

												LABOR RATE		\$ 75
SR. NO.	DESCRIPTION	QUANTITY	WASTAGE	QTY WITH WASTAGE	UNIT	UNIT COST	UNIT	MATERIAL COST	LABOR RATE	LABOR UNIT	TOTAL LABOR	LABOR COST	TOTAL COST	
<b>SAFETY AND SECURITY</b>														
<b>CONDUITS</b>														
1	3/4" EMT Conduit W/ Pull String	2364	10%	2600	FT	\$ 75.72	C	\$ 1,969	\$ 75	2.7	C	70.21	\$ 5,266	\$ 7,235
	3/4" Set Screw Steel Cplg	119	10%	131	EA	\$ 54.59	C	\$ 71	\$ 75	0.06	E	7.85	\$ 589	\$ 661
	3/4" Set Screw Steel Conn	60	10%	66	EA	\$ 37.34	C	\$ 25	\$ 75	0.06	E	3.96	\$ 297	\$ 322
	3/4" 1-Hole Strap	180	10%	198	EA	\$ 12.71	C	\$ 25	\$ 75	2.29	C	4.53	\$ 340	\$ 365
	3/8" Machine Screw Lead Anchor	148	10%	163	EA	\$ 79.61	C	\$ 130	\$ 75	14	C	22.79	\$ 1,709	\$ 1,839
2	3/4" EMT Conduit	1342	10%	1476	FT	\$ 65.72	C	\$ 970	\$ 75	2.7	C	39.86	\$ 2,989	\$ 3,959
	3/4" Set Screw Steel Cplg	68	10%	75	EA	\$ 54.59	C	\$ 41	\$ 75	0.06	E	4.49	\$ 337	\$ 377
	3/4" Set Screw Steel Conn	34	10%	37	EA	\$ 37.34	C	\$ 14	\$ 75	0.06	E	2.24	\$ 168	\$ 182
	3/4" 1-Hole Strap	102	10%	112	EA	\$ 12.71	C	\$ 14	\$ 75	2.29	C	2.57	\$ 193	\$ 207
	3/8" Machine Screw Lead Anchor	84	10%	92	EA	\$ 79.61	C	\$ 74	\$ 75	14	C	12.94	\$ 970	\$ 1,044
3	3/4" RGS Conduit	736	10%	809.754	FT	\$ 210.23	C	\$ 1,702	\$ 75	3.5	C	28.34	\$ 2,126	\$ 3,828
	3/4" RGS Elbow	23	10%	25	EA	\$ 385.90	C	\$ 98	\$ 75	0.3	E	7.59	\$ 569	\$ 667
	3/4" RGS Coupling	45	10%	50	EA	\$ 115.13	C	\$ 57	\$ 75	0.06	E	2.97	\$ 223	\$ 280
	3/4" Threadless Conduit Connector	19	10%	21	EA	\$ 348.48	C	\$ 73	\$ 75	0.17	E	3.55	\$ 266	\$ 339
	3/4" 1-Hole Strap	56	10%	62	EA	\$ 12.71	C	\$ 8	\$ 75	2.29	C	1.41	\$ 106	\$ 114
<b>CONDUCTORS</b>														
1	CAT 6A	3876	10%	4264	FT	\$ 299.00	M	\$ 1,275	\$ 75	20	M	85.28	\$ 6,396	\$ 7,671
<b>DEVICES</b>														
1	Security and/or Access System Magnetic Door Switch - Indicates Door Position	45	0%	45	EA	\$ 24.59	E	\$ 1,107	\$ 75	0.95	E	42.75	\$ 3,206	\$ 4,313
2	Junction Box	45	0%	45	EA	\$ 215.67	C	\$ 97	\$ 75	0.22	E	9.90	\$ 743	\$ 840
	4" Square-3/0 Plaster Ring - 5/8"D	45	0%	45	EA	\$ 70.20	C	\$ 32	\$ 75	0.07	E	3.15	\$ 236	\$ 268
	Red Wirenuts	135	0%	135	EA	\$ 67.06	M	\$ 9	\$ 75	1.75	C	2.36	\$ 177	\$ 186
3	Surveillance System Camera with Data Jack (IP Interface) - AVIGILON 2.0C-H5A-D1-IR H4M-MT-DCIL1, H4A-MT-WALL1	76	0%	76	EA	\$ 950.00	E	\$ 72,200	\$ 75	2	E	152.00	\$11,400	\$ 83,600
4	Surveillance System Camera with Data Jack (IP Interface) - AVIGILON 2.0C-H5A-DO1-IR H4A-MT-WALL1	4	0%	4	EA	\$ 1,175.00	E	\$ 4,700	\$ 75	2	E	8.00	\$ 600	\$ 5,300
