

INDUSTRIAL DRIVE/SPRECKLES ROAD INFRASTRUCTURE IMPROVEMENT PROJECT

ENGINEER'S ESTIMATE \$2,840,000

BID OPENING September 7th, 2005

CONTRACTOR/CITY				TOP GRADE/LIVERMORE		RGW/LIVERMORE		GEORGE REED/MODESTO	
ITEM #	SURFACE IMPROVEMENTS - DESCRIPTION	QTY	UNIT	ITEM COST	TOTAL COST	ITEM COST	TOTAL COST	ITEM COST	TOTAL COST
1	Traffic Handling & Control	1	LS	\$ 230,325.00	\$ 230,325.00	\$ 20,000.00	\$ 20,000.00	\$ 18,000.00	\$ 18,000.00
2	Clearing & Grubbing	1	LS	\$ 5,000.00	\$ 5,000.00	\$ 5,000.00	\$ 5,000.00	\$ 118,000.00	\$ 118,000.00
3	Sawcut Existing AC	720	LF	\$ 1.70	\$ 1,224.00	\$ 1.00	\$ 720.00	\$ 1.60	\$ 1,152.00
4	Sawcut Existing Concrete	106	LF	\$ 5.50	\$ 583.00	\$ 2.00	\$ 212.00	\$ 3.50	\$ 371.00
5	Remove Existing Roadway & Bikepath	35692	SF	\$ 0.35	\$ 12,492.20	\$ 0.75	\$ 26,769.00	\$ 0.50	\$ 17,846.00
6	Remove Existing Concrete Driveway	1502	SF	\$ 1.75	\$ 2,628.50	\$ 4.00	\$ 6,008.00	\$ 3.00	\$ 4,506.00
7	Remove Existing Curb & Gutter	99	LF	\$ 14.00	\$ 1,386.00	\$ 25.00	\$ 2,475.00	\$ 14.00	\$ 1,386.00
8	Remove Existing Timber Barricade	43	LF	\$ 15.00	\$ 645.00	\$ 25.00	\$ 1,075.00	\$ 11.00	\$ 473.00
9	Remove Existing Fence	1250	LF	\$ 2.00	\$ 2,500.00	\$ 5.00	\$ 6,250.00	\$ 6.20	\$ 7,750.00
10	Remove Existing Gates	2	EA	\$ 550.00	\$ 1,100.00	\$ 1,000.00	\$ 2,000.00	\$ 165.00	\$ 330.00
11	Remove Existing Septic System	1	LS	\$ 3,500.00	\$ 3,500.00	\$ 25,000.00	\$ 25,000.00	\$ 2,300.00	\$ 2,300.00
12	Pedestrian Barricades	4	EA	\$ 600.00	\$ 2,400.00	\$ 700.00	\$ 2,800.00	\$ 1,350.00	\$ 5,400.00
13	Roadway Excavation	7500	CY	\$ 19.00	\$ 142,500.00	\$ 33.00	\$ 247,500.00	\$ 43.00	\$ 322,500.00
14	AC (Type B) – 5" thick Roadways & 2 1/2" thick Bikepath	6115	TN	\$ 67.00	\$ 409,705.00	\$ 60.00	\$ 366,900.00	\$ 62.00	\$ 379,130.00
15	CLASS 2 AB Under Roadway, Bikepath and Shoulders	5428	CY	\$ 37.00	\$ 200,836.00	\$ 47.00	\$ 255,116.00	\$ 45.00	\$ 244,260.00
16	Vertical Curb and Gutter	2835	LF	\$ 21.00	\$ 59,535.00	\$ 17.00	\$ 48,195.00	\$ 20.50	\$ 58,117.50
17	Drive Over Curb & Gutter	3131	LF	\$ 18.00	\$ 56,358.00	\$ 14.00	\$ 43,834.00	\$ 21.00	\$ 65,751.00
18	Concrete Landscaping Curb Type A1-6	849	LF	\$ 24.00	\$ 20,376.00	\$ 13.00	\$ 11,037.00	\$ 31.00	\$ 26,319.00
19	Vertical Curb Transition to Drive Over Curb	2	EA	\$ 670.00	\$ 1,340.00	\$ 600.00	\$ 1,200.00	\$ 500.00	\$ 1,000.00
20	Concrete Sidewalks - 4" thick	2307	SF	\$ 5.00	\$ 11,535.00	\$ 3.00	\$ 6,921.00	\$ 7.00	\$ 16,149.00
21	Concrete Flatwork at Median – 4" thick	442	SF	\$ 10.25	\$ 4,530.50	\$ 5.00	\$ 2,210.00	\$ 8.75	\$ 3,867.50
22	Concrete Depressions for Catch Basin	70	SF	\$ 8.00	\$ 560.00	\$ 7.00	\$ 490.00	\$ 11.00	\$ 770.00
23	Residential Driveway Entrance (16' wide)	1	EA	\$ 2,800.00	\$ 2,800.00	\$ 1,600.00	\$ 1,600.00	\$ 2,100.00	\$ 2,100.00
24	Commercial Driveway Entrance (20' wide)	2	EA	\$ 3,500.00	\$ 7,000.00	\$ 2,200.00	\$ 4,400.00	\$ 2,500.00	\$ 5,000.00
25	Construct Concrete Driveway – 6" thick	925	SF	\$ 7.50	\$ 6,937.50	\$ 5.00	\$ 4,625.00	\$ 10.00	\$ 9,250.00
26	Construct Class 2 AB Access Road - 4" thick	1200	SF	\$ 2.00	\$ 2,400.00	\$ 3.00	\$ 3,600.00	\$ 2.30	\$ 2,760.00
27	Monument Box with Frame and Cover Assembly	5	EA	\$ 350.00	\$ 1,750.00	\$ 500.00	\$ 2,500.00	\$ 295.00	\$ 1,475.00
28	Construct Keystone Retaining Wall	75	SF	\$ 110.00	\$ 8,250.00	\$ 75.00	\$ 5,625.00	\$ 80.00	\$ 6,000.00
29	Reset Existing Mailbox	2	EA	\$ 310.00	\$ 620.00	\$ 250.00	\$ 500.00	\$ 330.00	\$ 660.00
30	Steel Pipe Bollards	3	EA	\$ 285.00	\$ 855.00	\$ 300.00	\$ 900.00	\$ 325.00	\$ 975.00
SUB TOTAL # 1					\$ 1,201,671.70		\$ 1,105,462.00		\$ 1,323,598.00

