

# WOODWARD AVENUE SEWER STORM DRAIN IMPROVEMENT PROJECT

ENGINEER ESTIMATE \$9,600,000

FEBRUARY 17, 2011

CONTRACTOR/CITY				FLOYD JOHNSTON CLOVIS		MARQUEZ PIPELINES SACRAMENTO		EMMET'S EXCAVATION CLOVIS	
ITEM #	DESCRIPTION	QTY	UNIT	ITEM COST	TOTAL COST	ITEM COST	TOTAL COST	ITEM COST	TOTAL COST
1	Mobilization	1	LS	\$ 244,000.00	\$ 244,000.00	\$ 400,000.00	\$ 400,000.00	\$ 250,000.00	\$ 250,000.00
2	Construction Dewatering; Permitting; Pumping and Disposal	1	LS	\$ 1,026,500.00	\$ 1,026,500.00	\$ 575,000.00	\$ 575,000.00	\$ 900,000.00	\$ 900,000.00
3	Site Demolition, including Paving, Concrete, Structures, and Piping	1	LS	\$ 297,430.00	\$ 297,430.00	\$ 50,000.00	\$ 50,000.00	\$ 80,000.00	\$ 80,000.00
4	Grading, Excavation and Site Preparation – Complete	1	LS	\$ 167,900.00	\$ 167,900.00	\$ 175,000.00	\$ 175,000.00	\$ 150,000.00	\$ 150,000.00
5	36-inch VCP Gravity Sewer	8,435	LF	\$ 173.00	\$ 1,459,255.00	\$ 212.00	\$ 1,788,220.00	\$ 235.00	\$ 1,982,225.00
6	30-inch VCP Gravity Sewer	5,251	LF	\$ 137.50	\$ 722,012.50	\$ 176.00	\$ 924,176.00	\$ 177.00	\$ 929,427.00
7	18-inch PVC Gravity Sewer	30	LF	\$ 118.00	\$ 3,540.00	\$ 215.00	\$ 6,450.00	\$ 230.00	\$ 6,900.00
8	15-inch PVC Gravity Sewer	30	LF	\$ 129.00	\$ 3,870.00	\$ 200.00	\$ 6,000.00	\$ 210.00	\$ 6,300.00
9	12-inch PVC Gravity Sewer	50	LF	\$ 107.00	\$ 5,350.00	\$ 185.00	\$ 9,250.00	\$ 190.00	\$ 9,500.00
10	8-inch PVC Gravity Sewer	100	LF	\$ 101.00	\$ 10,100.00	\$ 160.00	\$ 16,000.00	\$ 150.00	\$ 15,000.00
11	SS Saddle Manhole per Detail 2 Sheet 4 (PVC lined or Hydro-pox sprayed)	11	EA	\$ 14,900.00	\$ 163,900.00	\$ 12,950.00	\$ 142,450.00	\$ 13,000.00	\$ 143,000.00
12	SS Junction Manhole per Detail-3, Sheet 4 (PVC lined or Hydro-pox sprayed)	5	EA	\$ 22,000.00	\$ 110,000.00	\$ 23,500.00	\$ 117,500.00	\$ 24,000.00	\$ 120,000.00
13	SS Manhole per Std. Detail S-3 (PVC lined or Hydro-pox sprayed)	13	EA	\$ 8,850.00	\$ 115,050.00	\$ 9,650.00	\$ 125,450.00	\$ 8,000.00	\$ 104,000.00
14	Connect to Existing Sewer	4	EA	\$ 1,160.00	\$ 4,640.00	\$ 5,000.00	\$ 20,000.00	\$ 3,000.00	\$ 12,000.00
15	Sewer Fly Line Stub (PVC)	14	EA	\$ 513.00	\$ 7,182.00	\$ 1,750.00	\$ 24,500.00	\$ 2,000.00	\$ 28,000.00
16	Sewer Lift Station (PVC lined or Hydro-pox sprayed)	1	LS	\$ 136,500.00	\$ 136,500.00	\$ 125,000.00	\$ 125,000.00	\$ 125,000.00	\$ 125,000.00
17	Sewer Trench Dam	26	EA	\$ 1,030.00	\$ 26,780.00	\$ 1,750.00	\$ 45,500.00	\$ 1,500.00	\$ 39,000.00
18	12-inch PVC C-900 DR-18 Sewer Force Main	1,037	LF	\$ 43.50	\$ 45,109.50	\$ 54.00	\$ 55,998.00	\$ 66.00	\$ 68,442.00
19	12-inch PVC C-900 DR-18 Wastewater Force Main	1,010	LF	\$ 41.50	\$ 41,915.00	\$ 44.00	\$ 44,440.00	\$ 40.00	\$ 40,400.00
20	10-inch PVC C-900 DR-18 Sewer Force Main	30	LF	\$ 71.00	\$ 2,130.00	\$ 120.00	\$ 3,600.00	\$ 77.00	\$ 2,310.00
21	8-inch PVC C-900 DR-18 Sewer Force Main	25	LF	\$ 70.00	\$ 1,750.00	\$ 110.00	\$ 2,750.00	\$ 47.00	\$ 1,175.00
22	4-inch PVC C-900 DR-18 Sewer Force Main	741	LF	\$ 21.00	\$ 15,561.00	\$ 40.00	\$ 29,640.00	\$ 25.00	\$ 18,525.00
23	4-inch Sewer Force Main Valve	2	EA	\$ 1,225.00	\$ 2,450.00	\$ 1,350.00	\$ 2,700.00	\$ 1,300.00	\$ 2,600.00
24	12-inch Sewer Force Main Valve	2	EA	\$ 4,100.00	\$ 8,200.00	\$ 2,650.00	\$ 5,300.00	\$ 3,800.00	\$ 7,600.00
25	48-inch RCP Storm Drain	69	LF	\$ 180.00	\$ 12,420.00	\$ 180.00	\$ 12,420.00	\$ 160.00	\$ 11,040.00



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ENGINEER ESTIMATE \$9,600,000

FEBRUARY 17, 2011

CONTRACTOR/CITY				FLOYD JOHNSTON CLOVIS		MARQUEZ PIPELINES SACRAMENTO		EMMET'S EXCAVATION CLOVIS	
58	Reset all Removed Centerline Monuments	12	EA	\$ 250.00	\$ 3,000.00	\$ 450.00	\$ 5,400.00	\$ 900.00	\$ 10,800.00
59	Striping	1	LS	\$ 28,850.00	\$ 28,850.00	\$ 60,000.00	\$ 60,000.00	\$ 44,000.00	\$ 44,000.00
60	Median Curb per City Std. ST-34 (Detail A-2)	6610	LF	\$ 15.00	\$ 99,150.00	\$ 13.50	\$ 89,235.00	\$ 12.00	\$ 79,320.00
61	3" Irrigation Sleeves	32	EA	\$ 235.00	\$ 7,520.00	\$ 350.00	\$ 11,200.00	\$ 400.00	\$ 12,800.00
62	Reconstruct Gated Entrance Feature at APN 224-021-31 (approximately station 134+40)	1	LS	\$ 14,550.00	\$ 14,550.00	\$ 25,000.00	\$ 25,000.00	\$ 25,000.00	\$ 25,000.00
63	Fence Replacement	950	LF	\$ 26.00	\$ 24,700.00	\$ 25.00	\$ 23,750.00	\$ 26.00	\$ 24,700.00
64	Driveway Restoration	69	EA	\$ 300.00	\$ 20,700.00	\$ 375.00	\$ 25,875.00	\$ 500.00	\$ 34,500.00
65	Planter Preparation & Weed Control	1	LS	\$ 16,000.00	\$ 16,000.00	\$ 12,500.00	\$ 12,500.00	\$ 16,500.00	\$ 16,500.00
66	Irrigation System	1	LS	\$ 24,440.00	\$ 24,440.00	\$ 25,000.00	\$ 25,000.00	\$ 26,000.00	\$ 26,000.00
67	15 Gallon Tree (include 10 fertilizer tabs and 9-ft stakes)	146	EA	\$ 130.00	\$ 18,980.00	\$ 120.00	\$ 17,520.00	\$ 95.00	\$ 13,870.00
68	Arbor Mulch Top Dressing (3" layer)	322	CY	\$ 45.00	\$ 14,490.00	\$ 50.00	\$ 16,100.00	\$ 56.00	\$ 18,032.00
69	2-inch Water Service	10	EA	\$ 1,425.00	\$ 14,250.00	\$ 2,350.00	\$ 23,500.00	\$ 1,800.00	\$ 18,000.00
70	2" Backflow Assembly, Concrete Pad & Enclosure (per Detail)	10	EA	\$ 1,755.00	\$ 17,550.00	\$ 1,950.00	\$ 19,500.00	\$ 2,600.00	\$ 26,000.00
71	90 day Maintenance Period	1	LS	\$ 1,275.00	\$ 1,275.00	\$ 2,500.00	\$ 2,500.00	\$ 3,000.00	\$ 3,000.00
72	Sheeting, Shoring & Bracing	1	LS	\$ 90,000.00	\$ 90,000.00	\$ 75,000.00	\$ 75,000.00	\$ 90,000.00	\$ 90,000.00
73	Traffic Control	1	LS	\$ 96,000.00	\$ 96,000.00	\$ 15,000.00	\$ 15,000.00	\$ 50,000.00	\$ 50,000.00
74	SWPP Compliance	1	LS	\$ 16,460.00	\$ 16,460.00	\$ 30,000.00	\$ 30,000.00	\$ 10,000.00	\$ 10,000.00
75	Demobilization & Contract Closeout	1	LS	\$ 29,300.00	\$ 29,300.00	\$ 12,500.00	\$ 12,500.00	\$ 20,000.00	\$ 20,000.00
<b>TOTAL BID</b>					\$ 8,997,565.60		\$ 9,377,747.00		\$ 9,642,123.00

