

**GENERAL SUMMARY (HOTEL)**

Prepared for: 0  
 Project ID: 0  
 Scope: GC  
 No. Of Floors: 4  
 Date: 08/30/23



| BUILDING GSF               |                     | 13,407              |                   |                     |
|----------------------------|---------------------|---------------------|-------------------|---------------------|
| DIVISION NO.               | DESCRIPTION         | HOTEL               | RESTAURANT        | TOTAL               |
| 1000                       | General Requirments | \$ 962,000          | \$ 444,000        | \$ 1,406,000        |
| 26000                      | Electrical          | \$ 1,568,654        | \$ 53,917         | \$ 1,622,570        |
| <b>TOTAL TRADE COST</b>    |                     | <b>\$ 2,530,654</b> | <b>\$ 497,917</b> | <b>\$ 3,028,570</b> |
| <b>OVERHEAD AND PROFIT</b> |                     |                     |                   |                     |
|                            | 15%                 | \$ 379,598          | \$ 74,687.52      | \$ 454,285.56       |
| INSURANCE                  | 3%                  | \$ 75,920           | \$ 14,938         | \$ 90,857           |
| CONTINGENCY                | 5%                  | \$ 126,533          | \$ 24,896         | \$ 151,429          |
| TAX                        | 7%                  | \$ 0                | \$ 2,967          | \$ 2,967            |
| <b>TOTAL TRADE COST</b>    |                     | <b>\$ 3,112,704</b> | <b>\$ 615,405</b> | <b>\$ 3,728,109</b> |