5	Surveillance System Camera with Data Jack (IP Interface) - AVIGILON 2.0C-H5A-DP1-IR H4A-MT-WALL1	17	0%	17	EA	\$ 1,040.00	E	\$ 17,680	\$ 75	2	E	34.00	\$ 2,550	\$ 20,230
6	Surveillance System Camera with Data Jack (IP Interface) - AVIGILON 20C H4A-4MH-360 H4MT-CRNR1, H4AMH-AD-PEND1	1	0%	1	EA			\$ -	\$ 75	2	E	2.00	\$ 150	\$ 150
7	Surveillance System Camera with Data Jack (IP Interface) - AVIGILON 4.0C-H5A-D1-IR Surface Mounted	3	0%	3	EA	\$ 1,425.00	E	\$ 4,275	\$ 75	2		6.00	\$ 450	\$ 4,725
8	Surveillance System Camera with Data Jack (IP Interface) - AVIGILON 8.0C-H5A-DO1 SURFACE	5	0%	5	EA	\$ 1,550.00	E	\$ 7,750	\$ 75	2	E	10.00	\$ 750	\$ 8,500
9	Surveillance System Camera with Data Jack (IP Interface) - Ceiling Mounted- AVIGILON 2.0C-H4M-D1-IR H4M-MT-DCIL1	5	0%	5	EA			\$ -	\$ 75	2	E	10.00	\$ 750	\$ 750
	Octagon 4" Square or Single Gang Electrical Box	5	0%	5	EA	\$ 15.99	E	\$ 80	\$ 75	0.2	E	1.00	\$ 75	\$ 155
	CADDY #512 or 512A Electrical Box Hanger	5	0%	5	EA	\$ 4.55	E	\$ 23	\$ 75	0.1	E	0.50	\$ 38	\$ 60

10	Surveillance System Camera with Data Jack (IP Interface) - AVIGILON 12C H4A-4MH-360, H4AMH-AD-CEIL1, H4AMH-AD-PEND1	3	0%	3	EA			\$ -	\$ 75	2	E	6.00	\$ 450	\$ 450
11	Provisions for Card Reader by Owner - Wall Mounted Device Back box	37	0%	37	EA			\$ -	\$ 75	0.8	E	29.60	\$ 2,220	\$ 2,220
12	Card Access System Panel	6	0%	6	EA			\$ -	\$ 75	3	E	18.00	\$ 1,350	\$ 1,350
<b>TELECOMMUNICATION AND AUDIO VISUAL SYSTEM</b>														
<b>CONDUITS</b>														
1	1/2" EMT Conduit	470	10%	517	FT	\$ 39.88	C	\$ 206	\$ 75	2.5	C	12.93	\$ 969	\$ 1,176
	1/2" Set Screw Steel Cplg	24	10%	26	EA	\$ 34.37	C	\$ 9	\$ 75	0.05	E	1.32	\$ 99	\$ 108
	1/2" Set Screw Steel Conn	12	10%	13	EA	\$ 26.78	C	\$ 4	\$ 75	0.05	E	0.66	\$ 50	\$ 53
	1/2" 1-Hole Strap	37	10%	41	EA	\$ 8.33	C	\$ 3	\$ 75	2.29	C	0.93	\$ 70	\$ 73
	3/8" Machine Screw Lead Anchor	30	10%	33	EA	\$ 79.61	C	\$ 26	\$ 75	14	C	4.62	\$ 347	\$ 373
2	3/4" EMT Conduit	11719	10%	12891	FT	\$ 65.72	C	\$ 8,472	\$ 75	2.7	C	348.06	\$26,105	\$ 34,577
	3/4" Set Screw Steel Cplg	586	10%	645	EA	\$ 54.59	C	\$ 352	\$ 75	0.06	E	38.68	\$ 2,901	\$ 3,253
	3/4" Set Screw Steel Conn	293	10%	322	EA	\$ 37.34	C	\$ 120	\$ 75	0.06	E	19.34	\$ 1,450	\$ 1,571
	3/4" 1-Hole Strap	887	10%	976	EA	\$ 12.71	C	\$ 124	\$ 75	2.29	C	22.34	\$ 1,676	\$ 1,800
	3/8" Machine Screw Lead Anchor	733	10%	806	EA	\$ 79.61	C	\$ 642	\$ 75	14	C	112.88	\$ 8,466	\$ 9,108
3	3/4" RGS Conduit	212	10%	233.2	FT	\$ 210.23	C	\$ 490	\$ 75	3.5	C	8.16	\$ 612	\$ 1,102
