

17TH. AVE. PARKWAY - IRRIGATION RENOVATION

OPINION OF PROBABLE COSTS - August 15, 2005

IRRIGATION SYSTEM AUTOMATION - COLORADO BLVD. TO HOLLY ST.

					Sabelles Enterprises, LLP RLI Insurance Company		American Civil Constructors Western Surety Company		CTM, Inc. Westchester Fire Ins. Co.		Richdell Construction, Inc. Contractors Bonding & Ins.		T2 Construction, Inc. Employer's Mutual Casualty		Mitch's Greenthumb Landscpg Washington Internationl Ins.		
ITEM NO.:	DESCRIPTION:	QTY:	UNIT:	UNIT COST:	BID AMOUNT	UNIT COST:	BID AMOUNT	UNIT COST:	BID AMOUNT	UNIT COST:	BID AMOUNT	UNIT COST:	BID AMOUNT	UNIT COST:	BID AMOUNT	UNIT COST:	BID AMOUNT
01010-1A	MOBILIZATION	1	L.S.	\$ 12,000.00	\$ 12,000.00	\$ 16,187.00	\$ 16,187.00	\$ 35,700.00	\$ 35,700.00	\$ 5,000.00	\$ 5,000.00	\$ 21,000.00	\$ 21,000.00	\$ 38,800.00	\$ 38,800.00	\$ 8,100.00	\$ 8,100.00
01500-1A	TRAFFIC CONTROL	1	L.S.	\$ 13,150.00	\$ 13,150.00	\$ 8,000.00	\$ 8,000.00	\$ 6,000.00	\$ 6,000.00	\$ 6,000.00	\$ 6,000.00	\$ 2,000.00	\$ 2,000.00	\$ 10,000.00	\$ 10,000.00	\$ 17,250.00	\$ 17,250.00
01500-2A	TEMPORARY CONSTRUCTION FENCING	200	L.F.	\$ 6.00	\$ 1,200.00	\$ 0.70	\$ 140.00	\$ 12.50	\$ 2,500.00	\$ 2.00	\$ 400.00	\$ 5.00	\$ 1,000.00	\$ 3.00	\$ 600.00	\$ 6.00	\$ 1,200.00
02150-1A	TREE PROTECTION FENCING	4200	L.F.	\$ 2.25	\$ 9,450.00	\$ 0.70	\$ 2,940.00	\$ 2.60	\$ 10,920.00	\$ 0.50	\$ 2,100.00	\$ 1.30	\$ 5,460.00	\$ 2.10	\$ 8,820.00	\$ 6.00	\$ 25,200.00
02810-1A	SALVAGE EXISTING IRRIGATION EQUIPMENT	1	L.S.	\$ 3,640.00	\$ 3,640.00	\$ 8,127.00	\$ 8,127.00	\$ 6,000.00	\$ 6,000.00	\$ 5,000.00	\$ 5,000.00	\$ 12,000.00	\$ 12,000.00	\$ 11,000.00	\$ 11,000.00	\$ 2,850.00	\$ 2,850.00
02810-2A	4" MASTER VALVE	2	EA.	\$ 1,500.00	\$ 3,000.00	\$ 1,721.00	\$ 3,442.00	\$ 1,700.00	\$ 3,400.00	\$ 3,000.00	\$ 6,000.00	\$ 2,500.00	\$ 5,000.00	\$ 1,578.00	\$ 3,156.00	\$ 1,900.00	\$ 3,800.00
02810-3A	ISOLATION VALVES	7	EA.	\$ 550.00	\$ 3,850.00	\$ 246.00	\$ 1,722.00	\$ 300.00	\$ 2,100.00	\$ 360.00	\$ 2,520.00	\$ 300.00	\$ 2,100.00	\$ 351.00	\$ 2,457.00	\$ 1,900.00	\$ 3,955.00
