

**CITY OF RAPID CITY CONSTRUCTION CHANGE ORDER #1  
DYESS AVENUE WATER SYSTEM CONSTRUCTION  
W99-845**

**OCTOBER 8, 2003**

**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		\$0.00	
2	4" PVC CERTA-LOK CONDUIT	LF	270.00	\$22.35	\$6,034.50		\$0.00	
3	4" PVC CERTA-LOK WATER SERVICE	LF	317.00	\$22.30	\$7,069.10		\$0.00	
4	6" PVC CERTA-LOK WATER SERVICE	LF	135.00	\$33.00	\$4,455.00	73	\$2,409.00	(\$2,046.00)
5	6" PVC WATER MAIN	LF	37.00	\$21.00	\$777.00	137	\$2,877.00	\$2,100.00
6	8" PVC WATER MAIN	LF	570.00	\$16.75	\$9,547.50	950	\$15,912.50	\$6,365.00
7	12" PVC WATER MAIN	LF	1,319.00	\$23.25	\$30,666.75		\$0.00	
8	14" WATER MAIN	LF	5,756.00	\$28.10	\$161,743.60		\$0.00	
9	2" TAPPING SADDLE & CORP STOP	EA	15.00	\$385.00	\$5,775.00		\$0.00	
10	2" CURB STOP & BOX	EA	15.00	\$385.00	\$5,775.00		\$0.00	
11	6" X 4" MJ REDUCER	EA	5.00	\$325.00	\$1,625.00		\$0.00	
12	8" X 6" MJ REDUCER	EA	1.00	\$400.00	\$400.00		\$0.00	
13	14" X 8" MJ REDUCER	EA	1.00	\$1,000.00	\$1,000.00		\$0.00	
14	14" X 12" MJ REDUCER	EA	1.00	\$1,000.00	\$1,000.00	3	\$3,000.00	\$2,000.00
15	8" X 8" X 6" TEE	EA	1.00	\$560.00	\$560.00	5	\$2,800.00	\$2,240.00
16	12" X 12" X 6" TEE	EA	4.00	\$760.00	\$3,040.00		\$0.00	
17	14" X 14" X 6" TEE	EA	15.00	\$1,250.00	\$18,750.00		\$0.00	
18	14" X 14" X 8" TEE	EA	1.00	\$1,450.00	\$1,450.00	3	\$4,350.00	\$2,900.00
19	8" 11.25 DEGREE BEND	EA	1.00	\$500.00	\$500.00		\$0.00	
20	8" 90 DEGREE BEND	EA	1.00	\$525.00	\$525.00		\$0.00	
21	14" 22.5 DEGREE BEND	EA	2.00	\$900.00	\$1,800.00		\$0.00	
22	14" 90 DEGREE BEND	EA	2.00	\$1,400.00	\$2,800.00		\$0.00	
23	14"X14" CROSS	EA	2.00	\$2,150.00	\$4,300.00		\$0.00	
24	14"X12" CROSS	EA	1.00	\$1,850.00	\$1,850.00		\$0.00	
25	4" PLUG	EA	5.00	\$240.00	\$1,200.00		\$0.00	
26	6" MJ PLUG	EA	3.00	\$250.00	\$750.00	2	\$500.00	(\$250.00)
27	12" MJ PLUG	EA	3.00	\$850.00	\$2,550.00		\$0.00	
28	14" PLUG	EA	1.00	\$1,250.00	\$1,250.00		\$0.00	
29	4" GATE VALVE W/ BOX	EA	5.00	\$1,050.00	\$5,250.00		\$0.00	
30	6" GATE VALVE W/ BOX	EA	3.00	\$1,250.00	\$3,750.00		\$0.00	