	3/4" RGS Elbow	7	10%	8	EA	\$ 385.90	C	\$ 30	\$ 75	0.3	E	2.31	\$ 173	\$ 203
	3/4" RGS Coupling	13	10%	14	EA	\$ 115.13	C	\$ 16	\$ 75	0.06	E	0.86	\$ 64	\$ 81
	3/4" Threadless Conduit Connector	6	10%	7	EA	\$ 348.48	C	\$ 23	\$ 75	0.17	E	1.12	\$ 84	\$ 107
	3/4" 1-Hole Strap	17	10%	19	EA	\$ 12.71	C	\$ 2	\$ 75	2.29	C	0.43	\$ 32	\$ 34
4	1" EMT Conduit	5205	10%	5726	FT	\$ 116.63	C	\$ 6,678	\$ 75	2.75	C	157.45	\$11,809	\$ 18,486
	1" EMT Elbow	157	10%	173	EA	\$ 365.60	C	\$ 631	\$ 75	0.15	E	25.91	\$ 1,943	\$ 2,574
	1" Set Screw Steel Cplg	261	10%	287	EA	\$ 98.41	C	\$ 283	\$ 75	0.07	E	20.10	\$ 1,507	\$ 1,790
	1" Set Screw Steel Conn	131	10%	144	EA	\$ 70.83	C	\$ 102	\$ 75	0.07	E	10.09	\$ 757	\$ 859
	1" 1-Hole Strap	395	10%	435	EA	\$ 16.46	C	\$ 72	\$ 75	2.29	C	9.95	\$ 746	\$ 818
	3/8" Machine Screw Lead Anchor	326	10%	359	EA	\$ 79.61	C	\$ 285	\$ 75	14	C	50.20	\$ 3,765	\$ 4,051
5	1" PVC SCH 40 Conduit	137	10%	150.15	FT	\$ 38.30	C	\$ 58	\$ 75	1.75	C	2.63	\$ 197	\$ 255
	1" PVC Elbow	5	10%	6	EA	\$ 68.42	C	\$ 4	\$ 75	0.1	E	0.55	\$ 41	\$ 45
	1" PVC Coupling	9	10%	10	EA	\$ 28.93	C	\$ 3	\$ 75	0.04	E	0.40	\$ 30	\$ 33
	1" PVC Male Adaptor	6	10%	7	EA	\$ 43.48	C	\$ 3	\$ 75	0.06	E	0.40	\$ 30	\$ 33
	1" 1-Hole Strap	11	10%	12	EA	\$ 16.46	C	\$ 2	\$ 75	2.29	C	0.28	\$ 21	\$ 23
	3/8" Machine Screw Lead Anchor	9	10%	10	EA	\$ 79.61	C	\$ 8	\$ 75	14	C	1.39	\$ 104	\$ 112
5	4" PVC SCH 40 Conduit (Assumed Length For Structured Cabling)	200	10%	220	FT	\$ 197.72	C	\$ 435	\$ 75	4	C	8.80	\$ 660	\$ 1,095
	4" PVC Elbow	6	10%	7	EA	\$ 979.26	C	\$ 65	\$ 75	0.75	E	4.95	\$ 371	\$ 436
	4" PVC Coupling	12	10%	13	EA	\$ 204.02	C	\$ 27	\$ 75	0.11	E	1.45	\$ 109	\$ 136
	4" PVC Male Adaptor	8	10%	9	EA	\$ 273.50	C	\$ 24	\$ 75	0.13	E	1.14	\$ 86	\$ 110
	4" 1-Hole Strap	16	10%	18	EA	\$ 383.03	C	\$ 67	\$ 75	2.5	C	0.44	\$ 33	\$ 100
	3/8" Machine Screw Lead Anchor	13	10%	14	EA	\$ 79.61	C	\$ 11	\$ 75	14	C	2.00	\$ 150	\$ 162
<b>CONDUCTORS</b>														
1	12 Strand 9/125µm (OS2) single mode Fiber Cable (Assumed Length)	200	10%	220	FT	\$ 520.00	M	\$ 114	\$ 75	19.5	M	4.29	\$ 322	\$ 436
2	#22 AWG	23781	10%	26159	FT	\$ 50.00	M	\$ 1,308	\$ 75	4.5	M	117.71	\$ 8,829	\$ 10,137
3	CAT5E	4174	10%	4592	FT	\$ 245.00	M	\$ 1,125	\$ 75	20	M	91.83	\$ 6,887	\$ 8,012
4	CAT6A	1338	10%	1471	FT	\$ 309.99	M	\$ 456	\$ 75	20	M	29.43	\$ 2,207	\$ 2,663
5	CAT6	30845	10%	33930	FT	\$ 299.00	M	\$ 10,145	\$ 75	20	M	678.59	\$50,894	\$ 61,039
