

CITY OF RAPID CITY CONSTRUCTION CHANGE ORDER #02
NORTHRIDGE WATER BOOSTER STATION
PROJECT NO. W10-1898 / CIP NO. 50834
5-Nov-12
ORIGINAL CONTRACT AMOUNT: \$648,785.78
CONTRACTOR: R.C.S. CONSTRUCTION, INC.

LINE ITEM	DESCRIPTION	UNIT	CURRENT CONTRACT QUANTITY	UNIT PRICE	EXTENDED PRICE	ADJUSTED QUANTITY	ADJUSTED PRICE	NET CHANGE
1	Mobilization	LS	1.00	\$15,000.00	\$15,000.00	1.00	\$15,000.00	\$0.00
2	Incidental	LS	1.00	\$2,000.00	\$2,000.00	1.00	\$2,000.00	\$0.00
3	Aashto T-180 Soil Test	EA	3.00	\$250.00	\$750.00	3.00	\$750.00	\$0.00
4	Construction Staking	LS	1.00	\$6,000.00	\$6,000.00	1.00	\$6,000.00	\$0.00
5	Aggregate Base Course	TON	22.00	\$18.00	\$396.00	22.00	\$396.00	\$0.00
6	AC, Class G, Type 2 Pg64-22	TON	20.00	\$220.00	\$4,400.00	20.00	\$4,400.00	\$0.00
7	Remove Concrete Curb & Gutter	LF	36.00	\$8.00	\$288.00	36.00	\$288.00	\$0.00
8	Remove PCC Sidewalk	SF	152.00	\$5.00	\$760.00	152.00	\$760.00	\$0.00
9	Reinforced	SY	32.00	\$51.00	\$1,632.00	32.00	\$1,632.00	\$0.00
10	Concrete Sidewalk, 6" Reinforced	SF	152.00	\$5.70	\$866.40	152.00	\$866.40	\$0.00
11	Concrete Type C Retaining Wall (2-4)	LF	104.00	\$77.00	\$8,008.00	104.00	\$8,008.00	\$0.00
12	Grading)	LS	1.00	\$2,300.00	\$2,300.00	1.00	\$2,300.00	\$0.00
13	Private Utility Trench	LF	690.00	\$8.00	\$5,520.00	690.00	\$5,520.00	\$0.00
14	Seeding, Fertilizing, & Mulching	SY	366.67	\$1.70	\$623.34	366.67	\$623.34	\$0.00
15	Sodding	SY	423.56	\$9.00	\$3,812.04	423.56	\$3,812.04	\$0.00
16	Topsoil, Place	CY	100.00	\$20.00	\$2,000.00	100.00	\$2,000.00	\$0.00
17	12" Wattles	LF	0.00	\$4.00	\$0.00	0.00	\$0.00	\$0.00
18	Certa Lok	LF	30.00	\$85.00	\$2,550.00	30.00	\$2,550.00	\$0.00
19	Certa Lok	LF	110.00	\$63.00	\$6,930.00	110.00	\$6,930.00	\$0.00
20	12" 11.25 Degree Bend	EA	4.00	\$1,000.00	\$4,000.00	4.00	\$4,000.00	\$0.00
21	12" 90 Degree Bend	1.00	1.00	\$850.00	\$850.00	1.00	\$850.00	\$0.00
22	12" X 12" Cross	EA	1.00	\$2,200.00	\$2,200.00	1.00	\$2,200.00	\$0.00
23	12" Transitional Coupling	EA	3.00	\$900.00	\$2,700.00	3.00	\$2,700.00	\$0.00
24	12" X 6" Reducer	EA	1.00	\$750.00	\$750.00	1.00	\$750.00	\$0.00
25	14" X 12" Reducer	EA	1.00	\$900.00	\$900.00	1.00	\$900.00	\$0.00
26	12" X 12" X 6" Tee	EA	1.00	\$1,300.00	\$1,300.00	1.00	\$1,300.00	\$0.00
27	12" Gate Valve W/Box	EA	1.00	\$3,400.00	\$3,400.00	1.00	\$3,400.00	\$0.00
28	Lead	EA	1.00	\$4,300.00	\$4,300.00	1.00	\$4,300.00	\$0.00
29	Abandon Water Service	EA	1.00	\$600.00	\$600.00	1.00	\$600.00	\$0.00
30	Reconnect Water Service	EA	1.00	\$1,700.00	\$1,700.00	1.00	\$1,700.00	\$0.00
31	Irrigation System	LS	1.00	\$3,400.00	\$3,400.00	1.00	\$3,400.00	\$0.00
32	8" Pressure Reducing Valve	EA	1.00	\$3,300.00	\$3,300.00	1.00	\$3,300.00	\$0.00

