

MATERIAL TAKEOFF AND COST ESTIMATE STATEMENT

PROJECT NAME:	LOW VOLTAGE SAMPLE
LOCATION:	



Sr #	REFERENCE	DESCRIPTION	QUANTITY	WASTE	TOTAL QTY	UNIT	COST/UNIT	MATERIAL TOTAL	UNIT HOURS	TOTAL MANHOURS	UNIT LABOR	TOTAL LABOR	TOTAL COST	REMARKS	TRADE COST		
01. GENERAL CONDITIONS																	
\$0																	
INDIRECT PROJECT COSTS																	
1		General Liability Insurance	0.0	0%	0.0	Mo	\$ -	\$ -	0.000	0.00	\$ -	\$ -	\$ -				
2		General Conditions (Backoffice Overhead)	0.0	0%	0.0	Mo	\$ -	\$ -	0.000	0.00	\$ -	\$ -	\$ -				
DIRECT PROJECT COSTS																	
3		Bonding Fee (If required)	1.2	0%	1.2	%	\$ -	\$ -	0.000	0.00	\$ -	\$ -	\$ -				
4		Access Control (Pipe Scaffolding or Boom/Scissor Lifts)	0.0	0%	0.0	Mo	\$ -	\$ -	0.000	0.00	\$ -	\$ -	\$ -				
5		Equipment Rental	0.0	0%	0.0	Mo	\$ -	\$ -	0.000	0.00	\$ -	\$ -	\$ -				
6		Travel, Tools, Gas	0.0	0%	0.0	Mo	\$ -	\$ -	0.000	0.00	\$ -	\$ -	\$ -				
7		Field Office	0.0	0%	0.0	Mo	\$ -	\$ -	0.000	0.00	\$ -	\$ -	\$ -				
8		Temp. Facilities	0.0	0%	0.0	Mo	\$ -	\$ -	0.000	0.00	\$ -	\$ -	\$ -				
9		Temp. Signage and Protection	0.0	0%	0.0	Mo	\$ -	\$ -	0.000	0.00	\$ -	\$ -	\$ -				
10		Temp. Fencing	0.0	0%	0.0	Mo	\$ -	\$ -	0.000	0.00	\$ -	\$ -	\$ -				
11		Field Superintendent/Foreman (Full Time)	0.0	0%	0.0	Mo	\$ -	\$ -	0.000	0.00	\$ -	\$ -	\$ -				
12		Project Manager (Part Time)	0.0	0%	0.0	Mo	\$ -	\$ -	0.000	0.00	\$ -	\$ -	\$ -				
28. LOW VOLTAGE																	
\$910,296																	
WIRES & CONDUITS																	
13		2#14 FLP	5501.0	5%	5776.1	LF	\$ 0.42	\$ 2,426	0.036	207.94	\$ 75.00	\$ 15,595	\$ 18,021				
14		2#16 FLP	2924.0	5%	3070.2	LF	\$ 0.38	\$ 1,167	0.034	104.39	\$ 75.00	\$ 7,829	\$ 8,996				
15		CAT6 Cable	19504.0	5%	20479.2	LF	\$ 1.16	\$ 23,756	0.072	1474.50	\$ 75.00	\$ 110,588	\$ 134,344				
16		R66/U Cable	3512.0	5%	3687.6	LF	\$ 1.00	\$ 3,688	0.065	239.69	\$ 75.00	\$ 17,977	\$ 21,665				
17		R61/U Cable	2744.0	5%	2881.2	LF	\$ 1.04	\$ 2,996	0.065	187.28	\$ 75.00	\$ 14,046	\$ 17,042				
18		12 Strand Optic Cable	2477.0	5%	2600.9	LF	\$ 1.84	\$ 4,786	0.060	156.05	\$ 75.00	\$ 11,704	\$ 16,489				
19		1/2" EMT Conduit	32.0	5%	33.6	LF	\$ 0.84	\$ 28	0.047	1.58	\$ 75.00	\$ 118	\$ 147				
20		3/4" Conduit W/Pull String	480.0	5%	504.0	LF	\$ 1.36	\$ 685	0.062	31.25	\$ 75.00	\$ 2,344	\$ 3,029				
21		1" Conduit W/Pull String	4690.0	5%	4924.5	LF	\$ 1.98	\$ 9,751	0.070	344.72	\$ 75.00	\$ 25,854	\$ 35,604				
TELECOMMUNICATION																	
22		2 Post Rack	3.0	0%	3.0	EA	\$ 385.00	\$ 1,155	1.500	4.50	\$ 75.00	\$ 338	\$ 1,493				
23		4x8x3/4" Plywood Back Board	10.0	0%	10.0	EA	\$ 166.00	\$ 1,660	1.000	10.00	\$ 75.00	\$ 750	\$ 2,410				
24		CATV Tap	100.0	0%	100.0	EA	\$ 78.00	\$ 7,800	0.800	80.00	\$ 75.00	\$ 6,000	\$ 13,800				
25		Data Outlet	1.0	0%	1.0	EA	\$ 66.00	\$ 66	0.308	0.31	\$ 75.00	\$ 23	\$ 89				
26		Entry Panel	1.0	0%	1.0	EA	\$ 2,360.00	\$ 2,360	20.000	20.00	\$ 75.00	\$ 1,500	\$ 3,860				
27		Master Station	1.0	0%	1.0	EA	\$ 485.00	\$ 485	1.500	1.50	\$ 75.00	\$ 113	\$ 598				
28		PP, Port Patch Panel	100.0	0%	100.0	EA	\$ 666.00	\$ 66,600	3.000	300.00	\$ 75.00	\$ 22,500	\$ 89,100				
29		Suit Station	3.0	0%	3.0	EA	\$ 445.00	\$ 1,335	1.500	4.50	\$ 75.00	\$ 338	\$ 1,673				
