

CITY OF RAPID CITY CONSTRUCTION CHANGE ORDER #2
MEMORIAL PARK IRRIGATION IMPROVEMENTS
PROJECT NO. 12-2002 / CIP NO. 50896
MARCH 18, 2013
ORIGINAL CONTRACT AMOUNT: \$400,513.45
CONTRACTOR: ROCKINGTREE LANDSCAPING, INC.

LINE ITEM	DESCRIPTION	UNIT	CURRENT CONTRACT QUANTITY	UNIT PRICE	EXTENDED PRICE	ADJUSTED QUANTITY	ADJUSTED PRICE	NET CHANGE
1	DECODER-BASED CONTROLLER	EA	1.00	\$5,730.00	\$5,730.00	0.00	\$0.00	(\$5,730.00)
2	RAIN SENSOR AND BASE	EA	1.00	\$325.00	\$325.00	0.00	\$0.00	(\$325.00)
3	ANEMOMETER AND BASE	EA	1.00	\$1,032.00	\$1,032.00	0.00	\$0.00	(\$1,032.00)
4	SENSOR DECODERS	EA	5.00	\$610.00	\$3,050.00	0.00	\$0.00	(\$3,050.00)
5	2-INCH FLOW SENSOR	EA	2.00	\$688.00	\$1,376.00	0.00	\$0.00	(\$1,376.00)
6	1.5-INCH FLOW SENSOR	EA	2.00	\$606.00	\$1,212.00	0.00	\$0.00	(\$1,212.00)
7	DECODER WIRE	LF	3,600.00	\$1.05	\$3,780.00	3,600.00	\$3,780.00	\$0.00
8	CONDUIT FOR DECODER WIRE	LF	3,600.00	\$0.97	\$3,492.00	3,600.00	\$3,492.00	\$0.00
9	SINGLE-STATION DECODERS	EA	46.00	\$187.00	\$8,602.00	0.00	\$0.00	(\$8,602.00)
10	IN-LINE SURGE PROTECTORS	LS	1.00	\$1,460.00	\$1,460.00	1.00	\$1,460.00	\$0.00
11	ELECTRIC CONTROL VALVE - 1 INCH	EA	1.00	\$238.00	\$238.00	0.00	\$0.00	(\$238.00)
12	ELECTRIC CONTROL VALVE - 1.5 INCH	EA	17.00	\$269.00	\$4,573.00	0.00	\$0.00	(\$4,573.00)
13	ELECTRIC CONTROL VALVE - 2 INCH	EA	29.00	\$314.00	\$9,106.00	0.00	\$0.00	(\$9,106.00)
14	2-INCH BRASS ELECTRIC MASTER VALVE	EA	2.00	\$409.00	\$818.00	0.00	\$0.00	(\$818.00)
15	1.5-INCH BRASS ELECTRIC MASTER VALVE	EA	2.00	\$346.00	\$692.00	0.00	\$0.00	(\$692.00)
16	DUCTILE IRON SWIVEL AND ISOLATION VALVE	EA	4.00	\$1,870.00	\$7,480.00	4.00	\$7,480.00	\$0.00
17	MANUAL ISOLATION VALVE FOR IRRIGATION MAINLINE	EA	4.00	\$458.00	\$1,832.00	4.00	\$1,832.00	\$0.00
18	MANUAL ISOLATION VALVE FOR TRANSMISSION MAINLINE	EA	7.00	\$2,093.00	\$14,651.00	7.00	\$14,651.00	\$0.00
19	TRANSMISSION MAINLINE BENDS AND TEES	EA	11.00	\$669.00	\$7,359.00	11.00	\$7,359.00	\$0.00
20	TRANSMISSION MAINLINE TERMINATION	EA	3.00	\$802.00	\$2,406.00	3.00	\$2,406.00	\$0.00
21	QUICK COUPLER VALVE	EA	7.00	\$261.00	\$1,827.00	7.00	\$1,827.00	\$0.00
22	VALVE BOX AND COVER	EA	100.00	\$81.00	\$8,100.00	100.00	\$8,100.00	\$0.00
23	LARGE TURF ROTORS AND SWING JOINTS	EA	167.00	\$152.00	\$25,384.00	167.00	\$25,384.00	\$0.00