LINE ITEM	DESCRIPTION	UNIT	CURRENT CONTRACT QUANTITY	UNIT PRICE	EXTENDED PRICE	ADJUSTED QUANTITY	ADJUSTED PRICE	NET CHANGE
33	4" Pressure Reducing Valve	EA	1.00	\$2,100.00	\$2,100.00	1.00	\$2,100.00	\$0.00
34	4" Surge Anticipator Valve	EA	2.00	\$4,075.00	\$8,150.00	2.00	\$8,150.00	\$0.00
35	Pump House	LS	1.00	\$166,000.00	\$166,000.00	1.00	\$166,000.00	\$0.00
36	Pump/Motor Assembly	LS	1.00	\$28,205.00	\$28,205.00	1.00	\$28,205.00	\$0.00
37	Building Line)	LS	1.00	\$64,000.00	\$64,000.00	1.00	\$64,000.00	\$0.00
38	Start Up Allowance	LS	1.00	\$20,000.00	\$20,000.00	1.00	\$20,000.00	\$0.00
39	Electric Service Utility Allowance	LS	1.00	\$7,830.00	\$7,830.00	1.00	\$7,830.00	\$0.00
40	Allowance	LS	1.00	\$58,465.00	\$58,465.00	1.00	\$58,465.00	\$0.00
41	Electrical	LS	1.00	\$153,200.00	\$153,200.00	1.00	\$153,200.00	\$0.00
42	HVAC & Domestic Plumbing	LS	1.00	\$46,400.00	\$46,400.00	1.00	\$46,400.00	\$0.00
CHANGE ORDER #01								
43	Flange Isolation Kits (RFP #1)	LS	1.00	\$4,126.00	\$4,126.00	1.00	\$4,126.00	\$0.00
44	Temporary Resident's Service Tie-in (RFP #2)	LS	1.00	\$2,360.00	\$2,360.00	1.00	\$2,360.00	\$0.00
45	Resident's irrigation & fence relocation (RFP #3)	LS	1.00	\$1,547.00	\$1,547.00	1.00	\$1,547.00	\$0.00
46	Sewer service tap and connection to main (RFP #5)	LS	1.00	\$4,900.00	\$4,900.00	1.00	\$4,900.00	\$0.00
47	Building Shingle Warranty Period (RFP #6)	LS	1.00	(\$1,163.00)	(\$1,163.00)	1.00	(\$1,163.00)	\$0.00
48	Surge Anticipator Valve Sensing Lines (RFP #9)	LS	1.00	\$1,775.00	\$1,775.00	1.00	\$1,775.00	\$0.00
49	Pipe Appurtenances for ease of maintenance (RFP #10)	LS	1.00	\$993.00	\$993.00	1.00	\$993.00	\$0.00
50	Pipe Restraints (RFP # 11-2 & #11-3)	LS	1.00	\$750.00	\$750.00	1.00	\$750.00	\$0.00
51	Pipe Supports for surge anticipator valve assembly (RFP #12)	LS	1.00	\$622.00	\$622.00	1.00	\$622.00	\$0.00
52	9" Erosion Control Wattles (RFP #13)	LF	280.00	\$3.30	\$924.00	280.00	\$924.00	\$0.00
53	12" Gate Valve Installation (RFP #14-1)	LS	1.00	\$4,023.00	\$4,023.00	1.00	\$4,023.00	\$0.00
54	1" Water Service Installation (RFP #14-2)	LS	1.00	\$793.00	\$793.00	1.00	\$793.00	\$0.00
CHANGE ORDER #02								

