

MATERIAL TAKEOFF AND COST ESTIMATE STATEMENT

| | |
|----------------------|-------------------------------------|
| PROJECT NAME: | INDUSTRIAL ELECTRICAL 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 | \$ - | \$ - | \$ - | | |
| 26. ELECTRICAL | | | | | | | | | | | | | | | |
| \$2,715,795 | | | | | | | | | | | | | | | |
| | | WIRES & CONDUITS | | | | | | | | | | | | | |
| 13 | | #12 Cu THWN | 117960.0 | 5% | 123858.0 | LF | \$ 0.54 | \$ 66,883 | 0.040 | 4954.32 | \$ 75.00 | \$ 371,574 | \$ 438,457 | | |
| 14 | | #10 Cu THWN | 19787.0 | 5% | 20776.4 | LF | \$ 0.70 | \$ 14,543 | 0.050 | 1038.82 | \$ 75.00 | \$ 77,911 | \$ 92,455 | | |
| 15 | | #8 Cu THWN | 10272.0 | 5% | 10785.6 | LF | \$ 0.90 | \$ 9,707 | 0.062 | 668.71 | \$ 75.00 | \$ 50,153 | \$ 59,860 | | |
| 16 | | #6 Cu THWN | 4517.0 | 5% | 4742.9 | LF | \$ 1.10 | \$ 5,217 | 0.062 | 294.06 | \$ 75.00 | \$ 22,054 | \$ 27,271 | | |
| 17 | | #4 AL THWN | 454.4 | 5% | 477.1 | LF | \$ 1.18 | \$ 563 | 0.068 | 32.44 | \$ 75.00 | \$ 2,433 | \$ 2,996 | | |
| 18 | | #4 Cu THWN | 1567.0 | 5% | 1645.4 | LF | \$ 1.22 | \$ 2,007 | 0.070 | 115.17 | \$ 75.00 | \$ 8,638 | \$ 10,645 | | |
| 19 | | #4 AL THWN | 28.0 | 5% | 29.4 | LF | \$ 1.29 | \$ 38 | 0.072 | 2.12 | \$ 75.00 | \$ 159 | \$ 197 | | |
| 20 | | #4 Bare AL | 9708.0 | 5% | 10193.4 | LF | \$ 1.32 | \$ 13,455 | 0.072 | 733.92 | \$ 75.00 | \$ 55,044 | \$ 68,500 | | |
| 21 | | #2 Cu THWN | 9.9 | 5% | 10.4 | LF | \$ 1.26 | \$ 13 | 0.070 | 0.72 | \$ 75.00 | \$ 54 | \$ 67 | | |
| 22 | | #22 AL THWN | 29124.0 | 5% | 30592.2 | LF | \$ 1.34 | \$ 40,977 | 0.072 | 2201.77 | \$ 75.00 | \$ 165,533 | \$ 206,111 | | |
| 23 | | #1 AL THWN | 1819.0 | 5% | 1910.0 | LF | \$ 1.37 | \$ 2,617 | 0.072 | 137.52 | \$ 75.00 | \$ 10,314 | \$ 12,930 | | |
| 24 | | #1/0 Cu THWN | 4698.0 | 5% | 4932.9 | LF | \$ 1.32 | \$ 6,511 | 0.072 | 355.17 | \$ 75.00 | \$ 26,638 | \$ 33,149 | | |
| 25 | | #1/0 AL THWN | 101.0 | 5% | 106.1 | LF | \$ 1.39 | \$ 147 | 0.074 | 7.85 | \$ 75.00 | \$ 589 | \$ 736 | | |
| 26 | | #2/0 AL THWN | 232.0 | 5% | 243.6 | LF | \$ 1.41 | \$ 343 | 0.074 | 18.03 | \$ 75.00 | \$ 1,352 | \$ 1,695 | | |
| 27 | | #3/0 AL THWN | 51.0 | 5% | 53.6 | LF | \$ 1.43 | \$ 77 | 0.074 | 3.96 | \$ 75.00 | \$ 297 | \$ 374 | | |
| 28 | | #500 KCM AL | 40.0 | 5% | 42.0 | LF | \$ 20.76 | \$ 872 | 0.080 | 3.96 | \$ 75.00 | \$ 252 | \$ 1,124 | | |
| 29 | | #500KCM AL | 1844.0 | 5% | 1936.2 | LF | \$ 54.38 | \$ 105,291 | 0.098 | 189.75 | \$ 75.00 | \$ 14,231 | \$ 119,522 | | |
| 30 | | #750 KCM AL | 614.0 | 5% | 644.7 | LF | \$ 69.66 | \$ 44,910 | 0.120 | 77.36 | \$ 75.00 | \$ 5,802 | \$ 50,712 | | |
| 31 | | 1/2" EMT Conduit | 39320.0 | 5% | 41286.0 | LF | \$ 0.84 | \$ 34,680 | 0.047 | 1940.44 | \$ 75.00 | \$ 145,533 | \$ 180,213 | | |