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ENGINEER'S ESTIMATE \$2,840,000

BID OPENING September 7th, 2005

CONTRACTOR/CITY				TOP GRADE/LIVERMORE		RGW/LIVERMORE		GEORGE REED/MODESTO	
ITEM #	WATER IMPROVEMENTS - DESCRIPTION	QTY	UNIT	ITEM COST	TOTAL COST	ITEM COST	TOTAL COST	ITEM COST	TOTAL COST
1	Tie into Existing Main Line	3	EA	\$ 2,200.00	\$ 6,600.00	\$ 5,000.00	\$ 15,000.00	\$ 4,900.00	\$ 14,700.00
2	16" DIP Water Main	1,860	LF	\$ 52.00	\$ 96,720.00	\$ 48.00	\$ 89,280.00	\$ 60.00	\$ 111,600.00
3	12" DIP Water Main	347	LF	\$ 47.00	\$ 16,309.00	\$ 44.00	\$ 15,268.00	\$ 46.50	\$ 16,135.50
4	6" Water Line	64	LF	\$ 33.00	\$ 2,112.00	\$ 50.00	\$ 3,200.00	\$ 38.00	\$ 2,432.00
5	2" Water Line	206	LF	\$ 27.00	\$ 5,562.00	\$ 15.00	\$ 3,090.00	\$ 36.00	\$ 7,416.00
6	1" Water Line	67	LF	\$ 27.00	\$ 1,809.00	\$ 16.00	\$ 1,072.00	\$ 36.00	\$ 2,412.00
7	16" Butterfly Valve	6	EA	\$ 2,900.00	\$ 17,400.00	\$ 4,000.00	\$ 24,000.00	\$ 2,650.00	\$ 15,900.00
8	12" Gate Valve	1	EA	\$ 2,100.00	\$ 2,100.00	\$ 3,000.00	\$ 3,000.00	\$ 1,950.00	\$ 1,950.00
9	6" Gate Valve	4	EA	\$ 850.00	\$ 3,400.00	\$ 1,500.00	\$ 6,000.00	\$ 850.00	\$ 3,400.00
10	2" Gate Valve	4	EA	\$ 575.00	\$ 2,300.00	\$ 1,000.00	\$ 4,000.00	\$ 550.00	\$ 2,200.00
11	1" Gate Valve	1	EA	\$ 360.00	\$ 360.00	\$ 250.00	\$ 250.00	\$ 375.00	\$ 375.00
12	2" Blow Off Assembly	2	EA	\$ 750.00	\$ 1,500.00	\$ 1,000.00	\$ 2,000.00	\$ 700.00	\$ 1,400.00
13	1" Blow Off Assembly	4	EA	\$ 570.00	\$ 2,280.00	\$ 1,000.00	\$ 4,000.00	\$ 650.00	\$ 2,600.00
14	2" Air & Vacuum Release Valve	2	EA	\$ 1,850.00	\$ 3,700.00	\$ 2,000.00	\$ 4,000.00	\$ 2,250.00	\$ 4,500.00
15	Fire Hydrant Assembly	4	EA	\$ 3,200.00	\$ 12,800.00	\$ 3,500.00	\$ 14,000.00	\$ 3,200.00	\$ 12,800.00
16	Relocate Existing Fire Hydrants	1	EA	\$ 850.00	\$ 850.00	\$ 2,500.00	\$ 2,500.00	\$ 1,900.00	\$ 1,900.00
17	Adjust Water Valve Box Frame and Cover to Grade	2	EA	\$ 275.00	\$ 550.00	\$ 250.00	\$ 500.00	\$ 320.00	\$ 640.00
18	Adjust Water Meter, Box, Frame and Cover to Grade	1	EA	\$ 450.00	\$ 450.00	\$ 450.00	\$ 450.00	\$ 320.00	\$ 320.00
19	Adjust / Relocate ARV Valve	3	EA	\$ 740.00	\$ 2,220.00	\$ 1,000.00	\$ 3,000.00	\$ 850.00	\$ 2,550.00
20	Irrigation Service / 2" Meter	1	EA	\$ 2,700.00	\$ 2,700.00	\$ 4,000.00	\$ 4,000.00	\$ 3,750.00	\$ 3,750.00
SUB TOTAL # 2					\$ 181,722.00		\$ 198,610.00		\$ 208,980.50
ITEM #	DRAINAGE IMPROVEMENTS - DESCRIPTION	QTY	UNIT	ITEM COST	TOTAL COST	ITEM COST	TOTAL COST	ITEM COST	TOTAL COST