# WOODWARD AVENUE SEWER STORM DRAIN IMPROVEMENT PROJECT

ENGINEER ESTIMATE \$9,600,000

FEBRUARY 17, 2011

CONTRACTOR/CITY				PRESTON PIPELINE LATHROP		KNIFE RIVER STOCKTON		RANGER PIPELINES SAN FRANCISCO	
ITEM #	DESCRIPTION	QTY	UNIT	ITEM COST	TOTAL COST	ITEM COST	TOTAL COST	ITEM COST	TOTAL COST
1	Mobilization	1	LS	\$ 240,000.00	\$ 240,000.00	\$ 245,000.00	\$ 245,000.00	\$ 290,000.00	\$ 290,000.00
2	Construction Dewatering; Permitting; Pumping and Disposal	1	LS	\$ 950,000.00	\$ 950,000.00	\$ 1,329,000.00	\$ 1,329,000.00	\$ 247,250.00	\$ 247,250.00
3	Site Demolition, including Paving, Concrete, Structures, and Piping	1	LS	\$ 125,000.00	\$ 125,000.00	\$ 165,000.00	\$ 165,000.00	\$ 77,300.00	\$ 77,300.00
4	Grading, Excavation and Site Preparation – Complete	1	LS	\$ 225,000.00	\$ 225,000.00	\$ 190,000.00	\$ 190,000.00	\$ 168,300.00	\$ 168,300.00
5	36-inch VCP Gravity Sewer	8,435	LF	\$ 242.00	\$ 2,041,270.00	\$ 256.00	\$ 2,159,360.00	\$ 341.00	\$ 2,876,335.00
6	30-inch VCP Gravity Sewer	5,251	LF	\$ 165.00	\$ 866,415.00	\$ 202.00	\$ 1,060,702.00	\$ 316.00	\$ 1,659,316.00
7	18-inch PVC Gravity Sewer	30	LF	\$ 225.00	\$ 6,750.00	\$ 79.00	\$ 2,370.00	\$ 280.00	\$ 8,400.00
8	15-inch PVC Gravity Sewer	30	LF	\$ 215.00	\$ 6,450.00	\$ 66.00	\$ 1,980.00	\$ 270.00	\$ 8,100.00
9	12-inch PVC Gravity Sewer	50	LF	\$ 130.00	\$ 6,500.00	\$ 65.00	\$ 3,250.00	\$ 260.00	\$ 13,000.00
10	8-inch PVC Gravity Sewer	100	LF	\$ 125.00	\$ 12,500.00	\$ 46.00	\$ 4,600.00	\$ 185.00	\$ 18,500.00
11	SS Saddle Manhole per Detail 2 Sheet 4 (PVC lined or Hydro-pox sprayed)	11	EA	\$ 10,500.00	\$ 115,500.00	\$ 10,700.00	\$ 117,700.00	\$ 12,032.00	\$ 132,352.00
12	SS Junction Manhole per Detail-3, Sheet 4 (PVC lined or Hydro-pox sprayed)	5	EA	\$ 21,500.00	\$ 107,500.00	\$ 16,000.00	\$ 80,000.00	\$ 16,300.00	\$ 81,500.00
13	SS Manhole per Std. Detail S-3 (PVC lined or Hydro-pox sprayed)	13	EA	\$ 7,500.00	\$ 97,500.00	\$ 4,000.00	\$ 52,000.00	\$ 9,500.00	\$ 123,500.00
14	Connect to Existing Sewer	4	EA	\$ 2,500.00	\$ 10,000.00	\$ 2,000.00	\$ 8,000.00	\$ 1,000.00	\$ 4,000.00
15	Sewer Fly Line Stub (PVC)	14	EA	\$ 2,400.00	\$ 33,600.00	\$ 225.00	\$ 3,150.00	\$ 1,200.00	\$ 16,800.00
16	Sewer Lift Station (PVC lined or Hydro- pox sprayed)	1	LS	\$ 139,000.00	\$ 139,000.00	\$ 105,000.00	\$ 105,000.00	\$ 130,000.00	\$ 130,000.00
17	Sewer Trench Dam	26	EA	\$ 1,500.00	\$ 39,000.00	\$ 500.00	\$ 13,000.00	\$ 500.00	\$ 13,000.00
18	12-inch PVC C-900 DR-18 Sewer Force Main	1,037	LF	\$ 63.00	\$ 65,331.00	\$ 28.00	\$ 29,036.00	\$ 45.00	\$ 46,665.00
19	12-inch PVC C-900 DR-18 Wastewater Force Main	1,010	LF	\$ 35.00	\$ 35,350.00	\$ 28.00	\$ 28,280.00	\$ 40.00	\$ 40,400.00
20	10-inch PVC C-900 DR-18 Sewer Force Main	30	LF	\$ 50.00	\$ 1,500.00	\$ 85.00	\$ 2,550.00	\$ 60.00	\$ 1,800.00
21	8-inch PVC C-900 DR-18 Sewer Force Main	25	LF	\$ 35.00	\$ 875.00	\$ 35.00	\$ 875.00	\$ 200.00	\$ 5,000.00
22	4-inch PVC C-900 DR-18 Sewer Force Main	741	LF	\$ 50.00	\$ 37,050.00	\$ 16.00	\$ 11,856.00	\$ 65.00	\$ 48,165.00
23	4-inch Sewer Force Main Valve	2	EA	\$ 950.00	\$ 1,900.00	\$ 900.00	\$ 1,800.00	\$ 700.00	\$ 1,400.00
24	12-inch Sewer Force Main Valve	2	EA	\$ 2,250.00	\$ 4,500.00	\$ 2,300.00	\$ 4,600.00	\$ 1,940.00	\$ 3,880.00
25	48-inch RCP Storm Drain	69	LF	\$ 200.00	\$ 13,800.00	\$ 166.00	\$ 11,454.00	\$ 220.00	\$ 15,180.00

