

## GENERAL SUMMARY

**Prepared for:** Forsgate Country Club, 375 Forsgate Drive Monroe TWP, NJ 08831  
**Project ID:** 7022026  
**Scope:** Electrical  
**No. Of Floors:** 2  
**Date:** 23-Sep-26

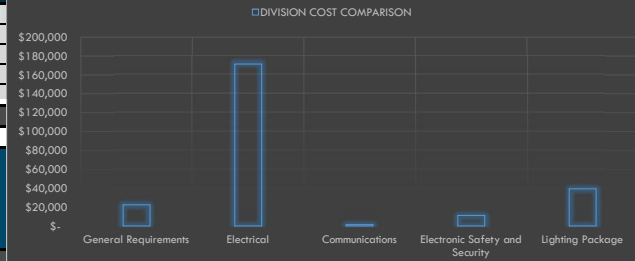


**BUILDING GSF** 11,883

| DIVISION NO             | DESCRIPTION                    | TOTAL DIV. COST   | TOTAL DIV. COST (PER SF) |
|-------------------------|--------------------------------|-------------------|--------------------------|
| 1000                    | General Requirements           | \$ 22,500         | \$ 1.89                  |
| 26000                   | Electrical                     | \$ 171,728        | \$ 14.45                 |
| 27000                   | Communications                 | \$ 1,349          | \$ 0.11                  |
| 28000                   | Electronic Safety and Security | \$ 10,990         | \$ 0.92                  |
|                         | Lighting Package               | \$ 39,319         | \$ 3.31                  |
| <b>TOTAL TRADE COST</b> |                                | <b>\$ 245,886</b> | <b>\$ 21</b>             |

|                            |            |                   |                |
|----------------------------|------------|-------------------|----------------|
| <b>OVERHEAD AND PROFIT</b> | <b>15%</b> | <b>\$ 36,883</b>  | <b>\$ 3.10</b> |
| <b>MATERIAL MARKUPS</b>    | <b>20%</b> | <b>\$ 32,669</b>  | <b>\$ 2.75</b> |
| <b>INSURANCE</b>           | <b>3%</b>  | <b>\$ 7,377</b>   | <b>\$ 0.62</b> |
| <b>CONTINGENCY</b>         | <b>5%</b>  | <b>\$ 12,294</b>  | <b>\$ 1.03</b> |
| <b>TAX</b>                 | <b>7%</b>  | <b>\$ 10,821</b>  | <b>\$ 0.91</b> |
| <b>SUGGESTED BID</b>       |            | <b>\$ 345,930</b> | <b>\$ 29</b>   |

