

SR No	Description of Item	Unit	Qty	Material cost (\$)	Unit Labor Hours	Total Labor Hours	Labor Rate (\$)	Total Material cost (\$)	Total Labor cost (\$)	Overhead Cost (20% on Material)	Total Cost
Item B Supply & Installation of Light Fixtures											
B.1	A	EA	23	\$ -	1.20	27.60	\$ 85.00	\$ -	\$ 2,346.00	\$ -	\$ 2,346.00
B.2	B1	EA	50	\$ -	2.00	100.00	\$ 85.00	\$ -	\$ 8,500.00	\$ -	\$ 8,500.00
B.3	B-NL	EA	22	\$ -	2.00	44.00	\$ 85.00	\$ -	\$ 3,740.00	\$ -	\$ 3,740.00
B.4	C1	EA	6	\$ -	2.50	15.00	\$ 85.00	\$ -	\$ 1,275.00	\$ -	\$ 1,275.00
B.5	C-NL	EA	4	\$ -	2.50	10.00	\$ 85.00	\$ -	\$ 850.00	\$ -	\$ 850.00
B.6	D	EA	2	\$ -	1.20	2.40	\$ 85.00	\$ -	\$ 204.00	\$ -	\$ 204.00
B.7	E1	EA	8	\$ -	1.50	12.00	\$ 85.00	\$ -	\$ 1,020.00	\$ -	\$ 1,020.00
B.8	EB	EA	2	\$ -	1.50	3.00	\$ 85.00	\$ -	\$ 255.00	\$ -	\$ 255.00
B.9	EL	EA	4	\$ -	2.00	8.00	\$ 85.00	\$ -	\$ 680.00	\$ -	\$ 680.00
B.10	E-NL	EA	6	\$ -	2.00	12.00	\$ 85.00	\$ -	\$ 1,020.00	\$ -	\$ 1,020.00
B.11	H	EA	2	\$ -	1.25	2.50	\$ 85.00	\$ -	\$ 212.50	\$ -	\$ 212.50
B.12	SLA	EA	8	\$ -	2.00	16.00	\$ 85.00	\$ -	\$ 1,360.00	\$ -	\$ 1,360.00
B.13	X	EA	4	\$ -	1.00	4.00	\$ 85.00	\$ -	\$ 340.00	\$ -	\$ 340.00
B.14	JUNCTION BOX	EA	9	\$ -	0.75	6.75	\$ 85.00	\$ -	\$ 573.75	\$ -	\$ 573.75
B.15	LIGHTING SWITCH - NEW	EA	10	\$ -	0.50	5.00	\$ 85.00	\$ -	\$ 425.00	\$ -	\$ 425.00
B.16	OS2	EA	9	\$ -	0.80	7.20	\$ 85.00	\$ -	\$ 612.00	\$ -	\$ 612.00
B.17	SINGLE POLE SWITCH	EA	1	\$ -	0.50	1.50	\$ 85.00	\$ -	\$ 127.50	\$ -	\$ 127.50
Total Supply & Installation of Light Fixtures Cost											\$29,540.75
Item C Point Wiring (General Lighting)											
C.1	2#12AWG + #12G THWN Cable	FT	3421.96	\$ -	0.018	61.77	\$ 85.00	\$ -	\$ 5,250.75	\$ -	\$ 5,250.75
C.2	3/4" Conduit	FT	1,143.95	\$ -	0.03	36.61	\$ 85.00	\$ -	\$ 3,111.55	\$ -	\$ 3,111.55
C.3	3/4" Connectors - EMT	EA	92.00	\$ -	0.13	12.24	\$ 85.00	\$ -	\$ 1,040.06	\$ -	\$ 1,040.06
C.4	3/4" Coupling - EMT	EA	115.00	\$ -	0.20	23.00	\$ 85.00	\$ -	\$ 1,955.00	\$ -	\$ 1,955.00
C.5	3/4" 1-H strap - STEEL	EA	92.00	\$ -	0.04	3.68	\$ 85.00	\$ -	\$ 312.80	\$ -	\$ 312.80
Total Point Wiring (General Lighting) Cost											\$11,670.16
Item D Supply & Installation of Receptacles (Included back box)											
D.1	A.C MOTOR STARTING SWITCH	EA	10	\$ -	0.80	8.00	\$ 85.00	\$ -	\$ 680.00	\$ -	\$ 680.00
D.2	DISCONNECT SWITCH - 30A 3P	EA	2	\$ -	1.50	3.00	\$ 85.00	\$ -	\$ 255.00	\$ -	\$ 255.00
D.3	DISCONNECT SWITCH - 60A 3P	EA	1	\$ -	2.00	2.00	\$ 85.00	\$ -	\$ 170.00	\$ -	\$ 170.00
D.4	DOUBLE DUPLEX RECEPTACLE	EA	1	\$ -	0.80	0.80	\$ 85.00	\$ -	\$ 68.00	\$ -	\$ 68.00
D.4	DOUBLE DUPLEX RECEPTACLE - GFI	EA	3	\$ -	0.80	2.40	\$ 85.00	\$ -	\$ 204.00	\$ -	\$ 204.00
D.5	DOUBLE DUPLEX RECEPTACLE - TR	EA	1	\$ -	0.80	0.80	\$ 85.00	\$ -	\$ 68.00	\$ -	\$ 68.00