1	24" SDFM PVC Pressure Pipe	1,878	LF	\$ 80.00	\$ 150,240.00	\$ 90.00	\$ 169,020.00	\$ 93.00	\$ 174,654.00
2	24" RCP Storm Drain	20	LF	\$ 60.00	\$ 1,200.00	\$ 80.00	\$ 1,600.00	\$ 62.00	\$ 1,240.00
3	21" RCP Storm Drain	1,120	LF	\$ 58.00	\$ 64,960.00	\$ 70.00	\$ 78,400.00	\$ 58.00	\$ 64,960.00
4	18" RCP Storm Drain	527	LF	\$ 54.00	\$ 28,458.00	\$ 65.00	\$ 34,255.00	\$ 57.00	\$ 30,039.00
5	15" RCP Storm Drain	259	LF	\$ 50.00	\$ 12,950.00	\$ 60.00	\$ 15,540.00	\$ 54.00	\$ 13,986.00
6	12" RCP Storm Drain	438	LF	\$ 46.00	\$ 20,148.00	\$ 60.00	\$ 26,280.00	\$ 50.00	\$ 21,900.00
7	10" RCP Storm Drain	400	LF	\$ 34.00	\$ 13,600.00	\$ 60.00	\$ 24,000.00	\$ 49.00	\$ 19,600.00
8	24" RCP Storm Drain within Existing Street	491	LF	\$ 68.00	\$ 33,388.00	\$ 200.00	\$ 98,200.00	\$ 94.00	\$ 46,154.00
9	10" RCP Storm Drain within Existing Street	19	LF	\$ 50.00	\$ 950.00	\$ 100.00	\$ 1,900.00	\$ 70.00	\$ 1,330.00
10	48" Storm Drain Manhole	11	EA	\$ 2,500.00	\$ 27,500.00	\$ 5,000.00	\$ 55,000.00	\$ 3,200.00	\$ 35,200.00
11	48" Storm Drain Manhole within Existing street	4	EA	\$ 2,800.00	\$ 11,200.00	\$ 6,000.00	\$ 24,000.00	\$ 4,000.00	\$ 16,000.00
12	72" Storm Drain Manhole	1	EA	\$ 5,700.00	\$ 5,700.00	\$ 8,000.00	\$ 8,000.00	\$ 6,400.00	\$ 6,400.00
13	Storm Drain Plug for 24" SDFM	1	EA	\$ 1,700.00	\$ 1,700.00	\$ 750.00	\$ 750.00	\$ 700.00	\$ 700.00
14	12" Concrete Flared End Section	6	EA	\$ 1,200.00	\$ 7,200.00	\$ 500.00	\$ 3,000.00	\$ 950.00	\$ 5,700.00
15	Vertical Curb Inlet	9	EA	\$ 1,450.00	\$ 13,050.00	\$ 1,500.00	\$ 13,500.00	\$ 1,650.00	\$ 14,850.00
16	Drive Over Catch Basin	4	EA	\$ 1,500.00	\$ 6,000.00	\$ 1,500.00	\$ 6,000.00	\$ 1,100.00	\$ 4,400.00
17	Catch Basin Assembly	3	EA	\$ 1,900.00	\$ 5,700.00	\$ 1,500.00	\$ 4,500.00	\$ 975.00	\$ 2,925.00
18	Rock Slope Protection (Backing #2)	2.4	CY	\$ 210.00	\$ 504.00	\$ 300.00	\$ 720.00	\$ 1,200.00	\$ 2,880.00
19	Remove Existing Field Inlet Catch Basin	2	EA	\$ 900.00	\$ 1,800.00	\$ 1,000.00	\$ 2,000.00	\$ 525.00	\$ 1,050.00
20	Boring and Jacking of 36" Casing for 24" SDFM (By Others)	0	LS	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
21	Road Side Drainage Ditches	1,765	LF	\$ 8.00	\$ 14,120.00	\$ 8.00	\$ 14,120.00	\$ 7.00	\$ 12,355.00
22	Remove Existing 24" SDFM PVC Pressure Pipe	95	LF	\$ 36.00	\$ 3,420.00	\$ 60.00	\$ 5,700.00	\$ 19.00	\$ 1,805.00
SUB TOTAL # 3					\$ 423,788.00		\$ 586,485.00		\$ 478,128.00

