



CITY OF RAPID CITY CONSTRUCTION CHANGE ORDER #1
Rapid City Regional Airport Water Main Construction
PROJECT NO. 12 - 2014 / CIP NO. 50901
DECEMBER 21, 2012
ORIGINAL CONTRACT AMOUNT: \$867,273.58
CONTRACTOR: RAPID CONSTRUCTION, LLC

LINE ITEM	DESCRIPTION	UNIT	CURRENT CONTRACT QUANTITY	UNIT PRICE	EXTENDED PRICE	ADJUSTED QUANTITY	ADJUSTED PRICE	NET CHANGE
1	MOBILIZATION	LS	1.00	\$29,938.75	\$29,938.75	1.00	\$29,938.75	\$0.00
2	INCIDENTAL WORK	LS	1.00	\$22,280.73	\$22,280.73	1.00	\$22,280.73	\$0.00
3	CONSTRUCTION STAKING	LS	1.00	\$14,700.00	\$14,700.00	1.00	\$14,700.00	\$0.00
4	TRAFFIC CONTROL	LS	1.00	\$2,640.00	\$2,640.00	1.00	\$2,640.00	\$0.00
5	WATER POLLUTION CONTROL	LS	1.00	\$2,100.00	\$2,100.00	1.00	\$2,100.00	\$0.00
6	TEMPORARY STREAM CROSSING	EA	1.00	\$2,620.00	\$2,620.00	1.00	\$2,620.00	\$0.00
7	CONSTRUCTION EROSION CONTROL (SILT FENCE)	LF	1,800.00	\$4.20	\$7,560.00	578.00	\$2,427.60	(\$5,132.40)
8	REMOVE SILT FENCE	LF	1,800.00	\$1.00	\$1,800.00	578.00	\$578.00	(\$1,222.00)
9	MUCKING SILT FENCE	LF	500.00	\$1.00	\$500.00	300.00	\$300.00	(\$200.00)
10	SEDIMENT CONTROL WATTLE (SCW)	LF	600.00	\$2.89	\$1,734.00	1,275.00	\$3,684.75	\$1,950.75
11	REMOVE AND RESET SEDIMENT CONTROL WATTLE	LF	100.00	\$4.00	\$400.00	0.00	\$0.00	(\$400.00)
12	REMOVE SEDIMENT CONTROL WATTLE	LF	600.00	\$1.00	\$600.00	1,275.00	\$1,275.00	\$675.00
13	CONSTRUCTION EROSION CONTROL (EROSION CONTROL BLANKET)	SY	6,900.00	\$2.10	\$14,490.00	5,900.00	\$12,390.00	(\$2,100.00)
14	SEEDING, FERTILIZING, MULCHING	SY	36,400.00	\$0.20	\$7,280.00	36,400.00	\$7,280.00	\$0.00
15	TUBULAR GATES	EA	2.00	\$262.50	\$525.00	2.00	\$525.00	\$0.00
16	BRACE PANELS	EA	4.00	\$131.25	\$525.00	4.00	\$525.00	\$0.00
17	STOCKPILE	CY	2,500.00	\$1.50	\$3,750.00	4,869.00	\$7,303.50	\$3,553.50
18	REMOVE AND SALVAGE CHAIN LINK FENCE	LF	50.00	\$7.35	\$367.50	40.00	\$294.00	(\$73.50)
19	REMOVE AND RESET CHAIN LINK GATE	LF	30.00	\$27.99	\$839.70	28.00	\$783.72	(\$55.98)
20	REMOVE AND REPLACE BARBED WIRE FENCE	LF	50.00	\$2.63	\$131.50	0.00	\$0.00	(\$131.50)
21	UNCLASSIFIED EXCAVATION - DIGOUTS WITH TYPE 4 FOUNDATION MATERIAL	TON	300.00	\$26.34	\$7,902.00	0.00	\$0.00	(\$7,902.00)
22	TYPE I BEDDING	TON	200.00	\$18.16	\$3,632.00	0.00	\$0.00	(\$3,632.00)
23	TYPE II FOUNDATION MATERIAL	TON	200.00	\$18.05	\$3,610.00	0.00	\$0.00	(\$3,610.00)
24	TYPE III FOUNDATION MATERIAL (TRENCH)	TON	200.00	\$19.92	\$3,984.00	0.00	\$0.00	(\$3,984.00)

