TYPE 2, 5"	Trench stability required larger excavation in patching area, plus existing pavement 10" vs. plan call-out of 5"
51	EROSION CONTROL, HI-VELOCITY EXCELSIOR BLANKET	Trench area along Northstar being disturbed by development work - reseeding in overlaying areas to be by development contractor that will follow water line installation
55	TEMPORARY FENCE	By agreement of property owners, required temporary fencing not as extensive as anticipated
65	8" RESTRAINED CAP	required cap at end of E.Dane Lane area not called out in original quantities of CO #1
66	12" SLEEVE	required sleeve to make tie-in at cross at tie-in point near VIC / Lowery Lane
67, 68	14" 11.25d BEND, Conc. Waterline Encase.	lowering necessary at Dane Lane sewer crossing
69	48 L.F. 18" RCP	plans call for salvage & re-install; condition of pipe when excavated such that salvage not possible
70	GEOGRID	patching at Dyess-Seger; existing section had geogrid (not identified in plans) - replace in-kind
71	8" PVC SEWER MAIN	Dane Lane sewer extended to clear water main and to get clear of ditch culverts being placed
72	LIQUIDATED DAMAGES	Exceeded agreed upon time extension by 5 working days; Agreed time extension included 20 working days for material delivery delays beyond the control of the Contractor, 2 weather days, and 1 day for additional work related to sewer work & lowering at Dane

PREPARED BY: Sigurds R. Zvejnieks, Project Manager

DATE: January 13, 2004