| 32 | | 3/4" EMT Conduit | 4030.0 | 5% | 4231.5 | LF | \$ 1.36 | \$ 5,755 | 0.062 | 262.35 | \$ 75.00 | \$ 19,676 | \$ 25,431 | | |
| 33 | | 1" EMT Conduit | 5191.0 | 5% | 5450.6 | LF | \$ 1.94 | \$ 10,574 | 0.070 | 381.54 | \$ 75.00 | \$ 28,615 | \$ 39,189 | | |
| 34 | | 1" PVC-80 Conduit | 1191.0 | 5% | 1250.6 | LF | \$ 1.56 | \$ 1,951 | 0.040 | 50.02 | \$ 75.00 | \$ 3,752 | \$ 5,703 | | |
| 35 | | 1-1/2" EMT Conduit | 465.0 | 5% | 488.3 | LF | \$ 2.87 | \$ 1,401 | 0.085 | 41.50 | \$ 75.00 | \$ 3,113 | \$ 4,514 | | |
| 36 | | 2" EMT Conduit | 1567.0 | 5% | 1645.4 | LF | \$ 3.94 | \$ 6,483 | 0.100 | 164.54 | \$ 75.00 | \$ 12,340 | \$ 18,823 | | |
| 37 | | 2" PVC-80 Conduit | 1134.0 | 5% | 1190.7 | LF | \$ 3.10 | \$ 3,691 | 0.060 | 71.44 | \$ 75.00 | \$ 5,358 | \$ 9,049 | | |
| 38 | | 2-1/2" EMT Conduit | 12.0 | 5% | 12.6 | LF | \$ 4.46 | \$ 56 | 0.125 | 1.58 | \$ 75.00 | \$ 118 | \$ 174 | | |
| 39 | | 4" EMT Conduit | 461.0 | 5% | 484.1 | LF | \$ 6.85 | \$ 3,316 | 0.200 | 96.81 | \$ 75.00 | \$ 7,261 | \$ 10,576 | | |
| 40 | | 4" PVC-80 Conduit | 706.0 | 5% | 741.3 | LF | \$ 5.94 | \$ 4,403 | 0.100 | 74.13 | \$ 75.00 | \$ 5,560 | \$ 9,963 | | |
| 41 | | Trench & Backfill @ Site | 109.0 | 15% | 125.4 | CY | \$ - | \$ - | 0.600 | 75.24 | \$ 75.00 | \$ 5,643 | \$ 5,643 | | |
| | | RECEPTACLES & DISCONNECT SWITCHES | | | | | | | | | | | | | |
| 42 | | Double Duplex Receptacle | 4.0 | 0% | 4.0 | EA | \$ 34.00 | \$ 136 | 0.750 | 3.00 | \$ 75.00 | \$ 225 | \$ 361 | | |
| 43 | | Duplex Receptacle | 1325.0 | 0% | 1325.0 | EA | \$ 18.00 | \$ 23,850 | 0.550 | 728.75 | \$ 75.00 | \$ 54,566 | \$ 78,506 | | |
| 44 | | GFI Duplex Receptacle | 618.0 | 0% | 618.0 | EA | \$ 56.00 | \$ 34,608 | 0.296 | 182.93 | \$ 75.00 | \$ 13,720 | \$ 48,328 | | |
| 45 | | GFI Simplex Receptacle | 1.0 | 0% | 1.0 | EA | \$ 48.00 | \$ 48 | 0.250 | 0.25 | \$ 75.00 | \$ 19 | \$ 67 | | |
| 46 | | Simplex Receptacle | 1.0 | 0% | 1.0 | EA | \$ 11.00 | \$ 11 | 0.500 | 0.50 | \$ 75.00 | \$ 38 | \$ 49 | | |
| 47 | | Special Purpose Receptacle | 112.0 | 0% | 112.0 | EA | \$ 52.00 | \$ 5,824 | 1.500 | 168.00 | \$ 75.00 | \$ 12,600 | \$ 18,424 | | |
| 48 | | TR, Duplex Receptacle | 96.0 | 0% | 96.0 | EA | \$ 34.00 | \$ 3,264 | 0.800 | 76.80 | \$ 75.00 | \$ 5,760 | \$ 9,024 | | |
| 49 | | TR, GFI Duplex Receptacle | 15.0 | 0% | 15.0 | EA | \$ 68.00 | \$ 1,020 | 0.600 | 9.00 | \$ 75.00 | \$ 675 | \$ 1,695 | | |
| 50 | | WP, GFI Duplex Receptacle | 4.0 | 0% | 4.0 | EA | \$ 75.00 | \$ 300 | 0.650 | 2.60 | \$ 75.00 | \$ 195 | \$ 495 | | |
| 51 | | WP, TR, GFI Duplex Receptacle | 4.0 | 0% | 4.0 | EA | \$ 94.00 | \$ 376 | 0.850 | 3.40 | \$ 75.00 | \$ 255 | \$ 631 | | |