LINE ITEM	DESCRIPTION	UNIT	CURRENT CONTRACT QUANTITY	UNIT PRICE	EXTENDED PRICE	ADJUSTED QUANTITY	ADJUSTED PRICE	NET CHANGE
25	AASHTO T-180 SOIL TEST	EA	3.00	\$283.50	\$850.50	3.00	\$850.50	\$0.00
26	EXCAVATION, EXPLORATORY	EA	2.00	\$500.00	\$1,000.00	2.00	\$1,000.00	\$0.00
27	UNCLASSIFIED EXCAVATION	CY	6,200.00	\$2.00	\$12,400.00	6,506.00	\$13,012.00	\$612.00
28	IMPORTED BACKFILL MATERIAL (TRENCH)	CY	400.00	\$12.40	\$4,960.00	0.00	\$0.00	(\$4,960.00)
29	REMOVE RUBBLE	CY	200.00	\$13.07	\$2,614.00	50.00	\$653.50	(\$1,960.50)
30	CONNECT TO EXISTING 12-INCH WATER MAIN	EA	2.00	\$1,000.00	\$2,000.00	2.00	\$2,000.00	\$0.00
31	12" PVC WATER MAIN, AWWA C-900, (DR 18) RESTRAINED JOINT	LF	1,200.00	\$41.83	\$50,196.00	1,270.00	\$53,124.10	\$2,928.10
32	16" PVC WATER MAIN, PVC C-905, (DR 18) RESTRAINED JOINT	LF	5,325.00	\$61.73	\$328,712.25	5,325.00	\$328,712.25	\$0.00
33	FIRE HYDRANT WITH AUX VALVE, BOX AND LEAD	EA	4.00	\$3,959.14	\$15,836.56	4.00	\$15,836.56	\$0.00
34	AIR/VAC WITH AUX VALVE, BOX AND LEAD	EA	1.00	\$4,731.20	\$4,731.20	1.00	\$4,731.20	\$0.00
35	COMBINATION FIRE HYDRANT & AIR/VAC ASSEMBLY WITH AUX VALVE, BOX AND LEAD	EA	4.00	\$7,636.09	\$30,544.36	4.00	\$30,544.36	\$0.00
36	UTILITY BOX	EA	5.00	\$356.73	\$1,783.65	5.00	\$1,783.65	\$0.00
37	12" 45 DEGREE BEND	EA	1.00	\$810.63	\$810.63	1.00	\$810.63	\$0.00
38	12" 11.25 DEGREE BEND	EA	1.00	\$634.71	\$634.71	0.00	\$0.00	(\$634.71)
39	12" X 6" X 12" TEE	EA	2.00	\$1,048.54	\$2,097.08	2.00	\$2,097.08	\$0.00
40	12" X 12" X 12" TEE	EA	1.00	\$1,202.49	\$1,202.49	1.00	\$1,202.49	\$0.00
41	12" GATE VALVE WITH BOX	EA	6.00	\$2,694.42	\$16,166.52	6.00	\$16,166.52	\$0.00
42	COUPLING	EA	1.00	\$3,015.60	\$3,015.60	1.00	\$3,015.60	\$0.00
43	12 " HIGH DEFLECTION COUPLING	EA	1.00	\$636.92	\$636.92	1.00	\$636.92	\$0.00
44	12 " TRANSITION COUPLINGS	EA	4.00	\$736.92	\$2,947.68	4.00	\$2,947.68	\$0.00
45	16" 11.25 DEGREE BEND	EA	6.00	\$1,188.07	\$7,128.42	6.00	\$7,128.42	\$0.00
46	16" 22.5 DEGREE BEND	EA	2.00	\$1,261.65	\$2,523.30	2.00	\$2,523.30	\$0.00
47	16" 45 DEGREE BEND	EA	1.00	\$1,446.57	\$1,446.57	1.00	\$1,446.57	\$0.00
48	16" 90 DEGREE BEND	EA	1.00	\$2,027.48	\$2,027.48	1.00	\$2,027.48	\$0.00
49	16" MJ PLUG	EA	1.00	\$1,070.17	\$1,070.17	2.00	\$2,140.34	\$1,070.17
50	16" X 16" CROSS	EA	1.00	\$3,097.43	\$3,097.43	1.00	\$3,097.43	\$0.00
51	16" X 8" X 16" TEE	EA	7.00	\$1,766.00	\$12,362.00	7.00	\$12,362.00	\$0.00
52	16" X 12" X 16" TEE	EA	1.00	\$1,899.21	\$1,899.21	1.00	\$1,899.21	\$0.00
53	COUPLING	EA	5.00	\$4,075.64	\$20,378.20	3.00	\$12,226.92	(\$8,151.28)
54	16 " HIGH DEFLECTION COUPLING	EA	1.00	\$1,170.68	\$1,170.68	1.00	\$1,170.68	\$0.00
55	16" X 12" REDUCER	EA	2.00	\$942.42	\$1,884.84	2.00	\$1,884.84	\$0.00
56	16" GATE VALVE WITH BOX	EA	10.00	\$6,409.22	\$64,092.20	10.00	\$64,092.20	\$0.00
57	8" PVC WATER MAIN, AWWA C-900, (DR 18)	LF	15.00	\$18.10	\$271.50	15.00	\$271.50	\$0.00

