

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>NEW WORK</b>														
<b>TELECOMMUNICATION</b>														
<b>CONDUITS</b>														
1	1" EMT Conduit	8347	10%	9182	FT	\$ 161.19	C	\$ 14,800	\$ 75	5.5	C	504.99	\$ 37,875	\$ 52,674
2	1" PVC SCH 40 Conduit	73	10%	80	FT	\$ 45.81	C	\$ 37	\$ 75	5.25	C	4.20	\$ 315	\$ 352
<b>CONDUCTORS</b>														
1	CAT 6 (Assumed For Communication Outlets)	8347	10%	9182	FT	\$ 212.42	M	\$ 1,950	\$ 75	8	M	73.45	\$ 5,509	\$ 7,459
2	CAT 5 (Assumed For Television Outlet)	3272	10%	3599	FT	\$ 178.35	M	\$ 642	\$ 75	5	M	18.00	\$ 1,350	\$ 1,992
3	RG6 (Assumed For Television Outlet)	3272	10%	3599	FT	\$ 232.42	M	\$ 837	\$ 75	8	M	28.79	\$ 2,160	\$ 2,996
<b>DEVICES</b>														
1	3/4" Plywood Telephone Backboard	1	0%	1	EA	\$ 179.99	E	\$ 180	\$ 75	1.5	E	1.50	\$ 113	\$ 292
2	Combination Tele/Data Outlet	60	0%	60	EA	\$ 859.00	C	\$ 515	\$ 75	12	C	7.20	\$ 540	\$ 1,055
	4x 1 1/2" SQ BOX COMB KO	60	0%	60	EA	\$ 367.25	C	\$ 220	\$ 75	14.95	C	8.97	\$ 673	\$ 893
	RJ45 Jack	120	0%	120	EA	\$ 5.34	E	\$ 641	\$ 75	0.2	E	24.00	\$ 1,800	\$ 2,441
3	Data Outlet	163	0%	163	EA	\$ 445.00	C	\$ 725	\$ 75	12	C	19.56	\$ 1,467	\$ 2,192
	4x 1 1/2" SQ BOX COMB KO	163	0%	163	EA	\$ 367.25	C	\$ 599	\$ 75	14.95	C	24.37	\$ 1,828	\$ 2,426
	RJ45 Jack	163	0%	163	EA	\$ 5.34	E	\$ 870	\$ 75	0.2	E	32.60	\$ 2,445	\$ 3,315
4	Floor Mounted Data Outlet	1	0%	1	EA	\$ 428.00	C	\$ 4	\$ 75	12	C	0.12	\$ 9	\$ 13
5	Floor Mounted TV Outlet	8	0%	8	EA	\$ 674.00	C	\$ 54	\$ 75	12	C	0.96	\$ 72	\$ 126
6	Telephone Outlet	179	0%	179	EA	\$ 167.00	C	\$ 299	\$ 75	12	C	21.48	\$ 1,611	\$ 1,910
	4x 1 1/2" SQ BOX COMB KO	179	0%	179	EA	\$ 367.25	C	\$ 657	\$ 75	14.95	C	26.76	\$ 2,007	\$ 2,664
	RJ45 Jack	179	0%	179	EA	\$ 5.34	E	\$ 956	\$ 75	0.2	E	35.80	\$ 2,685	\$ 3,641
7	TV Outlet, Wall Mounted	153	0%	153	EA	\$ 256.00	C	\$ 392	\$ 75	12	C	18.36	\$ 1,377	\$ 1,769
	4x 1 1/2" SQ BOX COMB KO	153	0%	153	EA	\$ 367.25	C	\$ 562	\$ 75	14.95	C	22.87	\$ 1,716	\$ 2,277
<b>GROUNDING</b>														
1	#6 AWG CU	20	0%	20	FT	\$ 699.52	M	\$ 14	\$ 75	11	M	0.22	\$ 16	\$ 30
<b>SECURITY</b>														
<b>CONDUITS</b>														
1	3/4" EMT Conduit (Assumed Length)	619	10%	681	FT	\$ 96.74	C	\$ 659	\$ 75	5	C	34.05	\$ 2,553	\$ 3,212
<b>CONDUCTORS</b>														
1	#18 CU THHN/THWN (Assumed Length)	726	10%	799	FT	\$ 82.32	M	\$ 66	\$ 75	5	M	3.99	\$ 299	\$ 365
2	#12 CU THHN/THWN (Assumed Length)	768	10%	845	FT	\$ 154.34	M	\$ 130	\$ 75	6	M	5.07	\$ 380	\$ 511
<b>DEVICES</b>														
1	Doorbell MFG: EDWARDS #7005-G5	11	0%	11	EA	\$ 34.92	E	\$ 384	\$ 75	0.5	E	5.50	\$ 413	\$ 797
2	Low Voltage Transformer	11	0%	11	EA	\$ 30.06	E	\$ 331	\$ 75	0.5	E	5.50	\$ 413	\$ 743
3	Pushbutton W/ Coverplate CAT#137-10	11	0%	11	EA	\$ 27.68	E	\$ 304	\$ 75	0.5	E	5.50	\$ 413	\$ 717
												TOTAL MATERIAL COST	\$	26,828
												TOTAL MANHOURS' COST	\$	70,036
												TOTAL COST	\$	96,864
												OVERHEADS & PROFIT	25%	\$ 24,216
												TOTAL BID	\$	121,081

1	Telecommunication
2	Security System
<b>II NOTES</b>	
1	In The Specification Pdf No Information Was provided For The Conductor To be Used for Security and Telecommunication Devices. So, We Have Assumed The Size Of The Conductors As Per NEC.

Electrical Estimators Group