

# AIRPORT/DANIELS IMPROVEMENT PROJECT-PHASE 1

ENGINEER'S ESTIMATE \$3,200,000 to 3,500,000

BID OPENING DECEMBER 3, 2004

CONTRACTOR/CITY				TIDELANDS BRENTWOOD		DSS STOCKTON		PRESTON PIPELINE MILPITAS		FORD CONSTRUCTION LODI	
ITEM	DESCRIPTION	QTY	UNIT	UNIT COST	TOTAL COST	UNIT COST	TOTAL COST	UNIT COST	TOTAL COST	UNIT COST	TOTAL COST
1	Mobilization	1	LS	\$ 250,000.00	\$ 250,000.00	\$ 73,000.00	\$ 73,000.00	\$ 15,000.00	\$ 15,000.00	\$ 300,000.00	\$ 300,000.00
2	Construction Surveys & Setting Stakes	1	LS	\$ 10,000.00	\$ 10,000.00	\$ 16,000.00	\$ 16,000.00	\$ 16,000.00	\$ 16,000.00	\$ 8,000.00	\$ 8,000.00
3	Clearing and Grubbing	1	LS	\$ 10,000.00	\$ 10,000.00	\$ 30,000.00	\$ 30,000.00	\$ 100,000.00	\$ 100,000.00	\$ 35,000.00	\$ 35,000.00
4	Traffic Control	1	LS	\$ 250.00	\$ 250.00	\$ 2,500.00	\$ 2,500.00	\$ 1,000.00	\$ 1,000.00	\$ 20,000.00	\$ 20,000.00
5	Water Pollution Control	1	LS	\$ 8,000.00	\$ 8,000.00	\$ 20,000.00	\$ 20,000.00	\$ 15,000.00	\$ 15,000.00	\$ 1,000.00	\$ 1,000.00
6	12" Waterline	75	LF	\$ 60.00	\$ 4,500.00	\$ 70.00	\$ 5,250.00	\$ 90.00	\$ 6,750.00	\$ 145.00	\$ 10,875.00
7	6" Waterline	37	LF	\$ 15.00	\$ 555.00	\$ 42.00	\$ 1,554.00	\$ 77.00	\$ 2,849.00	\$ 100.00	\$ 3,700.00
8	6" RS Gate Valve	1	EA	\$ 750.00	\$ 750.00	\$ 800.00	\$ 800.00	\$ 750.00	\$ 750.00	\$ 800.00	\$ 800.00
9	4" RS Gate Valve	1	EA	\$ 500.00	\$ 500.00	\$ 700.00	\$ 700.00	\$ 700.00	\$ 700.00	\$ 675.00	\$ 675.00
10	Fire Hydrant Assembly	1	EA	\$ 1,500.00	\$ 1,500.00	\$ 2,100.00	\$ 2,100.00	\$ 1,800.00	\$ 1,800.00	\$ 3,300.00	\$ 3,300.00
11	Connect to existing waterline	1	EA	\$ 1,250.00	\$ 1,250.00	\$ 3,000.00	\$ 3,000.00	\$ 2,500.00	\$ 2,500.00	\$ 3,500.00	\$ 3,500.00
12	Blowoff	1	EA	\$ 1,000.00	\$ 1,000.00	\$ 1,900.00	\$ 1,900.00	\$ 1,700.00	\$ 1,700.00	\$ 5,000.00	\$ 5,000.00
13	Dewatering	1	LS	\$ 300,000.00	\$ 300,000.00	\$ 465,000.00	\$ 465,000.00	\$ 225,000.00	\$ 225,000.00	\$ 168,000.00	\$ 168,000.00
14	3" Sewer	72	LF	\$ 25.00	\$ 1,800.00	\$ 24.00	\$ 1,728.00	\$ 44.50	\$ 3,204.00	\$ 50.00	\$ 3,600.00
15	6" Sewer	80	LF	\$ 40.00	\$ 3,200.00	\$ 25.00	\$ 2,000.00	\$ 47.50	\$ 3,800.00	\$ 55.00	\$ 4,400.00
16	8" Sewer	212	LF	\$ 40.00	\$ 8,480.00	\$ 27.00	\$ 5,724.00	\$ 48.75	\$ 10,335.00	\$ 37.00	\$ 7,844.00