**DETAILED BREAKDOWN OF ITEMS**

Prepared for:  
Project ID:  
Scope: GC



Date: 08/30/23

| SR #                        | Drawing # | Detail # | DESCRIPTION  | UNIT | QUANTITY | WASTAGE | QUANTITY W/<br>WASTAGE | UNIT<br>MANHOUR | HOURLY<br>WAGE | LABOR<br>COST | MAT. COST   | UNIT COST       | SUB COST          |
|-----------------------------|-----------|----------|--|------|----------|---------|------------------------|-----------------|----------------|---------------|-------------|-----------------|-------------------|
| <b>GENERAL REQUIREMENTS</b> |           |          |  |      |          |         |                        |                 |                |               |             |                 |                   |
| 1                           |           |          | Permits  | LS   | 1        | 0%      | 1                      | 0.000           | \$ -           | \$ -          | \$ -        | \$ 70,000.00    | \$ 70,000.00      |
| 2                           |           |          | Supervision and Coordination                         | LS   | 10       | 0%      | 10                     | 0.000           | \$ -           | \$ -          | \$ -        | \$ 50,000.00    | \$ 500,000.00     |
| 3                           |           |          | Submittals and Shop drawings                         | LS   | 1        | 0%      | 1                      | 0.000           | \$ -           | \$ -          | \$ -        | \$ 22,000.00    | \$ 22,000.00      |
| 4                           |           |          | Final Cleaning                                       | LS   | 1        | 0%      | 1                      | 0.000           | \$ -           | \$ -          | \$ -        | \$ 35,000.00    | \$ 35,000.00      |
| 5                           |           |          | Mobilization Costs                                   | LS   | 1        | 0%      | 1                      | 0.000           | \$ -           | \$ -          | \$ -        | \$ 225,000.00   | \$ 225,000.00     |
| 6                           |           |          | Temporary Control & Facilities                       | LS   | 1        | 0%      | 1                      | 0.000           | \$ -           | \$ -          | \$ -        | \$ 92,000.00    | \$ 92,000.00      |
| 7                           |           |          | Scaffolding  | LS   | 1        | 0%      | 1                      | 0.000           | \$ -           | \$ -          | \$ -        | \$ 18,000.00    | \$ 18,000         |
|                             |           |          |  |      |          |         |                        |                 |                |               |             | <b>SUBTOTAL</b> | <b>\$ 962,000</b> |
| <b>ELECTRICAL</b>           |           |          |  |      |          |         |                        |                 |                |               |             |                 |                   |
| <b>DISTRIBUTION</b>         |           |          |  |      |          |         |                        |                 |                |               |             |                 |                   |
| <b>CONDUIT:</b>             |           |          |  |      |          |         |                        |                 |                |               |             |                 |                   |
| 8                           |           |          | 1-1/4" EMT Conduit                                   | LF   | 173      | 10%     | 190                    | 0.080           | \$ 75.00       | \$ 6.00       | \$ 4.22     | \$ 10.22        | \$ 1,944.42       |
| 9                           |           |          | 2" EMT Conduit                                       | LF   | 251      | 10%     | 276                    | 0.100           | \$ 75.00       | \$ 7.50       | \$ 6.44     | \$ 13.94        | \$ 3,843.01       |
| 10                          |           |          | 2-1/2" EMT Conduit                                   | LF   | 1522     | 10%     | 1674                   | 0.133           | \$ 75.00       | \$ 9.98       | \$ 8.51     | \$ 18.49        | \$ 30,946.16      |
| 11                          |           |          | 4" EMT Conduit                                       | LF   | 104      | 10%     | 115                    | 0.200           | \$ 75.00       | \$ 15.00      | \$ 14.53    | \$ 29.53        | \$ 3,393.82       |
| <b>CONDUCTOR:</b>           |           |          |  |      |          |         |                        |                 |                |               |             |                 |                   |
| 12                          |           |          | #2 AL RW90 NUAL (AA-8030)                            | LF   | 692      | 10%     | 761                    | 0.018           | \$ 75.00       | \$ 1.33       | \$ 1.28     | \$ 2.61         | \$ 1,988.94       |
| 13                          |           |          | #2/0 AL RW90 NUAL (AA-8030)                          | LF   | 752      | 10%     | 827                    | 0.028           | \$ 75.00       | \$ 2.07       | \$ 1.95     | \$ 4.02         | \$ 3,324.10       |
| 14                          |           |          | #4/0 AL RW90 NUAL (AA-8030)                          | LF   | 6088     | 10%     | 6696                   | 0.036           | \$ 75.00       | \$ 2.73       | \$ 2.25     | \$ 4.98         | \$ 33,327.95      |
| 15                          |           |          | #500MCM AL RW90 NUAL (AA-8030)                       | LF   | 418      | 10%     | 460                    | 0.050           | \$ 75.00       | \$ 3.75       | \$ 3.12     | \$ 6.87         | \$ 3,158.22       |
| <b>LUGS:</b>                |           |          |  |      |          |         |                        |                 |                |               |             |                 |                   |
| 16                          |           |          | Compression Lug AL With 1-Hole , #2 AL Wire          | EA   | 8        | 0%      | 8                      | 0.220           | \$ 75.00       | \$ 16.50      | \$ 4.45     | \$ 20.95        | \$ 167.60         |
|                             |           |          | Heat Shrink Tubing for #2 AL Wire                    | EA   | 8        | 0%      | 8                      | 0.120           | \$ 75.00       | \$ 9.00       | \$ 1.70     | \$ 10.70        | \$ 85.56          |