| 52 | | 20A/1P Non-Fused Disconnect Switch | 3.0 | 0% | 3.0 | EA | \$ 36.00 | \$ 108 | 0.525 | 1.58 | \$ 75.00 | \$ 118 | \$ 226 | | |
| 53 | | 30AS/30AF/2P Fused Disconnect Switch | 1.0 | 0% | 1.0 | EA | \$ 48.00 | \$ 48 | 0.540 | 0.54 | \$ 75.00 | \$ 41 | \$ 89 | | |
| 54 | | 60AF/60AS/3P Fused Disconnect Switch | 2.0 | 0% | 2.0 | EA | \$ 85.00 | \$ 170 | 0.580 | 1.16 | \$ 75.00 | \$ 87 | \$ 257 | | |
| 55 | | 60AS/3P Non-Fused Disconnect Switch | 3.0 | 0% | 3.0 | EA | \$ 90.00 | \$ 270 | 0.580 | 1.74 | \$ 75.00 | \$ 131 | \$ 401 | | |
| 56 | | 100AS/3P Non-Fused Disconnect Switch | 1.0 | 0% | 1.0 | EA | \$ 146.00 | \$ 146 | 0.950 | 0.95 | \$ 75.00 | \$ 71 | \$ 217 | | |
| 57 | | 100AT/100AS Disconnect Switch | 1.0 | 0% | 1.0 | EA | \$ 156.00 | \$ 156 | 0.950 | 0.95 | \$ 75.00 | \$ 71 | \$ 227 | | |
| 58 | | 125A/3P Non-Fused Disconnect Switch | 1.0 | 0% | 1.0 | EA | \$ 184.00 | \$ 184 | 1.000 | 1.00 | \$ 75.00 | \$ 75 | \$ 259 | | |
| 59 | | WP 200AS/3P Non-Fused Disconnect Switch | 10.0 | 0% | 10.0 | EA | \$ 332.00 | \$ 3,320 | 1.680 | 16.80 | \$ 75.00 | \$ 1,260 | \$ 4,580 | | |
| | | LIGHTING CONTROLS | | | | | | | | | | | | | |
| 60 | | 3-Way Switch | 226.0 | 0% | 226.0 | EA | \$ 26.00 | \$ 5,876 | 0.650 | 146.90 | \$ 75.00 | \$ 11,018 | \$ 16,894 | | |
| 61 | | 4-Way Switch | 1.0 | 0% | 1.0 | EA | \$ 39.00 | \$ 39 | 0.950 | 0.95 | \$ 75.00 | \$ 71 | \$ 110 | | |
| 62 | | Hood Switches | 200.0 | 0% | 200.0 | EA | \$ 16.00 | \$ 3,200 | 0.800 | 160.00 | \$ 75.00 | \$ 12,000 | \$ 15,200 | | |
| 63 | | Motor Rated Switch | 124.0 | 0% | 124.0 | EA | \$ 45.00 | \$ 5,580 | 0.850 | 105.40 | \$ 75.00 | \$ 7,905 | \$ 13,485 | | |
| 64 | | OS, Occupancy Sensor Switch | 4.0 | 0% | 4.0 | EA | \$ 48.00 | \$ 192 | 0.850 | 3.40 | \$ 75.00 | \$ 255 | \$ 447 | | |
| 65 | | OS-A, Ceiling Mounted Occupancy Sensor | 47.0 | 0% | 47.0 | EA | \$ 166.00 | \$ 7,802 | 1.231 | 57.86 | \$ 75.00 | \$ 4,339 | \$ 12,141 | | |
| 66 | | OS-B, Ceiling Mounted Occupancy Sensor | 21.0 | 0% | 21.0 | EA | \$ 166.00 | \$ 3,486 | 1.231 | 25.85 | \$ 75.00 | \$ 1,939 | \$ 5,425 | | |
| 67 | | R, Emergency Lighting Relay | 14.0 | 0% | 14.0 | EA | \$ 320.00 | \$ 4,480 | 1.500 | 21.00 | \$ 75.00 | \$ 1,575 | \$ 6,055 | | |
| 68 | | Single Pole Switch | 414.0 | 0% | 414.0 | EA | \$ 12.00 | \$ 4,968 | 0.468 | 193.75 | \$ 75.00 | \$ 14,531 | \$ 19,499 | | |
| 69 | | VS, Vacancy Sensor Switch | 25.0 | 0% | 25.0 | EA | \$ 48.00 | \$ 1,200 | 0.850 | 10.25 | \$ 75.00 | \$ 765 | \$ 2,794 | | |
| 70 | | WP Motor Rated Switch | 12.0 | 0% | 12.0 | EA | \$ 45.00 | \$ 540 | 0.850 | 10.25 | \$ 75.00 | \$ 765 | \$ 1,305 | | |
| | | LIGHTING FIXTURES | | | | | | | | | | | | | |
