

Project Name :- JACKSON MEMORIAL MEDICAL CENTER

Location :-1695 N.W. 9 AVENUE, MIAMI, FLORIDA 33136

Estimate Date :- 26th February 2018

Estimator :- Tesbee Consultancy

Electrical Work

	Description	Unit	Qty	Material Rate	Material Amount	Labor Rate	Labor Amount	Labor Hour	Unit Rate	Amount
	Demolition									
1	Disconnect & Remove Existing Generator Annunciator Pannel	Nos	1	-	-	350.00	350.00	4.38	350.00	350.00
2	GFP Section to be removed	Nos	1	-	-	250.00	250.00	4.17	250.00	250.00
	Control & Devices									
3	Generator Control Shunt Push Button Lable "Generator Stop"	Nos	1	450.00	450.00	200.00	200.00	2.35	650.00	650.00
4	Single Pole Switch	Nos	2	30.00	60.00	120.00	240.00	4.80	150.00	300.00
	Lighting									
6	Pendant Mounted Industrial Fluorecent Fixture	Nos	8	130.00	1,040.00	150.00	1,200.00	21.82	280.00	2,240.00
7	Battery Back up Light	Nos	2	190.00	380.00	140.00	280.00	4.67	330.00	660.00
8	Downlight with interior photocell	Nos	1	170.00	170.00	140.00	140.00	2.80	310.00	310.00
9	Allow for Wiring and Conduit	Nos	11	35.00	385.00	115.00	1,265.00	23.00	150.00	1,650.00
	Lightning Protection									
10	Air Terminal 12" Bare Copper Point with Parapet side mounting	Nos	8	160.00	1,280.00	240.00	1,920.00	27.43	400.00	3,200.00
	C120 Copper Cable connected as 2 Nr of Downlead approximately 60 feet from roof to Ground and connection between 8 nr of Air terminal and Roof metal Deck	Sum	1	1,320.00	1,320.00	930.00	930.00	10.33	2,250.00	2,250.00
	10 feet long long steel ground Rod	Nos	2	100.00	200.00	180.00	360.00	5.14	280.00	560.00
	Fire Protection									
11	Tamper Switch	Nos	1	110.00	110.00	170.00	170.00	2.83	280.00	280.00
12	Flow Switch	Nos	1	110.00	110.00	170.00	170.00	2.83	280.00	280.00
13	Fire Alarm Pull Station	Nos	1	150.00	150.00	200.00	200.00	3.33	350.00	350.00
14	Combination Speaker / Strobe Horn	Nos	1	170.00	170.00	160.00	160.00	2.67	330.00	330.00
15	Duct Mounted Fire Stat	Nos	1	100.00	100.00	120.00	120.00	1.71	220.00	220.00
16	Thermo Stat	Nos	1	250.00	250.00	120.00	120.00	1.71	370.00	370.00
17	Allow for Wiring and Conduit	Sum	1	300.00	300.00	700.00	700.00	11.67	1,000.00	1,000.00
	Power									
18	Existing Dishwasher Circuit NHIK - to be disconnected from Normal power and connected to equipment Emergency power circuit EQ DB-19,21,23 Relabel circuit on Equipment Face Plate (including wiring and Conduit)	Nos	1	150.00	150.00	350.00	350.00	3.89	500.00	500.00
19	Existing Receptacle on CKT NLIK -32 to be transferred to circuit EQL 2-3 (Route via Hood Supression Contractor) Relabel CKT on face Plate (including wiring and Conduit)	Nos	1	-	-	250.00	250.00	2.78	250.00	250.00
20	Existing Freezer on Circuit NLIK -7,9 to be transferred to Panel EQ L2- 5,7 Relabel CKT on face Plate	Nos	1	-	-	300.00	300.00	3.33	300.00	300.00