LINE ITEM	DESCRIPTION	UNIT	CURRENT CONTRACT QUANTITY	UNIT PRICE	EXTENDED PRICE	ADJUSTED QUANTITY	ADJUSTED PRICE	NET CHANGE
38	Start Up Allowance	LS	1.00	\$20,000.00	\$20,000.00	1.00	\$20,000.00	\$0.00
55	Security and Pump Rotation (RFP #15)	LS	0.00	\$2,200.00	\$0.00	1.00	\$2,200.00	\$2,200.00
56	Additional Mobilization (RFP #15)	LS	0.00	\$1,000.00	\$0.00	1.00	\$1,000.00	\$1,000.00
57	Pipe Bracing (RFP #16)	LS	0.00	\$995.00	\$0.00	1.00	\$995.00	\$995.00
58	Wall Mounted HVAC Units (RFP #17)	LS	0.00	\$3,875.00	\$0.00	1.00	\$3,875.00	\$3,875.00
59	Revised Warranty Date	0.00	0.00	\$0.00	\$0.00	1.00	\$0.00	\$0.00
TOTAL					\$689,235.78		\$697,305.78	\$8,070.00

C.C.O. HISTORY INCREASE/(DECREASE)		PRIOR ADJUSTED CONTRACT PRICE :		\$689,235.78
CCO #1	\$20,450.00	NET INCREASE/(DECREASE):		\$8,070.00
CCO #2	\$8,070.00	ADJUSTED CONTRACT PRICE:		\$697,305.78
	\$0.00	CHANGE TO DATE:		\$28,520.00

CONTRACTOR: R.C.S. CONSTRUCTION, INC. 342-3787, PO Box 9337, Rapid City, SD 57709-9337 DATE 10-25-12

Robert Kull

CONSULTANT: TERRY CASH, P.E. - DREAM DESIGN INC. DATE 10/25/12

Stacy Titus

PROJECT MANAGER: STACEY TITUS, P.E. DATE 10-26-12

Paul Sumption

CITY ENGINEER: DALE TECH, P.E. / L.S. DATE

MAYOR: SAM KOOIKER DATE

FINANCE: PAULINE SUMPTION DATE

CONTRACT TIME CHANGE +/-: Fixed date NEW CONTRACT TIME: December 20, 2012

City Staff recommends approval of this Change Order #02 to R.C.S. CONSTRUCTION, INC. for an increase of \$8,070.00 based on unit pricing with the following appropriation:

Prior Funding	\$0.00	\$669,235.78	\$0.00	\$0.00		\$669,235.78
Fund Type	Sanitary Sewer	Water	Streets	Drainage		
Department	833 / 834	0934	8910	8911		
Line Item	4380	4381	4370	4371		
Fund	0604	0602	0505	0505		
CCO #1	\$0.00	\$8,070.00	\$0.00	\$0.00		\$8,070.00
						\$0.00
						\$0.00
Adjusted Funding	\$0.00	\$677,305.78	\$0.00	\$0.00	\$677,305.78	\$677,305.78

**CITY OF RAPID CITY CONSTRUCTION CHANGE ORDER #02
 NORTHRIDGE WATER BOOSTER STATION
 PROJECT NO. W10-1898 / CIP NO. 50834
 41218
 ORIGINAL CONTRACT AMOUNT: \$648,785.78
 CONTRACTOR: R.C.S. CONSTRUCTION, INC.**

LINE ITEM	DESCRIPTION	REASON FOR CHANGE
38	Start Up Allowance	The payment provisions for this line item do not allow for a partial payment. Because the project has been in a holding pattern for an extended period of time, per City's direction, and Contractor has completed a significant portion of this task; this Change Order shall modify the payment provision for this line item to allow a partial payment up to 75% of the value of the line item.
55	Security and Pump Rotation (RFP #15)	The project is in a holding pattern until a related City project is completed (Northridge Reservoir) This item is for the Contractor to make site inspection trips for security and to rotate pumps until start-up can be completed.
56	Additional Mobilization (RFP #15)	The project is in a holding pattern until a related City project is completed (Northridge Reservoir). The Contractor, as a result of this delay, will need to complete additional mobilizations for startup services.
57	Pipe Bracing (RFP #16)	Additional pipe bracing required for PRV valves and surge anticipator valve assembly
58	Wall Mounted HVAC Units (RFP #17)	The external HVAC units need to be mounted on the building wall to elevate them above a detention pond high water line and for better Operator access.
59	Revised Warranty Date	The project end of warranty will be fixed at January 15, 2014. This date maybe extended by the City per standard specifications if excessive problems are apparent during the initial warranty period.
	Contract Time Extension	The previous completion date was October 26, 2011. The contract time is extended because another City project was not completed and the Contractor was not able to proceed with project startup. The final completion date shall be December 20, 2012.