24	MEDIUM TURF ROTORS AND SWING JOINTS	EA	184.00	\$108.00	\$19,872.00	184.00	\$19,872.00	\$0.00
25	8.0-INCH TRANSMISSION MAINLINE	LF	1,120.00	\$30.60	\$34,272.00	1,120.00	\$34,272.00	\$0.00
26	6.0-INCH TRANSMISSION MAINLINE	LF	465.00	\$25.60	\$11,904.00	465.00	\$11,904.00	\$0.00
27	4.0-INCH IRRIGATION MAINLINE	LF	1,505.00	\$29.00	\$43,645.00	1,505.00	\$43,645.00	\$0.00
28	3.0-INCH IRRIGATION MAINLINE	LF	661.00	\$28.90	\$19,102.90	661.00	\$19,102.90	\$0.00
29	1.0-INCH PVC LATERAL	LF	6,460.00	\$4.65	\$30,039.00	6,460.00	\$30,039.00	\$0.00
30	1.5-INCH PVC LATERAL	LF	3,397.00	\$5.85	\$19,872.45	3,397.00	\$19,872.45	\$0.00
31	2.0-INCH PVC LATERAL	LF	1,120.00	\$7.15	\$8,008.00	1,120.00	\$8,008.00	\$0.00
32	2.5-INCH PVC LATERAL	LF	910.00	\$8.60	\$7,826.00	910.00	\$7,826.00	\$0.00
33	IRRIGATION SLEEVE TRANSMISSION MAIN	LF	0.00	\$0.00	\$0.00	0.00	\$0.00	\$0.00
34	IRRIGATION SLEEVE MAINLINE	LF	237.00	\$15.90	\$3,768.30	237.00	\$3,768.30	\$0.00
35	CONCRETE SIDEWALK REMOVAL	SF	1,828.00	\$3.57	\$6,525.96	1,828.00	\$6,525.96	\$0.00
36	CONCRETE SIDEWALK REMOVAL IN MIDDLE OF PARK	SF	0.00	\$3.57	\$0.00	0.00	\$0.00	\$0.00
37	CONCRETE REPLACEMENT	SF	1,825.00	\$6.97	\$12,720.25	1,825.00	\$12,720.25	\$0.00
38	PROJECT INCIDENTALS	LS	1.00	\$36,300.00	\$36,300.00	1.00	\$36,300.00	\$0.00
39	STAKING, TESTING & ADJUSTMENT OF SYSTEM	LS	1.00	\$7,200.00	\$7,200.00	1.00	\$7,200.00	\$0.00
40	TRANSMISSION MAINLINE DRAIN	LS	1.00	\$2,078.00	\$2,078.00	1.00	\$2,078.00	\$0.00
41	TORO 3-INCH FLOW SENSOR AND WIRING	EA	0.00	\$8,244.00	\$0.00	1.00	\$8,244.00	\$8,244.00
42	TORO DECODER- BASED CONTROLLER	EA	0.00	\$10,155.00	\$0.00	1.00	\$10,155.00	\$10,155.00
43	INSTALL 52 TORO SINGLE-STATION DECODER	EA	0.00	\$109.67	\$0.00	50.00	\$5,483.50	\$5,483.50
44	TORO 1-INCH VALVES	EA	0.00	\$249.00	\$0.00	1.00	\$249.00	\$249.00
45	TORO 1.5-INCH VALVES	EA	0.00	\$290.70	\$0.00	17.00	\$4,941.90	\$4,941.90
46	TORO 2.0-INCH VALVES	EA	0.00	\$364.70	\$0.00	29.00	\$10,576.30	\$10,576.30
47	PROVIDE AND INSTALL ADDITIONAL TORO DECODERS	EA	0.00	\$244.17	\$0.00	2.00	\$488.34	\$488.34
TOTAL					\$377,658.86		\$381,042.90	\$3,384.04