17	12" Sewer	734	LF	\$ 60.00	\$ 44,040.00	\$ 80.00	\$ 58,720.00	\$ 59.50	\$ 43,673.00	\$ 100.00	\$ 73,400.00
18	15" Sewer	2725	LF	\$ 61.00	\$ 166,225.00	\$ 96.00	\$ 261,600.00	\$ 66.50	\$ 181,212.50	\$ 110.00	\$ 299,750.00
19	Sewer Manhole S-3	5	EA	\$ 3,500.00	\$ 17,500.00	\$ 4,100.00	\$ 20,500.00	\$ 3,900.00	\$ 19,500.00	\$ 5,500.00	\$ 27,500.00
20	Sewer Manhole S-6	7	EA	\$ 4,500.00	\$ 31,500.00	\$ 5,200.00	\$ 36,400.00	\$ 4,000.00	\$ 28,000.00	\$ 7,500.00	\$ 52,500.00
21	Connect to existing sewer	1	EA	\$ 1,000.00	\$ 1,000.00	\$ 3,000.00	\$ 3,000.00	\$ 4,300.00	\$ 4,300.00	\$ 2,500.00	\$ 2,500.00
22	8" Storm	148	LF	\$ 22.00	\$ 3,256.00	\$ 19.00	\$ 2,812.00	\$ 30.00	\$ 4,440.00	\$ 35.00	\$ 5,180.00
23	24" Storm	525	LF	\$ 50.00	\$ 26,250.00	\$ 42.00	\$ 22,050.00	\$ 49.50	\$ 25,987.50	\$ 70.00	\$ 36,750.00
24	30" Storm	33	LF	\$ 75.00	\$ 2,475.00	\$ 102.00	\$ 3,366.00	\$ 60.00	\$ 1,980.00	\$ 70.00	\$ 2,310.00
25	36" Storm	1305	LF	\$ 60.00	\$ 78,300.00	\$ 67.00	\$ 87,435.00	\$ 74.00	\$ 96,570.00	\$ 80.00	\$ 104,400.00
26	3x8 Reinforced Box Culvert	1098	LF	\$ 438.00	\$ 480,924.00	\$ 435.00	\$ 477,630.00	\$ 546.00	\$ 599,508.00	\$ 440.00	\$ 483,120.00
27	3x12 Reinforced Box Culvert	1460	LF	\$ 690.00	\$ 1,007,400.00	\$ 585.00	\$ 854,100.00	\$ 775.00	\$ 1,131,500.00	\$ 600.00	\$ 876,000.00
28	Storm Manhole D-6 Mod. (Lateral "Y")	6	EA	\$ 3,250.00	\$ 19,500.00	\$ 2,500.00	\$ 15,000.00	\$ 2,800.00	\$ 16,800.00	\$ 3,000.00	\$ 18,000.00
29	Storm Manhole D-6 (24"Storm & 8"FM)	3	EA	\$ 2,750.00	\$ 8,250.00	\$ 2,500.00	\$ 7,500.00	\$ 2,350.00	\$ 7,050.00	\$ 3,000.00	\$ 9,000.00
30	Storm Manhole (Drain 7 RBC)	5	EA	\$ 700.00	\$ 3,500.00	\$ 1,000.00	\$ 5,000.00	\$ 1,900.00	\$ 9,500.00	\$ 2,000.00	\$ 10,000.00
31	18" Tile Drain	3772	LF	\$ 38.00	\$ 143,336.00	\$ 32.00	\$ 120,704.00	\$ 50.00	\$ 188,600.00	\$ 85.00	\$ 320,620.00
32	Manhole D-6 Mod. (Tile Drain)	4	EA	\$ 2,750.00	\$ 11,000.00	\$ 2,000.00	\$ 8,000.00	\$ 2,400.00	\$ 9,600.00	\$ 4,500.00	\$ 18,000.00
33	Connect to existing tile drain	1	EA	\$ 250.00	\$ 250.00	\$ 1,500.00	\$ 1,500.00	\$ 1,400.00	\$ 1,400.00	\$ 6,000.00	\$ 6,000.00
34	Headwall @ DS103+41.93	1	LS	\$ 12,500.00	\$ 12,500.00	\$ 36,000.00	\$ 36,000.00	\$ 15,500.00	\$ 15,500.00	\$ 30,000.00	\$ 30,000.00