# WOODWARD AVENUE SEWER STORM DRAIN IMPROVEMENT PROJECT

ENGINEER ESTIMATE \$9,600,000

FEBRUARY 17, 2011

CONTRACTOR/CITY				PRESTON PIPELINE LATHROP		KNIFE RIVER STOCKTON		RANGER PIPELINES SAN FRANCISCO	
26	54-inch RCP Storm Drain	9,828	LF	\$ 217.00	\$ 2,132,676.00	\$ 219.00	\$ 2,152,332.00	\$ 240.00	\$ 2,358,720.00
27	SD Saddle Manhole per Detail 'T' Storm Drain Saddle MH	26	EA	\$ 5,400.00	\$ 140,400.00	\$ 4,200.00	\$ 109,200.00	\$ 12,300.00	\$ 319,800.00
28	<del>Junction Manhole (Storm)</del>	0	EA	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
29	54" 45° Pre-fabricated Pipe Joint	7	EA	\$ 4,500.00	\$ 31,500.00	\$ 2,800.00	\$ 19,600.00	\$ 3,250.00	\$ 22,750.00
30	Storm Drain Lift Station	1	EA	\$ 154,000.00	\$ 154,000.00	\$ 135,000.00	\$ 135,000.00	\$ 160,000.00	\$ 160,000.00
31	Storm Drain Trench Dam	11	EA	\$ 1,600.00	\$ 17,600.00	\$ 550.00	\$ 6,050.00	\$ 750.00	\$ 8,250.00
32	6" Storm Drain Force Main	28	LF	\$ 100.00	\$ 2,800.00	\$ 52.00	\$ 1,456.00	\$ 110.00	\$ 3,080.00
33	8" Storm Drain Force Main	58	LF	\$ 50.00	\$ 2,900.00	\$ 27.00	\$ 1,566.00	\$ 125.00	\$ 7,250.00
34	Connect to Existing Storm Drain	4	EA	\$ 4,000.00	\$ 16,000.00	\$ 1,500.00	\$ 6,000.00	\$ 2,000.00	\$ 8,000.00
35	Storm Drain / SSJID Connection	1	EA	\$ 2,400.00	\$ 2,400.00	\$ 5,000.00	\$ 5,000.00	\$ 2,500.00	\$ 2,500.00
36	Plug Existing 66" Storm Drain	1	EA	\$ 1,200.00	\$ 1,200.00	\$ 1,000.00	\$ 1,000.00	\$ 1,000.00	\$ 1,000.00
37	12-inch PVC CL200 C900 DR-18 Water	6,384	LF	\$ 35.00	\$ 223,440.00	\$ 28.00	\$ 178,752.00	\$ 45.00	\$ 287,280.00
38	12-inch Gate Valve	18	EA	\$ 2,300.00	\$ 41,400.00	\$ 2,300.00	\$ 41,400.00	\$ 2,190.00	\$ 39,420.00
39	Re-Connect Fire Hydrant	10	EA	\$ 1,800.00	\$ 18,000.00	\$ 2,000.00	\$ 20,000.00	\$ 1,260.00	\$ 12,600.00
40	Re-Connect ARV	1	EA	\$ 1,000.00	\$ 1,000.00	\$ 1,300.00	\$ 1,300.00	\$ 900.00	\$ 900.00
41	Connect to Existing Water	13	EA	\$ 2,500.00	\$ 32,500.00	\$ 2,000.00	\$ 26,000.00	\$ 1,000.00	\$ 13,000.00
42	48-inch RGRCP Irrigation	1,055	LF	\$ 120.00	\$ 126,600.00	\$ 91.00	\$ 96,005.00	\$ 180.00	\$ 189,900.00
43	42-inch RGRCP Irrigation	54	LF	\$ 165.00	\$ 8,910.00	\$ 96.00	\$ 5,184.00	\$ 210.00	\$ 11,340.00
44	36-inch RGRCP Irrigation	55	LF	\$ 160.00	\$ 8,800.00	\$ 88.00	\$ 4,840.00	\$ 190.00	\$ 10,450.00
45	30-inch RGRCP Irrigation	60	LF	\$ 155.00	\$ 9,300.00	\$ 74.00	\$ 4,440.00	\$ 150.00	\$ 9,000.00
46	Irrigation Pressure Manhole	1	EA	\$ 13,000.00	\$ 13,000.00	\$ 13,000.00	\$ 13,000.00	\$ 11,600.00	\$ 11,600.00
47	48"x42" Irrigation Reducer	1	EA	\$ 2,300.00	\$ 2,300.00	\$ 2,700.00	\$ 2,700.00	\$ 2,920.00	\$ 2,920.00
48	24" Irrigation "C" Structure	4	EA	\$ 5,750.00	\$ 23,000.00	\$ 4,200.00	\$ 16,800.00	\$ 6,500.00	\$ 26,000.00
49	30" Irrigation "C" Structure	2	EA	\$ 6,000.00	\$ 12,000.00	\$ 5,800.00	\$ 11,600.00	\$ 8,000.00	\$ 16,000.00
50	Connect to Existing Irrigation (Field Collar)	21	EA	\$ 2,600.00	\$ 54,600.00	\$ 1,200.00	\$ 25,200.00	\$ 1,850.00	\$ 38,850.00
51	Irrigation Pipe Inlet / Outfall Structure	1	EA	\$ 8,000.00	\$ 8,000.00	\$ 4,100.00	\$ 4,100.00	\$ 6,100.00	\$ 6,100.00
52	4-inch Aggregate Base Rock	11,382	TON	\$ 21.00	\$ 239,022.00	\$ 19.00	\$ 216,258.00	\$ 23.00	\$ 261,786.00
53	4-inch Asphalt Concrete Pavement	11,382	TON	\$ 63.00	\$ 717,066.00	\$ 67.00	\$ 762,594.00	\$ 65.00	\$ 739,830.00
54	Trenchpatch (4" Sewer Force Main)	705	LF	\$ 15.00	\$ 10,575.00	\$ 12.00	\$ 8,460.00	\$ 15.00	\$ 10,575.00
55	<del>Survey Construction Staking Services</del>	1	LS	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
56	Survey all Existing Monuments on Woodward Ave, Tie Monuments and submit a map to City	1	LS	\$ 5,000.00	\$ 5,000.00	\$ 1,100.00	\$ 1,100.00	\$ 3,000.00	\$ 3,000.00
57	Submit a Corner Record/Record of Survey to County Surveyor Prior to Removing any Monuments	1	LS	\$ 4,000.00	\$ 4,000.00	\$ 5,500.00	\$ 5,500.00	\$ 1,500.00	\$ 1,500.00

## WOODWARD AVENUE SEWER STORM DRAIN IMPROVEMENT PROJECT

ENGINEER ESTIMATE \$9,600,000

FEBRUARY 17, 2011

CONTRACTOR/CITY				PRESTON PIPELINE LATHROP		KNIFE RIVER STOCKTON		RANGER PIPELINES SAN FRANCISCO	
	Reset all Removed Centerline	12	EA						
58	Monuments			\$ 500.00	\$ 6,000.00	\$ 750.00	\$ 9,000.00	\$ 1,000.00	\$ 12,000.00
59	Striping	1	LS	\$ 75,000.00	\$ 75,000.00	\$ 75,000.00	\$ 75,000.00	\$ 45,000.00	\$ 45,000.00
60	Median Curb per City Std. ST-34 (Detail A-2)	6610	LF	\$ 19.00	\$ 125,590.00	\$ 22.00	\$ 145,420.00	\$ 18.00	\$ 118,980.00
61	3" Irrigation Sleeves	32	EA	\$ 450.00	\$ 14,400.00	\$ 210.00	\$ 6,720.00	\$ 350.00	\$ 11,200.00
62	Reconstruct Gated Entrance Feature at APN 224-021-31 (approximately station 134+40)	1	LS	\$ 13,000.00	\$ 13,000.00	\$ 26,000.00	\$ 26,000.00	\$ 2,780.00	\$ 2,780.00
63	Fence Replacement	950	LF	\$ 28.00	\$ 26,600.00	\$ 28.00	\$ 26,600.00	\$ 20.00	\$ 19,000.00
64	Driveway Restoration	69	EA	\$ 1,050.00	\$ 72,450.00	\$ 500.00	\$ 34,500.00	\$ 350.00	\$ 24,150.00
65	Planter Preparation & Weed Control	1	LS	\$ 29,000.00	\$ 29,000.00	\$ 16,000.00	\$ 16,000.00	\$ 21,000.00	\$ 21,000.00
66	Irrigation System	1	LS	\$ 27,000.00	\$ 27,000.00	\$ 24,000.00	\$ 24,000.00	\$ 55,000.00	\$ 55,000.00
67	15 Gallon Tree (include 10 fertilizer tabs and 9-ft stakes)	146	EA	\$ 120.00	\$ 17,520.00	\$ 125.00	\$ 18,250.00	\$ 146.00	\$ 21,316.00
68	Arbor Mulch Top Dressing (3" layer)	322	CY	\$ 50.00	\$ 16,100.00	\$ 44.00	\$ 14,168.00	\$ 41.00	\$ 13,202.00
69	2-inch Water Service	10	EA	\$ 950.00	\$ 9,500.00	\$ 1,100.00	\$ 11,000.00	\$ 1,500.00	\$ 15,000.00
70	2" Backflow Assembly, Concrete Pad & Enclosure (per Detail)	10	EA	\$ 2,200.00	\$ 22,000.00	\$ 1,800.00	\$ 18,000.00	\$ 2,320.00	\$ 23,200.00
71	90 day Maintenance Period	1	LS	\$ 3,500.00	\$ 3,500.00	\$ 1,300.00	\$ 1,300.00	\$ 12,200.00	\$ 12,200.00
72	Sheeting, Shoring & Bracing	1	LS	\$ 150,000.00	\$ 150,000.00	\$ 250,000.00	\$ 250,000.00	\$ 152,000.00	\$ 152,000.00
73	Traffic Control	1	LS	\$ 150,000.00	\$ 150,000.00	\$ 90,000.00	\$ 90,000.00	\$ 40,000.00	\$ 40,000.00
74	SWPP Compliance	1	LS	\$ 30,000.00	\$ 30,000.00	\$ 40,000.00	\$ 40,000.00	\$ 13,000.00	\$ 13,000.00
75	Demobilization & Contract Closeout	1	LS	\$ 50,000.00	\$ 50,000.00	\$ 50,000.00	\$ 50,000.00	\$ 30,000.00	\$ 30,000.00
<b>TOTAL BID</b>					<b>\$ 10,079,940.00</b>		<b>\$ 10,368,958.00</b>		<b>\$ 11,242,572.00</b>

