CITY OF NEWPORT BEACH
PUBLIC WORKS DEPARTMENT

TITLE: POLICE FACILITY GENERATOR REPLACEMENT
CONTRACT NO.: C-4066
ENGINEER'S ESTIMATE: $446,635.00
PROJECT MANAGER: T. Sandefur

BID LOCATION: City Clerk's Office - City Hall
DATE: 10-Jun-09 TIME: 10:00 A.M.
BY: T. Sandefur CHECKED: DATE:

ITEM	DESCRIPTION	QUANTITY		ENGINEER'S ESTIMATE UNIT	ENGINEER'S ESTIMATE AMOUNT	GAMMILL ELECTRIC, INC. UNIT	GAMMILL ELECTRIC, INC. AMOUNT	AMERICAN ELECTRIC CO. UNIT	AMERICAN ELECTRIC CO. AMOUNT	MEL SMITH ELECTRIC, INC. UNIT	MEL SMITH ELECTRIC, INC. AMOUNT
1	As-Builts	1	LS	5,000.00	5,000.00	3,500.00	3,500.00	1,000.00	1,000.00	2,400.00	2,400.00
2	Mobilization	1	EA	30,000.00	30,000.00	2,600.00	2,600.00	8,000.00	8,000.00	14,000.00	14,000.00
3	Furnish and Install New ATS	1	EA	25,000.00	25,000.00	11,000.00	11,000.00	12,000.00	12,000.00	9,700.00	9,700.00
4	Furnish and Install New Service Entrance Section	1	EA	50,000.00	50,000.00	16,000.00	16,000.00	16,000.00	16,000.00	18,500.00	18,500.00
5	Furnish and Install new 300kW Generator	1	EA	90,000.00	90,000.00	99,000.00	99,000.00	85,000.00	85,000.00	97,000.00	97,000.00
6	Furnish and Install Low Voltage Transformer and Panelboard	1	EA	20,000.00	20,000.00	8,800.00	8,800.00	9,000.00	9,000.00	8,500.00	8,500.00
7	Furnish and Install Electrical Conduit	1,250	LF	25.00	31,250.00	7.20	9,000.00	4.80	6,000.00	6.80	8,500.00
8	Furnish and Install Junction Boxes	1	EA	3,500.00	3,500.00	2,600.00	2,600.00	400.00	400.00	200.00	200.00
9	Wire, Fittings and Terminations	5,250	LF	15.00	78,750.00	3.25	17,062.50	7.62	40,005.00	3.62	19,005.00
10	Sawcut, Trench, Backfill, and Ductbanks	120	LF	95.00	11,400.00	242.00	29,040.00	166.67	20,000.40	220.00	26,400.00
11	Ground Rod with Test Access Well	1	EA	5,000.00	5,000.00	600.00	600.00	1,000.00	1,000.00	715.00	715.00
12	Provide Temporary Generator Set for Power	1	LS	15,000.00	15,000.00	8,900.00	8,900.00	15,000.00	15,000.00	11,700.00	11,700.00
13	Remove Existing Generator, ATS, Tank, and Battery	1	LS	35,000.00	35,000.00	4,000.00	4,000.00	6,000.00	6,000.00	10,500.00	10,500.00
14	Furnish and Install Generator Fuel Lines	35	LF	35.00	1,225.00	186.00	6,510.00	228.57	7,999.95	131.43	4,600.05
15	Connect to Existing Fuel Lines	1	LS	10,000.00	10,000.00	3,000.00	3,000.00	250.00	250.00	1,800.00	1,800.00
16	Abandon Portion of Existing Diesel Fuel Lines	1	LS	3,000.00	3,000.00	1,500.00	1,500.00	1,000.00	1,000.00	2,400.00	2,400.00
17	Structural Concrete	11	CY	1,000.00	11,000.00	1,000.00	11,000.00	1,363.64	15,000.04	581.82	6,400.02
18	Bar Reinforcing Steel	1,150	LB	5.00	5,750.00	1.05	1,207.50	0.87	1,000.50	1.65	1,897.50
19	Clear and Grub	1	LS	5,000.00	5,000.00	1,900.00	1,900.00	3,000.00	3,000.00	2,500.00	2,500.00
20	Excavation for Generator Pad	11	CY	100.00	1,100.00	246.00	2,706.00	90.91	1,000.01	200.00	2,200.00
21	Construct PCC Curb	36	LF	60.00	2,160.00	87.00	3,132.00	48.62	1,750.32	38.88	1,399.68
22	Generator Systems Testing and Acceptance	1	LS	7,500.00	7,500.00	2,900.00	2,900.00	2,000.00	2,000.00	3,000.00	3,000.00
				EE	446,635.00	LOW	245,958.00	2ND	252,406.22	3RD	253,317.25