30		Tel/Data Outlet W/2-Gang Outlet Box	243.0	0%	243.0	EA	\$ 136.00	\$ 33,048	1.200	291.60	\$ 75.00	\$ 21,870	\$ 54,918				
31		Telephone Outlet Only W/2-Gang Outlet Box	1.0	0%	1.0	EA	\$ 136.00	\$ 136	1.200	1.20	\$ 75.00	\$ 90	\$ 226				
32		TV Outlet W/2-Gang Outlet Box	224.0	0%	224.0	EA	\$ 136.00	\$ 30,464	1.200	268.80	\$ 75.00	\$ 20,160	\$ 50,624				
FIRE ALARM DEVICES																	
33	E-001-E-601	AOM, Addressable Output Module	100.0	0%	100.0	EA	\$ 395.00	\$ 39,500	1.500	150.00	\$ 75.00	\$ 11,250	\$ 50,750				
34		Digital Communicator	1.0	0%	1.0	EA	\$ 332.00	\$ 332	2.000	2.00	\$ 75.00	\$ 150	\$ 482				
35		FACP, Fire Alarm Control Panel	1.0	0%	1.0	EA	\$ 1,160.00	\$ 1,160	6.000	6.00	\$ 75.00	\$ 450	\$ 1,610				
36		FARAP, Fire Alarm Annunciator Panel	3.0	0%	3.0	EA	\$ 645.00	\$ 1,935	3.000	9.00	\$ 75.00	\$ 675	\$ 2,610				
37		Fire Alarm Audio-Visual Notification Device	40.0	0%	40.0	EA	\$ 228.00	\$ 9,120	1.500	60.00	\$ 75.00	\$ 4,500	\$ 13,620				
38		Fire Alarm Pull Station	11.0	0%	11.0	EA	\$ 165.00	\$ 1,815	1.000	11.00	\$ 75.00	\$ 825	\$ 2,640				
39		Fire Alarm Visual Only Device	28.0	0%	28.0	EA	\$ 228.00	\$ 6,384	1.500	42.00	\$ 75.00	\$ 3,150	\$ 9,534				
40		FS, Flow Switch	2.0	0%	2.0	EA	\$ 68.00	\$ 136	0.800	1.60	\$ 75.00	\$ 120	\$ 256				
41		H, Heat Detector	2.0	0%	2.0	EA	\$ 175.00	\$ 350	1.000	2.00	\$ 75.00	\$ 150	\$ 500				
42		LF, Fire Alarm Low Frequency Audio-Visual Notification Device	220.0	0%	220.0	EA	\$ 222.00	\$ 48,840	1.250	275.00	\$ 75.00	\$ 20,625	\$ 69,465				
43		Remote Annunciator	1.0	0%	1.0	EA	\$ 645.00	\$ 645	3.000	3.00	\$ 75.00	\$ 225	\$ 870				
44		S, Smoke Detector	213.0	0%	213.0	EA	\$ 310.00	\$ 66,030	1.500	319.50	\$ 75.00	\$ 23,963	\$ 89,993				
45		S/CO, Combination Smoke/CO Detector	100.0	0%	100.0	EA	\$ 445.00	\$ 44,500	2.500	250.00	\$ 75.00	\$ 18,750	\$ 63,250				
46		TS, Tamper Switch	2.0	0%	2.0	EA	\$ 68.00	\$ 136	0.800	1.60	\$ 75.00	\$ 120	\$ 256				
SECURITY DEVICES																	
47		Camera W/Outlet Box	61.0	0%	61.0	EA	\$ 785.00	\$ 47,885	1.800	109.80	\$ 75.00	\$ 8,235	\$ 56,120				
48		CR, Card Reader	21.0	0%	21.0	EA	\$ 236.00	\$ 4,956	1.500	31.50	\$ 75.00	\$ 2,363	\$ 7,319				
49		DC, Door Contact	21.0	0%	21.0	EA	\$ 160.00	\$ 3,360	1.000	21.00	\$ 75.00	\$ 1,575	\$ 4,935				
50		DS, Door Strike	20.0	0%	20.0	EA	\$ 175.00	\$ 3,500	1.000	20.00	\$ 75.00	\$ 1,500	\$ 5,000				
51		ELR, Electronic Latch Release, Provided By Owner	2.0	0%	2.0	EA	\$ -	\$ -	1.600	3.20	\$ 75.00	\$ 240	\$ 240				
52		IC, Intercom	100.0	0%	100.0	EA	\$ 390.00	\$ 39,000	1.500	150.00	\$ 75.00	\$ 11,250	\$ 50,250				
53		IC-AV, Audio-Visual Intercom	1.0	0%	1.0	EA	\$ 442.00	\$ 442	1.500	1.50	\$ 75.00	\$ 113	\$ 555				
54		Push Button	2.0	0%	2.0	EA	\$ 165.00	\$ 330	1.000	2.00	\$ 75.00	\$ 150	\$ 480				
55		WP, Camera W/Outlet Box	12.0	0%	12.0	EA	\$ 168.00	\$ 2,016	3.800	45.60	\$ 75.00	\$ 3,420	\$ 5,436				
NOTES FOR CLIENTS												SUBTOTAL		\$910,296			
THIS EXCEL STATEMENT IS EDITABLE AND CAN BE MODIFIED AS NEEDED.																	
												GENERAL CONDITIONS					
												OVERHEAD		7%		\$ 69,720.71	
												PROFIT		15%		\$ 136,544.37	
												INSURANCE		1%		\$ 8,102.96	
												CONTINGENCY		2%		\$ 18,205.92	
												NET TOTAL				\$ 1,197,870	