# WOODWARD AVENUE SEWER STORM DRAIN IMPROVEMENT PROJECT

ENGINEER ESTIMATE \$9,600,000

FEBRUARY 17, 2011

CONTRACTOR/CITY				SPINIELLO COMPANIES POMONA		STEVE P RADOS, INC SACRAMENTO		FLATIRON WEST BENICIA	
ITEM #	DESCRIPTION	QTY	UNIT	ITEM COST	TOTAL COST	ITEM COST	TOTAL COST	ITEM COST	TOTAL COST
1	Mobilization	1	LS	\$ 338,000.00	\$ 338,000.00	\$ 910,000.00	\$ 910,000.00	\$ 600,000.00	\$ 600,000.00
2	Construction Dewatering; Permitting; Pumping and Disposal	1	LS	\$ 200,000.00	\$ 200,000.00	\$ 1,200,000.00	\$ 1,200,000.00	\$ 750,000.00	\$ 750,000.00
3	Site Demolition, including Paving, Concrete, Structures, and Piping	1	LS	\$ 175,000.00	\$ 175,000.00	\$ 125,000.00	\$ 125,000.00	\$ 75,000.00	\$ 75,000.00
4	Grading, Excavation and Site Preparation – Complete	1	LS	\$ 200,000.00	\$ 200,000.00	\$ 125,000.00	\$ 125,000.00	\$ 100,000.00	\$ 100,000.00
5	36-inch VCP Gravity Sewer	8,435	LF	\$ 275.00	\$ 2,319,625.00	\$ 125.00	\$ 1,054,375.00	\$ 310.00	\$ 2,614,850.00
6	30-inch VCP Gravity Sewer	5,251	LF	\$ 172.00	\$ 903,172.00	\$ 100.00	\$ 525,100.00	\$ 152.00	\$ 798,152.00
7	18-inch PVC Gravity Sewer	30	LF	\$ 300.00	\$ 9,000.00	\$ 130.00	\$ 3,900.00	\$ 300.00	\$ 9,000.00
8	15-inch PVC Gravity Sewer	30	LF	\$ 325.00	\$ 9,750.00	\$ 120.00	\$ 3,600.00	\$ 335.00	\$ 10,050.00
9	12-inch PVC Gravity Sewer	50	LF	\$ 350.00	\$ 17,500.00	\$ 120.00	\$ 6,000.00	\$ 433.00	\$ 21,650.00
10	8-inch PVC Gravity Sewer	100	LF	\$ 375.00	\$ 37,500.00	\$ 100.00	\$ 10,000.00	\$ 342.00	\$ 34,200.00
11	SS Saddle Manhole per Detail 2 Sheet 4 (PVC lined or Hydro-pox sprayed)	11	EA	\$ 27,000.00	\$ 297,000.00	\$ 9,000.00	\$ 99,000.00	\$ 23,000.00	\$ 253,000.00
12	SS Junction Manhole per Detail-3, Sheet 4 (PVC lined or Hydro-pox sprayed)	5	EA	\$ 29,000.00	\$ 145,000.00	\$ 16,000.00	\$ 80,000.00	\$ 28,000.00	\$ 140,000.00
13	SS Manhole per Std. Detail S-3 (PVC lined or Hydro-pox sprayed)	13	EA	\$ 28,000.00	\$ 364,000.00	\$ 7,500.00	\$ 97,500.00	\$ 22,000.00	\$ 286,000.00
14	Connect to Existing Sewer	4	EA	\$ 4,000.00	\$ 16,000.00	\$ 4,000.00	\$ 16,000.00	\$ 5,000.00	\$ 20,000.00
15	Sewer Fly Line Stub (PVC)	14	EA	\$ 1,600.00	\$ 22,400.00	\$ 350.00	\$ 4,900.00	\$ 700.00	\$ 9,800.00
16	Sewer Lift Station (PVC lined or Hydro-pox sprayed)	1	LS	\$ 213,000.00	\$ 213,000.00	\$ 65,000.00	\$ 65,000.00	\$ 100,000.00	\$ 100,000.00
17	Sewer Trench Dam	26	EA	\$ 1,600.00	\$ 41,600.00	\$ 350.00	\$ 9,100.00	\$ 3,500.00	\$ 91,000.00
18	12-inch PVC C-900 DR-18 Sewer Force Main	1,037	LF	\$ 80.00	\$ 82,960.00	\$ 33.00	\$ 34,221.00	\$ 26.00	\$ 26,962.00
19	12-inch PVC C-900 DR-18 Wastewater Force Main	1,010	LF	\$ 84.00	\$ 84,840.00	\$ 49.00	\$ 49,490.00	\$ 26.00	\$ 26,260.00
20	10-inch PVC C-900 DR-18 Sewer Force Main	30	LF	\$ 250.00	\$ 7,500.00	\$ 150.00	\$ 4,500.00	\$ 135.00	\$ 4,050.00
21	8-inch PVC C-900 DR-18 Sewer Force Main	25	LF	\$ 250.00	\$ 6,250.00	\$ 165.00	\$ 4,125.00	\$ 146.00	\$ 3,650.00
22	4-inch PVC C-900 DR-18 Sewer Force Main	741	LF	\$ 70.00	\$ 51,870.00	\$ 35.00	\$ 25,935.00	\$ 17.00	\$ 12,597.00
23	4-inch Sewer Force Main Valve	2	EA	\$ 1,300.00	\$ 2,600.00	\$ 650.00	\$ 1,300.00	\$ 600.00	\$ 1,200.00
24	12-inch Sewer Force Main Valve	2	EA	\$ 2,700.00	\$ 5,400.00	\$ 1,800.00	\$ 3,600.00	\$ 1,800.00	\$ 3,600.00
25	48-inch RCP Storm Drain	69	LF	\$ 350.00	\$ 24,150.00	\$ 350.00	\$ 24,150.00	\$ 182.00	\$ 12,558.00

# WOODWARD AVENUE SEWER STORM DRAIN IMPROVEMENT PROJECT

ENGINEER ESTIMATE \$9,600,000

FEBRUARY 17, 2011

CONTRACTOR/CITY				SPINIELLO COMPANIES POMONA		STEVE P RADOS, INC SACRAMENTO		FLATIRON WEST BENICIA	
26	54-inch RCP Storm Drain	9,828	LF	\$ 242.00	\$ 2,378,376.00	\$ 335.00	\$ 3,292,380.00	\$ 284.00	\$ 2,791,152.00
27	SD Saddle Manhole per Detail 'T' Storm Drain Saddle MH	26	EA	\$ 22,000.00	\$ 572,000.00	\$ 6,000.00	\$ 156,000.00	\$ 5,000.00	\$ 130,000.00
28	<del>Junction Manhole (Storm)</del>	0	EA	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
29	54" 45° Pre-fabricated Pipe Joint	7	EA	\$ 900.00	\$ 6,300.00	\$ 1,800.00	\$ 12,600.00	\$ 3,000.00	\$ 21,000.00
30	Storm Drain Lift Station	1	EA	\$ 160,000.00	\$ 160,000.00	\$ 90,000.00	\$ 90,000.00	\$ 150,000.00	\$ 150,000.00
31	Storm Drain Trench Dam	11	EA	\$ 1,500.00	\$ 16,500.00	\$ 500.00	\$ 5,500.00	\$ 4,500.00	\$ 49,500.00
32	6" Storm Drain Force Main	28	LF	\$ 200.00	\$ 5,600.00	\$ 135.00	\$ 3,780.00	\$ 148.00	\$ 4,144.00
33	8" Storm Drain Force Main	58	LF	\$ 210.00	\$ 12,180.00	\$ 80.00	\$ 4,640.00	\$ 67.00	\$ 3,886.00
34	Connect to Existing Storm Drain	4	EA	\$ 2,500.00	\$ 10,000.00	\$ 3,500.00	\$ 14,000.00	\$ 5,000.00	\$ 20,000.00
35	Storm Drain / SSJID Connection	1	EA	\$ 8,000.00	\$ 8,000.00	\$ 3,500.00	\$ 3,500.00	\$ 5,000.00	\$ 5,000.00
36	Plug Existing 66" Storm Drain	1	EA	\$ 1,500.00	\$ 1,500.00	\$ 1,500.00	\$ 1,500.00	\$ 2,000.00	\$ 2,000.00
37	12-inch PVC CL200 C900 DR-18 Water	6,384	LF	\$ 35.00	\$ 223,440.00	\$ 45.00	\$ 287,280.00	\$ 38.00	\$ 242,592.00
38	12-inch Gate Valve	18	EA	\$ 2,500.00	\$ 45,000.00	\$ 2,500.00	\$ 45,000.00	\$ 1,500.00	\$ 27,000.00
39	Re-Connect Fire Hydrant	10	EA	\$ 2,600.00	\$ 26,000.00	\$ 2,500.00	\$ 25,000.00	\$ 1,000.00	\$ 10,000.00
40	Re-Connect ARV	1	EA	\$ 1,000.00	\$ 1,000.00	\$ 1,000.00	\$ 1,000.00	\$ 1,000.00	\$ 1,000.00
41	Connect to Existing Water	13	EA	\$ 3,400.00	\$ 44,200.00	\$ 1,500.00	\$ 19,500.00	\$ 1,500.00	\$ 19,500.00
42	48-inch RGRCP Irrigation	1,055	LF	\$ 187.00	\$ 197,285.00	\$ 175.00	\$ 184,625.00	\$ 143.00	\$ 150,865.00
43	42-inch RGRCP Irrigation	54	LF	\$ 216.00	\$ 11,664.00	\$ 400.00	\$ 21,600.00	\$ 190.00	\$ 10,260.00
44	36-inch RGRCP Irrigation	55	LF	\$ 190.00	\$ 10,450.00	\$ 400.00	\$ 22,000.00	\$ 420.00	\$ 23,100.00
45	30-inch RGRCP Irrigation	60	LF	\$ 181.00	\$ 10,860.00	\$ 300.00	\$ 18,000.00	\$ 160.00	\$ 9,600.00
46	Irrigation Pressure Manhole	1	EA	\$ 29,000.00	\$ 29,000.00	\$ 6,500.00	\$ 6,500.00	\$ 8,000.00	\$ 8,000.00
47	48"x42" Irrigation Reducer	1	EA	\$ 6,200.00	\$ 6,200.00	\$ 1,500.00	\$ 1,500.00	\$ 3,000.00	\$ 3,000.00
48	24" Irrigation "C" Structure	4	EA	\$ 8,000.00	\$ 32,000.00	\$ 5,500.00	\$ 22,000.00	\$ 4,000.00	\$ 16,000.00
49	30" Irrigation "C" Structure	2	EA	\$ 9,900.00	\$ 19,800.00	\$ 6,000.00	\$ 12,000.00	\$ 4,000.00	\$ 8,000.00
50	Connect to Existing Irrigation (Field Collar)	21	EA	\$ 1,700.00	\$ 35,700.00	\$ 3,000.00	\$ 63,000.00	\$ 250.00	\$ 5,250.00
51	Irrigation Pipe Inlet / Outfall Structure	1	EA	\$ 22,000.00	\$ 22,000.00	\$ 3,000.00	\$ 3,000.00	\$ 5,000.00	\$ 5,000.00
52	4-inch Aggregate Base Rock	11,382	TON	\$ 20.00	\$ 227,640.00	\$ 35.00	\$ 398,370.00	\$ 22.00	\$ 250,404.00
53	4-inch Asphalt Concrete Pavement	11,382	TON	\$ 72.00	\$ 819,504.00	\$ 80.00	\$ 910,560.00	\$ 66.00	\$ 751,212.00
54	Trenchpatch (4" Sewer Force Main)	705	LF	\$ 16.00	\$ 11,280.00	\$ 10.00	\$ 7,050.00	\$ 11.00	\$ 7,755.00
55	<del>Survey Construction Staking Services</del>	1	LS	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
56	Survey all Existing Monuments on Woodward Ave, Tie Monuments and submit a map to City	1	LS	\$ 32,000.00	\$ 32,000.00	\$ 5,000.00	\$ 5,000.00	\$ 10,000.00	\$ 10,000.00
57	Submit a Corner Record/Record of Survey to County Surveyor Prior to Removing any Monuments	1	LS	\$ 2,000.00	\$ 2,000.00	\$ 5,000.00	\$ 5,000.00	\$ 1,000.00	\$ 1,000.00