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ENGINEER'S ESTIMATE \$2,840,000

BID OPENING September 7th, 2005

CONTRACTOR/CITY				TOP GRADE/LIVERMORE		RGW/LIVERMORE		GEORGE REED/MODESTO	
ITEM #	SEWER IMPROVEMENTS - DESCRIPTION	QTY	UNIT	ITEM COST	TOTAL COST	ITEM COST	TOTAL COST	ITEM COST	TOTAL COST
1	18" VCP Sewer Pipe	806	LF	\$ 150.00	\$ 120,900.00	\$ 100.00	\$ 80,600.00	\$ 235.00	\$ 189,410.00
2	10" PVC Sewer Pipe	1,659	LF	\$ 115.00	\$ 190,785.00	\$ 60.00	\$ 99,540.00	\$ 65.00	\$ 107,835.00
3	6" PVC Sewer Service Lateral	200	LF	\$ 109.00	\$ 21,800.00	\$ 45.00	\$ 9,000.00	\$ 37.00	\$ 7,400.00
4	18" VCP Sewer Pipe within Existing Street	36	LF	\$ 145.00	\$ 5,220.00	\$ 200.00	\$ 7,200.00	\$ 260.00	\$ 9,360.00
5	Remove Existing 12" SSFM	110	LF	\$ 53.00	\$ 5,830.00	\$ 40.00	\$ 4,400.00	\$ 19.00	\$ 2,090.00
6	12" PVC Sewer Force Main Pipe	612	LF	\$ 123.00	\$ 75,276.00	\$ 30.00	\$ 18,360.00	\$ 64.00	\$ 39,168.00
7	Tie into Existing 12" Sewer Force Main	2	EA	\$ 700.00	\$ 1,400.00	\$ 2,000.00	\$ 4,000.00	\$ 2,150.00	\$ 4,300.00
8	48" Sewer Manhole	11	EA	\$ 3,100.00	\$ 34,100.00	\$ 6,000.00	\$ 66,000.00	\$ 3,400.00	\$ 37,400.00
9	48" Sealed Sewer Manhole for SSFM	1	EA	\$ 6,600.00	\$ 6,600.00	\$ 2,500.00	\$ 2,500.00	\$ 4,300.00	\$ 4,300.00
10	Tie into Existing 18" Sewer Line	1	EA	\$ 3,200.00	\$ 3,200.00	\$ 5,000.00	\$ 5,000.00	\$ 2,150.00	\$ 2,150.00
11	Sewer Plug	1	EA	\$ 1,100.00	\$ 1,100.00	\$ 500.00	\$ 500.00	\$ 525.00	\$ 525.00
12	Boring and Jacking of 32" Casing for 18" VCP SS	1	LS	\$ 132,000.00	\$ 132,000.00	\$ 90,000.00	\$ 90,000.00	\$ 130,000.00	\$ 130,000.00
13	Adjust Existing Sewer Manhole to Grade	2	EA	\$ 400.00	\$ 800.00	\$ 500.00	\$ 1,000.00	\$ 525.00	\$ 1,050.00
14	Sewer Testing	1	LS	\$ 4,100.00	\$ 4,100.00	\$ 15,000.00	\$ 15,000.00	\$ 12,750.00	\$ 12,750.00
SUB TOTAL # 4					\$ 603,111.00		\$ 403,100.00		\$ 547,738.00
ITEM #	ELECTRICAL IMPROVEMENTS - DESCRIPTION	QTY	UNIT	ITEM COST	TOTAL COST	ITEM COST	TOTAL COST	ITEM COST	TOTAL COST
1	Traffic Signal	1	LS	\$ 220,000.00	\$ 220,000.00	\$ 200,000.00	\$ 200,000.00	\$ 225,000.00	\$ 225,000.00
2	Traffic Signal Interconnect System	1	LS	\$ 19,500.00	\$ 19,500.00	\$ 9,000.00	\$ 9,000.00	\$ 31,000.00	\$ 31,000.00
3	Boring and Jacking of 24" Casing for Miscellaneous Conduits	1	LS	\$ 36,000.00	\$ 36,000.00	\$ 88,000.00	\$ 88,000.00	\$ 65,000.00	\$ 65,000.00
4	Streetlights	13	EA	\$ 3,800.00	\$ 49,400.00	\$ 3,000.00	\$ 39,000.00	\$ 4,100.00	\$ 53,300.00
5	Streetlight Underground Conduit System	1	LS	\$ 32,000.00	\$ 32,000.00	\$ 29,000.00	\$ 29,000.00	\$ 23,000.00	\$ 23,000.00
6	Street Light Service Pedestal	1	LS	\$ 7,200.00	\$ 7,200.00	\$ 6,000.00	\$ 6,000.00	\$ 3,850.00	\$ 3,850.00