6	HDMI Cable	621	10%	683	FT	\$ 450.00	M	\$ 307	\$ 75	14	M	9.56	\$ 717	\$ 1,024

DEVICES														
1	SPST Switch	1	0%	1	EA	\$ 1,011.20	C	\$ 10	\$ 75	25	C	0.25	\$ 19	\$ 29
	4 x 1 1/2" SQ BOX COMB KO	1	0%	1	EA	\$ 734.50	C	\$ 7	\$ 75	30	C	0.30	\$ 23	\$ 30
	4" SQ 1G PLSTR RING 5/8" RISE	1	0%	1	EA	\$ 468.81	C	\$ 5	\$ 75	15	C	0.15	\$ 11	\$ 16
	GROUND SCREW W/ INSUL #12 LEAD	1	0%	1	EA	\$ 402.86	C	\$ 4	\$ 75	6	C	0.06	\$ 5	\$ 9
	#8 x 3/4 P/H SELF-TAP SCREW	2	0%	2	EA	\$ 8.06	C	\$ 0	\$ 75	3.1	C	0.06	\$ 5	\$ 5
	1G TGL SWITCH PLATE - PLASTIC IVY	1	0%	1	EA	\$ 53.24	C	\$ 1	\$ 75	10	C	0.10	\$ 8	\$ 8
2	Learning Stair DTP HDMI 4K 231 D	1	0%	1	EA			\$ -	\$ 75			0.00	\$ -	\$ -
3	A-T ATW-RC13	8	0%	8	EA			\$ -	\$ 75			0.00	\$ -	\$ -
4	A-T ATW-RU13	16	0%	16	EA			\$ -	\$ 75			0.00	\$ -	\$ -
5	AT System 10	5	0%	5	EA			\$ -	\$ 75			0.00	\$ -	\$ -
6	Behringer NX3000	8	0%	8	EA			\$ -	\$ 75			0.00	\$ -	\$ -
7	Behringer NX4-6000	3	0%	3	EA			\$ -	\$ 75			0.00	\$ -	\$ -
8	Behringer NX6000D	2	0%	2	EA			\$ -	\$ 75			0.00	\$ -	\$ -
9	Behringer S16	1	0%	1	EA			\$ -	\$ 75			0.00	\$ -	\$ -
11	Behringer X32 Rack	5	0%	5	EA			\$ -	\$ 75			0.00	\$ -	\$ -
12	Behringer XR12	1	0%	1	EA			\$ -	\$ 75			0.00	\$ -	\$ -
13	Behringer XR16	1	0%	1	EA			\$ -	\$ 75			0.00	\$ -	\$ -
14	Blackbird 4K	2	0%	2	EA			\$ -	\$ 75			0.00	\$ -	\$ -
15	Blu-Ray Player	1	0%	1	EA			\$ -	\$ 75			0.00	\$ -	\$ -
16	Bogen VAR1	4	0%	4	EA			\$ -	\$ 75			0.00	\$ -	\$ -
17	BSS BLU-50	6	0%	6	EA			\$ -	\$ 75			0.00	\$ -	\$ -
18	Connector Panel	1	0%	1	EA			\$ -	\$ 75			0.00	\$ -	\$ -
19	Connector Panel Microphone Connectors	1	0%	1	EA			\$ -	\$ 75			0.00	\$ -	\$ -
20	Denon DN-200BR	1	0%	1	EA			\$ -	\$ 75			0.00	\$ -	\$ -
21	Denon DN-300BR	7	0%	7	EA			\$ -	\$ 75			0.00	\$ -	\$ -
22	DTP HDMI 4K 230RX	1	0%	1	EA			\$ -	\$ 75			0.00	\$ -	\$ -
23	DTP T HWP 4K 231 D	1	0%	1	EA			\$ -	\$ 75			0.00	\$ -	\$ -
24	EXTRON ASA 131	1	0%	1	EA			\$ -	\$ 75			0.00	\$ -	\$ -
25	EXTRON DTP HDMI 4K 230 RX	2	0%	2	EA			\$ -	\$ 75			0.00	\$ -	\$ -
26	EXTRON DTP HDMI 4K 230TX	1	0%	1	EA			\$ -	\$ 75			0.00	\$ -	\$ -
27	EXTRON DTP HDMI 4K 231 D	1	0%	1	EA			\$ -	\$ 75			0.00	\$ -	\$ -
28	EXTRON EBP 100	1	0%	1	EA			\$ -	\$ 75			0.00	\$ -	\$ -
29	EXTRON IPCP PRO 350 XI	1	0%	1	EA			\$ -	\$ 75			0.00	\$ -	\$ -
30	EXTRON IPCP PRO 350 XI	1	0%	1	EA			\$ -	\$ 75			0.00	\$ -	\$ -
31	EXTRON MLC 55 RS	1	0%	1	EA			\$ -	\$ 75			0.00	\$ -	\$ -
32	EXTRON SW4 HD 4K	1	0%	1	EA			\$ -	\$ 75			0.00	\$ -	\$ -
33	Intercom By Others	5	0%	5	EA			\$ -	\$ 75			0.00	\$ -	\$ -
