

El Camino Real Sewer Main Improvements, City Project No. 85970 & Adeline Water Main Improvements, City Project No. 84891				Engineer's Estimate		Darcy & Harty Construction, Inc.		Con-Quest Contractors, Inc.		Cratus, Inc.		KJ Woods Construction Inc.		EPS Inc. dba Express Plumbing	
	Description of Item	Estimated Quantity	Unit	Unit Price	Total Cost	Unit Price	Total Cost	Unit Price	Total Cost	Unit Price	Total Cost	Unit Price	Total Cost	Unit Price	Total Cost
Base Bid Schedule:															
Sewer															
S1	Mobilization	1	LS	5%	\$ 90,500.00	\$60,000.00	\$ 60,000.00	\$ 168,000.00	\$ 168,000.00	\$100,000.00	\$ 100,000.00	\$ 120,000.00	\$ 120,000.00	\$150,000.00	\$ 150,000.00
S2	Traffic Control	1	LS	\$ 40,000.00	\$ 40,000.00	\$ 130,000.00	\$ 130,000.00	\$ 40,000.00	\$ 40,000.00	\$ 50,000.00	\$ 50,000.00	\$ 75,000.00	\$ 75,000.00	\$ 75,000.00	\$ 75,000.00
S3	Sheeting, Shoring, & Bracing	1	LS	\$ 24,000.00	\$ 24,000.00	\$ 150,000.00	\$ 150,000.00	\$ 15,000.00	\$ 15,000.00	\$ 30,000.00	\$ 30,000.00	\$ 88,000.00	\$ 88,000.00	\$ 25,000.00	\$ 25,000.00
S4	Construction Staking and Survey	1	LS	\$ 8,000.00	\$ 8,000.00	\$ 5,000.00	\$ 5,000.00	\$ 1,000.00	\$ 1,000.00	\$ 5,000.00	\$ 5,000.00	\$ 10,000.00	\$ 10,000.00	\$ 15,000.00	\$ 15,000.00
S5	Site Investigation and Potholing	1	LS	\$ 12,000.00	\$ 12,000.00	\$ 10,000.00	\$ 10,000.00	\$ 15,000.00	\$ 15,000.00	\$ 10,000.00	\$ 10,000.00	\$ 22,000.00	\$ 22,000.00	\$ 25,000.00	\$ 25,000.00
S6	Stormwater Pollution Prevention	1	LS	\$ 6,500.00	\$ 6,500.00	\$ 3,000.00	\$ 3,000.00	\$ 5,000.00	\$ 5,000.00	\$ 2,500.00	\$ 2,500.00	\$ 10,000.00	\$ 10,000.00	\$ 10,000.00	\$ 10,000.00
S7	Caltrans Permit	1	LS	\$ 5,000.00	\$ 5,000.00	\$ 5,000.00	\$ 5,000.00	\$ 5,000.00	\$ 5,000.00	\$ 5,000.00	\$ 5,000.00	\$ 5,000.00	\$ 5,000.00	\$ 5,000.00	\$ 5,000.00
S8	Remove and Replace Sidewalk	400	SF	\$ 60.00	\$ 24,000.00	\$ 15.00	\$ 6,000.00	\$ 75.00	\$ 30,000.00	\$ 30.00	\$ 12,000.00	\$ 20.00	\$ 8,000.00	\$ 325.00	\$ 130,000.00
S9	8" HDPE (SDR17) Sanitary Sewer Pipe - Open Trench	534	LF	\$ 400.00	\$ 213,600.00	\$ 390.00	\$ 208,260.00	\$ 600.00	\$ 320,400.00	\$ 480.00	\$ 256,320.00	\$ 600.00	\$ 320,400.00	\$ 450.00	\$ 240,300.00
S10	8" HDPE (SDR17) Sanitary Sewer Pipe - Pipe Burst	1394	LF	\$ 325.00	\$ 453,050.00	\$ 325.00	\$ 453,050.00	\$ 140.00	\$ 195,160.00	\$ 470.00	\$ 655,180.00	\$ 350.00	\$ 487,900.00	\$ 200.00	\$ 278,800.00