7	Irrigation Service Pedestal	1	LS	\$ 6,300.00	\$ 6,300.00	\$ 6,000.00	\$ 6,000.00	\$ 3,850.00	\$ 3,850.00
8	Pipe Sleeves For Irrigation and Power	309	LF	\$ 22.00	\$ 6,798.00	\$ 40.00	\$ 12,360.00	\$ 58.00	\$ 17,922.00
SUB TOTAL # 5					\$ 377,198.00		\$ 389,360.00		\$ 422,922.00
ITEM #	STRIPING & SIGNAGE IMPROVEMENTS - DESCRIPTION	QTY	UNIT	ITEM COST	TOTAL COST	ITEM COST	TOTAL COST	ITEM COST	TOTAL COST
1	Painted Traffic Detail 27B	470	LF	\$ 0.75	\$ 352.50	\$ 1.00	\$ 470.00	\$ 0.80	\$ 376.00
2	Painted Traffic Detail 39	2,950	LF	\$ 1.00	\$ 2,950.00	\$ 1.00	\$ 2,950.00	\$ 1.05	\$ 3,097.50
3	Painted 4" Wide Yellow Bike Lane Solid Stripe	176	LF	\$ 1.25	\$ 220.00	\$ 2.00	\$ 352.00	\$ 1.30	\$ 228.80
4	Painted 4" Wide Yellow Bike Lane Dashed Stripe	1,131	LF	\$ 1.00	\$ 1,131.00	\$ 1.00	\$ 1,131.00	\$ 1.05	\$ 1,187.55
5	Painted 4" Wide Barrier Post Striping	90	LF	\$ 5.00	\$ 450.00	\$ 5.00	\$ 450.00	\$ 5.30	\$ 477.00
6	Thermoplastic Crosswalks and Pavement Marking	3,262	SF	\$ 2.50	\$ 8,155.00	\$ 3.00	\$ 9,786.00	\$ 2.75	\$ 8,970.50
7	Bikepath Lockable Bollards	4	EA	\$ 450.00	\$ 1,800.00	\$ 500.00	\$ 2,000.00	\$ 475.00	\$ 1,900.00
8	Type "A" Non-Reflective White Markers	568	EA	\$ 2.00	\$ 1,136.00	\$ 2.00	\$ 1,136.00	\$ 2.10	\$ 1,192.80
9	Type "AY" Non-Reflective Yellow Markers	1,611	EA	\$ 2.00	\$ 3,222.00	\$ 2.00	\$ 3,222.00	\$ 2.10	\$ 3,383.10
10	Type "D" Two-Way Yellow Reflective Markers	340	EA	\$ 4.00	\$ 1,360.00	\$ 4.00	\$ 1,360.00	\$ 4.20	\$ 1,428.00
11	Type "G" One-Way Clear Reflective Markers	109	EA	\$ 4.00	\$ 436.00	\$ 4.00	\$ 436.00	\$ 4.20	\$ 457.80
12	Remove Traffic Stripes	1,180	LF	\$ 2.00	\$ 2,360.00	\$ 2.00	\$ 2,360.00	\$ 2.10	\$ 2,478.00
13	Remove Pavement Markings	120	SF	\$ 3.00	\$ 360.00	\$ 3.00	\$ 360.00	\$ 3.25	\$ 390.00
14	Roadside Sign - One Post - One Sign	13	EA	\$ 190.00	\$ 2,470.00	\$ 250.00	\$ 3,250.00	\$ 200.00	\$ 2,600.00
15	Roadside Sign - One Post - Two Signs	5	EA	\$ 240.00	\$ 1,200.00	\$ 300.00	\$ 1,500.00	\$ 250.00	\$ 1,250.00
16	Roadside Sign Mounted on Electrolier/Signal Pole	21	EA	\$ 166.00	\$ 3,486.00	\$ 250.00	\$ 5,250.00	\$ 175.00	\$ 3,675.00
17	Tidewater Bikeway and Guideline Sign	2	EA	\$ 400.00	\$ 800.00	\$ 400.00	\$ 800.00	\$ 425.00	\$ 850.00
18	Remove Roadside Sign	4	EA	\$ 75.00	\$ 300.00	\$ 100.00	\$ 400.00	\$ 80.00	\$ 320.00
19	Relocate Roadside Sign	3	EA	\$ 150.00	\$ 450.00	\$ 150.00	\$ 450.00	\$ 160.00	\$ 480.00
20	Type K-3 Object Markers	8	EA	\$ 75.00	\$ 600.00	\$ 75.00	\$ 600.00	\$ 80.00	\$ 640.00
21	Type N-2 Object Markers For Sidewalk Barricade	6	EA	\$ 75.00	\$ 450.00	\$ 75.00	\$ 450.00	\$ 80.00	\$ 480.00
SUB TOTAL # 6					\$ 33,688.50		\$ 38,713.00		\$ 35,862.05

