

**CITY OF RAPID CITY CONSTRUCTION CHANGE ORDER #001**  
**MT. VIEW AND MT. CALVARY CEMETERIES IRRIGATION SYSTEM, PHASE 3**  
**PROJECT NO. PR09-6010**  
**OCTOBER 28, 2010**  
**ORIGINAL CONTRACT AMOUNT: \$99,414.24**  
**CONTRACTOR: SECOND NATURE**

LINE ITEM	DESCRIPTION	UNIT	CURRENT CONTRACT QUANTITY	UNIT PRICE	EXTENDED PRICE	ADJUSTED QUANTITY	ADJUSTED PRICE	NET CHANGE
1	4" PVC MAINLINE	LF	2,380.00	\$6.05	\$14,399.00		\$0.00	
2	3" PVC MAINLINE	LF	25.00	\$5.80	\$145.00		\$0.00	
3	2" PVC MAINLINE	LF	150.00	\$3.15	\$472.50		\$0.00	
4	4" ISOLATION VALVE	EA	10.00	\$288.75	\$2,887.50	10.00	\$5,637.50	\$2,750.00
5	1" PVC LATERAL LINE	LF	1,800.00	\$0.54	\$972.00		\$0.00	
6	1 1/4" PVC LATERAL LINE	LF	1,300.00	\$0.76	\$988.00		\$0.00	
7	1 1/2" PVC LATERAL LINE	LF	1,360.00	\$1.07	\$1,455.20		\$0.00	
8	2" PVC LATERAL LINE	LF	1,410.00	\$1.63	\$2,298.30		\$0.00	
9	2 1/2" PVC LATERAL LINE	LF	400.00	\$2.47	\$988.00		\$0.00	
10	2" CONTROL VALVE	EA	24.00	\$342.00	\$8,208.00		\$0.00	
11	1" CONTROL VALVE	EA	2.00	\$315.00	\$630.00		\$0.00	
12	RECEIVER FOR CONTROL VALVE	EA	24.00	\$183.75	\$4,410.00		\$0.00	
13	1" QUICK COUPLER	EA	10.00	\$131.25	\$1,312.50		\$0.00	
14	LARGE VALVE BOX	EA	40.00	\$78.75	\$3,150.00		\$0.00	
15	SMALL VALVE BOX	EA	20.00	\$57.75	\$1,155.00		\$0.00	
16	LARGE SPRINKLER WITH 1" SWING JOINT	EA	127.00	\$120.75	\$15,335.25		\$0.00	
17	MEDIUM SPRINKLER WITH 1" SWING JOINT	EA	14.00	\$105.00	\$1,470.00		\$0.00	
18	SMALL SPRINKLER WITH 1" SWING JOINT	EA	12.00	\$36.75	\$441.00		\$0.00	
19	CONTROL WIRE	LF	5,200.00	\$0.27	\$1,404.00		\$0.00	
20	3/4" PVC CONTROL WIRE CONDUIT	LF	2,600.00	\$0.42	\$1,092.00		\$0.00	
21	BACKFLOW ENCLOSER	LS	1.00	\$1,575.00	\$1,575.00		\$0.00	
22	CURB STOP REPLACEMENT AND BACKFLOW PLUMBING	LS	1.00	\$7,875.00	\$7,875.00		\$0.00	
23	STAKING, TESTING & ADJUSTMENT OF IRRIGATION SYSTEM	LS	1.00	\$1,575.00	\$1,575.00		\$0.00	
24	INCIDENTAL WORK	LS	1.00	\$7,875.00	\$7,875.00		\$0.00	
25	1" PVC LATERAL LINE	LF	820.00	\$0.54	\$442.80		\$0.00	
26	1 1/2" PVC LATERAL LINE	LF	535.00	\$1.07	\$572.45		\$0.00	
27	2" PVC LATERAL LINE	LF	530.00	\$1.63	\$863.90		\$0.00	
28	2 1/2" PVC LATERAL LINE	LF	250.00	\$2.47	\$617.50		\$0.00	
29	2" CONTROL VALVE	EA	5.00	\$342.00	\$1,710.00		\$0.00	
30	RECEIVER FOR CONTROL VALVE	EA	5.00	\$183.75	\$918.75		\$0.00	
31	LARGE VALVE BOX	EA	0.00	\$0.00	\$0.00		\$0.00	
32	LARGE SPRINKLER WITH 1" SWING JOINT	EA	40.00	\$120.75	\$4,830.00		\$0.00	
33	STAKING, TESTING & ADJUSTMENT OF IRRIGATION SYSTEM	LS	1.00	\$525.00	\$525.00		\$0.00	
34	INCIDENTAL WORK	LS	1.00	\$1,800.00	\$1,800.00		\$0.00	
35	1" PVC LATERAL LINE	LF	200.00	\$0.54	\$108.00		\$0.00	
36	1 1/4" PVC LATERAL LINE	LF	200.00	\$0.76	\$152.00		\$0.00	