| 17                          |           |          | Compression Lug AL With 1-Hole , #2/0 AL Wire        | EA   | 24       | 0%      | 24                     | 0.280           | \$ 75.00       | \$ 21.00      | \$ 7.25     | \$ 28.25        | \$ 678.00         |
|                             |           |          | Heat Shrink Tubing for #2/0 AL Wire                  | EA   | 24       | 0%      | 24                     | 0.120           | \$ 75.00       | \$ 9.00       | \$ 2.01     | \$ 11.01        | \$ 264.24         |
| 18                          |           |          | Compression Lug AL With 1-Hole , #4/0 AL Wire        | EA   | 96       | 0%      | 96                     | 0.300           | \$ 75.00       | \$ 22.50      | \$ 12.40    | \$ 34.90        | \$ 3,350.40       |
|                             |           |          | Heat Shrink Tubing for #4/0 AL Wire                  | EA   | 96       | 0%      | 96                     | 0.120           | \$ 75.00       | \$ 9.00       | \$ 2.37     | \$ 11.37        | \$ 1,091.52       |
| 19                          |           |          | Compression Lug AL With 1-Hole , #500 MCM AL Wire    | EA   | 8        | 0%      | 8                      | 0.500           | \$ 75.00       | \$ 37.50      | \$ 54.70    | \$ 92.20        | \$ 737.60         |
|                             |           |          | Heat Shrink Tubing for #500 MCM AL Wire              | EA   | 8        | 0%      | 8                      | 0.120           | \$ 75.00       | \$ 9.00       | \$ 2.91     | \$ 11.91        | \$ 95.28          |
| <b>CIRCUIT BREAKER:</b>     |           |          |  |      |          |         |                        |                 |                |               |             |                 |                   |
| 20                          |           |          | 1P/15A Breaker                                       | EA   | 300      | 0%      | 300                    | 1.200           | \$ 75.00       | \$ 90.00      | \$ 465.00   | \$ 555.00       | \$ 166,500.00     |
| 21                          |           |          | 1P/20A Breaker                                       | EA   | 15       | 0%      | 15                     | 1.200           | \$ 75.00       | \$ 90.00      | \$ 465.00   | \$ 555.00       | \$ 8,325.00       |
| 22                          |           |          | 2P/15A Breaker                                       | EA   | 37       | 0%      | 37                     | 1.429           | \$ 75.00       | \$ 107.18     | \$ 593.56   | \$ 700.74       | \$ 25,927.20      |
| 23                          |           |          | 2P/20A Breaker                                       | EA   | 13       | 0%      | 13                     | 1.429           | \$ 75.00       | \$ 107.18     | \$ 593.56   | \$ 700.74       | \$ 9,109.56       |
| 24                          |           |          | 2P/30A Breaker                                       | EA   | 4        | 0%      | 4                      | 1.429           | \$ 75.00       | \$ 107.18     | \$ 593.56   | \$ 700.74       | \$ 2,802.94       |
| 25                          |           |          | 2P/40A Breaker                                       | EA   | 3        | 0%      | 3                      | 1.429           | \$ 75.00       | \$ 107.18     | \$ 593.56   | \$ 700.74       | \$ 2,102.21       |
| 26                          |           |          | 2P/50A Breaker                                       | EA   | 1        | 0%      | 1                      | 1.429           | \$ 75.00       | \$ 107.18     | \$ 593.56   | \$ 700.74       | \$ 700.74         |
| 27                          |           |          | 3P/15A Breaker                                       | EA   | 1        | 0%      | 1                      | 1.509           | \$ 75.00       | \$ 113.18     | \$ 609.18   | \$ 722.36       | \$ 722.36         |
| 28                          |           |          | 3P/20A Breaker                                       | EA   | 2        | 0%      | 2                      | 1.509           | \$ 75.00       | \$ 113.18     | \$ 609.18   | \$ 722.36       | \$ 1,444.71       |
| 29                          |           |          | 3P/50A Breaker                                       | EA   | 1        | 0%      | 1                      | 1.509           | \$ 75.00       | \$ 113.18     | \$ 609.18   | \$ 722.36       | \$ 722.36         |
| 30                          |           |          | 3P/60A Breaker                                       | EA   | 1        | 0%      | 1                      | 1.509           | \$ 75.00       | \$ 113.18     | \$ 609.18   | \$ 722.36       | \$ 722.36         |
| 31                          |           |          | 3P/100A Breaker                                      | EA   | 1        | 0%      | 1                      | 2.000           | \$ 75.00       | \$ 150.00     | \$ 554.51   | \$ 704.51       | \$ 704.51         |
| 32                          |           |          | 3P/150A Breaker                                      | EA   | 2        | 0%      | 2                      | 2.500           | \$ 75.00       | \$ 187.50     | \$ 3,729.28 | \$ 3,916.78     | \$ 7,833.56       |
| 33                          |           |          | 3P/200A Breaker                                      | EA   | 12       | 0%      | 12                     | 2.500           | \$ 75.00       | \$ 187.50     | \$ 3,729.28 | \$ 3,916.78     | \$ 47,001.36      |
| 34                          |           |          | 1750A GFI Main Breaker                               | EA   | 1        | 0%      | 1                      | 7.500           | \$ 75.00       | \$ 562.50     | \$ 7,655.00 | \$ 8,217.50     | \$ 8,217.50       |
| <b>PANEL:</b>               |           |          |  |      |          |         |                        |                 |                |               |             |                 |                   |
| 35                          |           |          | Panel 1A: 200A, 208Y/120V, 3P, 4W, Main MLO, 22 KAIC | EA   | 1        | 0%      | 1                      | 2.650           | \$ 75.00       | \$ 198.75     | \$ 2,860.00 | \$ 3,058.75     | \$ 3,058.75       |