D.6	DOUBLE POLE SWITCH	EA	1	\$ -	0.50	0.50	\$ 85.00	\$ -	\$ 42.50	\$ -	\$ 42.50
D.7	DUPLEX RECEPTACLE	EA	3	\$ -	0.80	2.40	\$ 85.00	\$ -	\$ 204.00	\$ -	\$ 204.00
D.8	DUPLEX RECEPTACLE - GFI	EA	23	\$ -	0.80	18.40	\$ 85.00	\$ -	\$ 1,564.00	\$ -	\$ 1,564.00
D.9	DUPLEX RECEPTACLE - TR	EA	6	\$ -	0.80	4.80	\$ 85.00	\$ -	\$ 408.00	\$ -	\$ 408.00
D.10	DUPLEX RECEPTACLE - USB	EA	1	\$ -	0.80	0.80	\$ 85.00	\$ -	\$ 68.00	\$ -	\$ 68.00
D.11	DUPLEX RECEPTACLE -GF(WP)	EA	1	\$ -	1.25	1.25	\$ 85.00	\$ -	\$ 106.25	\$ -	\$ 106.25
D.12	JUNCTION BOX	EA	10	\$ -	0.60	6.00	\$ 85.00	\$ -	\$ 510.00	\$ -	\$ 510.00
D.13	PHOTOCELL	EA	2	\$ -	0.75	1.50	\$ 85.00	\$ -	\$ 127.50	\$ -	\$ 127.50
D.14	SINGLE POLE SWITCH	EA	14	\$ -	0.50	7.00	\$ 85.00	\$ -	\$ 595.00	\$ -	\$ 595.00
D.15	SINGLE POLE SWITCH - WP	EA	2	\$ -	1.00	2.00	\$ 85.00	\$ -	\$ 170.00	\$ -	\$ 170.00
D.16	Back Box	EA	79.00	\$ -	0.25	19.75	\$ 85.00	\$ -	\$ 1,678.75	\$ -	\$ 1,678.75
D.17	Raco Box	EA	92.00	\$ -	0.25	23.00	\$ 85.00	\$ -	\$ 1,955.00	\$ -	\$ 1,955.00
D.18	Mud rings for Raco Box	EA	92.00	\$ -	0.20	18.40	\$ 85.00	\$ -	\$ 1,564.00	\$ -	\$ 1,564.00
D.19	Blank covers for Raco Box	EA	10.00	\$ -	0.10	1.00	\$ 85.00	\$ -	\$ 85.00	\$ -	\$ 85.00
Total Supply & Installation of Receptacles Cost											\$10,523.00
Item E Point Wiring (Power)											
E.1	2#12AWG + #12G THWN Cable	FT	4041.81	\$ -	0.018	72.75	\$ 85.00	\$ -	\$ 6,183.97	\$ -	\$ 6,183.97
E.2	3#12AWG + #12G THWN Cable	FT	839.47	\$ -	0.024	20.15	\$ 85.00	\$ -	\$ 1,712.52	\$ -	\$ 1,712.52
E.3	4#10AWG + #10G THWN Cable	FT	45.48	\$ -	0.035	1.59	\$ 85.00	\$ -	\$ 135.30	\$ -	\$ 135.30
E.4	4#12AWG + #12G THWN Cable	FT	169.71	\$ -	0.030	5.09	\$ 85.00	\$ -	\$ 432.76	\$ -	\$ 432.76
E.5	4#6AWG + #10G THWN Cable	FT	116.46	\$ -	0.052	6.06	\$ 85.00	\$ -	\$ 514.75	\$ -	\$ 514.75
E.6	3/4" Conduit	FT	1,698.82	\$ -	0.03	54.36	\$ 85.00	\$ -	\$ 4,620.80	\$ -	\$ 4,620.80
E.7	3/4" Connectors - EMT	EA	136.00	\$ -	0.13	18.09	\$ 85.00	\$ -	\$ 1,537.48	\$ -	\$ 1,537.48
E.8	3/4" Coupling - EMT	EA	170.00	\$ -	0.20	34.00	\$ 85.00	\$ -	\$ 2,890.00	\$ -	\$ 2,890.00
E.9	3/4" 1-H strap - STEEL	EA	136.00	\$ -	0.04	5.44	\$ 85.00	\$ -	\$ 462.40	\$ -	\$ 462.40
E.10	1 1/2" CONDUIT	FT	85.52	\$ -	0.05	3.85	\$ 85.00	\$ -	\$ 327.11	\$ -	\$ 327.11
E.11	1 1/2" Connectors - EMT	EA	7.00	\$ -	0.18	1.26	\$ 85.00	\$ -	\$ 107.10	\$ -	\$ 107.10
E.12	1 1/2" Coupling - EMT	EA	9.00	\$ -	0.29	2.61	\$ 85.00	\$ -	\$ 221.85	\$ -	\$ 221.85
E.13	1 1/2" 1-H strap - STEEL	EA	7.00	\$ -	0.07	0.49	\$ 85.00	\$ -	\$ 41.65	\$ -	\$ 41.65
E.14	1" CONDUIT	FT	431.33	\$ -	0.04	17.25	\$ 85.00	\$ -	\$ 1,466.52	\$ -	\$ 1,466.52
E.15	1" Connectors - EMT	EA	35.00	\$ -	0.15	5.25	\$ 85.00	\$ -	\$ 446.25	\$ -	\$ 446.25
