CITY OF NEWPORT BEACH
PUBLIC WORKS DEPARTMENT

TITLE: **TSUNAMI WARNING SYSTEM**
CONTRACT NO.: **4152**
ENGINEER'S ESTIMATE: **$175,000.00**
PROJECT MANAGER: **BOB STEIN**

BID LOCATION: City Clerk's Office - City Hall
DATE: 16-Feb-10 TIME: 11:00
BY: _____ CHECKED: _____ DATE: _____

				ENGINEER'S ESTIMATE		INTERNATIONAL LINE BUILDERS		TRAFFIC DEVELOPMENT SERVICES		STEINY AND COMPANY, INC.	
ITEM	DESCRIPTION	QUANTITY		UNIT	AMOUNT	UNIT	AMOUNT	UNIT	AMOUNT	UNIT	AMOUNT
1	Mobilization/Demobilization and Cleanup	1	LS	12,000.00	12,000.00	2,000.00	2,000.00	7,000.00	7,000.00	5,740.00	5,740.00
2	Traffic Control	1	LS	5,000.00	5,000.00	2,000.00	2,000.00	9,000.00	9,000.00	700.00	700.00
3	Pull Boxes	5	EA	300.00	1,500.00	360.00	1,800.00	1,000.00	5,000.00	250.00	1,250.00
4	Conduit and Conductor	310	LF	100.00	31,000.00	21.00	6,510.00	59.00	18,290.00	24.00	7,440.00
5	Breakers and Connection to Existing 110 Volt Power Source	3	EA	500.00	1,500.00	100.00	300.00	100.00	300.00	280.00	840.00
6	Installation of 60-Foot Pole and Footing	3	EA	15,000.00	45,000.00	3,500.00	10,500.00	6,800.00	20,400.00	8,700.00	26,100.00
7	Pole Footing Design	1	LS	5,000.00	5,000.00	2,500.00	2,500.00	250.00	250.00	9,200.00	9,200.00
8	Tempest-128 Rotating Siren	3	EA	15,000.00	45,000.00	25,500.00	76,500.00	14,800.00	44,400.00	22,000.00	66,000.00
9	Irrigation System and Landscaping Protection and Restoration	1	LS	5,000.00	5,000.00	1,000.00	1,000.00	2,000.00	2,000.00	3,300.00	3,300.00
10	Command and Control System	1	EA	12,000.00	12,000.00	11,000.00	11,000.00	17,000.00	17,000.00	14,000.00	14,000.00
11	Testing and Commissioning Siren System	1	LS	7,000.00	7,000.00	4,500.00	4,500.00	5,000.00	5,000.00	9,600.00	9,600.00
12	Siren Equipment Operation and Maintenance Training	1	LS	5,000.00	5,000.00	4,200.00	4,200.00	5,000.00	5,000.00	5,500.00	5,500.00
				EE	175,000.00	LOW	122,810.00	2ND	133,640.00	3RD	149,670.00

				TAL CAL ENGINEERING		POINTER ENTERPRISES, INC.		DYNALECTRIC		HBA INCORPORATED	
ITEM	DESCRIPTION	QUANTITY		UNIT	AMOUNT	UNIT	AMOUNT	UNIT	AMOUNT	UNIT	AMOUNT
1	Mobilization/Demobilization and Cleanup	1	LS	25,000.00	25,000.00	7,200.00	7,200.00	11,779.00	11,779.00	3,450.00	3,450.00
2	Traffic Control	1	LS	4,500.00	4,500.00	2,880.00	2,880.00	5,889.00	5,889.00	4,795.00	4,795.00
3	Pull Boxes	5	EA	300.00	1,500.00	400.00	2,000.00	412.00	2,060.00	1,497.50	7,487.50
4	Conduit and Conductor	310	LF	40.00	12,400.00	48.00	14,880.00	55.00	17,050.00	85.14	26,393.40
5	Breakers and Connection to Existing 110 Volt Power Source	3	EA	1,500.00	4,500.00	1,440.00	4,320.00	946.00	2,838.00	185.90	557.70
6	Installation of 60-Foot Pole and Footing	3	EA	10,500.00	31,500.00	1,360.00	4,080.00	3,866.00	11,598.00	7,387.00	22,161.00
7	Pole Footing Design	1	LS	2,500.00	2,500.00	2,200.00	2,200.00	28,066.00	28,066.00	1,750.00	1,750.00
8	Tempest-128 Rotating Siren	3	EA	4,800.00	14,400.00	2,400.00	7,200.00	15,055.00	45,165.00	22,203.50	66,610.50
9	Irrigation System and Landscaping Protection and Restoration	1	LS	10,000.00	10,000.00	6,720.00	6,720.00	14,033.00	14,033.00	12,875.00	12,875.00
10	Command and Control System	1	EA	34,341.00	34,341.00	94,562.00	94,562.00	22,553.00	22,553.00	15,565.00	15,565.00
11	Testing and Commissioning Siren System	1	LS	4,600.00	4,600.00	3,900.00	3,900.00	4,240.00	4,240.00	4,589.00	4,589.00
12	Siren Equipment Operation and Maintenance Training	1	LS	4,500.00	4,500.00	4,500.00	4,500.00	4,240.00	4,240.00	4,356.00	4,356.00
				4TH	149,741.00	5TH	154,442.00	6TH	169,511.00	7TH	170,590.10