## WOODWARD AVENUE SEWER STORM DRAIN IMPROVEMENT PROJECT

ENGINEER ESTIMATE \$9,600,000

FEBRUARY 17, 2011

CONTRACTOR/CITY				SPINIELLO COMPANIES POMONA		STEVE P RADOS, INC SACRAMENTO		FLATIRON WEST BENICIA	
	Reset all Removed Centerline	12	EA						
58	Monuments			\$ 501.00	\$ 6,012.00	\$ 5,000.00	\$ 60,000.00	\$ 2,500.00	\$ 30,000.00
59	Striping	1	LS	\$ 75,000.00	\$ 75,000.00	\$ 90,000.00	\$ 90,000.00	\$ 30,000.00	\$ 30,000.00
60	Median Curb per City Std. ST-34 (Detail A-2)	6610	LF	\$ 24.00	\$ 158,640.00	\$ 25.00	\$ 165,250.00	\$ 25.00	\$ 165,250.00
61	3" Irrigation Sleeves	32	EA	\$ 250.00	\$ 8,000.00	\$ 500.00	\$ 16,000.00	\$ 1,500.00	\$ 48,000.00
62	Reconstruct Gated Entrance Feature at APN 224-021-31 (approximately station 134+40)	1	LS	\$ 25,000.00	\$ 25,000.00	\$ 27,000.00	\$ 27,000.00	\$ 6,000.00	\$ 6,000.00
63	Fence Replacement	950	LF	\$ 25.00	\$ 23,750.00	\$ 58.00	\$ 55,100.00	\$ 25.00	\$ 23,750.00
64	Driveway Restoration	69	EA	\$ 450.00	\$ 31,050.00	\$ 1,500.00	\$ 103,500.00	\$ 750.00	\$ 51,750.00
65	Planter Preparation & Weed Control	1	LS	\$ 14,500.00	\$ 14,500.00	\$ 12,000.00	\$ 12,000.00	\$ 35,000.00	\$ 35,000.00
66	Irrigation System	1	LS	\$ 25,000.00	\$ 25,000.00	\$ 27,000.00	\$ 27,000.00	\$ 35,000.00	\$ 35,000.00
67	15 Gallon Tree (include 10 fertilizer tabs and 9-ft stakes)	146	EA	\$ 250.00	\$ 36,500.00	\$ 125.00	\$ 18,250.00	\$ 300.00	\$ 43,800.00
68	Arbor Mulch Top Dressing (3" layer)	322	CY	\$ 65.00	\$ 20,930.00	\$ 50.00	\$ 16,100.00	\$ 50.00	\$ 16,100.00
69	2-inch Water Service	10	EA	\$ 1,000.00	\$ 10,000.00	\$ 850.00	\$ 8,500.00	\$ 1,500.00	\$ 15,000.00
70	2" Backflow Assembly, Concrete Pad & Enclosure (per Detail)	10	EA	\$ 2,400.00	\$ 24,000.00	\$ 2,800.00	\$ 28,000.00	\$ 3,000.00	\$ 30,000.00
71	90 day Maintenance Period	1	LS	\$ 1,300.00	\$ 1,300.00	\$ 3,200.00	\$ 3,200.00	\$ 30,000.00	\$ 30,000.00
72	Sheeting, Shoring & Bracing	1	LS	\$ 250,000.00	\$ 250,000.00	\$ 70,000.00	\$ 70,000.00	\$ 450,000.00	\$ 450,000.00
73	Traffic Control	1	LS	\$ 75,000.00	\$ 75,000.00	\$ 250,000.00	\$ 250,000.00	\$ 130,000.00	\$ 130,000.00
74	SWPP Compliance	1	LS	\$ 8,700.00	\$ 8,700.00	\$ 80,000.00	\$ 80,000.00	\$ 70,000.00	\$ 70,000.00
75	Demobilization & Contract Closeout	1	LS	\$ 30,000.00	\$ 30,000.00	\$ 300,000.00	\$ 300,000.00	\$ 50,000.00	\$ 50,000.00
<b>TOTAL BID</b>					\$ 11,374,978.00		\$ 11,453,581.00		\$ 11,999,449.00