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ENGINEER'S ESTIMATE \$2,840,000

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CONTRACTOR/CITY				TOP GRADE/LIVERMORE		RGW/LIVERMORE		GEORGE REED/MODESTO	
ITEM #	EROSION CONTROL - DESCRIPTION	QTY	UNIT	ITEM COST	TOTAL COST	ITEM COST	TOTAL COST	ITEM COST	TOTAL COST
1	Erosion Control (Type "D")	94,590	SF	\$ 0.08	\$ 7,567.20	\$ 0.10	\$ 9,459.00	\$ 0.20	\$ 18,918.00
2	Storm Drain Inlet Protection for DI's	14	EA	\$ 320.00	\$ 4,480.00	\$ 150.00	\$ 2,100.00	\$ 36.00	\$ 504.00
3	Sediment Barrier at Toe of Slopes	4,635	LF	\$ 3.50	\$ 16,222.50	\$ 3.00	\$ 13,905.00	\$ 1.75	\$ 8,111.25
4	Sediment Barrier at Drainage FES Inlets	6	EA	\$ 365.00	\$ 2,190.00	\$ 200.00	\$ 1,200.00	\$ 60.00	\$ 360.00
SUB TOTAL # 7					\$ 30,459.70		\$ 26,664.00		\$ 27,893.25
ITEM #	AGRICULTURAL IRRIGATION - DESCRIPTION	QTY	UNIT	ITEM COST	TOTAL COST	ITEM COST	TOTAL COST	ITEM COST	TOTAL COST
1	48" RCP - RG Irrigation Line	788	LF	\$ 135.00	\$ 106,380.00	\$ 200.00	\$ 157,600.00	\$ 155.00	\$ 122,140.00
2	36" RCP - RG Irrigation Line	876	LF	\$ 100.00	\$ 87,600.00	\$ 175.00	\$ 153,300.00	\$ 125.00	\$ 109,500.00
3	Tie into existing Irrigation Control Box	1	EA	\$ 6,000.00	\$ 6,000.00	\$ 5,000.00	\$ 5,000.00	\$ 7,000.00	\$ 7,000.00
4	Reinforced Concrete Junction Box #1	1	EA	\$ 45,000.00	\$ 45,000.00	\$ 50,000.00	\$ 50,000.00	\$ 38,000.00	\$ 38,000.00
5	Reinforced Concrete Junction Box #2	1	EA	\$ 45,000.00	\$ 45,000.00	\$ 50,000.00	\$ 50,000.00	\$ 38,500.00	\$ 38,500.00
6	Locating Wire Station	3	EA	\$ 500.00	\$ 1,500.00	\$ 300.00	\$ 900.00	\$ 325.00	\$ 975.00
7	Irrigation Gate "U" Structure - 30" Size	5	EA	\$ 10,200.00	\$ 51,000.00	\$ 5,000.00	\$ 25,000.00	\$ 8,100.00	\$ 40,500.00
8	Angle Pipe Joint Collar	4	EA	\$ 2,900.00	\$ 11,600.00	\$ 5,000.00	\$ 20,000.00	\$ 3,200.00	\$ 12,800.00
9	Doubled Mitered Angle Pipe Joint Collar	2	EA	\$ 4,000.00	\$ 8,000.00	\$ 7,000.00	\$ 14,000.00	\$ 4,300.00	\$ 8,600.00
10	Concrete Collar for Large Diameter Pipe	2	EA	\$ 4,000.00	\$ 8,000.00	\$ 1,500.00	\$ 3,000.00	\$ 4,800.00	\$ 9,600.00