35	Headwall @ DS117+45.81	1	LS	\$ 7,500.00	\$ 7,500.00	\$ 21,000.00	\$ 21,000.00	\$ 5,000.00	\$ 5,000.00	\$ 15,000.00	\$ 15,000.00
36	Transition (3x8 to 3x12 RBC)	1	LS	\$ 25,000.00	\$ 25,000.00	\$ 38,000.00	\$ 38,000.00	\$ 22,500.00	\$ 22,500.00	\$ 34,000.00	\$ 34,000.00
37	Transition (RCP to RBC)	1	LS	\$ 20,000.00	\$ 20,000.00	\$ 38,000.00	\$ 38,000.00	\$ 20,500.00	\$ 20,500.00	\$ 34,000.00	\$ 34,000.00
38	Connection (RCP to RBC @ DS116+64.52)	1	LS	\$ 2,000.00	\$ 2,000.00	\$ 4,600.00	\$ 4,600.00	\$ 2,000.00	\$ 2,000.00	\$ 5,000.00	\$ 5,000.00
39	Connection (RCP to RBC @ DS117+45.81)	1	LS	\$ 2,000.00	\$ 2,000.00	\$ 4,600.00	\$ 4,600.00	\$ 2,000.00	\$ 2,000.00	\$ 5,000.00	\$ 5,000.00
40	Clay Cutoff Dam	1	LS	\$ 7,500.00	\$ 7,500.00	\$ 11,000.00	\$ 11,000.00	\$ 11,000.00	\$ 11,000.00	\$ 8,000.00	\$ 8,000.00
41	Demobilization and Contract Closeout	1	LS	\$ 5,000.00	\$ 5,000.00	\$ 10,000.00	\$ 10,000.00	\$ 9,000.00	\$ 9,000.00	\$ 3,000.00	\$ 3,000.00
<b>TOTAL BASE BID</b>				<b>\$ 2,727,991.00</b>		<b>\$ 2,779,773.00</b>		<b>\$ 2,863,509.00</b>		<b>\$ 3,054,724.00</b>	

# AIRPORT/DANIELS IMPROVEMENT PROJECT-PHASE 1

ENGINEER'S ESTIMATE \$3,200,000 to 3,500,000

BID OPENING DECEMBER 3, 2004

CONTRACTOR/CITY				MCGUIRE & HESTER OAKLAND		PACIFIC UNDERGROUND SAN JOSE		RGW CONSTRUCTION LIVERMORE		K J WOODS SAN FRANCISCO	
ITEM	DESCRIPTION	QTY	UNIT	UNIT COST	TOTAL COST	UNIT COST	TOTAL COST	UNIT COST	TOTAL COST	UNIT COST	TOTAL COST
1	Mobilization	1	LS	\$ 200,000.00	\$ 200,000.00	\$ 83,800.00	\$ 83,800.00	\$ 323,000.00	\$ 323,000.00	\$ 189,780.00	\$ 189,780.00
2	Construction Surveys & Setting Stakes	1	LS	\$ 15,000.00	\$ 15,000.00	\$ 25,000.00	\$ 25,000.00	\$ 10,000.00	\$ 10,000.00	\$ 20,000.00	\$ 20,000.00
3	Clearing and Grubbing	1	LS	\$ 50,000.00	\$ 50,000.00	\$ 50,000.00	\$ 50,000.00	\$ 125,000.00	\$ 125,000.00	\$ 40,000.00	\$ 40,000.00
4	Traffic Control	1	LS	\$ 2,500.00	\$ 2,500.00	\$ 21,000.00	\$ 21,000.00	\$ 10,000.00	\$ 10,000.00	\$ 2,000.00	\$ 2,000.00
5	Water Pollution Control	1	LS	\$ 20,000.00	\$ 20,000.00	\$ 20,000.00	\$ 20,000.00	\$ 25,000.00	\$ 25,000.00	\$ 20,000.00	\$ 20,000.00
6	12" Waterline	75	LF	\$ 200.00	\$ 15,000.00	\$ 115.00	\$ 8,625.00	\$ 100.00	\$ 7,500.00	\$ 80.00	\$ 6,000.00