S11	10" HDPE (SDR17) Sanitary Sewer Pipe - Open Trench	299	LF	\$ 450.00	\$ 134,550.00	\$ 415.00	\$ 124,085.00	\$ 600.00	\$ 179,400.00	\$ 490.00	\$ 146,510.00	\$ 640.00	\$ 191,360.00	\$ 450.00	\$ 134,550.00
S12	10" HDPE (SDR17) Sanitary Sewer Pipe - Pipe Burst	626	LF	\$ 375.00	\$ 234,750.00	\$ 355.00	\$ 222,230.00	\$ 207.00	\$ 129,582.00	\$ 480.00	\$ 300,480.00	\$ 400.00	\$ 250,400.00	\$ 220.00	\$ 137,720.00
S13	12" HDPE (SDR17) Sanitary Sewer Pipe - Open Trench	180	LF	\$ 500.00	\$ 90,000.00	\$ 445.00	\$ 80,100.00	\$ 725.00	\$ 130,500.00	\$ 525.00	\$ 94,500.00	\$ 700.00	\$ 126,000.00	\$ 700.00	\$ 126,000.00
S14	12" HDPE (SDR17) Sanitary Sewer Pipe - Pipe Burst	490	LF	\$ 425.00	\$ 208,250.00	\$ 385.00	\$ 188,650.00	\$ 245.00	\$ 120,050.00	\$ 500.00	\$ 245,000.00	\$ 500.00	\$ 245,000.00	\$ 220.00	\$ 107,800.00
S15	8" VCP Sanitary Sewer Pipe - Spot Repair	30	LF	\$ 5,075.00	\$ 152,250.00	\$ 450.00	\$ 13,500.00	\$ 1,200.00	\$ 36,000.00	\$ 800.00	\$ 24,000.00	\$ 500.00	\$ 15,000.00	\$ 800.00	\$ 24,000.00
S16	6" Sewer Lateral - SDR17 HDPE (Open Trench)	106	LF	\$ 350.00	\$ 37,100.00	\$ 200.00	\$ 21,200.00	\$ 535.00	\$ 56,710.00	\$ 200.00	\$ 21,200.00	\$ 200.00	\$ 21,200.00	\$ 600.00	\$ 63,600.00
S17	Replace and Reconnect Existing Sewer Lateral	25	EA	\$ 3,500.00	\$ 87,500.00	\$ 2,500.00	\$ 62,500.00	\$ 3,300.00	\$ 82,500.00	\$ 3,200.00	\$ 80,000.00	\$ 2,500.00	\$ 62,500.00	\$ 350.00	\$ 8,750.00
S18	Install New Sewer Lateral Cleanout	28	EA	\$ 1,500.00	\$ 42,000.00	\$ 800.00	\$ 22,400.00	\$ 1,300.00	\$ 36,400.00	\$ 800.00	\$ 22,400.00	\$ 500.00	\$ 14,000.00	\$ 1,800.00	\$ 50,400.00
S19	Install New Manhole	2	EA	\$ 6,000.00	\$ 12,000.00	\$ 12,500.00	\$ 25,000.00	\$ 19,000.00	\$ 38,000.00	\$ 11,000.00	\$ 22,000.00	\$ 16,000.00	\$ 32,000.00	\$ 21,000.00	\$ 42,000.00
S20	Adjust Existing Manhole to Grade	1	EA	\$ 2,000.00	\$ 2,000.00	\$ 2,000.00	\$ 2,000.00	\$ 1,750.00	\$ 1,750.00	\$ 2,500.00	\$ 2,500.00	\$ 2,920.00	\$ 2,920.00	\$ 11,000.00	\$ 11,000.00
S21	Striping & Signage	1	LS	\$ 2,000.00	\$ 2,000.00	\$ 10,000.00	\$ 10,000.00	\$ 19,000.00	\$ 19,000.00	\$ 20,000.00	\$ 20,000.00	\$ 9,000.00	\$ 9,000.00	\$ 50,000.00	\$ 50,000.00
S22	Class 2 Contaminated Soil Disposal	250	CY	\$ 90.00	\$ 22,500.00	\$ 50.00	\$ 12,500.00	\$ 196.00	\$ 49,000.00	\$ 75.00	\$ 18,750.00	\$ 80.00	\$ 20,000.00	\$ 300.00	\$ 75,000.00
S23	Class 1 Contaminated Soil Disposal	16	CY	\$ 210.00	\$ 3,360.00	\$ 190.00	\$ 3,040.00	\$ 424.00	\$ 6,784.00	\$ 200.00	\$ 3,200.00	\$ 200.00	\$ 3,200.00	\$ 300.00	\$ 4,800.00
