



| SR. NO. | DESCRIPTION | QUANTITY | WASTAGE | QTY WITH WASTAGE | UNIT | UNIT COST | UNIT | MATERIAL COST | LABOR RATE | LABOR | UNIT | LABOR RATE | | \$ 75 | |
|--------------------------|---|----------|---------|------------------|------|-----------|------|---------------|------------|-------|------|-------------------------------|------------|----------------|---------------|
| | | | | | | | | | | | | TOTAL LABOR | LABOR COST | | TOTAL COST |
| NEW WORK | | | | | | | | | | | | | | | |
| TELECOMMUNICATION | | | | | | | | | | | | | | | |
| CONDUITS | | | | | | | | | | | | | | | |
| 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 | |
| CONDUCTORS | | | | | | | | | | | | | | | |
| 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 | |
| DEVICES | | | | | | | | | | | | | | | |
| 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 | |
| GROUNDING | | | | | | | | | | | | | | | |
| 1 | #6 AWG CU | 20 | 0% | 20 | FT | \$ 699.52 | M | \$ 14 | \$ 75 | 11 | M | 0.22 | \$ 16 | \$ 30 | |
| SECURITY | | | | | | | | | | | | | | | |
| CONDUITS | | | | | | | | | | | | | | | |
| 1 | 3/4" EMT Conduit (Assumed Length) | 619 | 10% | 681 | FT | \$ 96.74 | C | \$ 659 | \$ 75 | 5 | C | 34.05 | \$ 2,553 | \$ 3,212 | |
| CONDUCTORS | | | | | | | | | | | | | | | |
| 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 | |
| DEVICES | | | | | | | | | | | | | | | |
| 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 | |

| SCOPE OF ESTIMATE: | |
|--------------------|--|
| I | SUPPLY & INSTALLATION |
| 1 | Telecommunication |
| 2 | Security System |
| | |
| II | NOTES |
| 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. |