LINE ITEM	DESCRIPTION	UNIT	CURRENT CONTRACT QUANTITY	UNIT PRICE	EXTENDED PRICE	ADJUSTED QUANTITY	ADJUSTED PRICE	NET CHANGE
58	6" PVC WATER MAIN, AWWA C-900, (DR 18)	LF	30.00	\$14.60	\$438.00	40.00	\$584.00	\$146.00
59	8" X 6" REDUCER	EA	7.00	\$309.95	\$2,169.65	7.00	\$2,169.65	\$0.00
60	6" 45 DEGREE BEND	EA	9.00	\$293.76	\$2,643.84	9.00	\$2,643.84	\$0.00
61	CATHODIC PROTECTION CONTINUITY TESTING AND REPORTING	LS	1.00	\$125.00	\$125.00	1.00	\$125.00	\$0.00
62	CATHODIC PROTECTION TEST STATION, COMPLETE	EA	2.00	\$244.13	\$488.26	3.00	\$732.39	\$244.13
63	CONTROLLED LOW STRENGTH BACKFILL MATERIAL (TRENCH)	CY	25.00	\$100.95	\$2,523.75	25.00	\$2,523.75	\$0.00
64	WATER MAIN CONCRETE COLLAR	CY	2.50	\$122.35	\$305.88	2.50	\$305.88	\$0.00
65	WATER MAIN ENCASEMENT	CY	40.00	\$122.35	\$4,894.00	38.00	\$4,649.30	(\$244.70)
66	REFERENCE MARKER	EA	5.00	\$76.00	\$380.00	5.00	\$380.00	\$0.00
67	WOODEN POST BARRIER ASSEMBLY	EA	8.00	\$210.00	\$1,680.00	8.00	\$1,680.00	\$0.00
68	TYPE 3 FOUNDATION MATERIAL (GRADING)	TON	1,200.00	\$21.92	\$26,304.00	1,129.00	\$24,747.68	(\$1,556.32)
69	GRAVEL SURFACING - 1 INCH AGGREGATE BASE COURSE	TON	1,600.00	\$18.28	\$29,248.00	1,775.00	\$32,447.00	\$3,199.00
70	TOPSOIL, PLACE 6" THICK (INCLUDING 1" INCORPORATED CO-COMPOST)	CY	2,500.00	\$3.25	\$8,125.00	4,869.00	\$15,824.25	\$7,699.25
71	GRAVEL SWALE	EA	7.00	\$843.93	\$5,907.51	3.00	\$2,531.79	(\$3,375.72)
72	GRAVEL TURN AROUND	EA	8.00	\$1,065.89	\$8,527.12	8.00	\$8,527.12	\$0.00
73	18" PIPE CULVERT	LF	122.00	\$22.98	\$2,803.56	122.00	\$2,803.56	\$0.00
74	24" PIPE CULVERT	LF	30.00	\$28.80	\$864.00	30.00	\$864.00	\$0.00
75	18" CMP FLARED END	EA	2.00	\$302.99	\$605.98	2.00	\$605.98	\$0.00
76	24" CMP FLARED END	EA	1.00	\$389.76	\$389.76	1.00	\$389.76	\$0.00
77	RIP RAP, CLASS II	TON	28.00	\$46.14	\$1,291.92	11.00	\$507.54	(\$784.38)
78	PROVISIONS FOR PIGGING	LS	1.00	\$2,101.02	\$2,101.02	1.00	\$2,101.02	\$0.00
79	AIRPORT SAFETY CONTROL / CSPP PROVISIONS	LS	1.00	\$2,338.00	\$2,338.00	1.00	\$2,338.00	\$0.00
80	SAFETY FENCE	LF	600.00	\$4.34	\$2,604.00	360.00	\$1,562.40	(\$1,041.60)
81	STAGING AREA AND HAUL ROAD CONSTRUCTION AND RESTORATION	LS	1.00	\$24,113.00	\$24,113.00	1.00	\$24,113.00	\$0.00
82	RFI #3 PIPELINE STA 53+15 ADJ	LS	0.00	\$386.14	\$0.00	1.00	\$386.14	\$386.14
83	RFI #4 PIPELINE STA 12+09 ADJ	LS	0.00	(\$625.87)	\$0.00	1.00	(\$625.87)	(\$625.87)
84	RFI #5 PIPELINE STA 0+66 ADJ	LS	0.00	\$278.17	\$0.00	1.00	\$278.17	\$278.17
TOTAL					\$867,273.58		\$838,237.33	(\$29,036.25)