34	Local HDMI	1	0%	1	EA			\$ -	\$ 75			0.00	\$ -	\$ -
35	MA PD-915R	1	0%	1	EA			\$ -	\$ 75			0.00	\$ -	\$ -
36	MACKIE C200	2	0%	2	EA			\$ -	\$ 75			0.00	\$ -	\$ -
37	PD-920R	4	0%	4	EA			\$ -	\$ 75			0.00	\$ -	\$ -
38	RDL D-CIJ3D	1	0%	1	EA			\$ -	\$ 75			0.00	\$ -	\$ -
39	RDL ST-VP2	2	0%	2	EA			\$ -	\$ 75			0.00	\$ -	\$ -
40	TCX102-R	8	0%	8	EA			\$ -	\$ 75			0.00	\$ -	\$ -
41	Turbo Sound NUQ102	7	0%	7	EA			\$ -	\$ 75			0.00	\$ -	\$ -
42	Turbo Sound NUQ152	2	0%	2	EA			\$ -	\$ 75			0.00	\$ -	\$ -
43	Turbo Sound TPA122/95	8	0%	8	EA			\$ -	\$ 75			0.00	\$ -	\$ -
44	Turbo Sound TPA152/95	4	0%	4	EA			\$ -	\$ 75			0.00	\$ -	\$ -
45	Audio/Video Signal Input Jacks - Wall Mounted Device	80	0%	80	EA			\$ -	\$ 75			0.00	\$ -	\$ -

46	Audio/Video Signal Output Jack - Wall Mounted Device	79	0%	79	EA			\$ -	\$ 75			0.00	\$ -	\$ -
47	Auxiliary Equipment Rack	4	0%	4	EA			\$ -	\$ 75			0.00	\$ -	\$ -
48	Axis Decoder Model T8705 At Display	1	0%	1	EA			\$ -	\$ 75			0.00	\$ -	\$ -
49	BSS BLU-100	1	0%	1	EA			\$ -	\$ 75			0.00	\$ -	\$ -
50	Cable Tray	35	0%	35	FT	\$ 32.42	E	\$ 1,135	\$ 75	0.3	E	10.50	\$ 788	\$ 1,922
51	Ceiling Mount Delay Speaker Model ELECTRO-VOICE C8.2HC	4	0%	4	EA	\$ 499.00	E	\$ 1,996	\$ 75	1	E	4.00	\$ 300	\$ 2,296
	Octangon 4" Square or Single Gang Electrical Box	4	0%	4	EA	\$ 15.99	E	\$ 64	\$ 75	0.2	E	0.80	\$ 60	\$ 124
	CADDY #512 or 512A Electrical Box Hanger	4	0%	4	EA	\$ 4.55	E	\$ 18	\$ 75	0.1	E	0.40	\$ 30	\$ 48
52	Ceiling Mounted IP Speaker By Advanced Network Designs, Model IPCSM	38	0%	38	EA	\$ 479.99	E	\$ 18,240	\$ 75	1	E	38.00	\$ 2,850	\$ 21,090
53	Ceiling Mounted IP Speaker By Advanced Network Designs, Model IPCSM-RME	34	0%	34	EA	\$ 369.99	E	\$ 12,580	\$ 75	1	E	34.00	\$ 2,550	\$ 15,130
54	Cell Booster Headend	1	0%	1	EA			\$ -	\$ 75	0.2	E	0.20	\$ 15	\$ 15
55	A/V Control Panel	2	0%	2	EA			\$ -	\$ 75	3	E	6.00	\$ 450	\$ 450
56	Data Above Ceiling for Future Display	4	0%	4	EA	\$ 11.42	E	\$ 46	\$ 75	0.12	E	0.48	\$ 36	\$ 82
	Communication Devices 1" Plastic Bushing At Cable Entry THOMAS AND BETTS ANTI-SHORT BISHING SERIES 390 or TITE-BITE Combination Couplings Series 442	4	0%	4	EA			\$ -	\$ 75	0.8	E	3.20	\$ 240	\$ 240
	Back Box	4	0%	4	EA	\$ 9.99	E	\$ 40	\$ 75	0.23	E	0.92	\$ 69	\$ 109
	RJ45 Jack	4	0%	4	EA	\$ 6.32	E	\$ 25	\$ 75	0.02	E	0.08	\$ 6	\$ 31
57	Data for Overhead Reels	14	0%	14	EA	\$ 11.42	E	\$ 160	\$ 75	0.12	E	1.68	\$ 126	\$ 286