E.16	1" Coupling - EMT	EA	44.00	\$ -	0.25	11.00	\$ 85.00	\$ -	\$ 935.00	\$ -	\$ 935.00
E.17	1" 1-H strap - STEEL	EA	35.00	\$ -	0.05	1.58	\$ 85.00	\$ -	\$ 133.88	\$ -	\$ 133.88
Total Point Wiring (General Power) Cost											\$7,896.49
Item F Power Panels											
F.1	PANEL C	EA	1.00	\$ -	12.00	12.00	\$ 85.00	\$ -	\$ 1,020.00	\$ -	\$ 1,020.00
F.2	PANEL P SECTION 1	EA	1.00	\$ -	8.00	8.00	\$ 85.00	\$ -	\$ 680.00	\$ -	\$ 680.00
F.3	PANEL P SECTION 2	EA	1.00	\$ -	8.00	8.00	\$ 85.00	\$ -	\$ 680.00	\$ -	\$ 680.00
F.4	UTILITY METER	EA	1.00	\$ -	2.00	2.00	\$ 85.00	\$ -	\$ 170.00	\$ -	\$ 170.00
Total Testing & Inspection Cost											\$2,550.00
Item G Feeder Cable supply and laying (including conduit & accessories)											
G.1	(2) SET OF 4#3/0 EACH IN 2 1/2" C	FT	48	\$ -	0.430	20.64	\$ 85.00	\$ -	\$ 1,754.40	\$ -	\$ 1,754.40
G.2	(2) SET OF 4#3/0, 1#2 GND IN 2 1/2" C	FT	6	\$ -	0.466	2.79	\$ 85.00	\$ -	\$ 237.44	\$ -	\$ 237.44
G.3	4#3 CU, 1#8 G IN 1 1/4" C	FT	10	\$ -	0.111	1.11	\$ 85.00	\$ -	\$ 94.35	\$ -	\$ 94.35
G.4	(2) SET OF 4#3/0 EACH IN 3" C	FT	75	\$ -	0.472	35.40	\$ 85.00	\$ -	\$ 3,009.00	\$ -	\$ 3,009.00
Total Feeder Cable supply and laying Cost											\$5,095.19
Item K CONDUITING (Fire Alarm)											
K.1	3/4" EMT Conduit	FT	1394.00	\$ -	0.03	44.61	\$ 85.00	\$ -	\$ 3,791.68	\$ -	\$ 3,791.68
K.2	3/4" Connectors - EMT	EA	112.00	\$ -	0.13	14.90	\$ 85.00	\$ -	\$ 1,266.16	\$ -	\$ 1,266.16
K.3	3/4" Coupling - EMT	EA	140.00	\$ -	0.20	28.00	\$ 85.00	\$ -	\$ 2,380.00	\$ -	\$ 2,380.00
K.4	3/4" 1-H strap - STEEL	EA	112.00	\$ -	0.04	4.48	\$ 85.00	\$ -	\$ 380.80	\$ -	\$ 380.80
Total FA CONDUITING Cost											\$7,818.64
Item H Testing & Inspection											
H.1	Final Testing & Inspection of the complete electrical system	Item	1.00		48.00	48.00	\$ 85.00	\$ -	\$ 1,500.00	\$ -	\$ 1,500.00
H.2	Feeder Cable & Electrical Panel Termination accessories	Item	1.00		6.00	6.00	\$ 85.00	\$ -	\$ 510.00	\$ -	\$ 510.00
H.3	Other Miscellaneous Cost	Item	1.00		24.00	24.00	\$ 85.00	\$ -	\$ 1,000.00	\$ -	\$ 1,000.00
Total Testing & Inspection Cost											\$3,010.00
TOTAL MATERIAL COST											\$ -
TOTAL LABOR COST											\$ 86,377.08
TOTAL LABOR HOURS											1058.79
OVERHEAD COST (20%)											\$ 0.00
PROJECT MANAGEMENT COST (5%)											\$ 4,318.85
TOTAL COST PRIOR TAX											\$ 91,754.72

SCOPE OF ESTIMATE:

- I SUPPLY & INSTALLATION
 - 1 Electrical Point Wiring
 - 2 Light fittings & power outlets

EXCLUSIONS FROM ESTIMATE:

- 1 Low voltage & Fire Alarm systems not included in the scope
- 2 Supply & Installation of Mechanical & Low Voltage system equipment (RTU-1, RTU-2, RTU-3, RTU-4, & Rack A)

III LABOR RATE ESTIMATE
 ELECTRICIAN BASE WAGE

\$ 85.00