**DETAILED BREAKDOWN OF ITEMS**

Prepared for:  
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 Scope: GC



Date: 08/30/23

| SR #                         | Drawing # | Detail #         | DESCRIPTION  | UNIT | QUANTITY | WASTAGE | QUANTITY W/<br>WASTAGE | UNIT<br>MANHOUR | HOURLY<br>WAGE | LABOR<br>COST | MAT. COST   | UNIT COST          | SUB COST     |
|------------------------------|-----------|------------------|--|------|----------|---------|------------------------|-----------------|----------------|---------------|-------------|--------------------|--------------|
| 75                           |           |                  | 100: LED Recessed Box, EATON-22CZ-LD5-39-UNV-L835-CIEAU (Or Approved Equivalent) Mounted: Ceiling Surface Watt: 4.4W   | EA   | 1        | 0%      | 1                      | 0.25            | \$ 75.00       | \$ 63.75      | \$ 85.96    | \$ 149.71          | \$ 3,593.04  |
| 76                           |           |                  | 101: LED Recessed Box, EATON-22SR-LD2-29-C-UNV-L835-ED1-U (Or Approved Equivalent) Mounted: Ceiling Surface Watt: 6.4W   | EA   | 1        | 0%      | 1                      | 0.25            | \$ 75.00       | \$ 63.75      | \$ 176.69   | \$ 240.44          | \$ 3,125.72  |
| 77                           |           |                  | 103: LED Recessed Box, EATON-24GR-LD5-72-F1-UNV-L835-ED1-U (Or Approved Equivalent) Mounted: Ceiling Surface Watt: 5.4W  | EA   | 1        | 0%      | 1                      | 0.25            | \$ 75.00       | \$ 63.75      | \$ 139.07   | \$ 202.82          | \$ 1,014.10  |
| 78                           |           |                  | 106: Decorative Pendant LED, CHALLENGER Lighting - CA547A-00-5-AND (Or Approved Equivalent) Mounted: Ceiling Suspended Watt: 175W                              | EA   | 1        | 0%      | 1                      | 0.30            | \$ 90.00       | \$ 279.60     | \$ 369.60   | \$ 1,108.80        |              |
| 79                           |           |                  | 107: Decorative Pendant LED, CHALLENGER Lighting - CA547A-00-5-GREY (Or Approved Equivalent) Mounted: Ceiling Suspended Watt: 175W                             | EA   | 1        | 0%      | 1                      | 0.30            | \$ 90.00       | \$ 279.60     | \$ 369.60   | \$ 369.60          |              |
| 80                           |           |                  | 111: Decorative Pendant LED, CHALLENGER Lighting - CA547A-00-5-LK (Or Approved Equivalent) Mounted: Ceiling Suspended Watt: 175W                               | EA   | 1        | 0%      | 1                      | 0.30            | \$ 90.00       | \$ 279.60     | \$ 369.60   | \$ 369.60          |              |
| 81                           |           |                  | 113: Wall Sconce LED, RESTORATION HARDWARE - 70030E26BRS1R (Or Approved Equivalent) Mounted: Wall Mount Watt: 200W   | EA   | 1        | 0%      | 1                      | 0.30            | \$ 75.00       | \$ 66.75      | \$ 230.00   | \$ 296.75          | \$ 1,483.75  |
| 82                           |           |                  | 114: Decorative Pendant LED, RESTORATION HARDWARE - EA030728BRS1R (Or Approved Equivalent) Mounted: Wall Mount Watt: 200W                                      | EA   | 1        | 0%      | 1                      | 0.30            | \$ 75.00       | \$ 66.75      | \$ 230.00   | \$ 296.75          | \$ 890.25    |
| 83                           |           |                  | 115: Wall Sconce LED, ASHLEY LIGHTING, Inc. - 71270A-03E-A75D (Or Approved Equivalent) Mounted: Wall Mount Watt: 60W   | EA   | 1        | 0%      | 1                      | 0.25            | \$ 75.00       | \$ 48.75      | \$ 200.99   | \$ 249.74          | \$ 8,740.90  |
| 84                           |           |                  | 116: Wall Sconce LED, ASHLEY LIGHTING, Inc. - 71270A-03E-A75D (Or Approved Equivalent) Mounted: Wall Mount Watt: 45W   | EA   | 1        | 0%      | 1                      | 0.25            | \$ 75.00       | \$ 33.75      | \$ 155.00   | \$ 188.75          | \$ 377.50    |
| 85                           |           |                  | 117: Ceiling Dome LED, RESTORATION HARDWARE - 70030E26BRS1R (Or Approved Equivalent) Mounted: Ceiling Surface Watt: 60W  | EA   | 1        | 0%      | 1                      | 0.30            | \$ 75.00       | \$ 66.75      | \$ 230.00   | \$ 296.75          | \$ 78,342.00 |
| 86                           |           |                  | 118: Surface Mounted Wrap LED, EATON Metalux - 2WNLEDA4-28SL-FUNV L835CD100 (Or Approved Equivalent) Mounted: Ceiling Surface Watt: 28W                        | EA   | 1        | 0%      | 1                      | 0.25            | \$ 75.00       | \$ 50.00      | \$ 114.99   | \$ 163.74          | \$ 1,964.88  |
| 87                           |           |                  | 119: Surface Mounted Wrap LED, EATON Metalux - 2WNLEDA4-40SL-FUNV L835CD100 (Or Approved Equivalent) Mounted: Ceiling Surface Watt: 40W                        | EA   | 1        | 0%      | 1                      | 0.25            | \$ 75.00       | \$ 50.00      | \$ 159.56   | \$ 208.31          | \$ 4,582.82  |
| 88                           |           |                  | 120: Cove LED, EATON Corelite - JS-LL-3L35-1D-120-SJ-W/EA (Or Approved Equivalent) Mounted: Wall Surface Watt: 230W  | EA   | 5        | 0%      | 5                      | 0.80            | \$ 75.00       | \$ 66.00      | \$ 279.00   | \$ 345.00          | \$ 2,760.00  |
| 89                           |           |                  | 121: Wall Sconce LED, INSIGHT LIGHTING - MLE-DW/EA   | EA   | 5        | 0%      | 5                      | 0.80            | \$ 75.00       | \$ 60.00      | \$ 188.00   | \$ 248.00          | \$ 1,240.00  |
| 90                           |           |                  | 122: Down Light LED, EATON - Halo - PD620ED010-PDM6A9A0-61VH (Or Approved Equivalent) Mounted: Ceiling Recast Watt: 19.9W                                      | EA   | 1        | 0%      | 1                      | 0.25            | \$ 75.00       | \$ 26.25      | \$ 110.56   | \$ 136.81          | \$ 29,687.77 |
| 91                           |           |                  | 124: Down Light LED, EATON - Portfolio - LD6A-15-D0/EA   | EA   | 37       | 0%      | 37                     | 0.350           | \$ 75.00       | \$ 26.25      | \$ 132.00   | \$ 158.25          | \$ 5,855.25  |
| 92                           |           |                  | 126: Down Light LED, EATON - Halo - Edison - ML4D09NFL930E-TL50AQQ25-TL4RMBH1995CAT (Or Approved Equivalent) Mounted: Ceiling Surface Watt: 25W                | EA   | 1        | 0%      | 1                      | 0.25            | \$ 75.00       | \$ 26.25      | \$ 159.00   | \$ 160.50          | \$ 481.50    |
| 93                           |           |                  | 127: Down Light LED, EATON - Halo - ML4D09NFL930/EA  | EA   | 20       | 0%      | 20                     | 0.320           | \$ 75.00       | \$ 24.00      | \$ 77.20    | \$ 101.20          | \$ 2,024.00  |
| 94                           |           |                  | 128: Down Light LED, EATON - Halo - PD615D010B-PDM6B9A0-61VH (Or Approved Equivalent) Mounted: Ceiling Recast Watt: 18.7W                                      | EA   | 1        | 0%      | 1                      | 0.25            | \$ 75.00       | \$ 48.75      | \$ 195.00   | \$ 243.75          | \$ 1,218.75  |
| 95                           |           |                  | 131: Surface Direct Indirect LED Light, EATON - Metalux - 4SWAED-1D4-48H-LW UNV-1085-CD1-SVPD (Or Approved Equivalent) Mounted: Ceiling Surface Watt: 48W      | EA   | 1        | 0%      | 1                      | 0.350           | \$ 75.00       | \$ 160.00     | \$ 133.3W   | \$ 167.89          | \$ 1,343.12  |
