

ESTIMATE: **Shoreview Dr./Venetian Rd. Main Replacement**

DATE: **October 9, 2007**

CWO: **08-02**

Item	Description	Quantity	Unit	Engineer's Estimate		Pacific Underground Const., Inc. San Jose, CA		Granite Const., Co. Watsonville, CA	
				Unit Cost	Total Amount	Unit Cost	Total Amount	Unit Cost	Total Amount
1	Installation of 6" water main in Shoreview Dr.	1380	LF	\$120.00	\$165,600.00	\$94.00	\$129,720.00	\$74.00	\$102,120.00
2	Installation of 6" water main in Venetian Rd.	415	LF	\$120.00	\$49,800.00	\$94.00	\$39,010.00	\$76.00	\$31,540.00
3	Installation of 4" service manifold	20	LF	\$110.00	\$2,200.00	\$340.00	\$6,800.00	\$230.00	\$4,600.00
4	Installation of Chlorination Tap	3	LF	\$960.00	\$2,880.00	\$1,000.00	\$3,000.00	\$600.00	\$1,800.00
5	Installation of 2" Permanent Blow-off Assembly	3	LF	\$1,400.00	\$4,200.00	\$1,430.00	\$4,290.00	\$2,200.00	\$6,600.00
6	Replacement of 1-inch Domestic Service	41	EA	\$1,850.00	\$75,850.00	\$990.00	\$40,590.00	\$2,470.00	\$101,270.00
7	Reconnection of 2-inch Combination Fire and Domestic Service	3	EA	\$2,100.00	\$6,300.00	\$1,459.00	\$4,377.00	\$3,000.00	\$9,000.00
	Reconnection of existing 6-inch steamer Fire Hydrant w/6" lateral and Gate Valve	1	EA	\$4,200.00	\$4,200.00	\$2,431.00	\$2,431.00	\$3,200.00	\$3,200.00
10	Installation of J-3740 Steamer Fire Hydrant, w/6" lateral & Gate Valve	2	EA	\$5,900.00	\$11,800.00	\$6,810.00	\$13,620.00	\$5,800.00	\$11,600.00
11	Tie-in existing 8" AC main at Shoreview Dr. and Aptos Beach Dr.	1	LS	\$8,668.00	\$8,668.00	\$2,400.00	\$2,400.00	\$5,000.00	\$5,000.00
12	8" Hot-tap at Venetian rd. and Aptos Beach Dr.	1	LS	\$6,418.00	\$6,418.00	\$6,000.00	\$6,000.00	\$4,000.00	\$4,000.00
13	6" Hot tap at Marina Ave.	1	LS	\$6,000.00	\$6,000.00	\$5,033.00	\$5,033.00	\$2,150.00	\$2,150.00
14	Abandon existing 4" & 2" Shoreview Dr. water main Aptos Beach Dr. to ends	1	LS	\$3,560.00	\$3,560.00	\$500.00	\$500.00	\$3,243.00	\$3,243.00
15	Abandon existing 2" & 1" Venetian Rd. water main from Aptos Beach Dr. to end	1	LS	\$3,010.00	\$3,010.00	\$2,000.00	\$2,000.00	\$2,000.00	\$2,000.00
16	Type III Slurry Seal per Cal-Trans Standard Specifications, Section 37-2 on Shoreview Dr.	36,125	SF	\$0.40	\$14,450.00	\$0.45	\$16,256.25	\$0.20	\$7,225.00
17	Type III Slurry Seal per Cal-Trans Standard Specifications, Section 37-2 on Venetian Rd., from Aptos Beach Dr. to Marina Ave.	14,800	SF	\$0.40	\$5,920.00	\$0.45	\$6,660.00	\$0.20	\$2,960.00
					\$370,856.00		\$282,687.25		\$298,308.00

Apparent Low Bidder:	Amount
<b>Pacific Underground Const., Inc.</b>	<b>\$282,687.25</b>