PREPARED BY: 
 Stacey Titus, P.E., Project Manager

DATE: October 25, 2012

FUNDING TYPE		Sanitary Sewer		Water		Streets		Drainage		
COST CENTER		833 / 834		0934		8910		8911		
LINE ITEM		4380		4381		4370		4371		
FUND		0604		0602		0505		0505		
ITEM NO.	DESCRIPTION OF ITEM	AMOUNT	PERCENT	AMOUNT	PERCENT	AMOUNT	PERCENT	AMOUNT	PERCENT	
1	Mobilization	0.00	0%	0.00	100%	0.00	0%	0.00	0%	100%
2	Incidental	0.00	0%	0.00	100%	0.00	0%	0.00	0%	100%
3	Aashto T-180 Soil Test	0.00	0%	0.00	100%	0.00	0%	0.00	0%	100%
4	Construction Staking	0.00	0%	0.00	100%	0.00	0%	0.00	0%	100%
5	Aggregate Base Course	0.00	0%	0.00	100%	0.00	0%	0.00	0%	100%
6	AC, Class G, Type 2 Pg64-22	0.00	0%	0.00	100%	0.00	0%	0.00	0%	100%
7	Remove Concrete Curb & Gutter	0.00	0%	0.00	100%	0.00	0%	0.00	0%	100%
8	Remove PCC Sidewalk	0.00	0%	0.00	100%	0.00	0%	0.00	0%	100%
9	PCC Approach Pavement, 6" Reinfor	0.00	0%	0.00	100%	0.00	0%	0.00	0%	100%
10	Concrete Sidewalk, 6" Reinforced	0.00	0%	0.00	100%	0.00	0%	0.00	0%	100%
11	Concrete Type C Retaining Wall (2-4	0.00	0%	0.00	100%	0.00	0%	0.00	0%	100%
12	Excavation, Unclassified (Site Gradin	0.00	0%	0.00	100%	0.00	0%	0.00	0%	100%
13	Private Utility Trench	0.00	0%	0.00	100%	0.00	0%	0.00	0%	100%
14	Seeding, Fertilizing, & Mulching	0.00	0%	0.00	100%	0.00	0%	0.00	0%	100%
15	Sodding	0.00	0%	0.00	100%	0.00	0%	0.00	0%	100%
16	Topsoil, Place	0.00	0%	0.00	100%	0.00	0%	0.00	0%	100%
17	12" Wattles	0.00	0%	0.00	100%	0.00	0%	0.00	0%	100%
18	12" PVC Water Main C-900 Dr 14, Ce	0.00	0%	0.00	100%	0.00	0%	0.00	0%	100%
19	12" PVC Water Main C-900 Dr 18, Ce	0.00	0%	0.00	100%	0.00	0%	0.00	0%	100%
20	12" 11.25 Degree Bend	0.00	0%	0.00	100%	0.00	0%	0.00	0%	100%
21	12" 90 Degree Bend	0.00	0%	0.00	100%	0.00	0%	0.00	0%	100%
22	12" X 12" Cross	0.00	0%	0.00	100%	0.00	0%	0.00	0%	100%
23	12" Transitional Coupling	0.00	0%	0.00	100%	0.00	0%	0.00	0%	100%
24	12" X 6" Reducer	0.00	0%	0.00	100%	0.00	0%	0.00	0%	100%
25	14" X 12" Reducer	0.00	0%	0.00	100%	0.00	0%	0.00	0%	100%
26	12" X 12" X 6" Tee	0.00	0%	0.00	100%	0.00	0%	0.00	0%	100%
27	12" Gate Valve W/Box	0.00	0%	0.00	100%	0.00	0%	0.00	0%	100%
28	Fire Hydrant W/Aux Valve, Box & Lea	0.00	0%	0.00	100%	0.00	0%	0.00	0%	100%
29	Abandon Water Service	0.00	0%	0.00	100%	0.00	0%	0.00	0%	100%
30	Reconnect Water Service	0.00	0%	0.00	100%	0.00	0%	0.00	0%	100%
31	Irrigation System	0.00	0%	0.00	100%	0.00	0%	0.00	0%	100%
32	8" Pressure Reducing Valve	0.00	0%	0.00	100%	0.00	0%	0.00	0%	100%