### DIVISION COST COMPARISON



| DETAILED BREAKDOWN OF ITEMS                                                  |           |                    |                                                                 |      |          |         |                     |              |             |             |             |                 |              |
|------------------------------------------------------------------------------|-----------|--------------------|-----------------------------------------------------------------|------|----------|---------|---------------------|--------------|-------------|-------------|-------------|-----------------|--------------|
| Prepared for: Forsgate Country Club, 375 Forsgate Drive Monroe TWP, NJ 08831 |           |                    |                                                                 |      |          |         |                     |              |             |             |             |                 |              |
| Project ID: 7022026                                                          |           |                    |                                                                 |      |          |         |                     |              |             |             |             |                 |              |
| Scope: Electrical                                                            |           |                    |                                                                 |      |          |         |                     |              |             |             |             |                 |              |
|                                                                              |           |                    |                                                                 |      |          |         |                     |              |             |             |             | Date: 23-Sep-26 |              |
| SR #                                                                         | Drawing # | Detail #           | DESCRIPTION                                                     | UNIT | QUANTITY | WASTAGE | QUANTITY W/ WASTAGE | UNIT MANHOUR | HOURLY WAGE | LABOR COST  | MAT. COST   | UNIT COST       | SUB COST     |
| GENERAL REQUIREMENTS                                                         |           |                    |                                                                 |      |          |         |                     |              |             |             |             |                 |              |
| 1                                                                            |           |                    | Permits                                                         | LS   | 1        | 0%      | 1                   | 0.000        | \$ -        | \$ -        | \$ -        | \$ -            | \$ -         |
| 2                                                                            |           |                    | Supervision and Coordination                                    | LS   | 1        | 0%      | 1                   | 0.000        | \$ -        | \$ -        | \$ -        | \$ 8,500.00     | \$ 8,500.00  |
| 3                                                                            |           |                    | Submittals and Shop drawings                                    | LS   | 1        | 0%      | 1                   | 0.000        | \$ -        | \$ -        | \$ -        | \$ -            | \$ -         |
| 4                                                                            |           |                    | Final Cleaning                                                  | LS   | 1        | 0%      | 1                   | 0.000        | \$ -        | \$ -        | \$ -        | \$ 1,500.00     | \$ 1,500.00  |
| 5                                                                            |           |                    | Mobilization Costs                                              | LS   | 1        | 0%      | 1                   | 0.000        | \$ -        | \$ -        | \$ -        | \$ 6,500.00     | \$ 6,500.00  |
| 6                                                                            |           |                    | Temporary Control & Facilities                                  | LS   | 1        | 0%      | 1                   | 0.000        | \$ -        | \$ -        | \$ -        | \$ 3,500.00     | \$ 3,500.00  |
| 7                                                                            |           |                    | Testing & Commissioning                                         | LS   | 1        | 0%      | 1                   | 0.000        | \$ -        | \$ -        | \$ -        | \$ 2,500.00     | \$ 2,500.00  |
|                                                                              |           |                    |                                                                 |      |          |         |                     |              |             |             |             | SUBTOTAL        | \$ 22.500    |
| ELECTRICAL                                                                   |           |                    |                                                                 |      |          |         |                     |              |             |             |             |                 |              |
| DISTRIBUTION                                                                 |           |                    |                                                                 |      |          |         |                     |              |             |             |             |                 |              |
| CONDUIT                                                                      |           |                    |                                                                 |      |          |         |                     |              |             |             |             |                 |              |
| 8                                                                            |           |                    | 3/4" EMT Conduit                                                | LF   | 157      | 10%     | 173                 | 0.062        | \$ 45.00    | \$ 2.79     | \$ 1.76     | \$ 4.55         | \$ 786.46    |
| 9                                                                            |           |                    | 1" EMT Conduit                                                  | LF   | 80       | 10%     | 88                  | 0.070        | \$ 45.00    | \$ 3.15     | \$ 2.67     | \$ 5.82         | \$ 512.59    |