| 71 | | ELA, Single Head Pole Mounted LED, MFG: Lithonia, Model: DSX1 LED P8 35K 80CRI T4M XVOLT GHS RPA HS** | 8.0 | 0% | 8.0 | EA | \$ 2,222.00 | \$ 17,776 | 2.000 | 16.00 | \$ 75.00 | \$ 1,200 | \$ 18,976 | | |
| 72 | | ELB, Double Head Pole Mounted LED, MFG: Lithonia, Model: DSX1 LED P8 35K 80CRI T4M XVOLT GHS RPA HS** | 1.0 | 0% | 1.0 | EA | \$ 248.00 | \$ 248 | 2.200 | 2.20 | \$ 75.00 | \$ 165 | \$ 413 | | |
| 73 | | ELC-EM, Exterior Wall Mounted Sconce W/Battery Back-Up, MFG: Oxygen Lighting, Model: 3-711-224 | 4.0 | 0% | 4.0 | EA | \$ 196.00 | \$ 784 | 1.600 | 6.40 | \$ 75.00 | \$ 480 | \$ 1,264 | | |
| 74 | | | | | | | | | | | | | | | |

| 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 |
|---------------------------|-----------|--|----------|-------|-----------|------|--------------|----------------|------------|----------------|------------|-------------|------------|---------|------------|
| 96 | | LG, 6" Recessed LED Down Light, MFG: Halo Lighting, Model: LT6089FS231EWHDM | 340.0 | 0% | 340.0 | EA | \$ 168.00 | \$ 57,120 | 1.000 | 340.00 | \$ 75.00 | \$ 25,500 | \$ 82,620 | | |
| 97 | | LG-EM, 6" Recessed LED Down Light W/Battery Back-Up, MFG: Halo Lighting, Model: LT6089FS231EWHDM | 6.0 | 0% | 6.0 | EA | \$ 185.00 | \$ 1,110 | 1.200 | 7.20 | \$ 75.00 | \$ 540 | \$ 1,650 | | |
| 98 | | LH-EM, 2x2" Flat LED Panel W/Battery Back-Up, MFG: Metalex Lighting, Model: Z2FSLC25C3 | 3.0 | 0% | 3.0 | EA | \$ 194.00 | \$ 582 | 1.509 | 4.53 | \$ 75.00 | \$ 340 | \$ 922 | | |
| 99 | | LH-EM, 2x4" Dia Multi Light Decorative LED W/Battery Back-Up, MFG: Modern Forms, Model: PD-52724-G | 6.0 | 0% | 6.0 | EA | \$ 202.00 | \$ 1,212 | 1.800 | 10.80 | \$ 75.00 | \$ 810 | \$ 2,022 | | |
| 100 | | LL, 12" Dia Globe Pendant LED, MFG: Luraline Lighting, Model: 712 CORDX WACS WLOZ TL1616 DM1010 | 120.0 | 0% | 120.0 | EA | \$ 190.00 | \$ 22,800 | 1.500 | 180.00 | \$ 75.00 | \$ 13,500 | \$ 36,300 | | |
| 101 | | LL, 12" Dia Globe Pendant LED, MFG: Luraline Lighting, Model: 712 CORDX WACS WLOZ TL1616 DM1010 | 120.0 | 0% | 120.0 | EA | \$ 190.00 | \$ 22,800 | 2.000 | 240.00 | \$ 75.00 | \$ 18,000 | \$ 40,800 | | |
| 102 | | LM, 12"x4.5"x3" LED Wall Sconce, MFG: Alva Lighting, Model: AU L15W 30 SR4W12H W ESN | 200.0 | 0% | 200.0 | EA | \$ 222.00 | \$ 44,400 | 1.500 | 300.00 | \$ 75.00 | \$ 22,500 | \$ 66,900 | | |
| 103 | | LN, 12" Dia Surface LED Down Light, MFG: Halo Lighting, Model: SMD12R2095WHE | 100.0 | 0% | 100.0 | EA | \$ 178.00 | \$ 17,800 | 1.000 | 100.00 | \$ 75.00 | \$ 7,500 | \$ 25,300 | | |
| 104 | | LO, 21" Over Mirror Luminaire, MFG: Volume Lighting, Model: V1163-3 | 100.0 | 0% | 100.0 | EA | \$ 194.00 | \$ 19,400 | 1.800 | 180.00 | \$ 75.00 | \$ 13,500 | \$ 32,900 | | |