Item	Description	Quantity	Unit	McGuire & Hester Oakland, CA		The Don Chapin Co. Inc. Salinas, CA		Pavex Construction San Jose, CA	
				Unit Cost	Total Amount	Unit Cost	Total Amount	Unit Cost	Total Amount
1	Installation of 6" water main in Shoreview Dr.	1380	EA	\$92.00	\$126,960.00	\$115.00	\$158,700.00	\$100.00	\$138,000.00
2	Installation of 6" water main in Venetian Rd.	415	EA	\$95.00	\$39,425.00	\$127.00	\$52,705.00	\$100.00	\$41,500.00
3	Installation of 4" service manifold	20	EA	\$90.00	\$1,800.00	\$55.00	\$1,100.00	\$250.00	\$5,000.00
4	Installation of Chlorination Tap	3	EA	\$815.00	\$2,445.00	\$800.00	\$2,400.00	\$2,000.00	\$6,000.00
5	Installation of 2" Permanent Blow-off Assembly	3	EA	\$1,600.00	\$4,800.00	\$1,500.00	\$4,500.00	\$3,000.00	\$9,000.00
6	Replacement of 1-inch Domestic Service	41	EA	\$2,350.00	\$96,350.00	\$1,900.00	\$77,900.00	\$1,802.00	\$73,882.00
7	Reconnection of 2-inch Combination Fire and Domestic Service	3	EA	\$1,250.00	\$3,750.00	\$900.00	\$2,700.00	\$2,500.00	\$7,500.00
	Reconnection of existing 6-inch steamer Fire Hydrant w/6" lateral and Gate Valve	1	EA	\$2,100.00	\$2,100.00	\$3,400.00	\$3,400.00	\$4,000.00	\$4,000.00
10	Installation of J-3740 Steamer Fire Hydrant, w/6" lateral & Gate Valve	2	EA	\$5,800.00	\$11,600.00	\$5,000.00	\$10,000.00	\$6,000.00	\$12,000.00
11	Tie-in existing 8" AC main at Shoreview Dr. and Aptos Beach Dr.	1	LS	\$3,030.00	\$3,030.00	\$4,500.00	\$4,500.00	\$6,000.00	\$6,000.00
12	8" Hot-tap at Venetian rd. and Aptos Beach Dr.	1	LS	\$4,000.00	\$4,000.00	\$5,500.00	\$5,500.00	\$7,000.00	\$7,000.00
13	6" Hot tap at Marina Ave.	1	LS	\$4,000.00	\$4,000.00	\$5,400.00	\$5,400.00	\$7,000.00	\$7,000.00
14	Abandon existing 4" & 2" Shoreview Dr. water main Aptos Beach Dr. to ends	1	LS	\$520.00	\$520.00	\$850.00	\$850.00	\$6,000.00	\$6,000.00
15	Abandon existing 2" & 1" Venetian Rd. water main from Aptos Beach Dr. to end	1	LS	\$520.00	\$520.00	\$850.00	\$850.00	\$6,000.00	\$6,000.00
16	Type II Slurry Seal per Cal-Trans Standard Specifications, Section 37-2 on Shoreview Dr.	36,125	SF	\$0.34	\$12,282.50	\$0.36	\$13,005.00	\$0.60	\$21,675.00
17	Type II Slurry Seal per Cal-Trans Standard Specifications, Section 37-2 on Venetian Rd., from Aptos Beach Dr. to Marina Ave.	14,800	SF	\$0.34	\$5,032.00	\$0.36	\$5,328.00	\$0.60	\$8,880.00
					\$318,614.50		\$348,838.00		\$359,437.00

Item	Description	Quantity	Unit	Monterey Peninsula Eng. Marina, CA		HSR, Inc. Santa Clara, CA	
				Unit Cost	Total Amount	Unit Cost	Total Amount
1	Installation of 6" water main in Shoreview Dr.	1380	EA	\$100.00	\$138,000.00	\$250.00	\$345,000.00
2	Installation of 6" water main in Venetian Rd.	415	EA	\$105.00	\$43,575.00	\$200.00	\$83,000.00
3	Installation of 4" service manifold	20	EA	\$185.00	\$3,700.00	\$750.00	\$15,000.00
4	Installation of Chlorination Tap	3	EA	\$750.00	\$2,250.00	\$5,000.00	\$15,000.00
5	Installation of 2" Permanent Blow-off Assembly	3	EA	\$1,200.00	\$3,600.00	\$6,500.00	\$19,500.00
6	Replacement of 1-inch Domestic Service	41	EA	\$2,500.00	\$102,500.00	\$5,750.00	\$235,750.00
7	Reconnection of 2-inch Combination Fire and Domestic Service	3	EA	\$3,500.00	\$10,500.00	\$5,500.00	\$16,500.00
	Reconnection of existing 6-inch steamer Fire Hydrant w/6" lateral and Gate Valve	1	EA	\$4,000.00	\$4,000.00	\$7,000.00	\$7,000.00
10	Installation of J-3740 Steamer Fire Hydrant, w/6" lateral & Gate Valve	2	EA	\$5,500.00	\$11,000.00	\$10,000.00	\$20,000.00
11	Tie-in existing 8" AC main at Shoreview Dr. and Aptos Beach Dr.	1	LS	\$4,000.00	\$4,000.00	\$12,000.00	\$12,000.00
12	8" Hot-tap at Venetian rd. and Aptos Beach Dr.	1	LS	\$6,500.00	\$6,500.00	\$11,500.00	\$11,500.00
13	6" Hot tap at Marina Ave.	1	LS	\$6,500.00	\$6,500.00	\$12,500.00	\$12,500.00
14	Abandon existing 4" & 2" Shoreview Dr. water main Aptos Beach Dr. to ends	1	LS	\$3,000.00	\$3,000.00	\$19,000.00	\$19,000.00
15	Abandon existing 2" & 1" Venetian Rd. water main from Aptos Beach Dr. to end	1	LS	\$3,000.00	\$3,000.00	\$20,000.00	\$20,000.00
16	Type II Slurry Seal per Cal-Trans Standard Specifications, Section 37-2 on Shoreview Dr.	36,125	SF	\$0.40	\$14,450.00	\$0.40	\$14,450.00
17	Type II Slurry Seal per Cal-Trans Standard Specifications, Section 37-2 on Venetian Rd., from Aptos Beach Dr. to Marina Ave.	14,800	SF	\$0.45	\$6,660.00	\$0.25	\$3,700.00
					\$363,235.00		\$849,900.00