FUNDING TYPE		Sanitary Sewer		Water		Streets		Drainage		
COST CENTER		833 / 834		0934		8910		8911		
LINE ITEM		4380		4381		4370		4371		
FUND		0604		0602		0505		0505		
ITEM NO.	DESCRIPTION OF ITEM	AMOUNT	PERCENT	AMOUNT	PERCENT	AMOUNT	PERCENT	AMOUNT	PERCENT	
33	4" Pressure Reducing Valve	0.00	0%	0.00	100%	0.00	0%	0.00	0%	100%
34	4" Surge Anticipator Valve	0.00	0%	0.00	100%	0.00	0%	0.00	0%	100%
35	Pump House	0.00	0%	0.00	100%	0.00	0%	0.00	0%	100%
36	Pump/Motor Assembly	0.00	0%	0.00	100%	0.00	0%	0.00	0%	100%
37	Process Mechanical (To 3' Outside B	0.00	0%	0.00	100%	0.00	0%	0.00	0%	100%
38	Start Up Allowance	0.00	0%	0.00	100%	0.00	0%	0.00	0%	100%
39	Electric Service Utility Allowance	0.00	0%	0.00	100%	0.00	0%	0.00	0%	100%
40	Controls and Instrumentation Allowan	0.00	0%	0.00	100%	0.00	0%	0.00	0%	100%
41	Electrical	0.00	0%	0.00	100%	0.00	0%	0.00	0%	100%
42	HVAC & Domestic Plumbing	0.00	0%	0.00	100%	0.00	0%	0.00	0%	100%
	CHANGE ORDER #01									
43	Flange Isolation Kits (RFP #1)	0.00	0%	0.00	100%	0.00	0%	0.00	0%	100%
44	Temporary Resident's Service Tie-in (RFP #2)	0.00	0%	0.00	100%	0.00	0%	0.00	0%	100%
45	Resident's irrigation & fence relocation (RFP #3)	0.00	0%	0.00	100%	0.00	0%	0.00	0%	100%
46	Sewer service tap and connection to main (RFP #5)	0.00	0%	0.00	100%	0.00	0%	0.00	0%	100%
47	Building Shingle Warranty Period (RFP #6)	0.00	0%	0.00	100%	0.00	0%	0.00	0%	100%
48	Surge Anticipator Valve Sensing Lines (RFP #9)	0.00	0%	0.00	100%	0.00	0%	0.00	0%	100%
49	Pipe Appurtenances for ease of maintenance (RFP #10)	0.00	0%	0.00	100%	0.00	0%	0.00	0%	100%
50	Pipe Restraints (RFP # 11-2 & #11-3)	0.00	0%	0.00	100%	0.00	0%	0.00	0%	100%
51	Pipe Supports for surge anticipator va	0.00	0%	0.00	100%	0.00	0%	0.00	0%	100%
52	9" Erosion Control Wattles (RFP #13)	0.00	0%	0.00	100%	0.00	0%	0.00	0%	100%
53	12" Gate Valve Installation (RFP #14)	0.00	0%	0.00	100%	0.00	0%	0.00	0%	100%
54	1" Water Service Installation (RFP #1	0.00	0%	0.00	100%	0.00	0%	0.00	0%	100%

FUNDING TYPE		Sanitary Sewer		Water		Streets		Drainage		
COST CENTER		833 / 834		0934		8910		8911		
LINE ITEM		4380		4381		4370		4371		
FUND		0604		0602		0505		0505		
ITEM NO.	DESCRIPTION OF ITEM	AMOUNT	PERCENT	AMOUNT	PERCENT	AMOUNT	PERCENT	AMOUNT	PERCENT	
	CHANGE ORDER #02									
38	Start Up Allowance	0.00	0%	0.00	100%	0.00	0%	0.00	0%	100%
55	Security and Pump Rotation (RFP #1	0.00	0%	2,200.00	100%	0.00	0%	0.00	0%	100%
56	Additional Mobilization (RFP #15)	0.00	0%	1,000.00	100%	0.00	0%	0.00	0%	100%
57	Pipe Bracing (RFP #16)	0.00	0%	995.00	100%	0.00	0%	0.00	0%	100%
58	Wall Mounted HVAC Units (RFP #17)	0.00	0%	3,875.00	100%	0.00	0%	0.00	0%	100%
59	Revised Warranty Date	0.00	0%	0.00	100%	0.00	0%	0.00	0%	100%
		\$0.00		\$8,070.00		\$0.00		\$0.00		\$8,070.00