| 105 | | LP, 12" Dia Globe Pendant LED, MFG: G Lighting, Model: GL-2565-AA5-CSA-O49 | 6.0 | 0% | 6.0 | EA | \$ 186.00 | \$ 1,116 | 1.500 | 9.00 | \$ 75.00 | \$ 675 | \$ 1,791 | | |
| 106 | | X1, Single Faced Universal Mounted Exit Sign, MFG: Sure Lite Lighting, Model: APX7RG | 24.0 | 0% | 24.0 | EA | \$ 154.00 | \$ 3,696 | 1.000 | 24.00 | \$ 75.00 | \$ 1,800 | \$ 5,496 | | |
| 107 | | X2, Dual Faced Universal Mounted Exit Sign, MFG: Sure Lite Lighting, Model: APX7RG | 24.0 | 0% | 24.0 | EA | \$ 168.00 | \$ 4,032 | 1.200 | 28.80 | \$ 75.00 | \$ 2,160 | \$ 6,192 | | |
| 108 | | X3, Single Head Universal Exit Sign, MFG: Sure Lite Lighting, Model: APX7RG | 4.0 | 0% | 4.0 | EA | \$ 154.00 | \$ 616 | 1.000 | 4.00 | \$ 75.00 | \$ 300 | \$ 916 | | |
| POWER DISTRIBUTION | | | | | | | | | | | | | | | |
| 109 | | 5 Channel Meter Center | 20.0 | 0% | 20.0 | EA | \$ 486.00 | \$ 9,720 | 2.000 | 40.00 | \$ 75.00 | \$ 3,000 | \$ 12,720 | | |
| 110 | | Unit Panel LC, 100A MLO, 1-Phase 3-Wired | 100.0 | 0% | 100.0 | EA | \$ 1,535.00 | \$ 153,500 | 15.094 | 1509.40 | \$ 75.00 | \$ 113,205 | \$ 266,705 | | |
| 111 | | 100A Electric Meter | 100.0 | 0% | 100.0 | EA | \$ 264.00 | \$ 26,400 | 1.400 | 140.00 | \$ 75.00 | \$ 10,500 | \$ 36,900 | | |
| 112 | | 120V Low Voltage Transformer | 1.0 | 0% | 1.0 | EA | \$ 6,500.00 | \$ 6,500 | 30.000 | 30.00 | \$ 75.00 | \$ 2,250 | \$ 8,750 | | |
| 113 | | 1200A Utility Meter | 2.0 | 0% | 2.0 | EA | \$ 2,295.00 | \$ 4,590 | 25.000 | 25.00 | \$ 75.00 | \$ 1,950 | \$ 6,540 | | |
| 114 | | X2, 1. Automatic Transfer Switch, 100A, 250V | 1.0 | 0% | 1.0 | EA | \$ 168.00 | \$ 168 | 1.000 | 1.00 | \$ 75.00 | \$ 75 | \$ 243 | | |
| 115 | | EG-1, 30KW/37.5 KVA Generator, 208Y/120V | 1.0 | 0% | 1.0 | EA | \$ 6,500.00 | \$ 6,500 | 30.000 | 30.00 | \$ 75.00 | \$ 2,250 | \$ 8,750 | | |
| 116 | | Panel HVHP-3, 600A MLO, 480Y/277V, 3-Phase 4-Wired | 1.0 | 0% | 1.0 | EA | \$ 6,020.00 | \$ 6,020 | 40.000 | 40.00 | \$ 75.00 | \$ 3,000 | \$ 9,020 | | |
| 117 | | LCP, Lighting Control Panel | 1.0 | 0% | 1.0 | EA | \$ 945.00 | \$ 945 | 5.000 | 5.00 | \$ 75.00 | \$ 375 | \$ 1,320 | | |
| 118 | | Sump Alarm Panel | 1.0 | 0% | 1.0 | EA | \$ 1,486.00 | \$ 1,486 | 8.000 | 8.00 | \$ 75.00 | \$ 600 | \$ 2,086 | | |
| 119 | | Panel LVHP-1, 225A, 208Y/120V, 3-Phase 4-Wired | 1.0 | 0% | 1.0 | EA | \$ 2,230.00 | \$ 2,230 | 22.000 | 22.00 | \$ 75.00 | \$ 1,650 | \$ 3,880 | | |
| 120 | | Panel LVHP2, 225A, 208Y/120V, 3-Phase 4-Wired | 1.0 | 0% | 1.0 | EA | \$ 2,230.00 | \$ 2,230 | 22.000 | 22.00 | \$ 75.00 | \$ 1,650 | \$ 3,880 | | |
| 121 | | Panel LVHP3, 225A, 208Y/120V, 3-Phase 4-Wired | 1.0 | 0% | 1.0 | EA | \$ 2,230.00 | \$ 2,230 | 22.000 | 22.00 | \$ 75.00 | \$ 1,650 | \$ 3,880 | | |