	Communication Devices 1" Plastic Bushing At Cable Entry THOMAS AND BETTS ANTI-SHORT BISHING SERIES 390 or TITE-BITE Combination Couplings Series 442	14	0%	14	EA			\$ -	\$ 75	0.8	E	11.20	\$ 840	\$ 840
	Back Box	14	0%	14	EA	\$ 9.99	E	\$ 140	\$ 75	0.23	E	3.22	\$ 242	\$ 381
	RJ45 Jack	14	0%	14	EA	\$ 6.32	E	\$ 88	\$ 75	0.02	E	0.28	\$ 21	\$ 109
58	Data Jack	52	0%	52	EA	\$ 11.42	E	\$ 594	\$ 75	0.12	E	6.24	\$ 468	\$ 1,062
	Communication Devices 1" Plastic Bushing At Cable Entry THOMAS AND BETTS ANTI-SHORT BISHING SERIES 390 or TITE-BITE Combination Couplings Series 442	52	0%	52	EA			\$ -	\$ 75	0.8	E	41.60	\$ 3,120	\$ 3,120
	Back Box	52	0%	52	EA	\$ 9.99	E	\$ 519	\$ 75	0.23	E	11.96	\$ 897	\$ 1,416
	RJ45 Jack	52	0%	52	EA	\$ 6.32	E	\$ 329	\$ 75	0.02	E	1.04	\$ 78	\$ 407
59	Data Jack For Wireless LAN Node - Ceiling Mounted with 2 Data Lines per Wall Plate	141	0%	141	EA	\$ 11.42	E	\$ 1,610	\$ 75	0.12	E	16.92	\$ 1,269	\$ 2,879
	Communication Devices 1" Plastic Bushing At Cable Entry THOMAS AND BETTS ANTI-SHORT BISHING SERIES 390 or TITE-BITE Combination Couplings Series 442	141	0%	141	EA			\$ -	\$ 75	0.8	E	112.80	\$ 8,460	\$ 8,460
	Back Box	141	0%	141	EA	\$ 9.99	E	\$ 1,409	\$ 75	0.23	E	32.43	\$ 2,432	\$ 3,841
	RJ45 Jack	282	0%	282	EA	\$ 6.32	E	\$ 1,782	\$ 75	0.02	E	5.64	\$ 423	\$ 2,205
60	Data Jack With 2 Data Lines Per Wall Plate	135	0%	135	EA	\$ 14.42	E	\$ 1,947	\$ 75	0.12	E	16.20	\$ 1,215	\$ 3,162
	Communication Devices 1" Plastic Bushing At Cable Entry THOMAS AND BETTS ANTI-SHORT BISHING SERIES 390 or TITE-BITE Combination Couplings Series 442	135	0%	135	EA			\$ -	\$ 75	0.8	E	108.00	\$ 8,100	\$ 8,100
	Back Box	135	0%	135	EA	\$ 9.99	E	\$ 1,349	\$ 75	0.23	E	31.05	\$ 2,329	\$ 3,677
	RJ45 Jack	270	0%	270	EA	\$ 6.32	E	\$ 1,706	\$ 75	0.02	E	5.40	\$ 405	\$ 2,111
61	Data Receptacle for Elevator Lobby Emergency Two-Way Communications	1	0%	1	EA	\$ 13.42	E	\$ 13	\$ 75	0.12	E	0.12	\$ 9	\$ 22
	Communication Devices 1" Plastic Bushing At Cable Entry THOMAS AND BETTS ANTI-SHORT BISHING SERIES 390 or TITE-BITE Combination Couplings Series 442	1	0%	1	EA			\$ -	\$ 75	0.8	E	0.80	\$ 60	\$ 60
	Back Box	1	0%	1	EA	\$ 9.99	E	\$ 10	\$ 75	0.23	E	0.23	\$ 17	\$ 27
	RJ45 Jack	1	0%	1	EA	\$ 6.32	E	\$ 6	\$ 75	0.02	E	0.02	\$ 2	\$ 8

62	IDF Wall Rack W/ Two Management Rack	2	0%	2	EA	\$ 245.99	E	\$ 492	\$ 75	4	E	8.00	\$ 600	\$ 1,092
63	Intercom Administrative Phone Desk set - Wall Mounted	1	0%	1	EA			\$ -	\$ 75	0.65	E	0.65	\$ 49	\$ 49
64	Intercom Audio Input	1	0%	1	EA			\$ -	\$ 75	0.5	E	0.50	\$ 38	\$ 38