C.C.O. HISTORY INCREASE/(DECREASE)		PRIOR ADJUSTED CONTRACT PRICE :	\$867,273.58
CCO #1	(\$29,036.25)	NET INCREASE/(DECREASE):	(\$29,036.25)
	\$0.00	ADJUSTED CONTRACT PRICE:	\$838,237.33
	\$0.00	CHANGE TO DATE:	(\$29,036.25)

CONTRACTOR: RAPID CONSTRUCTION	DATE
	12/24/12
PROJECT MANAGER: KLARE SCHROEDER, P.E.	DATE
	12-27-12
CITY ENGINEER: DALE TECH, P.E. / L.S.	DATE
MAYOR: SAM KOOIKER	DATE
FINANCE: PAULINE SUMPTION	DATE
CONTRACT TIME CHANGE +/-: 0	NEW CONTRACT TIME: Days

City Staff recommends approval of this Change Order #1 to Rapid Construction for a decrease of \$29,036.25 based on unit pricing with the following appropriation:

Initial Funding		\$867,273.58			\$867,273.58
Fund Type		Water			
Department		932 (Bond)			
Line Item		4381			
Fund		0602			
CCO #1		(\$29,036.25)			(\$29,036.25)
					\$0.00
					\$0.00
Adjusted Funding		\$838,237.33		\$838,237.33	\$838,237.33

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Rapid City Regional Airport Water Main Construction
PROJECT NO. 12 - 2014 / CIP NO. 50901
DECEMBER 21, 2012
ORIGINAL CONTRACT AMOUNT: \$867,273.58
CONTRACTOR: RAPID CONSTRUCTION, LLC

LINE ITEM	DESCRIPTION	REASON FOR CHANGE
7	CONSTRUCTION EROSION CONTROL (SILT FENCE)	Actual quantities needed to complete project.
8	REMOVE SILT FENCE	Actual quantities needed to complete project.
9	MUCKING SILT FENCE	Actual quantities needed to complete project.
10	SEDIMENT CONTROL WATTLE (SCW)	Actual quantities needed to complete project.
11	REMOVE AND RESET SEDIMENT CONTROL WATTLE	None needed.
12	REMOVE SEDIMENT CONTROL WATTLE	Actual quantities needed to complete project.
13	CONTROL (EROSION CONTROL BLANKET)	Actual quantities needed to complete project.
17	TOPSOIL, REMOVE AND STOCKPILE	Actual quantities needed to complete project.
18	REMOVE AND SALVAGE CHAIN LINK FENCE	Actual quantities needed to complete project.
19	REMOVE AND RESET CHAIN LINK GATE	Actual quantities needed to complete project.
20	REMOVE AND REPLACE BARBED WIRE FENCE	None needed.
21	DIGOUTS WITH TYPE 4 FOUNDATION MATERIAL	None needed.
22	TYPE 1 BEDDING	None needed.
23	TYPE II FOUNDATION MATERIAL	None needed.
24	TYPE III FOUNDATION MATERIAL (TRENCH)	None needed.
27	UNCLASSIFIED EXCAVATION	Actual quantities needed to complete project.

28	IMPORTED BACKFILL MATERIAL (TRENCH)	None needed.
29	REMOVE RUBBLE	Actual quantities needed to complete project.
31	12" PVC WATER MAIN, AWWA C-900, (DR 18) RESTRAINED JOINT	Actual quantities needed to complete project.
38	12" 11.25 DEGREE BEND	None needed.
49	16" MJ PLUG	Actual quantities needed to complete project.
53	16 " LINEAR EXPANSION COUPLING	Actual quantities needed to complete project.
58	6 " PVC WATER MAIN, AWWA C-900, (DR 18)	Actual quantities needed to complete project.
62	CATHODIC PROTECTION TEST STATION, COMPLETE	Actual quantities needed to complete project.
65	WATER MAIN ENCASEMENT	Actual quantities needed to complete project.
68	TYPE 3 FOUNDATION MATERIAL (GRADING)	Actual quantities needed to complete project.
69	GRAVEL SURFACING - 1 INCH AGGREGATE BASE COURSE	Actual quantities needed to complete project.
70	(INCLUDING 1" INCORPORATED CO-COMPOST)	Actual quantities needed to complete project.
71	GRAVEL SWALE	Actual quantities needed to complete project.
77	RIP RAP, CLASS II	Actual quantities needed to complete project.
80	SAFETY FENCE	Actual quantities needed to complete project.
82	RFI #3 PIPELINE STA 53+15 ADJ	Adjustment needed to complete project.
83	RFI #4 PIPELINE STA 12+09 ADJ	Adjustment needed to complete project.
84	RFI #5 PIPELINE STA 0+66 ADJ	Adjustment needed to complete project.

PREPARED BY: KLARE SCHROEDER

DATE: DECEMBER 21, 2012