| 96                           |           |                  | 132: Flood Light LED, LUMARK - LDWP-FC-3B-120V-HMLB/EA   | EA   | 1        | 0%      | 1                      | 0.30            | \$ 75.00       | \$ 66.75      | \$ 500.00   | \$ 566.75          | \$ 2,833.75  |
| 97                           |           |                  | 134: Elevator Pit LED Light, PHILIPS Quality Exceline - BLW2E4FLCJC-1 (Or Approved Equivalent) Mounted: Wall Surface Watt: 18W                                 | EA   | 1        | 0%      | 1                      | 0.25            | \$ 75.00       | \$ 42.00      | \$ 109.19   | \$ 151.19          | \$ 302.38    |
| 98                           |           |                  | 135: Tape Lights LED, FLEXYDLED CH#103197122, Warm White Strip Light, 8x16'-5" Per Roll W/Translucent Cover, Power Supply Drivers 7500 (120V/330W), W/30148040 | EA   | 1        | 0%      | 1                      | 6.00            | \$ 260.00      | \$ 1,560.00   | \$ 1,560.00 | \$ 1,560.00        | \$ 1,560.00  |
| 99                           |           |                  | 136: Tape Lights LED, FLEXYDLED CH#103197122, Warm White Strip Light, 7'6"-5" Per Roll W/Translucent Cover, Power Supply Drivers 7500 (120V/330W), W/30148040  | EA   | 1        | 0%      | 1                      | 6.00            | \$ 260.00      | \$ 1,560.00   | \$ 1,560.00 | \$ 1,560.00        | \$ 1,560.00  |
| 100                          |           |                  | 137: Tape Lights LED, FLEXYDLED CH#103197122, Warm White Strip Light, 6'6"-5" Per Roll W/Translucent Cover, Power Supply Drivers 7500 (120V/330W), W/30148040  | EA   | 1        | 0%      | 1                      | 6.00            | \$ 260.00      | \$ 1,560.00   | \$ 1,560.00 | \$ 1,560.00        | \$ 1,560.00  |
| 101                          |           |                  | 104: Track Light LED, TECH LIGHTING LLC - 700TTM-SCA0371-H (Or Approved Equivalent) Mounted: Ceiling Suspended Watt: 50W                                       | EA   | 1        | 0%      | 1                      | 0.500           | \$ 75.00       | \$ 37.50      | \$ 65.23    | \$ 102.73          | \$ 102.73    |
| 102                          |           |                  | 138: Linear Cove Light LED, EATON - O.03L3K.90.101...12.11/ESA BK Wall (Or Approved Equivalent) Mounted: Side Mount Watt: 1.7W                                 | EA   | 1        | 0%      | 1                      | 0.500           | \$ 75.00       | \$ 37.50      | \$ 65.23    | \$ 102.73          | \$ 102.73    |
| 103                          |           |                  | Emergency Remote Head C/W Battery Backup: Emergency Light LED, EATON Surelites - CBE25SD (Or Approved Equivalent) Mounted: Ceiling Surface Watt: 18W           | EA   | 1        | 0%      | 1                      | 0.30            | \$ 75.00       | \$ 26.75      | \$ 263.75   | \$ 263.75          | \$ 263.75    |
| 104                          |           |                  | 114: Decorative Pendant LED, RESTORATION HARDWARE - EA030728BRS1R (Or Approved Equivalent) Mounted: Wall Mount Watt: 200W                                      | EA   | 1        | 0%      | 1                      | 0.30            | \$ 75.00       | \$ 66.75      | \$ 230.00   | \$ 296.75          | \$ 1,187.00  |
| 105                          |           |                  | Exit Sign: Exit Light LED, EATON - Surelites - CX7 (Or Approved Equivalent) Mounted: Wall 0% Ceiling Surface Watt: 1W  | EA   | 1        | 0%      | 1                      | 0.450           | \$ 75.00       | \$ 33.75      | \$ 125.49   | \$ 159.24          | \$ 7,802.76  |
| 106                          |           | Detail Not Given | Strip Light @ Pool   | LF   | 52       | 0%      | 52                     | 0.050           | \$ 75.00       | \$ 3.75       | \$ 0.25     | \$ 4.00            | \$ 208.36    |
|                              |           |                  | <b>LIGHTING CONTROL:</b>   |      |          |         |                        |                 |                |               |             |                    |              |
| 107                          |           |                  | Single Pole Switch, WP   | EA   | 2        | 0%      | 2                      | 0.290           | \$ 75.00       | \$ 21.75      | \$ 19.50    | \$ 41.25           | \$ 82.50     |
| 108                          |           |                  | Single Pole Switch - Throw Type  | EA   | 98       | 0%      | 98                     | 0.290           | \$ 75.00       | \$ 21.75      | \$ 25.60    | \$ 47.35           | \$ 4,640.30  |
| 109                          |           |                  | Dimmer Switch  | EA   | 1        | 0%      | 1                      | 0.250           | \$ 75.00       | \$ 18.75      | \$ 16.59    | \$ 35.34           | \$ 35.34     |
| 110                          |           |                  | Occupancy Sensor Switch  | EA   | 19       | 0%      | 19                     | 0.250           | \$ 75.00       | \$ 18.75      | \$ 22.85    | \$ 41.60           | \$ 790.40    |
| 111                          |           |                  | Occupancy Sensor, Ceiling Mounted  | EA   | 24       | 0%      | 24                     | 0.280           | \$ 75.00       | \$ 21.00      | \$ 22.85    | \$ 43.85           | \$ 1,052.40  |
| 112                          |           |                  | Three-Way Dimmer Switch  | EA   | 5        | 0%      | 5                      | 0.280           | \$ 75.00       | \$ 21.00      | \$ 29.80    | \$ 50.80           | \$ 254.00    |
| 113                          |           |                  | Three-Way Switch   | EA   | 7        | 0%      | 7                      | 0.280           | \$ 75.00       | \$ 21.00      | \$ 21.00    | \$ 42.00           | \$ 294.00    |
| 114                          |           |                  | Vacancy Sensor Switch  | EA   | 81       | 0%      | 81                     | 0.280           | \$ 75.00       | \$ 21.00      | \$ 22.85    | \$ 43.85           | \$ 3,551.85  |
|                              |           |                  | <b>MISCELLANEOUS</b>   |      |          |         |                        |                 |                |               |             |                    |              |
| 115                          |           |                  | Junction Box   | EA   | 16       | 0%      | 16                     | 0.350           | \$ 75.00       | \$ 26.25      | \$ 65.00    | \$ 91.25           | \$ 1,460.00  |
| 116                          |           |                  | Junction Box, Weather Proof  | EA   | 5        | 0%      | 5                      | 0.350           | \$ 75.00       | \$ 26.25      | \$ 72.00    | \$ 98.25           | \$ 491.25    |
| 117                          |           |                  | Pull Box   | EA   | 25       | 0%      | 25                     | 0.450           | \$ 75.00       | \$ 33.75      | \$ 83.25    | \$ 117.00          | \$ 2,925.00  |
| <b>SUBTOTAL \$ 1,568,654</b> |           |                  |  |      |          |         |                        |                 |                |               |             |                    |              |
| <b>PROJECTED COST</b>        |           |                  |  |      |          |         |                        |                 |                |               |             | <b>\$2,530,654</b> |              |
| <b>OVERHEAD AND PROFIT</b>   |           |                  |  |      |          |         |                        |                 |                |               |             | 15%                | \$379,598    |
| <b>INSURANCE</b>             |           |                  |  |      |          |         |                        |                 |                |               |             | 3%                 | \$75,920     |