C.C.O. HISTORY INCREASE/(DECREASE)		PRIOR ADJUSTED CONTRACT PRICE :		\$377,658.86
CCO #1	(\$22,854.59)	NET INCREASE/(DECREASE):		\$3,384.04
CCO #2	\$3,384.04	ADJUSTED CONTRACT PRICE:		\$381,042.90
	\$0.00	CHANGE TO DATE:		(\$19,470.55)

[Signature] 3-20-13
 CONTRACTOR: ROCKINGTREE LANDSCAPE INC, 1340 LAZELLE, STURGIS, SD 57785 - 605-347-5119 DATE

CONSULTANT: 42ND STREET DESIGN STUDIO DATE
[Signature] 3/18/13

PROJECT MANAGER: KLARE SCHROEDER, P.E. DATE

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 #2 to Rockingtree Landscape for an increase of \$3,384.04 based on unit pricing with the following appropriation:

Initial Funding	\$341,513.45	\$59,000.00			\$400,513.45
Fund Type	Parks & Recreation	Govt Bldgs			
Department	8912	8915			
Line Item	4372	4372			
Fund	0505	0505			
CCO #1	(\$19,197.86)	(\$3,656.73)			(\$22,854.59)
CCO #2	\$2,842.60	\$541.44			\$3,384.04
					\$0.00
Adjusted Funding	\$325,158.19	\$55,884.71		\$381,042.90	\$381,042.90

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MEMORIAL PARK IRRIGATION IMPROVEMENTS
PROJECT NO. 12-2002 / CIP NO. 50896
MARCH 18, 2013
ORIGINAL CONTRACT AMOUNT: \$400,513.45
CONTRACTOR: ROCKINGTREE LANDSCAPING, INC.**

LINE ITEM	DESCRIPTION	REASON FOR CHANGE
1	Decoder Based Controller	Removed because this controller would not communicate with the Central Control
2	Rain Sensor and Base	No longer needed because of the Central Control's Weather Station
3	Anemometer and Base	No longer needed because of the Central Control's Weather Station
4	Sensor Decoders	Not Compatible with Toro Central Control
5	2-Inch Flow Sensor	Not Compatible with Toro Central Control
6	1.5-inch Flow Sensor	Not Compatible with Toro Central Control
9	Single-Station Decoders	Not Compatible with Toro Central Control
11	Electric Control Valve - 1-inch	Removed to replace with Toro Valves because of the Central Control
12	Electric Control Valve - 1.5-inch	Removed to replace with Toro Valves because of the Central Control
13	Electric Control Valve - 2-inch	Removed to replace with Toro Valves because of the Central Control
14	2-inch Brass Electric Master Valve	Not Compatible with Toro Central Control
15	1.5-inch Brass Electric Master Valve	Not Compatible with Toro Central Control
41	TORO 3-INCH FLOW SENSOR AND WIRING	Installed to be compatible with Toro Central Control System
42	TORO DECODER-BASED CONTROLLER	Installed to be compatible with Toro Central Control System
43	TORO SINGLE-STATION DECODER ISNTALLATION	Install Toro decoders from the Central Control project in memorial park
44	TORO 1-INCH VALVES	Installed to be compatible with Toro Central Control System
45	TORO 1.5-INCH VALVES	Installed to be compatible with Toro Central Control System
46	TORO 2.0-INCH VALVES	Installed to be compatible with Toro Central Control System
47	DECODERS	Provide and install Toro decoders in addition to the 50 supplied by Midwest Turf for entire Memorial Park North

PREPARED BY: Klare Schroeder, P.E.