65	Junction Box for Door Release System	2	0%	2	EA	\$ 215.67	C	\$ 4	\$ 75	0.22	E	0.44	\$ 33	\$ 37
	4" Square-3/0 Plaster Ring - 5/8"D	2	0%	2	EA	\$ 70.20	C	\$ 1	\$ 75	0.07	E	0.14	\$ 11	\$ 12
	Red Wirenuts	6	0%	6	EA	\$ 67.06	M	\$ 0	\$ 75	1.75	C	0.11	\$ 8	\$ 8
66	Junction Box for Lockdown System	2	0%	2	EA	\$ 215.67	C	\$ 4	\$ 75	0.22	E	0.44	\$ 33	\$ 37
	4" Square-3/0 Plaster Ring - 5/8"D	2	0%	2	EA	\$ 70.20	C	\$ 1	\$ 75	0.07	E	0.14	\$ 11	\$ 12
	Red Wirenuts	6	0%	6	EA	\$ 67.06	M	\$ 0	\$ 75	1.75	C	0.11	\$ 8	\$ 8
67	R01-IR	1	0%	1	EA			\$ -	\$ 75			0.00	\$ -	\$ -
68	MDF Rack W/ Three Management Rack	1	0%	1	EA	\$ 450.99	E	\$ 451	\$ 75	4.5	E	4.50	\$ 338	\$ 788
69	MIC: Microphone Jack - Wall Mounted Device Jack - 1" C. To Amplifier	4	0%	4	EA			\$ -	\$ 75	3	E	12.00	\$ 900	\$ 900
70	NL4 Written In Rectangle With a small Straight Line (Schedule Not Given)	2	0%	2	EA			\$ -	\$ 75			0.00	\$ -	\$ -
71	Program Clock with Data Jack (IP Interface) - Ceiling Mounted By Advanced Network Devices MODEL IPCSL-RWB	9	0%	9	EA	\$ 1,099.99		\$ 9,900	\$ 75	2	E	18.00	\$ 1,350	\$ 11,250
72	Projector Bracket and Power Outlet, Overhead Ceiling Mounted Device	3	0%	3	EA			\$ -	\$ 75	1.5	E	4.50	\$ 338	\$ 338
73	Sound Reinforcement Speaker - Surface Wall Mounted	12	0%	12	EA	\$ 359.99		\$ 4,320	\$ 75	0.85	E	10.20	\$ 765	\$ 5,085
74	Speaker with Data Jack (IP Interface) - Ceiling Mounted By ADVANCED NETWORK devices, MODEL IPCSM	10	0%	10	EA			\$ -	\$ 75	0.75	E	7.50	\$ 563	\$ 563
	Octangon 4" Square or Single Gang Electrical Box	10	0%	10	EA	\$ 15.99	E	\$ 160	\$ 75	0.2	E	2.00	\$ 150	\$ 310
	CADDY #512 or 512A Electrical Box Hanger	10	0%	10	EA	\$ 4.55	E	\$ 46	\$ 75	0.1	E	1.00	\$ 75	\$ 121
75	Telephone Single Line Service Jack	1	0%	1	EA	\$ 11.42	E	\$ 11	\$ 75	0.12	E	0.12	\$ 9	\$ 20
	Communication Devices 1" Plastic Bushing At Cable Entry THOMAS AND BETTS ANTI-SHORT BISHING SERIES 390 or TITE-BITE Combination Couplings Series 442	1	0%	1	EA			\$ -	\$ 75	0.8	E	0.80	\$ 60	\$ 60
	Back Box	1	0%	1	EA	\$ 9.99	E	\$ 10	\$ 75	0.23	E	0.23	\$ 17	\$ 27
	RJ45 Jack	1	0%	1	EA	\$ 6.32	E	\$ 6	\$ 75	0.02	E	0.02	\$ 2	\$ 8
76	Type 1- Sound Reinforcement Speaker - Surface Wall Mounted	6	0%	6	EA			\$ -	\$ 75	0.5	E	3.00	\$ 225	\$ 225
77	Type 2- Audio/Video Signal Input Jacks - Wall Mounted Device	2	0%	2	EA			\$ -	\$ 75	0.5	E	1.00	\$ 75	\$ 75
78	Type 2- Microphone Jack - Wall Mounted Device Jack - 1" C. To Amplifier	4	0%	4	EA			\$ -	\$ 75	0.45	E	1.80	\$ 135	\$ 135
79	Type 2: Sound Reinforcement Speaker - Surface Wall Mounted	2	0%	2	EA			\$ -	\$ 75	0.5	E	1.00	\$ 75	\$ 75