**DETAILED BREAKDOWN OF ITEMS**

Prepared for:  
 Project ID:  
 Scope: GC



Date: 08/30/23

| SR #                 | Drawing # | Detail # | DESCRIPTION | UNIT | QUANTITY | WASTAGE | QUANTITY W/<br>WASTAGE | UNIT<br>MANHOUR | HOURLY<br>WAGE | LABOR<br>COST | MAT. COST | UNIT COST | SUB COST    |
|----------------------|-----------|----------|-------------|------|----------|---------|------------------------|-----------------|----------------|---------------|-----------|-----------|-------------|
| <b>CONTINGENCY</b>   |           |          |             |      |          |         |                        |                 |                |               |           | 5%        | \$126,533   |
| <b>TAX</b>           |           |          |             |      |          |         |                        |                 |                |               |           | 7%        | \$0         |
| <b>SUGGESTED BID</b> |           |          |             |      |          |         |                        |                 |                |               |           |           | \$3,112,704 |

**Note:**

1. Please verify the equipment's and their prices with owner.
2. Online sources are used for pricing.
3. Prices can vary depending upon field conditions.



**DETAILED BREAKDOWN OF ITEMS**

Prepared for:  
Project ID:  
Scope: GC



Date: 08/30/23

| SR #                        | Drawing # | Detail # | DESCRIPTION  | UNIT | QUANTITY | WASTAGE | QUANTITY W/<br>WASTAGE | UNIT<br>MANHOURL | HOURLY<br>WAGE | LABOR<br>COST | MAT. COST    | UNIT COST       | SUB COST          |
|-----------------------------|-----------|----------|--|------|----------|---------|------------------------|------------------|----------------|---------------|--------------|-----------------|-------------------|
| <b>GENERAL REQUIREMENTS</b> |           |          |  |      |          |         |                        |                  |                |               |              |                 |                   |
| 1                           |           |          | Permits  | LS   | 1        | 0%      | 1                      | 0.000            | \$ -           | \$ -          | \$ -         | \$ 35,000.00    | \$ 35,000.00      |
| 2                           |           |          | Supervision and Coordination   | LS   | 6        | 0%      | 6                      | 0.000            | \$ -           | \$ -          | \$ -         | \$ 25,000.00    | \$ 150,000.00     |
| 3                           |           |          | Submittals and Shop drawings   | LS   | 1        | 0%      | 1                      | 0.000            | \$ -           | \$ -          | \$ -         | \$ 12,000.00    | \$ 12,000.00      |
| 4                           |           |          | Final Cleaning   | LS   | 1        | 0%      | 1                      | 0.000            | \$ -           | \$ -          | \$ -         | \$ 22,000.00    | \$ 22,000.00      |
| 5                           |           |          | Mobilization Costs   | LS   | 1        | 0%      | 1                      | 0.000            | \$ -           | \$ -          | \$ -         | \$ 150,000.00   | \$ 150,000.00     |
| 6                           |           |          | Temporary Control & Facilities   | LS   | 1        | 0%      | 1                      | 0.000            | \$ -           | \$ -          | \$ -         | \$ 65,000.00    | \$ 65,000.00      |
| 7                           |           |          | Scaffolding  | LS   | 1        | 0%      | 1                      | 0.000            | \$ -           | \$ -          | \$ -         | \$ 10,000.00    | \$ 10,000.00      |
|                             |           |          |  |      |          |         |                        |                  |                |               |              | <b>SUBTOTAL</b> | <b>\$ 444,000</b> |
| <b>ELECTRICAL</b>           |           |          |  |      |          |         |                        |                  |                |               |              |                 |                   |
| <b>DISTRIBUTION</b>         |           |          |  |      |          |         |                        |                  |                |               |              |                 |                   |
| <b>CONDUIT:</b>             |           |          |  |      |          |         |                        |                  |                |               |              |                 |                   |
| 8                           |           |          | 2" EMT Conduit   | LF   | 8        | 10%     | 8                      | 0.100            | \$ 75.00       | \$ 7.50       | \$ 6.44      | \$ 13.94        | \$ 115.31         |
| 9                           |           |          | 3" EMT Conduit   | LF   | 7        | 10%     | 7                      | 0.160            | \$ 75.00       | \$ 12.00      | \$ 10.70     | \$ 22.70        | \$ 164.80         |
| <b>CONDUCTOR:</b>           |           |          |  |      |          |         |                        |                  |                |               |              |                 |                   |
| 10                          |           |          | #6 AL RW90 NUAL (AA-8030)  | LF   | 8        | 10%     | 8                      | 0.012            | \$ 75.00       | \$ 0.92       | \$ 2.63      | \$ 3.56         | \$ 29.41          |
| 11                          |           |          | #4 AL RW90 NUAL (AA-8030)  | LF   | 7        | 10%     | 7                      | 0.015            | \$ 75.00       | \$ 1.13       | \$ 2.98      | \$ 4.11         | \$ 29.85          |
| 12                          |           |          | #1 AL RW90 NUAL (AA-8030)  | LF   | 32       | 10%     | 35                     | 0.020            | \$ 75.00       | \$ 1.50       | \$ 1.38      | \$ 2.88         | \$ 101.27         |
| 13                          |           |          | #250 KCMIL, AL RW90 NUAL (AA-8030)   | LF   | 28       | 10%     | 31                     | 0.040            | \$ 75.00       | \$ 3.00       | \$ 2.70      | \$ 5.70         | \$ 175.56         |
| <b>LUGS:</b>                |           |          |  |      |          |         |                        |                  |                |               |              |                 |                   |
| 14                          |           |          | Compression Lug AL With 1-Hole , #6 AL Wire                                      | EA   | 2        | 0%      | 2                      | 0.150            | \$ 75.00       | \$ 11.25      | \$ 2.53      | \$ 13.78        | \$ 27.56          |
|                             |           |          | Heat Shrink Tubing for #6 AL Wire  | EA   | 2        | 0%      | 2                      | 0.120            | \$ 75.00       | \$ 9.00       | \$ 1.29      | \$ 10.29        | \$ 20.58          |