02810-4A	DRAIN VALVES	10	EA.	\$ 150.00	\$ 1,500.00	\$ 155.00	\$ 1,550.00	\$ 175.00	\$ 1,750.00	\$ 225.00	\$ 2,250.00	\$ 200.00	\$ 2,000.00	\$ 162.00	\$ 1,620.00	\$ 215.00	\$ 2,150.00
02810-5A	QUICK COUPLER VALVES	3	EA.	\$ 150.00	\$ 450.00	\$ 150.00	\$ 450.00	\$ 100.00	\$ 300.00	\$ 225.00	\$ 675.00	\$ 180.00	\$ 540.00	\$ 158.00	\$ 474.00	\$ 185.00	\$ 555.00
02810-6A	AIR RELIEF VALVES	6	EA.	\$ 250.00	\$ 1,500.00	\$ 341.00	\$ 2,046.00	\$ 300.00	\$ 1,800.00	\$ 335.00	\$ 2,010.00	\$ 500.00	\$ 3,000.00	\$ 332.00	\$ 1,992.00	\$ 340.00	\$ 2,040.00
02810-7A	TWO VALVE MANIFOLD ASSEMBLY	45	EA.	\$ 400.00	\$ 18,000.00	\$ 211.00	\$ 9,495.00	\$ 465.00	\$ 20,925.00	\$ 800.00	\$ 36,000.00	\$ 500.00	\$ 22,500.00	\$ 414.00	\$ 18,630.00	\$ 500.00	\$ 22,500.00
02810-8A	THREE VALVE MANIFOLD ASSEMBLY	1	EA.	\$ 500.00	\$ 500.00	\$ 240.00	\$ 240.00	\$ 530.00	\$ 530.00	\$ 800.00	\$ 800.00	\$ 520.00	\$ 520.00	\$ 428.00	\$ 428.00	\$ 535.00	\$ 535.00
02810-9A	1" ELECTRIC CONTROL VALVE	1	EA.	\$ 125.00	\$ 125.00	\$ 138.00	\$ 138.00	\$ 185.00	\$ 185.00	\$ 200.00	\$ 200.00	\$ 250.00	\$ 250.00	\$ 144.00	\$ 144.00	\$ 185.00	\$ 185.00
02810-10A	2" ELECTRIC CONTROL VALVE	92	EA.	\$ 200.00	\$ 18,400.00	\$ 189.00	\$ 17,388.00	\$ 245.00	\$ 22,540.00	\$ 300.00	\$ 27,600.00	\$ 300.00	\$ 27,600.00	\$ 201.00	\$ 18,492.00	\$ 250.00	\$ 23,000.00
02810-11A	POT HOLE FOR UTILITY VERIFICATION	26	EA.	\$ 250.00	\$ 6,500.00	\$ 174.00	\$ 4,524.00	\$ 385.00	\$ 10,010.00	\$ 170.00	\$ 4,420.00	\$ 275.00	\$ 7,150.00	\$ 250.00	\$ 6,500.00	\$ 310.00	\$ 8,060.00
02810-12A	4" DIA. HDPE SLEEVE WITH DIRECTIONAL BORE	893	L.F.	\$ 30.00	\$ 26,790.00	\$ 21.00	\$ 18,753.00	\$ 37.00	\$ 33,041.00	\$ 17.00	\$ 15,181.00	\$ 19.00	\$ 16,967.00	\$ 28.00	\$ 25,004.00	\$ 26.00	\$ 23,218.00
02810-13A	6" DIA. HDPE SLEEVE WITH DIRECTIONAL BORE	893	L.F.	\$ 50.00	\$ 44,650.00	\$ 31.00	\$ 27,683.00	\$ 48.00	\$ 42,864.00	\$ 24.00	\$ 21,432.00	\$ 25.00	\$ 22,325.00	\$ 45.00	\$ 40,185.00	\$ 37.00	\$ 33,041.00
02810-14A	HAND DIGGING TRENCHES	1342	L.F.	\$ 5.50	\$ 7,381.00	\$ 3.50	\$ 4,697.00	\$ 3.75	\$ 5,032.50	\$ 12.50	\$ 16,775.00	\$ 8.50	\$ 11,407.00	\$ 4.00	\$ 5,368.00	\$ 2.00	\$ 2,684.00