# WOODWARD AVENUE SEWER STORM DRAIN IMPROVEMENT PROJECT

ENGINEER ESTIMATE \$9,600,000

FEBRUARY 17, 2011

CONTRACTOR/CITY				MOUNTAIN CASCADE LIVERMORE		K J WOODS SAN FRANCISCO		VIDMAR INC SOUTH EL MONTE	
ITEM #	DESCRIPTION	QTY	UNIT	ITEM COST	TOTAL COST	ITEM COST	TOTAL COST	ITEM COST	TOTAL COST
1	Mobilization	1	LS	\$ 400,000.00	\$ 400,000.00	\$ 600,000.00	\$ 600,000.00	\$ 700,000.00	\$ 700,000.00
2	Construction Dewatering; Permitting; Pumping and Disposal	1	LS	\$ 900,000.00	\$ 900,000.00	\$ 500,000.00	\$ 500,000.00	\$ 1,260,000.00	\$ 1,260,000.00
3	Site Demolition, including Paving, Concrete, Structures, and Piping	1	LS	\$ 50,000.00	\$ 50,000.00	\$ 300,000.00	\$ 300,000.00	\$ 200,000.00	\$ 200,000.00
4	Grading, Excavation and Site Preparation – Complete	1	LS	\$ 300,000.00	\$ 300,000.00	\$ 200,000.00	\$ 200,000.00	\$ 100,000.00	\$ 100,000.00
5	36-inch VCP Gravity Sewer	8,435	LF	\$ 380.00	\$ 3,205,300.00	\$ 210.00	\$ 1,771,350.00	\$ 315.00	\$ 2,657,025.00
6	30-inch VCP Gravity Sewer	5,251	LF	\$ 230.00	\$ 1,207,730.00	\$ 170.00	\$ 892,670.00	\$ 284.00	\$ 1,491,284.00
7	18-inch PVC Gravity Sewer	30	LF	\$ 300.00	\$ 9,000.00	\$ 280.00	\$ 8,400.00	\$ 195.00	\$ 5,850.00
8	15-inch PVC Gravity Sewer	30	LF	\$ 290.00	\$ 8,700.00	\$ 270.00	\$ 8,100.00	\$ 195.00	\$ 5,850.00
9	12-inch PVC Gravity Sewer	50	LF	\$ 280.00	\$ 14,000.00	\$ 310.00	\$ 15,500.00	\$ 380.00	\$ 19,000.00
10	8-inch PVC Gravity Sewer	100	LF	\$ 250.00	\$ 25,000.00	\$ 290.00	\$ 29,000.00	\$ 320.00	\$ 32,000.00
11	SS Saddle Manhole per Detail 2 Sheet 4 (PVC lined or Hydro-pox sprayed)	11	EA	\$ 15,000.00	\$ 165,000.00	\$ 15,000.00	\$ 165,000.00	\$ 14,900.00	\$ 163,900.00
12	SS Junction Manhole per Detail-3, Sheet 4 (PVC lined or Hydro-pox sprayed)	5	EA	\$ 17,000.00	\$ 85,000.00	\$ 22,000.00	\$ 110,000.00	\$ 20,000.00	\$ 100,000.00
13	SS Manhole per Std. Detail S-3 (PVC lined or Hydro-pox sprayed)	13	EA	\$ 7,000.00	\$ 91,000.00	\$ 15,000.00	\$ 195,000.00	\$ 9,500.00	\$ 123,500.00
14	Connect to Existing Sewer	4	EA	\$ 4,000.00	\$ 16,000.00	\$ 1,500.00	\$ 6,000.00	\$ 5,000.00	\$ 20,000.00
15	Sewer Fly Line Stub (PVC)	14	EA	\$ 500.00	\$ 7,000.00	\$ 1,200.00	\$ 16,800.00	\$ 1,500.00	\$ 21,000.00
16	Sewer Lift Station (PVC lined or Hydro-pox sprayed)	1	LS	\$ 125,000.00	\$ 125,000.00	\$ 175,000.00	\$ 175,000.00	\$ 100,000.00	\$ 100,000.00
17	Sewer Trench Dam	26	EA	\$ 1,000.00	\$ 26,000.00	\$ 500.00	\$ 13,000.00	\$ 600.00	\$ 15,600.00
18	12-inch PVC C-900 DR-18 Sewer Force Main	1,037	LF	\$ 90.00	\$ 93,330.00	\$ 120.00	\$ 124,440.00	\$ 85.00	\$ 88,145.00
19	12-inch PVC C-900 DR-18 Wastewater Force Main	1,010	LF	\$ 50.00	\$ 50,500.00	\$ 125.00	\$ 126,250.00	\$ 85.00	\$ 85,850.00
20	10-inch PVC C-900 DR-18 Sewer Force Main	30	LF	\$ 150.00	\$ 4,500.00	\$ 250.00	\$ 7,500.00	\$ 182.00	\$ 5,460.00
21	8-inch PVC C-900 DR-18 Sewer Force Main	25	LF	\$ 125.00	\$ 3,125.00	\$ 300.00	\$ 7,500.00	\$ 96.00	\$ 2,400.00
22	4-inch PVC C-900 DR-18 Sewer Force Main	741	LF	\$ 45.00	\$ 33,345.00	\$ 100.00	\$ 74,100.00	\$ 26.00	\$ 19,266.00
23	4-inch Sewer Force Main Valve	2	EA	\$ 1,000.00	\$ 2,000.00	\$ 2,000.00	\$ 4,000.00	\$ 635.00	\$ 1,270.00
24	12-inch Sewer Force Main Valve	2	EA	\$ 2,500.00	\$ 5,000.00	\$ 3,500.00	\$ 7,000.00	\$ 1,950.00	\$ 3,900.00
25	48-inch RCP Storm Drain	69	LF	\$ 240.00	\$ 16,560.00	\$ 500.00	\$ 34,500.00	\$ 475.00	\$ 32,775.00

# WOODWARD AVENUE SEWER STORM DRAIN IMPROVEMENT PROJECT

ENGINEER ESTIMATE \$9,600,000

FEBRUARY 17, 2011

CONTRACTOR/CITY				MOUNTAIN CASCADE LIVERMORE		K J WOODS SAN FRANCISCO		VIDMAR INC SOUTH EL MONTE	
26	54-inch RCP Storm Drain	9,828	LF	\$ 300.00	\$ 2,948,400.00	\$ 330.00	\$ 3,243,240.00	\$ 376.00	\$ 3,695,328.00
27	SD Saddle Manhole per Detail 'T' Storm Drain Saddle MH	26	EA	\$ 8,500.00	\$ 221,000.00	\$ 9,000.00	\$ 234,000.00	\$ 6,400.00	\$ 166,400.00
28	<del>Junction Manhole (Storm)</del>	0	EA	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
29	54" 45° Pre-fabricated Pipe Joint	7	EA	\$ 2,500.00	\$ 17,500.00	\$ 1,000.00	\$ 7,000.00	\$ 3,300.00	\$ 23,100.00
30	Storm Drain Lift Station	1	EA	\$ 150,000.00	\$ 150,000.00	\$ 300,000.00	\$ 300,000.00	\$ 128,000.00	\$ 128,000.00
31	Storm Drain Trench Dam	11	EA	\$ 1,250.00	\$ 13,750.00	\$ 500.00	\$ 5,500.00	\$ 925.00	\$ 10,175.00
32	6" Storm Drain Force Main	28	LF	\$ 90.00	\$ 2,520.00	\$ 100.00	\$ 2,800.00	\$ 445.00	\$ 12,460.00
33	8" Storm Drain Force Main	58	LF	\$ 120.00	\$ 6,960.00	\$ 110.00	\$ 6,380.00	\$ 128.00	\$ 7,424.00
34	Connect to Existing Storm Drain	4	EA	\$ 8,000.00	\$ 32,000.00	\$ 5,000.00	\$ 20,000.00	\$ 6,500.00	\$ 26,000.00
35	Storm Drain / SSJID Connection	1	EA	\$ 2,000.00	\$ 2,000.00	\$ 5,000.00	\$ 5,000.00	\$ 6,200.00	\$ 6,200.00
36	Plug Existing 66" Storm Drain	1	EA	\$ 4,000.00	\$ 4,000.00	\$ 1,000.00	\$ 1,000.00	\$ 2,000.00	\$ 2,000.00
37	12-inch PVC CL200 C900 DR-18 Water	6,384	LF	\$ 35.00	\$ 223,440.00	\$ 100.00	\$ 638,400.00	\$ 59.00	\$ 376,656.00
38	12-inch Gate Valve	18	EA	\$ 2,500.00	\$ 45,000.00	\$ 2,500.00	\$ 45,000.00	\$ 2,200.00	\$ 39,600.00
39	Re-Connect Fire Hydrant	10	EA	\$ 2,200.00	\$ 22,000.00	\$ 2,500.00	\$ 25,000.00	\$ 2,400.00	\$ 24,000.00
40	Re-Connect ARV	1	EA	\$ 1,000.00	\$ 1,000.00	\$ 2,500.00	\$ 2,500.00	\$ 3,200.00	\$ 3,200.00
41	Connect to Existing Water	13	EA	\$ 2,500.00	\$ 32,500.00	\$ 3,000.00	\$ 39,000.00	\$ 2,000.00	\$ 26,000.00
42	48-inch RGRCP Irrigation	1,055	LF	\$ 160.00	\$ 168,800.00	\$ 280.00	\$ 295,400.00	\$ 480.00	\$ 506,400.00
43	42-inch RGRCP Irrigation	54	LF	\$ 425.00	\$ 22,950.00	\$ 300.00	\$ 16,200.00	\$ 1,400.00	\$ 75,600.00
44	36-inch RGRCP Irrigation	55	LF	\$ 275.00	\$ 15,125.00	\$ 280.00	\$ 15,400.00	\$ 700.00	\$ 38,500.00
45	30-inch RGRCP Irrigation	60	LF	\$ 250.00	\$ 15,000.00	\$ 240.00	\$ 14,400.00	\$ 650.00	\$ 39,000.00
46	Irrigation Pressure Manhole	1	EA	\$ 14,000.00	\$ 14,000.00	\$ 20,000.00	\$ 20,000.00	\$ 14,000.00	\$ 14,000.00
47	48"x42" Irrigation Reducer	1	EA	\$ 2,500.00	\$ 2,500.00	\$ 1,500.00	\$ 1,500.00	\$ 5,000.00	\$ 5,000.00
48	24" Irrigation "C" Structure	4	EA	\$ 5,000.00	\$ 20,000.00	\$ 12,000.00	\$ 48,000.00	\$ 5,200.00	\$ 20,800.00
49	30" Irrigation "C" Structure	2	EA	\$ 6,500.00	\$ 13,000.00	\$ 12,000.00	\$ 24,000.00	\$ 5,500.00	\$ 11,000.00
50	Connect to Existing Irrigation (Field Collar)	21	EA	\$ 1,000.00	\$ 21,000.00	\$ 4,000.00	\$ 84,000.00	\$ 2,000.00	\$ 42,000.00
51	Irrigation Pipe Inlet / Outfall Structure	1	EA	\$ 5,000.00	\$ 5,000.00	\$ 15,000.00	\$ 15,000.00	\$ 3,000.00	\$ 3,000.00
52	4-inch Aggregate Base Rock	11,382	TON	\$ 23.00	\$ 261,786.00	\$ 25.00	\$ 284,550.00	\$ 24.00	\$ 273,168.00
53	4-inch Asphalt Concrete Pavement	11,382	TON	\$ 65.00	\$ 739,830.00	\$ 105.00	\$ 1,195,110.00	\$ 69.00	\$ 785,358.00
54	Trenchpatch (4" Sewer Force Main)	705	LF	\$ 15.00	\$ 10,575.00	\$ 15.00	\$ 10,575.00	\$ 21.00	\$ 14,805.00
55	<del>Survey Construction Staking Services</del>	1	LS	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
56	Survey all Existing Monuments on Woodward Ave, Tie Monuments and submit a map to City	1	LS	\$ 5,000.00	\$ 5,000.00	\$ 2,000.00	\$ 2,000.00	\$ 4,000.00	\$ 4,000.00
57	Submit a Corner Record/Record of Survey to County Surveyor Prior to Removing any Monuments	1	LS	\$ 4,000.00	\$ 4,000.00	\$ 1,000.00	\$ 1,000.00	\$ 2,000.00	\$ 2,000.00