7	6" Waterline	37	LF	\$ 67.00	\$ 2,479.00	\$ 105.00	\$ 3,885.00	\$ 90.00	\$ 3,330.00	\$ 40.00	\$ 1,480.00
8	6" RS Gate Valve	1	EA	\$ 750.00	\$ 750.00	\$ 900.00	\$ 900.00	\$ 350.00	\$ 350.00	\$ 310.00	\$ 310.00
9	4" RS Gate Valve	1	EA	\$ 740.00	\$ 740.00	\$ 700.00	\$ 700.00	\$ 550.00	\$ 550.00	\$ 250.00	\$ 250.00
10	Fire Hydrant Assembly	1	EA	\$ 2,000.00	\$ 2,000.00	\$ 3,500.00	\$ 3,500.00	\$ 2,100.00	\$ 2,100.00	\$ 2,000.00	\$ 2,000.00
11	Connect to existing waterline	1	EA	\$ 1,000.00	\$ 1,000.00	\$ 3,000.00	\$ 3,000.00	\$ 1,700.00	\$ 1,700.00	\$ 900.00	\$ 900.00
12	Blowoff	1	EA	\$ 1,200.00	\$ 1,200.00	\$ 1,500.00	\$ 1,500.00	\$ 1,250.00	\$ 1,250.00	\$ 500.00	\$ 500.00
13	Dewatering	1	LS	\$ 200,000.00	\$ 200,000.00	\$ 310,000.00	\$ 310,000.00	\$ 507,400.00	\$ 507,400.00	\$ 200,000.00	\$ 200,000.00
14	3" Sewer	72	LF	\$ 75.00	\$ 5,400.00	\$ 45.00	\$ 3,240.00	\$ 80.00	\$ 5,760.00	\$ 30.00	\$ 2,160.00
15	6" Sewer	80	LF	\$ 200.00	\$ 16,000.00	\$ 50.00	\$ 4,000.00	\$ 90.00	\$ 7,200.00	\$ 35.00	\$ 2,800.00
16	8" Sewer	212	LF	\$ 130.00	\$ 27,560.00	\$ 60.00	\$ 12,720.00	\$ 92.00	\$ 19,504.00	\$ 50.00	\$ 10,600.00
17	12" Sewer	734	LF	\$ 125.00	\$ 91,750.00	\$ 65.00	\$ 47,710.00	\$ 95.00	\$ 69,730.00	\$ 140.00	\$ 102,760.00
18	15" Sewer	2725	LF	\$ 260.00	\$ 708,500.00	\$ 80.00	\$ 218,000.00	\$ 125.00	\$ 340,625.00	\$ 150.00	\$ 408,750.00
19	Sewer Manhole S-3	5	EA	\$ 6,000.00	\$ 30,000.00	\$ 8,200.00	\$ 41,000.00	\$ 7,000.00	\$ 35,000.00	\$ 5,500.00	\$ 27,500.00
20	Sewer Manhole S-6	7	EA	\$ 7,000.00	\$ 49,000.00	\$ 11,500.00	\$ 80,500.00	\$ 5,800.00	\$ 40,600.00	\$ 5,500.00	\$ 38,500.00
21	Connect to existing sewer	1	EA	\$ 2,500.00	\$ 2,500.00	\$ 3,000.00	\$ 3,000.00	\$ 5,000.00	\$ 5,000.00	\$ 1,000.00	\$ 1,000.00
22	8" Storm	148	LF	\$ 65.00	\$ 9,620.00	\$ 50.00	\$ 7,400.00	\$ 50.00	\$ 7,400.00	\$ 90.00	\$ 13,320.00
23	24" Storm	525	LF	\$ 50.00	\$ 26,250.00	\$ 85.00	\$ 44,625.00	\$ 60.00	\$ 31,500.00	\$ 170.00	\$ 89,250.00
24	30" Storm	33	LF	\$ 160.00	\$ 5,280.00	\$ 100.00	\$ 3,300.00	\$ 350.00	\$ 11,550.00	\$ 320.00	\$ 10,560.00
25	36" Storm	1305	LF	\$ 75.00	\$ 97,875.00	\$ 110.00	\$ 143,550.00	\$ 77.00	\$ 100,485.00	\$ 140.00	\$ 182,700.00
26	3x8 Reinforced Box Culvert	1098	LF	\$ 400.00	\$ 439,200.00	\$ 520.00	\$ 570,960.00	\$ 455.00	\$ 499,590.00	\$ 500.00	\$ 549,000.00