37	1 1/2" PVC LATERAL LINE	LF	170.00	\$1.07	\$181.90		\$0.00	
38	2" PVC LATERAL LINE	LF	100.00	\$1.63	\$163.00		\$0.00	
39	=Bidtab!\$B45	LF	2.00	\$2.47	\$4.94		\$0.00	
40	2" CONTROL VALVE	EA	2.00	\$342.00	\$684.00		\$0.00	
41	LARGE VALVE BOX	EA	2.00	\$78.75	\$157.50		\$0.00	
42	LARGE SPRINKLER WITH 1" SWING JOINT	EA	19.00	\$120.75	\$2,294.25		\$0.00	
43	STAKING, TESTING & ADJUSTMENT OF IRRIGATION SYSTEM	LS	1.00	\$325.00	\$325.00		\$0.00	
44	INCIDENTAL WORK	LS	1.00	\$950.00	\$950.00		\$0.00	
45	Reduce Schedule 80 to Schedule 40 fittings for lateral piping	LS	0.00	\$0.00	\$0.00	1.00	(\$875.00)	(\$875.00)
46	Ductile Iron Fittings to Schedule 80 fittings on mainline	LS	1.00	\$0.00	\$0.00	1.00	(\$335.00)	(\$335.00)
47	6" Valve to 4" Valve prior to backflow and meter assembly	LS	1.00	\$0.00	\$0.00	1.00	(\$275.00)	(\$275.00)
48	Schedule 40 to Schedule 80 pipe and fittings at backflow and	LS	0.00	\$0.00	\$0.00	1.00	\$140.00	\$140.00
49	Remove section of existing mainline, place quick coupler at each end	LS	0.00	\$0.00	\$0.00	1.00	\$1,000.00	\$1,000.00
50	4" Schedule 80 unions on backflow and meter assembly	LS	0.00	\$0.00	\$0.00	1.00	\$280.00	\$280.00
<b>TOTAL</b>					<b>\$99,414.24</b>		<b>\$5,637.50</b>	<b>\$2,685.00</b>

C.C.O. HISTORY INCREASE/(DECREASE)		PRIOR ADJUSTED CONTRACT PRICE :		\$99,414.24
CCO #1	\$2,685.00	NET INCREASE/(DECREASE):		\$2,685.00
CCO #2	\$0.00	ADJUSTED CONTRACT PRICE:		\$102,099.24
CCO #3	\$0.00	CHANGE TO DATE:		\$2,685.00

_____ TED BENTZ, Second Nature, 3607 Westridge Road, Rapid City, SD 57702	_____ DATE
_____ RANDY LYONS, PROJECT MANAGER	_____ DATE
_____ ALAN HANKS, MAYOR	_____ DATE
_____ PAULINE SUMPTION, FINANCE OFFICER	_____ DATE
CONTRACT TIME CHANGE +/-: 0      NEW CONTRACT TIME:      Days	

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CONTRACTOR: SECOND NATURE

LINE ITEM	DESCRIPTION	REASON FOR CHANGE
4	4" Isolation Valve	Changed from a 4" PVC Ball Valve to a 4" Brass Gate Valve
45	Sch 80 to Sch 40 on lat. Fittings	Specifications called out Schedule 80 on these fittings; we all agreed to go with Schedule 40; they are sufficient for this application
46	Ductile to Sch 80 Fittings	Specifications called out ductile on these; we all agreed to go with Sch 80 fittings as they are sufficient for this application
47	6" to 4" Valve at Back Flow	We sized down before this valve rather than after; 6" is not needed.
48	Sch 40 to Sch 80 at Back Flow	Sch 80 is stronger and will give more structural support
49	Remove Mainline	Removed an unneeded section of mainline because of this project and added quick couplers at disconnected locations
50	4" Sch Unions at Back Flow	Added because of maintenance

PREPARED BY: \_\_\_\_\_

DATE: \_\_\_\_\_