## WOODWARD AVENUE SEWER STORM DRAIN IMPROVEMENT PROJECT

ENGINEER ESTIMATE \$9,600,000

FEBRUARY 17, 2011

CONTRACTOR/CITY				MOUNTAIN CASCADE LIVERMORE		K J WOODS SAN FRANCISCO		VIDMAR INC SOUTH EL MONTE	
	Reset all Removed Centerline	12	EA						
58	Monuments			\$ 200.00	\$ 2,400.00	\$ 150.00	\$ 1,800.00	\$ 550.00	\$ 6,600.00
59	Striping	1	LS	\$ 60,000.00	\$ 60,000.00	\$ 30,000.00	\$ 30,000.00	\$ 35,000.00	\$ 35,000.00
60	Median Curb per City Std. ST-34 (Detail A-2)	6610	LF	\$ 15.00	\$ 99,150.00	\$ 20.00	\$ 132,200.00	\$ 19.00	\$ 125,590.00
61	3" Irrigation Sleeves	32	EA	\$ 400.00	\$ 12,800.00	\$ 400.00	\$ 12,800.00	\$ 175.00	\$ 5,600.00
62	Reconstruct Gated Entrance Feature at APN 224-021-31 (approximately station 134+40)	1	LS	\$ 10,000.00	\$ 10,000.00	\$ 3,000.00	\$ 3,000.00	\$ 40,000.00	\$ 40,000.00
63	Fence Replacement	950	LF	\$ 24.00	\$ 22,800.00	\$ 30.00	\$ 28,500.00	\$ 35.00	\$ 33,250.00
64	Driveway Restoration	69	EA	\$ 300.00	\$ 20,700.00	\$ 1,000.00	\$ 69,000.00	\$ 350.00	\$ 24,150.00
65	Planter Preparation & Weed Control	1	LS	\$ 15,000.00	\$ 15,000.00	\$ 15,000.00	\$ 15,000.00	\$ 15,000.00	\$ 15,000.00
66	Irrigation System	1	LS	\$ 22,000.00	\$ 22,000.00	\$ 23,000.00	\$ 23,000.00	\$ 25,000.00	\$ 25,000.00
67	15 Gallon Tree (include 10 fertilizer tabs and 9-ft stakes)	146	EA	\$ 120.00	\$ 17,520.00	\$ 120.00	\$ 17,520.00	\$ 275.00	\$ 40,150.00
68	Arbor Mulch Top Dressing (3" layer)	322	CY	\$ 45.00	\$ 14,490.00	\$ 42.00	\$ 13,524.00	\$ 65.00	\$ 20,930.00
69	2-inch Water Service	10	EA	\$ 1,500.00	\$ 15,000.00	\$ 3,500.00	\$ 35,000.00	\$ 1,800.00	\$ 18,000.00
70	2" Backflow Assembly, Concrete Pad & Enclosure (per Detail)	10	EA	\$ 1,800.00	\$ 18,000.00	\$ 1,700.00	\$ 17,000.00	\$ 2,600.00	\$ 26,000.00
71	90 day Maintenance Period	1	LS	\$ 1,250.00	\$ 1,250.00	\$ 1,200.00	\$ 1,200.00	\$ 2,000.00	\$ 2,000.00
72	Sheeting, Shoring & Bracing	1	LS	\$ 200,000.00	\$ 200,000.00	\$ 616,391.00	\$ 616,391.00	\$ 400,000.00	\$ 400,000.00
73	Traffic Control	1	LS	\$ 100,000.00	\$ 100,000.00	\$ 50,000.00	\$ 50,000.00	\$ 100,000.00	\$ 100,000.00
74	SWPP Compliance	1	LS	\$ 15,000.00	\$ 15,000.00	\$ 15,000.00	\$ 15,000.00	\$ 5,000.00	\$ 5,000.00
75	Demobilization & Contract Closeout	1	LS	\$ 50,000.00	\$ 50,000.00	\$ 50,000.00	\$ 50,000.00	\$ 15,000.00	\$ 15,000.00
<b>TOTAL BID</b>					<b>\$ 12,579,836.00</b>		<b>\$ 13,124,000.00</b>		<b>\$ 14,572,519.00</b>

# WOODWARD AVENUE SEWER STORM DRAIN IMPROVEMENT PROJECT

ENGINEER ESTIMATE \$9,600,000

FEBRUARY 17, 2011

CONTRACTOR/CITY				DON KELLY CONST BOZEMAN, MT	
ITEM #	DESCRIPTION	QTY	UNIT	ITEM COST	TOTAL COST
1	Mobilization	1	LS	\$ 1,600,000.00	\$ 1,600,000.00
2	Construction Dewatering; Permitting; Pumping and Disposal	1	LS	\$ 795,000.00	\$ 795,000.00
3	Site Demolition, including Paving, Concrete, Structures, and Piping	1	LS	\$ 75,000.00	\$ 75,000.00
4	Grading, Excavation and Site Preparation – Complete	1	LS	\$ 2,500,000.00	\$ 2,500,000.00
5	36-inch VCP Gravity Sewer	8,435	LF	\$ 225.00	\$ 1,897,875.00
6	30-inch VCP Gravity Sewer	5,251	LF	\$ 180.00	\$ 945,180.00
7	18-inch PVC Gravity Sewer	30	LF	\$ 285.00	\$ 8,550.00
8	15-inch PVC Gravity Sewer	30	LF	\$ 270.00	\$ 8,100.00
9	12-inch PVC Gravity Sewer	50	LF	\$ 265.00	\$ 13,250.00
10	8-inch PVC Gravity Sewer	100	LF	\$ 175.00	\$ 17,500.00
11	SS Saddle Manhole per Detail 2 Sheet 4 (PVC lined or Hydro-pox sprayed)	11	EA	\$ 22,000.00	\$ 242,000.00
12	SS Junction Manhole per Detail-3, Sheet 4 (PVC lined or Hydro-pox sprayed)	5	EA	\$ 28,000.00	\$ 140,000.00
13	SS Manhole per Std. Detail S-3 (PVC lined or Hydro-pox sprayed)	13	EA	\$ 22,000.00	\$ 286,000.00
14	Connect to Existing Sewer	4	EA	\$ 8,000.00	\$ 32,000.00
15	Sewer Fly Line Stub (PVC)	14	EA	\$ 2,200.00	\$ 30,800.00
16	Sewer Lift Station (PVC lined or Hydro-pox sprayed)	1	LS	\$ 175,000.00	\$ 175,000.00
17	Sewer Trench Dam	26	EA	\$ 2,100.00	\$ 54,600.00
18	12-inch PVC C-900 DR-18 Sewer Force Main	1,037	LF	\$ 175.00	\$ 181,475.00
19	12-inch PVC C-900 DR-18 Wastewater Force Main	1,010	LF	\$ 90.00	\$ 90,900.00
20	10-inch PVC C-900 DR-18 Sewer Force Main	30	LF	\$ 252.00	\$ 7,560.00
21	8-inch PVC C-900 DR-18 Sewer Force Main	25	LF	\$ 300.00	\$ 7,500.00
22	4-inch PVC C-900 DR-18 Sewer Force Main	741	LF	\$ 90.00	\$ 66,690.00
23	4-inch Sewer Force Main Valve	2	EA	\$ 2,400.00	\$ 4,800.00
24	12-inch Sewer Force Main Valve	2	EA	\$ 5,800.00	\$ 11,600.00
25	48-inch RCP Storm Drain	69	LF	\$ 300.00	\$ 20,700.00