| 122 | | Panel LVPEM, 225A MLO, 120/208Y, 3-Phase 4-Wired | 1.0 | 0% | 1.0 | EA | \$ 2,230.00 | \$ 2,230 | 22.000 | 22.00 | \$ 75.00 | \$ 1,650 | \$ 3,880 | | |
| 123 | | Panel LVPH, 60A, 208Y/120V, 1-Phase 3-Wired | 1.0 | 0% | 1.0 | EA | \$ 600.00 | \$ 600 | 2.000 | 2.00 | \$ 75.00 | \$ 150 | \$ 750 | | |
| 124 | | Panel MDPH, 1200A, 480/277V, 3-Phase 4-Wired | 1.0 | 0% | 1.0 | EA | \$ 11,840.00 | \$ 11,840 | 85.000 | 85.00 | \$ 75.00 | \$ 6,375 | \$ 18,215 | | |
| 125 | | SSDS Alarm Panel | 1.0 | 0% | 1.0 | EA | \$ 945.00 | \$ 945 | 5.000 | 5.00 | \$ 75.00 | \$ 375 | \$ 1,320 | | |
| 126 | | T-1, 75KVA Transformer, 480/208/120V | 1.0 | 0% | 1.0 | EA | \$ 4,495.00 | \$ 4,495 | 32.000 | 32.00 | \$ 75.00 | \$ 2,400 | \$ 6,895 | | |
| 127 | | T-EM, 30KVA Transformer, 480/208/120V | 1.0 | 0% | 1.0 | EA | \$ 2,265.00 | \$ 2,265 | 18.000 | 18.00 | \$ 75.00 | \$ 1,350 | \$ 3,615 | | |
| 128 | | TVSS, Transient Voltage Surge Suppressor | 1.0 | 0% | 1.0 | EA | \$ 2,200.00 | \$ 2,200 | 2.000 | 2.00 | \$ 75.00 | \$ 150 | \$ 2,350 | | |
| 129 | | Utility Pad Mounted Transformer, 208Y/120V, 3-Phase | 1.0 | 0% | 1.0 | EA | \$ 12,000.00 | \$ 12,000 | 36.000 | 36.00 | \$ 75.00 | \$ 2,700 | \$ 14,700 | | |
| 130 | | Utility Pad Mounted Transformer, 480Y/277V, 3-Phase | 1.0 | 0% | 1.0 | EA | \$ 12,000.00 | \$ 12,000 | 36.000 | 36.00 | \$ 75.00 | \$ 2,700 | \$ 14,700 | | |
| 131 | | Utility Pole | 2.0 | 0% | 2.0 | EA | \$ 496.00 | \$ 992 | 3.000 | 6.00 | \$ 75.00 | \$ 450 | \$ 1,442 | | |
| CIRCUIT BREAKERS | | | | | | | | | | | | | | | |
| 132 | | 20A/1P AFCI Breaker | 840.0 | 0% | 840.0 | EA | \$ 38.00 | \$ 31,920 | 0.400 | 336.00 | \$ 75.00 | \$ 25,200 | \$ 57,120 | | |
| 133 | | 20A/1P Breaker | 146.0 | 0% | 146.0 | EA | \$ 38.00 | \$ 5,548 | 0.400 | 58.40 | \$ 75.00 | \$ 4,380 | \$ 9,928 | | |
| 134 | | 20A/2P Breaker | 5.0 | 0% | 5.0 | EA | \$ 40.00 | \$ 200 | 0.500 | 2.50 | \$ 75.00 | \$ 188 | \$ 388 | | |
| 135 | | 20A/3P Breaker | 1.0 | 0% | 1.0 | EA | \$ 43.00 | \$ 43 | 0.600 | 0.60 | \$ 75.00 | \$ 45 | \$ 88 | | |
| 136 | | 25A/1P Breaker | 2.0 | 0% | 2.0 | EA | \$ 49.00 | \$ 98 | 0.400 | 0.80 | \$ 75.00 | \$ 60 | \$ 158 | | |
| 137 | | 30A/1P Breaker | 2.0 | 0% | 2.0 | EA | \$ 56.00 | \$ 112 | 0.400 | 0.80 | \$ 75.00 | \$ 60 | \$ 172 | | |
| 138 | | 30A/2P Breaker | 86.0 | 0% | 86.0 | EA | \$ 59.00 | \$ 5,074 | 0.500 | 43.00 | \$ 75.00 | \$ 3,225 | \$ 8,299 | | |
| 139 | | 30A/3P Breaker | 1.0 | 0% | 1.0 | EA | \$ 62.00 | \$ 62 | 0.600 | 0.60 | \$ 75.00 | \$ 45 | \$ 107 | | |
| 140 | | 35A/3P Breaker | 3.0 | 0% | 3.0 | EA | \$ 68.00 | \$ 204 | 0.600 | 1.80 | \$ 75.00 | \$ 135 | \$ 339 | | |