11	Pipe Plug Detail	2	EA	\$ 4,500.00	\$ 9,000.00	\$ 1,000.00	\$ 2,000.00	\$ 3,750.00	\$ 7,500.00
12	30" RCP Access and Air Vents	1	EA	\$ 2,050.00	\$ 2,050.00	\$ 3,500.00	\$ 3,500.00	\$ 1,700.00	\$ 1,700.00
13	12" Steel Air Vents	5	EA	\$ 1,500.00	\$ 7,500.00	\$ 1,500.00	\$ 7,500.00	\$ 1,100.00	\$ 5,500.00
14	Plug Existing Concrete Irrigation Service	1	EA	\$ 4,700.00	\$ 4,700.00	\$ 1,500.00	\$ 1,500.00	\$ 950.00	\$ 950.00
15	Remove Existing Service and Plug	3	EA	\$ 1,600.00	\$ 4,800.00	\$ 2,500.00	\$ 7,500.00	\$ 800.00	\$ 2,400.00
16	Remove Existing Access and Air Vents	2	EA	\$ 700.00	\$ 1,400.00	\$ 1,500.00	\$ 3,000.00	\$ 375.00	\$ 750.00
17	Remove Existing 48" CIP Irrigation Pipe	804	LF	\$ 17.00	\$ 13,668.00	\$ 25.00	\$ 20,100.00	\$ 19.00	\$ 15,276.00
18	Class C Concrete Slurry Backfill under Irrigation Line	5	CY	\$ 680.00	\$ 3,400.00	\$ 500.00	\$ 2,500.00	\$ 400.00	\$ 2,000.00
SUB TOTAL # 9					\$ 416,598.00		\$ 526,400.00		\$ 423,691.00
ITEM #	LANDSCAPE & IRRIGATION - DESCRIPTION	QTY	UNIT	ITEM COST	TOTAL COST	ITEM COST	TOTAL COST	ITEM COST	TOTAL COST
1	Soil Preparation / Finish Grading	1	LS	\$ 3,000.00	\$ 3,000.00	\$ 4,000.00	\$ 4,000.00	\$ 4,100.00	\$ 4,100.00
2	Tree Bark Mulch	38	CY	\$ 65.00	\$ 2,470.00	\$ 120.00	\$ 4,560.00	\$ 120.00	\$ 4,560.00
3	Irrigation System	1	LS	\$ 46,000.00	\$ 46,000.00	\$ 35,000.00	\$ 35,000.00	\$ 47,000.00	\$ 47,000.00
4	24" Box Tree	6	EA	\$ 375.00	\$ 2,250.00	\$ 357.00	\$ 2,142.00	\$ 430.00	\$ 2,580.00
5	15-Gallon Tree	22	EA	\$ 200.00	\$ 4,400.00	\$ 173.00	\$ 3,806.00	\$ 225.00	\$ 4,950.00
6	5-Gallon Shrub	148	EA	\$ 31.00	\$ 4,588.00	\$ 25.00	\$ 3,700.00	\$ 32.00	\$ 4,736.00
7	1-Gallon Shrub / Ground Cover	1,040	EA	\$ 11.00	\$ 11,440.00	\$ 12.00	\$ 12,480.00	\$ 13.00	\$ 13,520.00
8	2" Backflow Prevention Assembly	1	EA	\$ 1,600.00	\$ 1,600.00	\$ 2,000.00	\$ 2,000.00	\$ 1,300.00	\$ 1,300.00
9	Landscape Maintenance	1	LS	\$ 460.00	\$ 460.00	\$ 8,000.00	\$ 8,000.00	\$ 15,000.00	\$ 15,000.00
SUB TOTAL # 10					\$ 76,208.00		\$ 75,688.00		\$ 97,746.00
TOTAL OF SUB TOTAL #1 - #10					\$ 3,344,444.90		\$ 3,350,482.00		\$ 3,566,558.80