## WOODWARD AVENUE SEWER STORM DRAIN IMPROVEMENT PROJECT

ENGINEER ESTIMATE \$9,600,000

FEBRUARY 17, 2011

CONTRACTOR/CITY				DON KELLY CONST BOZEMAN, MT	
26	54-inch RCP Storm Drain	9,828	LF	\$ 210.00	\$ 2,063,880.00
27	SD Saddle Manhole per Detail 'T' Storm Drain Saddle MH	26	EA	\$ 12,000.00	\$ 312,000.00
28	<del>Junction Manhole (Storm)</del>	0	<del>EA</del>	\$ -	\$ -
29	54" 45° Pre-fabricated Pipe Joint	7	EA	\$ 4,600.00	\$ 32,200.00
30	Storm Drain Lift Station	1	EA	\$ 100,000.00	\$ 100,000.00
31	Storm Drain Trench Dam	11	EA	\$ 6,000.00	\$ 66,000.00
32	6" Storm Drain Force Main	28	LF	\$ 165.00	\$ 4,620.00
33	8" Storm Drain Force Main	58	LF	\$ 162.00	\$ 9,396.00
34	Connect to Existing Storm Drain	4	EA	\$ 4,700.00	\$ 18,800.00
35	Storm Drain / SSJID Connection	1	EA	\$ 8,400.00	\$ 8,400.00
36	Plug Existing 66" Storm Drain	1	EA	\$ 4,200.00	\$ 4,200.00
37	12-inch PVC CL200 C900 DR-18 Water	6,384	LF	\$ 65.00	\$ 414,960.00
38	12-inch Gate Valve	18	EA	\$ 4,200.00	\$ 75,600.00
39	Re-Connect Fire Hydrant	10	EA	\$ 3,600.00	\$ 36,000.00
40	Re-Connect ARV	1	EA	\$ 3,500.00	\$ 3,500.00
41	Connect to Existing Water	13	EA	\$ 3,000.00	\$ 39,000.00
42	48-inch RGRCP Irrigation	1,055	LF	\$ 160.00	\$ 168,800.00
43	42-inch RGRCP Irrigation	54	LF	\$ 350.00	\$ 18,900.00
44	36-inch RGRCP Irrigation	55	LF	\$ 325.00	\$ 17,875.00
45	30-inch RGRCP Irrigation	60	LF	\$ 275.00	\$ 16,500.00
46	Irrigation Pressure Manhole	1	EA	\$ 15,500.00	\$ 15,500.00
47	48"x42" Irrigation Reducer	1	EA	\$ 6,300.00	\$ 6,300.00
48	24" Irrigation "C" Structure	4	EA	\$ 10,000.00	\$ 40,000.00
49	30" Irrigation "C" Structure	2	EA	\$ 12,000.00	\$ 24,000.00
50	Connect to Existing Irrigation (Field Collar)	21	EA	\$ 2,100.00	\$ 44,100.00
51	Irrigation Pipe Inlet / Outfall Structure	1	EA	\$ 28,000.00	\$ 28,000.00
52	4-inch Aggregate Base Rock	11,382	TON	\$ 18.00	\$ 204,876.00
53	4-inch Asphalt Concrete Pavement	11,382	TON	\$ 80.00	\$ 910,560.00
54	Trenchpatch (4" Sewer Force Main)	705	LF	\$ 30.00	\$ 21,150.00
55	<del>Survey Construction Staking Services</del>	1	<del>LS</del>	\$ -	\$ -
56	Survey all Existing Monuments on Woodward Ave, Tie Monuments and submit a map to City	1	LS	\$ 5,500.00	\$ 5,500.00
57	Submit a Corner Record/Record of Survey to County Surveyor Prior to Removing any Monuments	1	LS	\$ 4,300.00	\$ 4,300.00

## WOODWARD AVENUE SEWER STORM DRAIN IMPROVEMENT PROJECT

ENGINEER ESTIMATE \$9,600,000

FEBRUARY 17, 2011

CONTRACTOR/CITY				DON KELLY CONST BOZEMAN, MT	
	Reset all Removed Centerline	12	EA		
58	Monuments			\$ 2,500.00	\$ 30,000.00
59	Striping	1	LS	\$ 55,000.00	\$ 55,000.00
60	Median Curb per City Std. ST-34 (Detail A-2)	6610	LF	\$ 16.00	\$ 105,760.00
61	3" Irrigation Sleeves	32	EA	\$ 650.00	\$ 20,800.00
62	Reconstruct Gated Entrance Feature at APN 224-021-31 (approximately station 134+40)	1	LS	\$ 55,000.00	\$ 55,000.00
63	Fence Replacement	950	LF	\$ 25.00	\$ 23,750.00
64	Driveway Restoration	69	EA	\$ 775.00	\$ 53,475.00
65	Planter Preparation & Weed Control	1	LS	\$ 17,000.00	\$ 17,000.00
66	Irrigation System	1	LS	\$ 25,000.00	\$ 25,000.00
67	15 Gallon Tree (include 10 fertilizer tabs and 9-ft stakes)	146	EA	\$ 130.00	\$ 18,980.00
68	Arbor Mulch Top Dressing (3" layer)	322	CY	\$ 47.00	\$ 15,134.00
69	2-inch Water Service	10	EA	\$ 2,400.00	\$ 24,000.00
70	2" Backflow Assembly, Concrete Pad & Enclosure (per Detail)	10	EA	\$ 2,000.00	\$ 20,000.00
71	90 day Maintenance Period	1	LS	\$ 1,350.00	\$ 1,350.00
72	Sheeting, Shoring & Bracing	1	LS	\$ 250,000.00	\$ 250,000.00
73	Traffic Control	1	LS	\$ 175,000.00	\$ 175,000.00
74	SWPP Compliance	1	LS	\$ 35,000.00	\$ 35,000.00
75	Demobilization & Contract Closeout	1	LS	\$ 35,000.00	\$ 35,000.00
<b>TOTAL BID</b>					<b>\$ 14,887,246.00</b>

SECTION 00430

PROPOSED SUBCONTRACTORS

Pursuant to California Public Contracting Code, Section 4100 et. seq., the following list gives the name, business address, and portion of work (description of work to be done) for each subcontractor that will be used in the work if the bidder is awarded the Contract. (Additional supporting data may be attached to this page. Each page shall be sequentially numbered, and headed "Proposed Subcontractors" and shall be signed.)

Name	Business Address	Description of Work	% of Work	<sup>1</sup> Status
Kaylen Traffic Control	Clavis	Traffic Control	1% +/-	W
Boyermon Wood	Stockton	Electrical	1/2% +/-	W
Amerine Systems Inc	Mariposa	Landscaping	1% +/-	
<del>ABC</del> De Silva Gate	Dublin, CA	Grading/AB/AC	16% +/-	
Viking Drilling	Sac. CA	Dewatering	7% +/-	W
Vanguard Const	Livermore	Concrete	1% +/-	
Centerline Striping Co.	Elk Grove	Striping	1/2% +/-	

Floyd Johnston Const. Co., Inc.  
 Evelyn Johnston  
 Name of Bidder Secretary

<sup>1</sup> Status  
 M = Minority Owned Business Enterprise.  
 W = Women Owned Business Enterprise.

\*\*\* END OF SECTION \*\*\*



SECTION 00430

PROPOSED SUBCONTRACTORS

Pursuant to California Public Contracting Code, Section 4100 et. seq., the following list gives the name, business address, and portion of work (description of work to be done) for each subcontractor that will be used in the work if the bidder is awarded the Contract. (Additional supporting data may be attached to this page. Each page shall be sequentially numbered, and headed "Proposed Subcontractors" and shall be signed.)

Name	Business Address	Description of Work	% of Work	Status
Viking Drillers Inc	801 North Port Dr West Sac, Ca 95791	(P) dewatering	6%	W, SBE
Hansen Painting	Po Box 5385 Sac, Ca 95817	epoxy coating	1/2%	N/A
Backmon & wood Electric	Po Box 1018 Stockton Ca 95201	electrical (P)	1/2%	N/A
east bay construction Co.	1925 north mcArthur dr. Tracy Ca 95376	landscaping	1%	n/a
Desilva Gates Construction	PO Box 209 Dublin Ca 94568	grading/paving (P)	10%	n/a
wayne Esuisher cement	2620 east 12th St Antioch Ca 94509	concrete (P)	1%	n/a

MARQUES PIPELINE, INC.  
Name of Bidder

Status M = Minority Owned Business Enterprise.  
W = Women Owned Business Enterprise.

\*\*\* END OF SECTION \*\*\*

SECTION 00430

PROPOSED SUBCONTRACTORS

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Name	Business Address	Description of Work	% of Work	<sup>1</sup> Status
Viking Driller	801 North Port Dr W. Sacramento Ca 95831	DEWATERING	7%	
Odyssey	5400 W Highway 12 Lodi Ca 95242	LANDSCAPE / IRRIGATION	5%	
Centerline Strip	9847 Dino Dr. Elk Grove Ca 95624	STRIPPING	3%	
Kent's Oil Seed	3310 E. Minner Ave Stockton Ca 95206	PRIME COAT	6%	
Mason Painting	P.O. Box 1105 Sacramento Ca 95662	EPOXY COATING	6%	
Beckman & Woody	P.O. Box 1318 Stockton Ca 95201	ELECTRICAL	6%	

**Emmett's Excavation, Inc**

Name of Bidder

<sup>1</sup> Status  
**M = Minority Owned Business Enterprise.**  
**W = Women Owned Business Enterprise.**

\*\*\* END OF SECTION \*\*\*