Electrical Work

	Description	Unit	Qty	Material Rate	Material Amount	Labor Rate	Labor Amount	Labor Hour	Unit Rate	Amount
21	Existing Oven Power to be disconnected from Panel NLIK-37,39,41 andf connected to EQ EQ L2-2,4,6 Relable Receptacle / Panel Relable CHK on Face Plate (including wiring and Conduit)	Nos	1	100.00	100.00	350.00	350.00	3.89	450.00	450.00
22	Route New Generator Annunciator Conduit / Wire Concealed	Nos	1	3,000.00	3,000.00	1,000.00	1,000.00	12.50	4,000.00	4,000.00
23	Duplex Receptacle	Nos	14	50.00	700.00	110.00	1,540.00	34.22	160.00	2,240.00
24	Junction Box	Nos	5	30.00	150.00	100.00	500.00	11.11	130.00	650.00
25	GFI Roof Receptacle (WP)	Nos	1	65.00	65.00	115.00	115.00	2.56	180.00	180.00
26	Telephone / Data Outlet	Nos	1	40.00	40.00	140.00	140.00	3.11	180.00	180.00
27	Exhaust Fan	Nos	2	700.00	1,400.00	500.00	1,000.00	11.11	1,200.00	2,400.00
28	Allow for Wiring and Conduit	Nos	18	35.00	630.00	115.00	2,070.00	37.64	150.00	2,700.00
29	Battery Rectrifier Set	Nos	1	7,500.00	7,500.00	4,500.00	4,500.00	50.00	12,000.00	12,000.00
30	Existing Normal Power main to be relabled Main 1 of 1	Nos	1	-	-	100.00	100.00	1.43	100.00	100.00
31	Proposed 45 KVA Transformer Suspended from Structure	Nos	1	6,000.00	6,000.00	4,000.00	4,000.00	26.67	10,000.00	10,000.00
32	Proposed 500 KW Standby Generator 480V, 3PH	Nos	1	75,000.00	75,000.00	15,000.00	15,000.00	107.14	90,000.00	90,000.00
33	Battery Charger	Nos	1	5,500.00	5,500.00	1,000.00	1,000.00	14.29	6,500.00	6,500.00
34	Generator Control Panel	Nos	1	1,500.00	1,500.00	1,000.00	1,000.00	12.50	2,500.00	2,500.00
35	Leak Detection Control Panel	Nos	1	1,200.00	1,200.00	1,300.00	1,300.00	16.25	2,500.00	2,500.00
36	Branch circuit Panel Board- LSHG surface Mounted, 3 phase, 120/208 Wye,100 A with 42 slots	Nos	1	650.00	650.00	450.00	450.00	10.00	1,100.00	1,100.00
37	Branch circuit Panel Board- LSLG surface Mounted, 3 phase, 120/208 Wye,100 A with 42 slots	Nos	1	600.00	600.00	400.00	400.00	8.89	1,000.00	1,000.00
38	Branch circuit Panel Board- EQL2A surface Mounted, 3 phase, 120/208 Wye,225 A with 42 slots	Nos	1	900.00	900.00	600.00	600.00	13.33	1,500.00	1,500.00
39	Branch circuit Panel Board- EQL2 surface Mounted, 3 phase, 120/208 Wye,225 A with 42 slots	Nos	1	1,000.00	1,000.00	700.00	700.00	15.56	1,700.00	1,700.00
40	MCC-EQMCC1 3 phase, 227/480 Wye,600 A with feeding 2 Branch circuits	Nos	1	1,500.00	1,500.00	1,000.00	1,000.00	22.22	2,500.00	2,500.00
41	Allow for Main wiring	Sum	1	5,000.00	5,000.00	3,000.00	3,000.00	66.67	8,000.00	8,000.00
Total				119,060.00		48,840.00		628.73	167,900.00	
Insurance		3%								5,037.00
Overhead and Profit		22%								36,938.00
Total Amount				148,825.00		61,050.00				209,875.00

Note:

We Priced the Generator through an average price As per the document "Electrical contractor to provide unit prices at bid time for Generator Manufacturer

- * 1. CATERPILLAR
- 2. KATOLITE
- 3. ONAN