| 15                          |           |          | Compression Lug AL With 1-Hole , #4 AL Wire                                      | EA   | 2        | 0%      | 2                      | 0.200            | \$ 75.00       | \$ 15.00      | \$ 3.45      | \$ 18.45        | \$ 36.90          |
|                             |           |          | Heat Shrink Tubing for #4 AL Wire  | EA   | 2        | 0%      | 2                      | 0.120            | \$ 75.00       | \$ 9.00       | \$ 1.47      | \$ 10.47        | \$ 20.94          |
| 16                          |           |          | Compression Lug AL With 1-Hole , #1 AL Wire                                      | EA   | 8        | 0%      | 8                      | 0.250            | \$ 75.00       | \$ 18.75      | \$ 4.89      | \$ 23.64        | \$ 189.12         |
|                             |           |          | Heat Shrink Tubing for #1 AL Wire  | EA   | 8        | 0%      | 8                      | 0.120            | \$ 75.00       | \$ 9.00       | \$ 1.74      | \$ 10.74        | \$ 85.92          |
| 17                          |           |          | Compression Lug AL With 1-Hole , #250 KCMIL AL Wire                              | EA   | 8        | 0%      | 8                      | 0.400            | \$ 75.00       | \$ 30.00      | \$ 24.00     | \$ 54.00        | \$ 432.00         |
|                             |           |          | Heat Shrink Tubing for #250 KCMIL AL Wire  | EA   | 8        | 0%      | 8                      | 0.120            | \$ 75.00       | \$ 9.00       | \$ 2.55      | \$ 11.55        | \$ 92.40          |
| <b>CIRCUIT BREAKER:</b>     |           |          |  |      |          |         |                        |                  |                |               |              |                 |                   |
| 18                          |           |          | 1P/20A Breaker   | EA   | 2        | 0%      | 2                      | 1.200            | \$ 75.00       | \$ 90.00      | \$ 465.00    | \$ 555.00       | \$ 1,110.00       |
| 19                          |           |          | 3P/30A Breaker   | EA   | 1        | 0%      | 1                      | 1.509            | \$ 75.00       | \$ 113.18     | \$ 609.18    | \$ 722.36       | \$ 722.36         |
| 20                          |           |          | 3P/60A Breaker   | EA   | 1        | 0%      | 1                      | 1.509            | \$ 75.00       | \$ 113.18     | \$ 609.18    | \$ 722.36       | \$ 722.36         |
| 21                          |           |          | 3P/100A Breaker  | EA   | 1        | 0%      | 1                      | 2.000            | \$ 75.00       | \$ 150.00     | \$ 554.51    | \$ 704.51       | \$ 704.51         |
| 22                          |           |          | 3P/200A Breaker  | EA   | 1        | 0%      | 1                      | 2.500            | \$ 75.00       | \$ 187.50     | \$ 3,729.28  | \$ 3,916.78     | \$ 3,916.78       |
| <b>PANEL:</b>               |           |          |  |      |          |         |                        |                  |                |               |              |                 |                   |
| 23                          |           |          | Panel CL: 100A, 208Y/120V, 3PH, 4W, Mains: MLO, 22K AIC, EA Poles, Flush Mounted | EA   | 1        | 0%      | 1                      | 1.950            | \$ 75.00       | \$ 146.25     | \$ 1,250.00  | \$ 1,396.25     | \$ 1,396.25       |
| 24                          |           |          | Panel P1: 200A, 208Y/120V, 3PH, 4W, Mains: MLO, 22K                              | EA   | 1        | 0%      | 1                      | 2.650            | \$ 75.00       | \$ 198.75     | \$ 2,560.00  | \$ 2,758.75     | \$ 2,758.75       |
| <b>DEVICES:</b>             |           |          |  |      |          |         |                        |                  |                |               |              |                 |                   |
| 25                          |           |          | TX-1 Utility Transformer (With Concrete Base)                                    | EA   | 1        | 0%      | 1                      | 7.560            | \$ 75.00       | \$ 567.00     | \$ 20,089.00 | \$ 20,656.00    | \$ 20,656.00      |
| 26                          |           |          | Utility Meter And CT Cabinet   | EA   | 1        | 0%      | 1                      | 2.560            | \$ 75.00       | \$ 192.00     | \$ 2,219.00  | \$ 2,411.00     | \$ 2,411.00       |
| <b>DISCONNECT SWITCH:</b>   |           |          |  |      |          |         |                        |                  |                |               |              |                 |                   |
| 27                          |           |          | 3P/30A Disconnect Switch (Assumed From Panel Schedule)                           | EA   | 1        | 0%      | 1                      | 0.950            | \$ 75.00       | \$ 71.25      | \$ 222.27    | \$ 293.52       | \$ 293.52         |
| 28                          |           |          | 3P/60A Disconnect Switch (Assumed From Panel Schedule)                           | EA   | 1        | 0%      | 1                      | 1.150            | \$ 75.00       | \$ 86.25      | \$ 425.69    | \$ 511.94       | \$ 511.94         |
| 29                          |           |          | 400A/400AF Disconnect Switch   | EA   | 1        | 0%      | 1                      | 2.150            | \$ 75.00       | \$ 161.25     | \$ 1,393.77  | \$ 1,555.02     | \$ 1,555.02       |
| <b>POWER</b>                |           |          |  |      |          |         |                        |                  |                |               |              |                 |                   |
| <b>CONDUIT:</b>             |           |          |  |      |          |         |                        |                  |                |               |              |                 |                   |
| 30                          |           |          | 3/4" EMT Conduit   | LF   | 20       | 10%     | 22                     | 0.062            | \$ 75.00       | \$ 4.65       | \$ 1.52      | \$ 6.17         | \$ 135.74         |
| 31                          |           |          | 1" EMT Conduit   | LF   | 10       | 10%     | 11                     | 0.070            | \$ 75.00       | \$ 5.25       | \$ 2.56      | \$ 7.81         | \$ 85.91          |
| 32                          |           |          | 3/4" RGS Conduit   | LF   | 153      | 10%     | 168                    | 0.100            | \$ 75.00       | \$ 7.50       | \$ 3.78      | \$ 11.28        | \$ 1,898.42       |
| 33                          |           |          | 1" RGS Conduit   | LF   | 61       | 10%     | 67                     | 0.123            | \$ 75.00       | \$ 9.23       | \$ 5.74      | \$ 14.97        | \$ 1,000.86       |