80	Type 3: Sound Reinforcement Speaker - Surface Wall Mounted	1	0%	1	EA			\$ -	\$ 75	0.5	E	0.50	\$ 38	\$ 38
81	Type 4- Sound Reinforcement Speaker - Ceiling Mounted	4	0%	4	EA			\$ -	\$ 75	0.5	E	2.00	\$ 150	\$ 150
	Octangon 4" Square or Single Gang Electrical Box	4	0%	4	EA	\$ 15.99	E	\$ 64	\$ 75	0.2	E	0.80	\$ 60	\$ 124
	CADDY #512 or 512A Electrical Box Hanger	4	0%	4	EA	\$ 4.55	E	\$ 18	\$ 75	0.1	E	0.40	\$ 30	\$ 48
82	Type 5- Sound Reinforcement Speaker - Ceiling Mounted	4	0%	4	EA			\$ -	\$ 75			0.00	\$ -	\$ -
	Octangon 4" Square or Single Gang Electrical Box	4	0%	4	EA	\$ 15.99	E	\$ 64	\$ 75	0.2	E	0.80	\$ 60	\$ 124
	CADDY #512 or 512A Electrical Box Hanger	4	0%	4	EA	\$ 4.55	E	\$ 18	\$ 75	0.1	E	0.40	\$ 30	\$ 48
83	WA: Wireless Microphone Antenna. Provide Single Gang Wall Box	9	0%	9	EA	\$ 12.99	E	\$ 117	\$ 75	0.23	E	2.07	\$ 155	\$ 272
84	Wall Mounted Double Sided IP Speaker Clock By Advanced Network Devices, Model IPCDS-RWB-U	22	0%	22	EA			\$ -	\$ 75	0.5	E	11.00	\$ 825	\$ 825
85	Wall Mounted IP Speaker Clock Above Door By Advanced Network Devices, Model IPSWD-RWB	55	0%	55	EA			\$ -	\$ 75	0.5	E	27.50	\$ 2,063	\$ 2,063
86	Wall Mounted IP Speaker Clock By Advanced Network Devices, Model IPSIGNL-RWB	5	0%	5	EA			\$ -	\$ 75	0.5	E	2.50	\$ 188	\$ 188
87	Wall Mounted IP Speaker Clock By Advanced Network Devices. Model IPCSL-RWB Mounted Above Fire Alarm Control Panel	12	0%	12	EA			\$ -	\$ 75	0.5	E	6.00	\$ 450	\$ 450

MISCELLANEOUS														
1	3 X 3 Video Wall	1	0%	1	EA			\$ -	\$ 75	1.25	E	1.25	\$ 94	\$ 94
2	J-Hooks	2536	0%	2536	EA	\$ 1.09	E	\$ 2,764	\$ 75	0.11	E	278.96	\$20,922	\$ 23,686
2	3" Metal Sleeves	8	0%	8	EA			\$ -	\$ 75	1.15	E	9.20	\$ 690	\$ 690

<b>TOTAL MATERIAL COST</b>	<b>\$</b>	<b>211,516</b>
<b>TOTAL LABOR COST</b>	<b>\$</b>	<b>252,594</b>
<b>TOTAL LABOR HOURS</b>		<b>3,368</b>
<b>TOTAL COST</b>	<b>\$</b>	<b>464,111</b>
<b>OVERHEADS &amp; PROFIT 25%</b>	<b>\$</b>	<b>116,027.64</b>
<b>TOTAL BID</b>	<b>\$</b>	<b>580,138</b>

**SCOPE OF ESTIMATE:**

I SUPPLY & INSTALLATION	
1	Safety And Security
2	Telecommunication and Audio Visual Devices
3	Miscellaneous
II NOTES	
1	The Conductors Are Included As Per Specification Pdf Provided With The Plans.
2	We Couldn't Figure the prices of yellow highlighted items, Please contact your local vendor for Quotes. Also Prices of Cameras and Speaker are estimate, kindly contact your local vendor for Firm Quotes.

Electrical Estimators