| 141 | | 40A/2P Breaker | 4.0 | 0% | 4.0 | EA | \$ 75.00 | \$ 300 | 0.520 | 2.08 | \$ 75.00 | \$ 156 | \$ 456 | | |
| 142 | | 50A/2P Breaker | 120.0 | 0% | 120.0 | EA | \$ 88.00 | \$ 10,560 | 0.640 | 64.80 | \$ 75.00 | \$ 4,860 | \$ 15,420 | | |
| 143 | | 50A/3P Breaker | 5.0 | 0% | 5.0 | EA | \$ 96.00 | \$ 480 | 0.620 | 3.10 | \$ 75.00 | \$ 233 | \$ 713 | | |
| 144 | | 60A/2P Breaker | 1.0 | 0% | 1.0 | EA | \$ 112.00 | \$ 112 | 0.580 | 0.58 | \$ 75.00 | \$ 44 | \$ 156 | | |
| 145 | | 60A/3P Breaker | 1.0 | 0% | 1.0 | EA | \$ 112.00 | \$ 112 | 0.580 | 0.58 | \$ 75.00 | \$ 44 | \$ 156 | | |
| 146 | | 60A/3P Breaker | 1.0 | 0% | 1.0 | EA | \$ 118.00 | \$ 118 | 0.640 | 0.64 | \$ 75.00 | \$ 48 | \$ 166 | | |
| 147 | | 60A/3P Shunt Trip Breaker | 1.0 | 0% | 1.0 | EA | \$ 118.00 | \$ 118 | 0.640 | 0.64 | \$ 75.00 | \$ 48 | \$ 166 | | |
| 148 | | 100A/2P Breaker | 100.0 | 0% | 100.0 | EA | \$ 166.00 | \$ 16,600 | 0.950 | 95.00 | \$ 75.00 | \$ 7,125 | \$ 23,725 | | |
| 149 | | 100A/3P Breaker | 2.0 | 0% | 2.0 | EA | \$ 175.00 | \$ 350 | 0.980 | 1.96 | \$ 75.00 | \$ 147 | \$ 497 | | |
| 150 | | 120AF/800AT/3P GFI Breaker | 1.0 | 0% | 1.0 | EA | \$ 1,194.00 | \$ 1,194 | 5.000 | 5.00 | \$ 75.00 | \$ 375 | \$ 1,569 | | |
| 151 | | 125A/3P Breaker | 1.0 | 0% | 1.0 | EA | \$ 198.00 | \$ 198 | 1.200 | 1.20 | \$ 75.00 | \$ 90 | \$ 288 | | |
| 152 | | 125A/3P Breaker | 2.0 | 0% | 2.0 | EA | \$ 226.00 | \$ 452 | 1.200 | 2.40 | \$ 75.00 | \$ 180 | \$ 632 | | |
| 153 | | 150A/3P Breaker | 10.0 | 0% | 10.0 | EA | \$ 226.00 | \$ 2,260 | 1.450 | 14.50 | \$ 75.00 | \$ 1,088 | \$ 3,348 | | |
| 154 | | 225A/3P Breaker | 2.0 | 0% | 2.0 | EA | \$ 384.00 | \$ 768 | 2.000 | 4.00 | \$ 75.00 | \$ 300 | \$ 1,068 | | |
| 155 | | 600A/3P Breaker | 1.0 | 0% | 1.0 | EA | \$ 896.00 | \$ 896 | 5.600 | 5.60 | \$ 75.00 | \$ 420 | \$ 1,316 | | |
| 156 | | 800A/3P Breaker | 2.0 | 0% | 2.0 | EA | \$ 1,140.00 | \$ 2,280 | 7.200 | 14.40 | \$ 75.00 | \$ 1,080 | \$ 3,360 | | |
| MISCellaneous | | | | | | | | | | | | | | | |
| 157 | | 3"x2" Long Sleeve | 75.2 | 0% | 75.2 | LF | \$ 14.96 | \$ 1,125 | 0.320 | 24.06 | \$ 75.00 | \$ 1,805 | \$ 2,930 | | |
| 158 | | 4"x8" Long Sleeve | 6.0 | 0% | 6.0 | LF | \$ 20.38 | \$ 122 | 0.380 | 2.28 | \$ 75.00 | \$ 171 | \$ 293 | | |
| 159 | | Curbline Floor Raceway System | 13.1 | 0% | 13.1 | LF | \$ 32.00 | \$ 418 | 0.500 | 6.53 | \$ 75.00 | \$ 489 | \$ 907 | | |
| 160 | | 3/8"x3" Sleeve W/Protective Grommets | 3.0 | 0% | 3.0 | EA | \$ 145.00 | \$ 435 | 0.800 | 2.40 | \$ 75.00 | \$ 180 | \$ 615 | | |
| 161 | | 4"x8" Sleeve W/Protective Grommets | 5.0 | 0% | 5.0 | EA | \$ 168.00 | \$ 840 | 0.950 | 4.75 | \$ 75.00 | \$ 356 | \$ 1,196 | | |
| 162 | | Fire Curtain, By GC | 3.0 | 0% | 3.0 | EA | \$ - | \$ - | 1.500 | 4.50 | \$ 75.00 | \$ 338 | \$ 338 | | |