S24	Class 3 Soil Disposal	16	CY	\$ 90.00	\$ 1,440.00	\$ 20.00	\$ 320.00	\$ 324.00	\$ 5,184.00	\$ 75.00	\$ 1,200.00	\$ 70.00	\$ 1,120.00	\$ 300.00	\$ 4,800.00
				Subtotal	\$ 1,906,350.00		\$ 1,817,835.00		\$ 1,685,420.00		\$ 2,127,740.00		\$ 2,140,000.00		\$ 1,794,520.00
Water															
W1	Mobilization	1	LS	5%	\$ 10,400.00	\$ 20,000.00	\$ 20,000.00	\$ 41,000.00	\$ 41,000.00	\$ 15,000.00	\$ 15,000.00	\$ 20,000.00	\$ 20,000.00	\$ 150,000.00	\$ 150,000.00
W2	Traffic Control	1	LS	\$ 5,000.00	\$ 5,000.00	\$ 50,000.00	\$ 50,000.00	\$ 10,000.00	\$ 10,000.00	\$ 35,000.00	\$ 35,000.00	\$ 15,000.00	\$ 15,000.00	\$ 75,000.00	\$ 75,000.00
W3	Sheeting, Shoring, & Bracing	1	LS	\$ 15,000.00	\$ 15,000.00	\$ 20,000.00	\$ 20,000.00	\$ 5,000.00	\$ 5,000.00	\$ 8,000.00	\$ 8,000.00	\$ 15,000.00	\$ 15,000.00	\$ 25,000.00	\$ 25,000.00
W4	Construction Staking and Survey	1	LS	\$ 2,000.00	\$ 2,000.00	\$ 2,000.00	\$ 2,000.00	\$ 1,000.00	\$ 1,000.00	\$ 1,000.00	\$ 1,000.00	\$ 2,000.00	\$ 2,000.00	\$ 15,000.00	\$ 15,000.00
W5	Site Investigation and Potholing	1	LS	\$ 5,000.00	\$ 5,000.00	\$ 3,000.00	\$ 3,000.00	\$ 5,000.00	\$ 5,000.00	\$ 5,000.00	\$ 5,000.00	\$ 2,660.00	\$ 2,660.00	\$ 25,000.00	\$ 25,000.00
W6	Stormwater Pollution Prevention	1	LS	\$ 1,500.00	\$ 1,500.00	\$ 3,000.00	\$ 3,000.00	\$ 10,000.00	\$ 10,000.00	\$ 1,000.00	\$ 1,000.00	\$ 2,000.00	\$ 2,000.00	\$ 10,000.00	\$ 10,000.00
W7	Caltrans Permit	1	LS	\$ 5,000.00	\$ 5,000.00	\$ 5,000.00	\$ 5,000.00	\$ 5,000.00	\$ 5,000.00	\$ 5,000.00	\$ 5,000.00	\$ 5,000.00	\$ 5,000.00	\$ 5,000.00	\$ 5,000.00
W8	6" Water Main - DIP	390	LF	\$ 260.00	\$ 101,400.00	\$ 350.00	\$ 136,500.00	\$ 545.00	\$ 212,550.00	\$ 400.00	\$ 156,000.00	\$ 500.00	\$ 195,000.00	\$ 750.00	\$ 292,500.00
W9	6" Fitting - 45 Degree Bend & Thrust Block	12	EA	\$ 850.00	\$ 10,200.00	\$ 800.00	\$ 9,600.00	\$ 1,650.00	\$ 19,800.00	\$ 700.00	\$ 8,400.00	\$ 800.00	\$ 9,600.00	\$ 1,200.00	\$ 14,400.00
W10	6"x6" Fitting - Tee & Thrust Block	2	EA	\$ 1,150.00	\$ 2,300.00	\$ 1,500.00	\$ 3,000.00	\$ 2,700.00	\$ 5,400.00	\$ 1,000.00	\$ 2,000.00	\$ 1,500.00	\$ 3,000.00	\$ 3,000.00	\$ 6,000.00
W11	6" Gate Valve	2	EA	\$ 2,425.00	\$ 4,850.00	\$ 2,500.00	\$ 5,000.00	\$ 3,400.00	\$ 6,800.00	\$ 3,500.00	\$ 7,000.00	\$ 1,800.00	\$ 3,600.00	\$ 4,500.00	\$ 9,000.00
W12	6" Blind Flange	1	EA	\$ 250.00	\$ 250.00	\$ 500.00	\$ 500.00	\$ 1,100.00	\$ 1,100.00	\$ 700.00	\$ 700.00	\$ 240.00	\$ 240.00	\$ 2,100.00	\$ 2,100.00