| 10                                                                           |           |                    | 1-1/2" EMT Conduit                                              | LF   | 14       | 10%     | 15                  | 0.089        | \$ 45.00    | \$ 4.01     | \$ 5.29     | \$ 9.29         | \$ 141.56    |
| 11                                                                           |           |                    | 2" EMT Conduit                                                  | LF   | 515      | 10%     | 567                 | 0.100        | \$ 45.00    | \$ 4.50     | \$ 6.22     | \$ 10.72        | \$ 6,074.27  |
| 12                                                                           |           |                    | 2-1/2" EMT Conduit                                              | LF   | 73       | 10%     | 81                  | 0.133        | \$ 45.00    | \$ 5.99     | \$ 9.42     | \$ 15.40        | \$ 1,240.24  |
| 13                                                                           |           |                    | 3-1/2" EMT Conduit                                              | LF   | 72       | 10%     | 79                  | 0.178        | \$ 45.00    | \$ 8.01     | \$ 15.74    | \$ 23.75        | \$ 1,875.04  |
| CONDUCTOR                                                                    |           |                    |                                                                 |      |          |         |                     |              |             |             |             |                 |              |
| 14                                                                           |           |                    | #10 CU THHN/THWN                                                | LF   | 709      | 10%     | 780                 | 0.008        | \$ 45.00    | \$ 0.36     | \$ 0.38     | \$ 0.74         | \$ 577.13    |
| 15                                                                           |           |                    | #6 AL THHN/THWN                                                 | LF   | 14       | 10%     | 15                  | 0.005        | \$ 45.00    | \$ 0.23     | \$ 0.43     | \$ 0.66         | \$ 9.98      |
| 16                                                                           |           |                    | #6 CU THHN/THWN                                                 | LF   | 160      | 10%     | 176                 | 0.010        | \$ 45.00    | \$ 0.45     | \$ 0.86     | \$ 1.31         | \$ 230.56    |
| 17                                                                           |           |                    | #4 AL THHN/THWN                                                 | LF   | 588      | 10%     | 647                 | 0.006        | \$ 45.00    | \$ 0.25     | \$ 0.66     | \$ 0.91         | \$ 587.28    |
| 18                                                                           |           |                    | #1/0 AL THHN/THWN                                               | LF   | 42       | 10%     | 46                  | 0.008        | \$ 45.00    | \$ 0.34     | \$ 1.39     | \$ 1.72         | \$ 78.73     |
| 19                                                                           |           |                    | #2/0 AL THHN/THWN                                               | LF   | 976      | 10%     | 1074                | 0.008        | \$ 45.00    | \$ 0.36     | \$ 1.70     | \$ 2.06         | \$ 2,212.07  |
| 20                                                                           |           |                    | #3/0 AL THHN/THWN                                               | LF   | 1156     | 10%     | 1272                | 0.009        | \$ 45.00    | \$ 0.38     | \$ 2.16     | \$ 2.54         | \$ 3,226.57  |
| 21                                                                           |           |                    | #250KCMIL AL THHN/THWN                                          | LF   | 293      | 10%     | 322                 | 0.013        | \$ 45.00    | \$ 0.56     | \$ 3.11     | \$ 3.67         | \$ 1,183.00  |
| 22                                                                           |           |                    | #500KCMIL AL THHN/THWN                                          | LF   | 287      | 10%     | 316                 | 0.018        | \$ 45.00    | \$ 0.79     | \$ 6.29     | \$ 7.07         | \$ 2,233.10  |
| LUGS                                                                         |           |                    |                                                                 |      |          |         |                     |              |             |             |             |                 |              |
| 23                                                                           |           |                    | Compression Lug CU With 1-Hole , #6 CU Wire                     | EA   | 4        | 0%      | 4                   | 0.120        | \$ 45.00    | \$ 5.40     | \$ 3.55     | \$ 8.95         | \$ 35.80     |
| 24                                                                           |           |                    | Heat Shrink Tubing for #6 CU Wire                               | EA   | 4        | 0%      | 4                   | 0.060        | \$ 45.00    | \$ 2.70     | \$ 0.60     | \$ 3.30         | \$ 13.20     |
| 25                                                                           |           |                    | Compression Lug AL With 1-Hole , #6 AL Wire                     | EA   | 2        | 0%      | 2                   | 0.030        | \$ 45.00    | \$ 1.35     | \$ 1.78     | \$ 3.13         | \$ 6.25      |
| 26                                                                           |           |                    | Heat Shrink Tubing for #6 AL Wire                               | EA   | 2        | 0%      | 2                   | 0.015        | \$ 45.00    | \$ 0.68     | \$ 0.30     | \$ 0.98         | \$ 1.95      |
| 27                                                                           |           |                    | Compression Lug AL With 1-Hole , #4 AL Wire                     | EA   | 12       | 0%      | 12                  | 0.038        | \$ 45.00    | \$ 1.69     | \$ 2.28     | \$ 3.96         | \$ 47.55     |
| 28                                                                           |           |                    | Heat Shrink Tubing for #4 AL Wire                               | EA   | 12       | 0%      | 12                  | 0.018        | \$ 45.00    | \$ 0.79     | \$ 0.38     | \$ 1.16         | \$ 13.95     |
| 29                                                                           |           |                    | Compression Lug AL With 1-Hole , #1/0 AL Wire                   | EA   | 6        | 0%      | 6                   | 0.060        | \$ 45.00    | \$ 2.70     | \$ 4.78     | \$ 7.48         | \$ 44.88     |