LIST OF SUBCONTRACTORS

The following information is furnished relative to each subcontractor who will perform work or labor or render services to the undersigned in and about the construction of the project in the amount in excess of one-half of one percent (0.5%) of the total amount of the bid or \$10,000.00, whichever is greater.

The undersigned agrees that any portion of the work in excess of one-half of one percent (0.5%) of the total amount of this bid or \$10,000.00, whichever is greater, and for which no subcontractor is designated herein, will be performed by the undersigned.

NAME & ADDRESS OF SUBCONTRACTOR	SUBCONTRACTOR LICENSE NO.	% OF TOTAL CONTRACT	WORK TO BE PERFORMED
<u>HEIM BROS / MARTINEZ</u>	<u>662411</u>	<u>1.5%</u>	<u>DEMO / CLEARING</u>
<u>TENNYSON ELECTRIC / Livermore</u>	<u>717998</u>	<u>10.3%</u>	<u>Electrical (Partial)</u> <u>RF Erosion Control (Partial)</u>
<u>Amerine Systems Inc / Oakland</u>	<u>493203</u>	<u>2%</u>	<u>Landscaping</u>
<u>Nor-Cal Concrete / Suisun</u>	<u>271483</u>	<u>3.8%</u>	<u>Concrete</u>
<u>Chrissp Co. / Fremont</u>	<u>374608</u>	<u>1%</u>	<u>Striping</u>
<u>D.A. Wood Construction / Empire</u>	<u>816079</u>	<u>44.5%</u>	<u>Underground</u>
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____
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NAME & ADDRESS OF SUBCONTRACTOR	SUBCONTRACTOR LICENSE NO.	% OF TOTAL CONTRACT	WORK TO BE PERFORMED
Viking Drillers - ^{West} Sacto.	476668	1.33%	De-Watering
mw Brown + Foster - Livermore	702575	8.6%	Electrical
Soil Enterprises - Brentwood	549900	1.28%	Clearing
Chrisp Co. - Fremont	374600	1.15%	Striping/Signs
mw Green Growth - Pleasanton	662718	2.25%	Landscaping
NorCal Concrete - Suisun	271483	3.6%	Concrete
Pacific Boring - Caruthers	553794	2.9%	Bore + Jack
mw _____	_____	_____	_____
Amerine - Oakdale	493203	1.9%	Landscaping
St. Francis - San Leandro	_____	8.6%	Electrical
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____

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	NAME & ADDRESS OF SUBCONTRACTOR	SUBCONTRACTOR LICENSE NO.	% OF TOTAL CONTRACT	WORK TO BE PERFORMED
1)	Allen + Sons Constr., Inc. French Camp, CA	381296	2.2%	Concrete (Partial)
2)	Chrisp Company Fremont, CA	374600	.90%	Striping + Signage
3)	Preston Pipelines, Inc. Lathrop, CA	367660	42.9%	Underground
4)	Odyssey Landscape Co. Stockton, CA	774370	.70%	Erosion Control
5)	Grover Landscape Serv. Modesto, CA	333345		Landscape + Irrigation
6)	JENSEN CORPORATION COOPERTINO, CA	259540	2.5%	LANDSCAPE + IRRIGATION
7)	PACIFIC EXCAVATION ELK GROVE, CA	694400	9%	Electrical