E1.1, E2.0, E3.0  
,E4.0 & E6.0

**DETAILED BREAKDOWN OF ITEMS**

Prepared for: .E4.0 & E6.0  
 Project ID:  
 Scope: GC



Date: 08/30/23

| SR # | Drawing # | Detail #                  | DESCRIPTION   | UNIT | QUANTITY | WASTAGE | QUANTITY W/<br>WASTAGE | UNIT<br>MANHOUR | HOURLY<br>WAGE | LABOR<br>COST | MAT. COST       | UNIT COST | SUB COST    |
|------|-----------|---------------------------|---|------|----------|---------|------------------------|-----------------|----------------|---------------|-----------------|-----------|-------------|
|      |           |                           | <b>CONDUCTOR:</b>   |      |          |         |                        |                 |                |               |                 |           |             |
| 34   |           |                           | #10 CU RW90 X-LINK  | LF   | 641      | 10%     | 705                    | 0.008           | \$ 75.00       | \$ 0.60       | \$ 1.45         | \$ 2.05   | \$ 1,445.46 |
| 35   |           |                           | #6 CU RW90 X-LINK   | LF   | 212      | 10%     | 233                    | 0.012           | \$ 75.00       | \$ 0.92       | \$ 2.63         | \$ 3.56   | \$ 829.20   |
|      |           |                           | <b>DEVICE:</b>  |      |          |         |                        |                 |                |               |                 |           |             |
| 36   |           |                           | Duplex Receptacle 20A, GFI, WP  | EA   | 2        | 0%      | 2                      | 0.320           | \$ 75.00       | \$ 24.00      | \$ 35.89        | \$ 59.89  | \$ 119.78   |
|      |           |                           | <b>LIGHTING</b>   |      |          |         |                        |                 |                |               |                 |           |             |
|      |           |                           | <b>CONDUIT:</b>   |      |          |         |                        |                 |                |               |                 |           |             |
| 37   |           | For Wall Mounted LED Pack | 3/4" EMT Conduit With Pull String   | LF   | 611      | 10%     | 672                    | 0.062           | \$ 75.00       | \$ 4.65       | \$ 1.52         | \$ 6.17   | \$ 4,146.86 |
| 38   |           |                           | 1" EMT Conduit  | LF   | 253      | 10%     | 278                    | 0.070           | \$ 75.00       | \$ 5.25       | \$ 2.56         | \$ 7.81   | \$ 2,173.52 |
|      |           |                           | <b>CONDUCTOR:</b>   |      |          |         |                        |                 |                |               |                 |           |             |
| 39   |           |                           | #8 CU RW90 X-LINK   | LF   | 506      | 10%     | 557                    | 0.010           | \$ 75.00       | \$ 0.75       | \$ 1.65         | \$ 2.40   | \$ 1,335.84 |
| 40   |           |                           | #10 CU RW90 X-LINK  | LF   | 253      | 10%     | 278                    | 0.008           | \$ 75.00       | \$ 0.60       | \$ 1.45         | \$ 2.05   | \$ 570.52   |
|      |           |                           | <b>LIGHTING FIXTURES:</b>   |      |          |         |                        |                 | \$ 75.00       |               |                 |           |             |
| 41   |           |                           | 202: Linear Light LED, METALUX - 4CWPLD4040C, 4000K<br>Mounted: Ceiling Surface Mounted<br>Watt: 43 | EA   | 11       | 0%      | 11                     | 0.420           | \$ 75.00       | \$ 31.50      | \$ 82.67        | \$ 114.17 | \$ 1,255.87 |
|      |           |                           | <b>MISCELLANEOUS</b>  |      |          |         |                        |                 |                |               |                 |           |             |
| 42   |           |                           | Junction Box (For Wall Mounted LED Pack)  | EA   | 5        | 0%      | 5                      | 0.350           | \$ 75.00       | \$ 26.25      | \$ 65.00        | \$ 91.25  | \$ 456.25   |
| 43   |           |                           | Junction Box (For Signage)  | EA   | 2        | 0%      | 2                      | 0.350           | \$ 75.00       | \$ 26.25      | \$ 65.00        | \$ 91.25  | \$ 182.50   |
|      |           |                           |   |      |          |         |                        |                 |                |               | <b>SUBTOTAL</b> | \$        | 53,917      |

|                            |  |  |  |  |  |  |  |  |  |  |           |           |
|----------------------------|--|--|--|--|--|--|--|--|--|--|-----------|-----------|
| <b>PROJECTED COST</b>      |  |  |  |  |  |  |  |  |  |  | \$497,917 |           |
| <b>OVERHEAD AND PROFIT</b> |  |  |  |  |  |  |  |  |  |  | 15%       | \$74,688  |
| <b>INSURANCE</b>           |  |  |  |  |  |  |  |  |  |  | 3%        | \$14,938  |
| <b>CONTINGENCY</b>         |  |  |  |  |  |  |  |  |  |  | 5%        | \$24,896  |
| <b>TAX</b>                 |  |  |  |  |  |  |  |  |  |  | 7%        | \$2,967   |
| <b>SUGGESTED BID</b>       |  |  |  |  |  |  |  |  |  |  |           | \$615,405 |

- Note:**
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  - Online sources are used for pricing.
  - Prices can vary depending upon field conditions.