| 163 | | Ground Bar | 4.0 | 0% | 4.0 | EA | \$ 154.00 | \$ 616 | 1.000 | 4.00 | \$ 75.00 | \$ 300 | \$ 916 | | |
| 164 | | Junction Box | 105.0 | 0% | 105.0 | EA | \$ 78.00 | \$ 8,190 | 1.000 | 105.00 | \$ 75.00 | \$ 7,875 | \$ 16,065 | | |
| 165 | | Transformer Grounding | 4.0 | 0% | 4.0 | EA | \$ 330.00 | \$ 1,320 | 2.000 | 8.00 | \$ 75.00 | \$ 600 | \$ 1,920 | | |
| 166 | | WP Junction Box | 4.0 | 0% | 4.0 | EA | \$ 90.00 | \$ 360 | 1.250 | 5.00 | \$ 75.00 | \$ 375 | \$ 735 | | |
| GROUND BAR DETAIL | | | | | | | | | | | | | | | |
| 167 | | 1/4"x2"x1/2" Ground Bar | 1.0 | 0% | 1.0 | EA | \$ 186.00 | \$ 186 | 1.500 | 1.50 | \$ 75.00 | \$ 113 | \$ 299 | | |
| 168 | | Insulator | 1.0 | 0% | 1.0 | EA | \$ 145.00 | \$ 145 | 1.500 | 1.50 | \$ 75.00 | \$ 113 | \$ 2 | | |

| 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 |
|--|-----------|--|----------|-------|-----------|------|-----------|----------------|------------|----------------|------------|---------------------------|--------------------|----------------------|------------|
| | | SECURITY DEVICES | | | | | | | | | | | | | |
| 212 | | Camera W/Outlet Box | 61.0 | 0% | 61.0 | EA | \$ 785.00 | \$ 47,885 | 1.800 | 109.80 | \$ 75.00 | \$ 8,235 | \$ 56,120 | | |
| 213 | | CR, Card Reader | 21.0 | 0% | 21.0 | EA | \$ 236.00 | \$ 4,956 | 1.500 | 31.50 | \$ 75.00 | \$ 2,363 | \$ 7,319 | | |
| 214 | | DC, Door Contact | 21.0 | 0% | 21.0 | EA | \$ 160.00 | \$ 3,360 | 1.000 | 21.00 | \$ 75.00 | \$ 1,575 | \$ 4,935 | | |
| 215 | | DS, Door Strike | 20.0 | 0% | 20.0 | EA | \$ 175.00 | \$ 3,500 | 1.000 | 20.00 | \$ 75.00 | \$ 1,500 | \$ 5,000 | | |
| 216 | | ELR, Electronic Latch Release, Provided By Owner | 2.0 | 0% | 2.0 | EA | \$ - | \$ - | 1.600 | 3.20 | \$ 75.00 | \$ 240 | \$ 240 | | |
| 217 | | IC, Intercom | 100.0 | 0% | 100.0 | EA | \$ 390.00 | \$ 39,000 | 1.500 | 150.00 | \$ 75.00 | \$ 11,250 | \$ 50,250 | | |
| 218 | | IC-AV, Audio-Visual Intercom | 1.0 | 0% | 1.0 | EA | \$ 442.00 | \$ 442 | 1.500 | 1.50 | \$ 75.00 | \$ 113 | \$ 555 | | |
| 219 | | Push Button | 2.0 | 0% | 2.0 | EA | \$ 165.00 | \$ 330 | 1.000 | 2.00 | \$ 75.00 | \$ 150 | \$ 480 | | |
| 220 | | 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 | \$3,626,091 | | |
| THIS EXCEL STATEMENT IS EDITABLE AND CAN BE MODIFIED AS NEEDED. | | | | | | | | | | | | GENERAL CONDITIONS | | | |
| | | | | | | | | | | | | OVERHEAD | 7% | \$ 253,822.18 | |
| | | | | | | | | | | | | PROFIT | 15% | \$ 543,904.60 | |
| | | | | | | | | | | | | INSURANCE | 1% | \$ 36,260.91 | |
| | | | | | | | | | | | | CONTINGENCY | 2% | \$ 72,520.61 | |
| | | | | | | | | | | | | NET TOTAL | | \$ 4,592,598 | |