02810-15A	4" CL-200 P.V.C. RT MAINLINE	4646	L.F.	\$ 6.00	\$ 27,876.00	\$ 5.65	\$ 26,249.90	\$ 8.40	\$ 39,028.40	\$ 11.50	\$ 53,429.00	\$ 6.50	\$ 30,199.00	\$ 7.50	\$ 34,845.00	\$ 6.00	\$ 27,876.00
02810-16A	CONTROLLER ASSEMBLY (WITH HIGH VOLTAGE FEED)	2	L.S.	\$ 3,750.00	\$ 7,500.00	\$ 10,480.00	\$ 20,960.00	\$ 6,750.00	\$ 13,500.00	\$ 5,000.00	\$ 10,000.00	\$ 4,500.00	\$ 9,000.00	\$ 6,289.00	\$ 12,578.00	\$ 5,500.00	\$ 11,000.00
02810-17A	#14 AWG UFUL VALVE CONTROL WIRE	105894	L.F.	\$ 0.15	\$ 15,884.10	\$ 0.15	\$ 15,884.10	\$ 0.09	\$ 9,530.46	\$ 0.07	\$ 7,412.58	\$ 0.16	\$ 16,943.04	\$ 0.15	\$ 15,884.10	\$ 0.10	\$ 10,589.40
02810-18A	WIRE ACCESS LOOPS	20	EA.	\$ 75.00	\$ 1,500.00	\$ 28.00	\$ 560.00	\$ 40.00	\$ 800.00	\$ 100.00	\$ 2,000.00	\$ 100.00	\$ 2,000.00	\$ 87.00	\$ 1,740.00	\$ 40.00	\$ 800.00
02810-19A	1.25" - 100 P.S.I. PE-3408 POLYETHYLENE PIPE	675	L.F.	\$ 1.75	\$ 1,181.25	\$ 1.80	\$ 1,215.00	\$ 4.00	\$ 2,700.00	\$ 1.00	\$ 675.00	\$ 2.80	\$ 1,890.00	\$ 2.30	\$ 1,552.50	\$ 1.60	\$ 1,080.00
02810-20A	1.5" - 100 P.S.I. PE-3408 POLYETHYLENE PIPE	154	L.F.	\$ 2.25	\$ 346.50	\$ 2.10	\$ 323.40	\$ 4.00	\$ 616.00	\$ 2.00	\$ 308.00	\$ 3.00	\$ 462.00	\$ 2.40	\$ 369.60	\$ 2.15	\$ 331.10
02810-21A	2" - 100 P.S.I. PE-3408 POLYETHYLENE PIPE	5458	L.F.	\$ 3.00	\$ 16,374.00	\$ 2.05	\$ 11,188.90	\$ 4.75	\$ 25,925.50	\$ 5.50	\$ 30,019.00	\$ 3.30	\$ 18,011.40	\$ 2.50	\$ 13,645.00	\$ 2.45	\$ 13,372.10
02810-22A	RAIN BIRD 1804 POP-UP SPRAY HEAD	47	EA.	\$ 22.00	\$ 1,034.00	\$ 17.25	\$ 810.75	\$ 24.00	\$ 1,128.00	\$ 20.00	\$ 940.00	\$ 24.00	\$ 1,128.00	\$ 18.00	\$ 846.00	\$ 17.00	\$ 799.00
02810-23A	RAIN BIRD 1812 POP-UP SPRAY HEAD	10	EA.	\$ 25.00	\$ 250.00	\$ 23.25	\$ 232.50	\$ 30.00	\$ 300.00	\$ 32.00	\$ 320.00	\$ 35.00	\$ 350.00	\$ 23.00	\$ 230.00	\$ 28.00	\$ 280.00
02810-24A	19TH AVE. & FOREST ST. TAP (3")	1	L.S.	\$ 8,500.00	\$ 8,500.00	\$ 8,650.00	\$ 8,650.00	\$ 28,750.00	\$ 28,750.00	\$ 3,500.00	\$ 3,500.00	\$ 12,500.00	\$ 12,500.00	\$ 21,000.00	\$ 21,000.00	\$ 28,000.00	\$ 28,000.00