27	3x12 Reinforced Box Culvert	1460	LF	\$ 575.00	\$ 839,500.00	\$ 715.00	\$ 1,043,900.00	\$ 600.00	\$ 876,000.00	\$ 640.00	\$ 934,400.00
28	Storm Manhole D-6 Mod. (Lateral "Y")	6	EA	\$ 4,500.00	\$ 27,000.00	\$ 5,000.00	\$ 30,000.00	\$ 2,600.00	\$ 15,600.00	\$ 3,000.00	\$ 18,000.00
29	Storm Manhole D-6 (24"Storm & 8"FM)	3	EA	\$ 4,900.00	\$ 14,700.00	\$ 4,500.00	\$ 13,500.00	\$ 2,500.00	\$ 7,500.00	\$ 4,000.00	\$ 12,000.00
30	Storm Manhole (Drain 7 RBC)	5	EA	\$ 2,500.00	\$ 12,500.00	\$ 6,000.00	\$ 30,000.00	\$ 1,500.00	\$ 7,500.00	\$ 800.00	\$ 4,000.00
31	18" Tile Drain	3772	LF	\$ 60.00	\$ 226,320.00	\$ 70.00	\$ 264,040.00	\$ 45.00	\$ 169,740.00	\$ 90.00	\$ 339,480.00
32	Manhole D-6 Mod. (Tile Drain)	4	EA	\$ 3,500.00	\$ 14,000.00	\$ 5,000.00	\$ 20,000.00	\$ 2,200.00	\$ 8,800.00	\$ 3,500.00	\$ 14,000.00
33	Connect to existing tile drain	1	EA	\$ 2,000.00	\$ 2,000.00	\$ 1,000.00	\$ 1,000.00	\$ 2,500.00	\$ 2,500.00	\$ 1,000.00	\$ 1,000.00
34	Headwall @ DS103+41.93	1	LS	\$ 20,000.00	\$ 20,000.00	\$ 34,000.00	\$ 34,000.00	\$ 14,000.00	\$ 14,000.00	\$ 20,000.00	\$ 20,000.00
35	Headwall @ DS117+45.81	1	LS	\$ 6,500.00	\$ 6,500.00	\$ 20,000.00	\$ 20,000.00	\$ 12,500.00	\$ 12,500.00	\$ 15,000.00	\$ 15,000.00
36	Transition (3x8 to 3x12 RBC)	1	LS	\$ 37,000.00	\$ 37,000.00	\$ 45,000.00	\$ 45,000.00	\$ 25,000.00	\$ 25,000.00	\$ 40,000.00	\$ 40,000.00
37	Transition (RCP to RBC)	1	LS	\$ 26,000.00	\$ 26,000.00	\$ 54,000.00	\$ 54,000.00	\$ 21,000.00	\$ 21,000.00	\$ 36,000.00	\$ 36,000.00
38	Connection (RCP to RBC @ DS116+64.52)	1	LS	\$ 3,500.00	\$ 3,500.00	\$ 5,000.00	\$ 5,000.00	\$ 2,200.00	\$ 2,200.00	\$ 5,000.00	\$ 5,000.00
39	Connection (RCP to RBC @ DS117+45.81)	1	LS	\$ 6,000.00	\$ 6,000.00	\$ 3,500.00	\$ 3,500.00	\$ 2,200.00	\$ 2,200.00	\$ 5,000.00	\$ 5,000.00
40	Clay Cutoff Dam	1	LS	\$ 15,000.00	\$ 15,000.00	\$ 12,000.00	\$ 12,000.00	\$ 5,500.00	\$ 5,500.00	\$ 2,000.00	\$ 2,000.00
41	Demobilization and Contract Closeout	1	LS	\$ 6,000.00	\$ 6,000.00	\$ 35,000.00	\$ 35,000.00	\$ 25,000.00	\$ 25,000.00	\$ 20,000.00	\$ 20,000.00
<b>TOTAL BASE BID</b>				<b>\$ 3,275,624.00</b>		<b>\$ 3,322,855.00</b>		<b>\$ 3,386,164.00</b>		<b>\$ 3,388,000.00</b>	