DATE: March 18, 2013

		Parks & Recreation		Govt Buildings		
		8912		8915		
		4372		4372		
		0505		0505		
ITEM NO.	DESCRIPTION OF ITEM	AMOUNT	PERCENT	AMOUNT	PERCENT	
1	DECODER-BASED CONTROLLER	-4,813.20	84%	-916.80	16%	100%
2	RAIN SENSOR AND BASE	-273.00	84%	-52.00	16%	100%
3	ANEMOMETER AND BASE	-866.88	84%	-165.12	16%	100%
4	SENSOR DECODERS	-2,562.00	84%	-488.00	16%	100%
5	2-INCH FLOW SENSOR	-1,155.84	84%	-220.16	16%	100%
6	1.5-INCH FLOW SENSOR	-1,018.08	84%	-193.92	16%	100%
7	DECODER WIRE	0.00	84%	0.00	16%	100%
8	CONDUIT FOR DECODER WIRE	0.00	84%	0.00	16%	100%
9	SINGLE-STATION DECODERS	-7,225.68	84%	-1,376.32	16%	100%
10	IN-LINE SURGE PROTECTORS	0.00	84%	0.00	16%	100%
11	ELECTRIC CONTROL VALVE - 1 IN	-199.92	84%	-38.08	16%	100%
12	ELECTRIC CONTROL VALVE - 1.5 I	-3,841.32	84%	-731.88	16%	100%
13	ELECTRIC CONTROL VALVE - 2 IN	-7,649.04	84%	-1,456.96	16%	100%
14	2-INCH BRASS ELECTRIC MASTER	-687.12	84%	-130.88	16%	100%
15	1.5-INCH BRASS ELECTRIC MASTE	-581.28	84%	-110.72	16%	100%
16	DUCTILE IRON SWIVEL AND ISOLA	0.00	84%	0.00	16%	100%
17	MANUAL ISOLATION VALVE FOR IP	0.00	84%	0.00	16%	100%
18	MANUAL ISOLATION VALVE FOR T	0.00	84%	0.00	16%	100%
19	TRANSMISSION MAINLINE BENDS	0.00	84%	0.00	16%	100%
20	TRANSMISSION MAINLINE TERMIN	0.00	84%	0.00	16%	100%
21	QUICK COUPLER VALVE	0.00	84%	0.00	16%	100%
22	VALVE BOX AND COVER	0.00	84%	0.00	16%	100%
23	LARGE TURF ROTORS AND SWING	0.00	84%	0.00	16%	100%

24	MEDIUM TURF ROTORS AND SWIN	0.00	84%	0.00	16%	100%
25	8.0-INCH TRANSMISSION MAINLIN	0.00	84%	0.00	16%	100%
26	6.0-INCH TRANSMISSION MAINLIN	0.00	84%	0.00	16%	100%
27	4.0-INCH IRRIGATION MAINLINE	0.00	84%	0.00	16%	100%
28	3.0-INCH IRRIGATION MAINLINE	0.00	84%	0.00	16%	100%
29	1.0-INCH PVC LATERAL	0.00	84%	0.00	16%	100%
30	1.5-INCH PVC LATERAL	0.00	84%	0.00	16%	100%
31	2.0-INCH PVC LATERAL	0.00	84%	0.00	16%	100%
32	2.5-INCH PVC LATERAL	0.00	84%	0.00	16%	100%
33	IRRIGATION SLEEVE TRANSMISSI	0.00	84%	0.00	16%	100%
34	IRRIGATION SLEEVE MAINLINE	0.00	84%	0.00	16%	100%
35	CONCRETE SIDEWALK REMOVAL	0.00	84%	0.00	16%	100%
36	CONCRETE SIDEWALK REMOVAL	0.00	84%	0.00	16%	100%
37	CONCRETE REPLACEMENT	0.00	84%	0.00	16%	100%
38	PROJECT INCIDENTALS	0.00	98%	0.00	2%	100%
39	STAKING, TESTING & ADJUSTMEN	0.00	84%	0.00	16%	100%
40	TRANSMISSION MAINLINE DRAIN	0.00	84%	0.00	16%	100%
41	TORO 3-INCH FLOW SENSOR AND	6,924.96	84%	1,319.04	16%	100%
42	TORO DECODER- BASED CONTRC	8,530.20	84%	1,624.80	16%	100%
43	INSTALL 52 TORO SINGLE-STATIO	4,606.14	84%	877.36	16%	100%
44	TORO 1-INCH VALVES	209.16	84%	39.84	16%	100%
45	TORO 1.5-INCH VALVES	4,151.20	84%	790.70	16%	100%
46	TORO 2.0-INCH VALVES	8,884.09	84%	1,692.21	16%	100%
47	PROVIDE AND INSTALL ADDITIONA	410.21	84%	78.13	16%	100%
		\$2,842.60		\$541.44		\$3,384.04