02810-25A	3" BACKFLOW ASSEMBLY	1	L.S.	\$ 5,375.00	\$ 5,375.00	\$ 4,210.00	\$ 4,210.00	\$ 7,900.00	\$ 7,900.00	\$ 5,000.00	\$ 5,000.00	\$ 3,500.00	\$ 3,500.00	\$ 5,500.00	\$ 5,500.00	\$ 3,875.00	\$ 3,875.00
02810-26A	3" MASTER VALVE	1	EA.	\$ 1,050.00	\$ 1,050.00	\$ 1,270.00	\$ 1,270.00	\$ 1,225.00	\$ 1,225.00	\$ 1,250.00	\$ 1,250.00	\$ 1,500.00	\$ 1,500.00	\$ 1,133.00	\$ 1,133.00	\$ 1,300.00	\$ 1,300.00
02810-27A	CUT AND CAP EXISTING MAIN	2	EA.	\$ 350.00	\$ 700.00	\$ 450.00	\$ 900.00	\$ 1,200.00	\$ 2,400.00	\$ 750.00	\$ 1,500.00	\$ 300.00	\$ 600.00	\$ 707.00	\$ 1,414.00	\$ 150.00	\$ 300.00
02810-28A	TIE INTO EXISTING MAIN @ 19TH & FOREST ST.	1	L.S.	\$ 500.00	\$ 500.00	\$ 1,450.00	\$ 1,450.00	\$ 1,750.00	\$ 1,750.00	\$ 1,500.00	\$ 1,500.00	\$ 900.00	\$ 900.00	\$ 940.00	\$ 940.00	\$ 150.00	\$ 150.00
02810-29A	HUNTER I-25 ADS OR 36S GEAR DRIVE SPRINKLER HEAD	10	EA.	\$ 85.00	\$ 850.00	\$ 51.00	\$ 510.00	\$ 50.00	\$ 500.00	\$ 24.00	\$ 240.00	\$ 60.00	\$ 600.00	\$ 50.00	\$ 500.00	\$ 55.00	\$ 550.00
02925-1A	IMPORTED TOP SOIL	10	EA.	\$ 30.00	\$ 300.00	\$ 54.00	\$ 540.00	\$ 60.00	\$ 600.00	\$ 20.00	\$ 200.00	\$ 40.00	\$ 400.00	\$ 100.00	\$ 1,000.00	\$ 50.00	\$ 500.00
02935-1A	BLUEGRASS SOD WITH FINE GRADING	18970	S.F.	\$ 0.60	\$ 11,382.00	\$ 0.82	\$ 15,555.40	\$ 1.20	\$ 22,764.00	\$ 0.40	\$ 7,588.00	\$ 0.60	\$ 11,382.00	\$ 0.65	\$ 12,330.50	\$ 0.80	\$ 15,176.00
BID SCHEDULE A					\$ 272,688.85	\$ 238,031.95	\$ 365,012.86	\$ 281,494.58	\$ 274,184.84	\$ 319,177.70	\$ 296,301.60						
7th Ave Parkway (Williams St to Fillmore St)																	
01010-1B	MOBILIZATION	1	L.S.	\$ 10,137.00	\$ 10,137.00	\$ 16,187.00	\$ 16,187.00	\$ 33,400.00	\$ 33,400.00	\$ 5,000.00	\$ 5,000.00	\$ 20,000.00	\$ 20,000.00	\$ 38,800.00	\$ 38,800.00	\$ 8,100.00	\$ 8,100.00
01500-1B	TRAFFIC CONTROL	1	L.S.	\$ 6,160.00	\$ 6,160.00	\$ 8,000.00	\$ 8,000.00	\$ 6,000.00	\$ 6,000.00	\$ 6,000.00	\$ 6,000.00	\$ 2,000.00	\$ 2,000.00	\$ 10,000.00	\$ 10,000.00	\$ 17,250.00	\$ 17,250.00