31	FIRE HYDRANT W/AUX VALVE	EA	15.00	\$2,630.00	\$39,450.00	17	\$44,710.00	\$5,260.00
32	NEW 2" WATER SERVICE CONNECTION	EA	3.00	\$250.00	\$750.00	4	\$1,000.00	\$250.00
33	TIE TO EXISTING WATER MAIN	EA	1.00	\$1,200.00	\$1,200.00		\$0.00	
34	14" DRAINAGE CROSSING	LF	60.00	\$140.00	\$8,400.00		\$0.00	
35	12" GATE VALVE & BOX	EA	5.00	\$2,015.00	\$10,075.00		\$0.00	
36	14" GATE VALVE W/BOX	EA	16.00	\$4,400.00	\$70,400.00	17	\$74,800.00	\$4,400.00
37	CORROSION CONTROL TEST STATION	EA	4.00	\$500.00	\$2,000.00		\$0.00	
38	EXPLORATORY EXCAVATION	HR	12.00	\$110.00	\$1,320.00	20	\$2,200.00	\$880.00
39	TYPE 1 BEDDING MATERIAL	T	2,080.00	\$12.00	\$24,960.00	2180	\$26,160.00	\$1,200.00
40	TYPE 2 FOUNDATION MATERIAL	T	624.00	\$12.00	\$7,488.00		\$0.00	
41	24" STEEL CASING PIPE	LF	70.00	\$250.00	\$17,500.00		\$0.00	
42	AASHTO T-180 SOIL TEST	EA	6.00	\$130.00	\$780.00		\$0.00	
43	TOPSOIL, FURNISH & PLACE	CY	54.00	\$19.80	\$1,069.20		\$0.00	
44	TOPSOIL, PLACE	CY	1,070.00	\$6.70	\$7,169.00		\$0.00	
45	REMOVE & DISPOSE ASPHALT PAVEMENT	SY	141.00	\$7.70	\$1,085.70		\$0.00	
46	REMOVE FENCE	LF	1,232.00	\$0.40	\$492.80		\$0.00	
47	AGGREGATE BASE COURSE	T	102.00	\$10.00	\$1,020.00		\$0.00	
48	AC PATCHING, CLASS G, TYPE 2, 5"	SY	85.00	\$28.00	\$2,380.00		\$0.00	
49	EROSION CONTROL, HAY BALES	EA	42.00	\$13.20	\$554.40		\$0.00	
50	EROSION CONTROL, SILT FENCE	LF	150.00	\$4.40	\$660.00		\$0.00	
51	EXCELSIOR BLANKET	SY	5,297.00	\$2.10	\$11,123.70		\$0.00	
52	MUCK SILT FENCE	CY	25.00	\$27.50	\$687.50		\$0.00	
53	REMOVE & RESET FENCE	LF	2,478.00	\$1.65	\$4,088.70		\$0.00	
54	SEEDING, FERTILIZING, MULCHING,	ACRE	7.10	\$1,000.00	\$7,100.00		\$0.00	
55	TEMPORARY FENCE	LF	7,595.00	\$0.60	\$4,557.00		\$0.00	
56	SET/RESET PROPERTY PINS	EA	5.00	\$190.00	\$950.00		\$0.00	
57	INCIDENTAL WORK	LS	1.00	\$5,750.00	\$5,750.00		\$0.00	
58	CONTRACTOR SUPPLIED STAKING	LS	1.00	\$6,065.00	\$6,065.00		\$0.00	
59	MOBILIZATION	LS	1.00	\$17,000.00	\$17,000.00		\$0.00	
60	CONTRACTOR SUPPLIED DENSITY TESTS	EA	77.00	\$25.00	\$1,925.00		\$0.00	
	<b>CHANGE ORDER #1</b>							
61	12"x8" TAPPING SLEEVE & VALVE	EA	0.00	\$2,700.00	\$0.00	1	\$2,700.00	\$2,700.00
62	6" 45 DEGREE BEND	EA	0.00	\$450.00	\$0.00	11	\$4,950.00	\$4,950.00
63	8" GATE VALVE W/ BOX	EA	0.00	\$1,600.00	\$0.00	4	\$6,400.00	\$6,400.00
64	8" PVC CERTA-LOK WATER SERVICE	LF	0.00	\$56.00	\$0.00	80	\$4,480.00	\$4,480.00
<b>TOTAL</b>					<b>\$552,990.65</b>		<b>\$199,248.50</b>	<b>\$43,829.00</b>

C.C.O. HISTORY INCREASE/(DECREASE)	PRIOR ADJUSTED CONTRACT PRICE :	\$0.00
CCO #1	NET INCREASE/(DECREASE):	\$43,829.00
CCO #2		
CCO #3	ADJUSTED CONTRACT PRICE:	\$43,829.00
PRIOR TOTAL =	CHANGE TO DATE:	\$43,829.00

CONTRACTOR: _____	DATE: _____
ENGINEER: _____	DATE: _____
MAYOR: _____	DATE: _____
FINANCE: _____	DATE: _____
CONTRACT TIME CHANGE +/-: 5 WORKING DAYS      NEW CONTRACT TIME: NOVEMBER 7, 2003	

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**OCTOBER 8, 2003**

**ORIGINAL CONTRACT AMOUNT: \$552,990.65**

**CONTRACTOR: HEAVY CONSTRUCTORS, INC. DBA EXCAVATING SPECIALISTS**

LINE ITEM	DESCRIPTION	REASON FOR CHANGE
5	6" PVC WATER MAIN	Lengthened fire hydrant leads - Extend locations & adjust elevations; added 2 fire hydrants
6	8" PVC WATER MAIN	Shifted water main location 15 feet in Mall Dr to accommodate future 5-lane layout - increased 8" 15' to south
14	14" X 12" MJ REDUCER	Correction: Plans identified 2, bid quantity listed 1; Plans called for 1 salvage/re-install -> unsalvagable (corrosion)
15	8" X 8" X 6" TEE	Add 1 tee at Distribution lane for planned hydrant to accommodate future extension of water main
18	14" X 14" X8" TEE	Add tees to accommodate future water main extension at Distribution Lane and Dane Lane east of Dyess
32	NEW 2" WATER SERVICE CONNECTION	Correction: Plans identified 4, bid quantity listed 3
36	14" GATE VALVE W/BOX	Correction: Plans identified 17, bid quantity listed 16
38	EXPLORATORY EXCAVATION	Additional time required to locate existng existing private water lines and maintain operational during construction
61	12"x8" Tapping Sleeve & Valve	Establish proposed connection point for Emerson Lane water line along Seger Drive
62	6" 45 DEGREE BEND	Bends required to adjust fire hydrants - grading work done since original plan development changed elevations
63	8" GATE VALVE W/ BOX	1 valve req'd to create typ valve cluster at future Mall Drive intersection; 1 for future extension of Distrib Ln
4, 64	8" PVC CERTA-LOK WATER SERVICE	Upsize/relocate crossing Dyess / Dane Ln to accommodate future street extension to east (future intersection)
65	8" Plug	Pipe termination at stub-outs for future extensions at Emerson Ln, Dane Ln, & Distribution Ln
66	12" Sleeve	Required for tie-in at east end of project to existng pipe cross location
67	18" RCP Culvert (materials only)	Plans called for salvage & re-use of existing pipe; pipe was in poor condition and unsalvagable
Items # 6, 15, 26, 31, 39, 63		~365-ft water main extension E of Dyess at road location adjacent to BH Molding - Dane Lane intersection
		future E-W road location - total cost of items for this extension \$19,833.75

PREPARED BY: Sigurds R. Zvejnieks, Project Manager

DATE: October 8, 2003