AS-READ 252,400.00

ITEM	DESCRIPTION	QUANTITY		BEST ELECTRIC UNIT	BEST ELECTRIC AMOUNT	FORE ENGINEERING CONSTRUCTION UNIT	FORE ENGINEERING CONSTRUCTION AMOUNT	BREWSTER ELECTRIC, INC. UNIT	BREWSTER ELECTRIC, INC. AMOUNT	MINAKO AMERICA CORP. UNIT	MINAKO AMERICA CORP. AMOUNT
1	As-Builts	1	LS	583.00	583.00	1,500.00	1,500.00	1,000.00	1,000.00	1,500.00	1,500.00
2	Mobilization	1	EA	5,133.00	5,133.00	2,500.00	2,500.00	2,500.00	2,500.00	15,000.00	15,000.00
3	Furnish and Install New ATS	1	EA	10,059.00	10,059.00	10,132.00	10,132.00	10,000.00	10,000.00	33,000.00	33,000.00
4	Furnish and Install New Service Entrance Section	1	EA	23,438.00	23,438.00	9,375.00	9,375.00	20,000.00	20,000.00	37,000.00	37,000.00
5	Furnish and Install new 300kW Generator	1	EA	115,986.00	115,986.00	83,092.00	83,092.00	110,000.00	110,000.00	137,000.00	137,000.00
6	Furnish and Install Low Voltage Transformer and Panelboard	1	EA	9,676.00	9,676.00	15,650.00	15,650.00	5,000.00	5,000.00	17,000.00	17,000.00
7	Furnish and Install Electrical Conduit	1,250	LF	7.68	9,600.00	26.83	33,537.50	30.00	37,500.00	29.60	37,000.00
8	Furnish and Install Junction Boxes	1	EA	2,111.00	2,111.00	287.50	287.50	3,000.00	3,000.00	10,000.00	10,000.00
9	Wire, Fittings and Terminations	5,250	LF	2.90	15,225.00	6.62	34,755.00	5.00	26,250.00	7.05	37,012.50
10	Sawcut, Trench, Backfill, and Ductbanks	120	LF	115.15	13,818.00	188.23	22,587.60	83.34	10,000.80	141.67	17,000.40
11	Ground Rod with Test Access Well	1	EA	1,687.00	1,687.00	1,044.00	1,044.00	1,000.00	1,000.00	1,000.00	1,000.00
12	Provide Temporary Generator Set for Power	1	LS	42,974.00	42,974.00	12,884.00	12,884.00	18,000.00	18,000.00	3,000.00	3,000.00
13	Remove Existing Generator, ATS, Tank, and Battery	1	LS	1,936.00	1,936.00	5,717.00	5,717.00	7,500.00	7,500.00	7,000.00	7,000.00
14	Furnish and Install Generator Fuel Lines	35	LF	75.80	2,653.00	278.07	9,732.45	485.00	16,975.00	28.57	999.95
15	Connect to Existing Fuel Lines	1	LS	1,691.00	1,691.00	500.00	500.00	2,500.00	2,500.00	3,000.00	3,000.00
16	Abandon Portion of Existing Diesel Fuel Lines	1	LS	4,167.00	4,167.00	300.00	300.00	1,500.00	1,500.00	3,000.00	3,000.00
17	Structural Concrete	11	CY	492.00	5,412.00	2,350.00	25,850.00	454.55	5,000.05	181.82	2,000.02
18	Bar Reinforcing Steel	1,150	LB	2.12	2,438.00	2.00	2,300.00	1.31	1,506.50	1.74	2,001.00
19	Clear and Grub	1	LS	1,079.00	1,079.00	300.00	300.00	2,500.00	2,500.00	2,000.00	2,000.00
20	Excavation for Generator Pad	11	CY	98.00	1,078.00	400.00	4,400.00	90.90	999.90	181.82	2,000.02
21	Construct PCC Curb	36	LF	100.00	3,600.00	76.67	2,760.12	41.67	1,500.12	55.56	2,000.16
22	Generator Systems Testing and Acceptance	1	LS	7,465.00	7,465.00	5,400.00	5,400.00	10,000.00	10,000.00	7,500.00	7,500.00
				4TH	281,809.00	5TH	284,604.17	6TH	294,232.37	7TH	377,014.05

AS-READ 239,490.00 294,231.76 377,000.00