01500-2B	TEMPORARY CONSTRUCTION FENCING	200	L.F.	\$ 6.00	\$ 1,200.00	\$ 0.70	\$ 140.00	\$ 12.25	\$ 2,450.00	\$ 2.00	\$ 400.00	\$ 5.00	\$ 1,000.00	\$ 3.00	\$ 600.00	\$ 6.00	\$ 1,200.00
02150-1B	TREE PROTECTION FENCING	4200	L.F.	\$ 2.25	\$ 9,450.00	\$ 0.70	\$ 2,940.00	\$ 2.60	\$ 10,920.00	\$ 0.50	\$ 2,100.00	\$ 1.30	\$ 5,460.00	\$ 2.10	\$ 8,820.00	\$ 6.00	\$ 25,200.00
02810-1B	SALVAGE EXISTING IRRIGATION EQUIPMENT	1	L.S.	\$ 1,540.00	\$ 1,540.00	\$ 8,127.00	\$ 8,127.00	\$ 4,500.00	\$ 4,500.00	\$ 5,000.00	\$ 5,000.00	\$ 9,000.00	\$ 9,000.00	\$ 5,500.00	\$ 5,500.00	\$ 800.00	\$ 800.00
02810-2B	TIE IN AND REFIT BACK FLOW W/ SLAB AND ENCLOSURE	1	L.S.	\$ 2,000.00	\$ 2,000.00	\$ 550.00	\$ 550.00	\$ 3,500.00	\$ 3,500.00	\$ 2,500.00	\$ 2,500.00	\$ 2,500.00	\$ 2,500.00	\$ 4,200.00	\$ 4,200.00	\$ 2,500.00	\$ 2,500.00
02810-3B	4" MASTER VALVE	1	EA.	\$ 1,500.00	\$ 1,500.00	\$ 1,731.00	\$ 1,731.00	\$ 1,750.00	\$ 1,750.00	\$ 3,000.00	\$ 3,000.00	\$ 2,500.00	\$ 2,500.00	\$ 1,578.00	\$ 1,578.00	\$ 1,900.00	\$ 1,900.00
02810-4B	4TH AVE. TRAFFIC ISLAND TAP (1.5")	1	L.S.	\$ 6,250.00	\$ 6,250.00	\$ 9,121.00	\$ 9,121.00	\$ 8,800.00	\$ 8,800.00	\$ 8,500.00	\$ 8,500.00	\$ 12,500.00	\$ 12,500.00	\$ 15,000.00	\$ 15,000.00	\$ 9,100.00	\$ 9,100.00
02810-5B	CUT AND CAP 6TH AVE. IRRIGATION SERVICE LINE	1	L.S.	\$ 1,500.00	\$ 1,500.00	\$ 1,650.00	\$ 1,650.00	\$ 1,800.00	\$ 1,800.00	\$ 1,500.00	\$ 1,500.00	\$ 700.00	\$ 700.00	\$ 472.00	\$ 472.00	\$ 150.00	\$ 150.00
02810-6B	SALVAGE AND DISASSEMBLE HARRISON ST. BACKFLOW	1	L.S.	\$ 1,500.00	\$ 1,500.00	\$ 1,250.00	\$ 1,250.00	\$ 1,800.00	\$ 1,800.00	\$ 1,200.00	\$ 1,200.00	\$ 600.00	\$ 600.00	\$ 1,402.00	\$ 1,402.00	\$ 150.00	\$ 150.00
02810-7B	CUT AND CAP EXISTING MAIN @ FILLMORE ST.	1	L.S.	\$ 350.00	\$ 350.00	\$ 1,350.00	\$ 1,350.00	\$ 1,200.00	\$ 1,200.00	\$ 1,000.00	\$ 1,000.00	\$ 800.00	\$ 800.00	\$ 707.00	\$ 707.00	\$ 150.00	\$ 150.00
02810-8B	CUT AND CAP EXISTING MAIN @ HARRISON ST.	1	L.S.	\$ 350.00	\$ 350.00	\$ 1,450.00	\$ 1,450.00	\$ 1,200.00	\$ 1,200.00	\$ 1,500.00	\$ 1,500.00	\$ 800.00	\$ 800.00	\$ 707.00	\$ 707.00	\$ 150.00	\$ 150