W13	Fire Hydrant Assembly	1	EA	\$ 15,000.00	\$ 15,000.00	\$ 12,000.00	\$ 12,000.00	\$ 29,000.00	\$ 29,000.00	\$ 20,000.00	\$ 20,000.00	\$ 14,000.00	\$ 14,000.00	\$ 12,000.00	\$ 12,000.00
W14	Connect to Existing 6" Water Main	2	EA	\$ 7,250.00	\$ 14,500.00	\$ 3,500.00	\$ 7,000.00	\$ 10,500.00	\$ 21,000.00	\$ 10,000.00	\$ 20,000.00	\$ 5,000.00	\$ 10,000.00	\$ 15,000.00	\$ 30,000.00
W15	Remove Existing Blow Off Valve	2	EA	\$ 640.00	\$ 1,280.00	\$ 1,000.00	\$ 2,000.00	\$ 220.00	\$ 440.00	\$ 800.00	\$ 1,600.00	\$ 1,000.00	\$ 2,000.00	\$ 10,000.00	\$ 20,000.00
W16	Temporary Service Connections	2	EA	\$ 1,125.00	\$ 2,250.00	\$ 1,500.00	\$ 3,000.00	\$ 5,800.00	\$ 11,600.00	\$ 2,000.00	\$ 4,000.00	\$ 2,500.00	\$ 5,000.00	\$ 20,000.00	\$ 40,000.00
W17	Remove and Replace Sidewalk	40	SF	\$ 35.00	\$ 1,400.00	\$ 20.00	\$ 800.00	\$ 78.00	\$ 3,120.00	\$ 25.00	\$ 1,000.00	\$ 20.00	\$ 800.00	\$ 200.00	\$ 8,000.00
W18	Remove and Replace Curb & Gutter	10	LF	\$ 80.00	\$ 800.00	\$ 150.00	\$ 1,500.00	\$ 280.00	\$ 2,800.00	\$ 70.00	\$ 700.00	\$ 88.00	\$ 880.00	\$ 225.00	\$ 2,250.00
W19	Remove and Replace Traffic Detector Groups	1	LS	\$ 1,900.00	\$ 1,900.00	\$ 5,000.00	\$ 5,000.00	\$ 12,700.00	\$ 12,700.00	\$ 7,000.00	\$ 7,000.00	\$ 11,000.00	\$ 11,000.00	\$ 10,000.00	\$ 10,000.00
W20	Temporary Blow Off Valves	1	EA	\$ 3,100.00	\$ 3,100.00	\$ 3,000.00	\$ 3,000.00	\$ 7,100.00	\$ 7,100.00	\$ 2,500.00	\$ 2,500.00	\$ 2,500.00	\$ 2,500.00	\$ 750.00	\$ 750.00
W21	Class 2 Contaminated Soil Disposal	30	CY	\$ 90.00	\$ 2,700.00	\$ 50.00	\$ 1,500.00	\$ 270.00	\$ 8,100.00	\$ 75.00	\$ 2,250.00	\$ 80.00	\$ 2,400.00	\$ 300.00	\$ 9,000.00
W22	Dielectric Blanket Allowance	2	EA	\$ 700.00	\$ 1,400.00	\$ 1,500.00	\$ 3,000.00	\$ 4,250.00	\$ 8,500.00	\$ 300.00	\$ 600.00	\$ 10,000.00	\$ 20,000.00	\$ 15,000.00	\$ 30,000.00
W23	Striping & Signage	1	LS	\$ 3,000.00	\$ 3,000.00	\$ 5,000.00	\$ 5,000.00	\$ 6,300.00	\$ 6,300.00	\$ 10,000.00	\$ 10,000.00	\$ 2,000.00	\$ 2,000.00	\$ 15,000.00	\$ 15,000.00
W24	Class 1 Contaminated Soil Disposal	16	CY	\$ 210.00	\$ 3,360.00	\$ 190.00	\$ 3,040.00	\$ 424.00	\$ 6,784.00	\$ 200.00	\$ 3,200.00	\$ 200.00	\$ 3,200.00	\$ 300.00	\$ 4,800.00
W25	Class 3 Soil Disposal	16	CY	\$ 90.00	\$ 1,440.00	\$ 20.00	\$ 320.00	\$ 324.00	\$ 5,184.00	\$ 75.00	\$ 1,200.00	\$ 70.00	\$ 1,120.00	\$ 300.00	\$ 4,800.00
				Subtotal	\$ 215,030.00		\$ 304,760.00		\$ 445,278.00		\$ 318,150.00		\$ 348,000.00		\$ 815,600.00
	Total Project Construction Cost				\$ 2,121,380.00		\$ 2,122,595.00		\$ 2,130,698.00		\$ 2,445,890.00		\$ 2,488,000.00		\$ 2,610,120.00