| 30                                                                           |           |                    | Heat Shrink Tubing for #1/0 AL Wire                             | EA   | 6        | 0%      | 6                   | 0.030        | \$ 45.00    | \$ 1.35     | \$ 0.60     | \$ 1.95         | \$ 11.70     |
| 31                                                                           |           |                    | Compression Lug AL With 1-Hole , #2/0 AL Wire                   | EA   | 24       | 0%      | 24                  | 0.068        | \$ 45.00    | \$ 3.04     | \$ 5.84     | \$ 8.88         | \$ 213.06    |
| 32                                                                           |           |                    | Heat Shrink Tubing for #2/0 AL Wire                             | EA   | 24       | 0%      | 24                  | 0.035        | \$ 45.00    | \$ 1.58     | \$ 0.75     | \$ 2.33         | \$ 55.80     |
| 33                                                                           |           |                    | Compression Lug AL With 1-Hole , #3/0 AL Wire                   | EA   | 24       | 0%      | 24                  | 0.075        | \$ 45.00    | \$ 3.38     | \$ 7.18     | \$ 10.55        | \$ 253.20    |
| 34                                                                           |           |                    | Heat Shrink Tubing for #3/0 AL Wire                             | EA   | 24       | 0%      | 24                  | 0.040        | \$ 45.00    | \$ 1.80     | \$ 0.88     | \$ 2.68         | \$ 64.20     |
| 35                                                                           |           |                    | Compression Lug AL With 1-Hole , #250 KCMIL AL Wire             | EA   | 8        | 0%      | 8                   | 0.094        | \$ 45.00    | \$ 4.22     | \$ 11.75    | \$ 15.97        | \$ 127.75    |
| 36                                                                           |           |                    | Heat Shrink Tubing for #250 KCMIL AL Wire                       | EA   | 8        | 0%      | 8                   | 0.050        | \$ 45.00    | \$ 2.25     | \$ 1.28     | \$ 3.53         | \$ 28.20     |
| 37                                                                           |           |                    | Compression Lug AL With 1-Hole , #500 KCMIL AL Wire             | EA   | 24       | 0%      | 24                  | 0.143        | \$ 45.00    | \$ 6.41     | \$ 22.78    | \$ 29.19        | \$ 700.50    |
| 38                                                                           |           |                    | Heat Shrink Tubing for #500 KCMIL AL Wire                       | EA   | 24       | 0%      | 24                  | 0.080        | \$ 45.00    | \$ 3.60     | \$ 2.01     | \$ 5.61         | \$ 134.52    |
| CIRCUIT BREAKER                                                              |           |                    |                                                                 |      |          |         | 0                   |              |             |             |             |                 |              |
| 39                                                                           |           |                    | 1P/20A Breaker                                                  | EA   | 115      | 0%      | 115                 | 0.420        | \$ 45.00    | \$ 18.90    | \$ 33.00    | \$ 51.90        | \$ 5,968.50  |
| 40                                                                           |           |                    | 2P/20A Breaker                                                  | EA   | 9        | 0%      | 9                   | 0.450        | \$ 45.00    | \$ 20.25    | \$ 43.18    | \$ 63.43        | \$ 570.87    |
| 41                                                                           |           |                    | 2P/40A Breaker                                                  | EA   | 4        | 0%      | 4                   | 0.500        | \$ 45.00    | \$ 22.50    | \$ 67.91    | \$ 90.41        | \$ 361.64    |
| 42                                                                           |           |                    | 3P/100A Breaker                                                 | EA   | 1        | 0%      | 1                   | 0.980        | \$ 45.00    | \$ 44.10    | \$ 320.00   | \$ 364.10       | \$ 364.10    |
| 43                                                                           |           |                    | 3P/100A MCB                                                     | EA   | 1        | 0%      | 1                   | 0.980        | \$ 45.00    | \$ 44.10    | \$ 580.00   | \$ 624.10       | \$ 624.10    |
| 44                                                                           |           |                    | 3P/125A Breaker                                                 | EA   | 2        | 0%      | 2                   | 1.100        | \$ 45.00    | \$ 49.50    | \$ 358.68   | \$ 408.18       | \$ 816.36    |
| 45                                                                           |           |                    | 3P/125A MCB                                                     | EA   | 2        | 0%      | 2                   | 1.100        | \$ 45.00    | \$ 49.50    | \$ 605.00   | \$ 654.50       | \$ 1,309.00  |
| 46                                                                           |           |                    | 3P/150A Breaker                                                 | EA   | 1        | 0%      | 1                   | 1.400        | \$ 45.00    | \$ 63.00    | \$ 534.00   | \$ 597.00       | \$ 597.00    |
| 47                                                                           |           |                    | 3P/15A Breaker                                                  | EA   | 7        | 0%      | 7                   | 0.510        | \$ 45.00    | \$ 22.95    | \$ 52.00    | \$ 74.95        | \$ 524.65    |
| 48                                                                           |           |                    | 3P/200A Breaker                                                 | EA   | 1        | 0%      | 1                   | 1.720        | \$ 45.00    | \$ 77.40    | \$ 650.00   | \$ 727.40       | \$ 727.40    |
| 49                                                                           |           |                    | 3P/200A MCB                                                     | EA   | 1        | 0%      | 1                   | 1.720        | \$ 45.00    | \$ 77.40    | \$ 899.00   | \$ 976.40       | \$ 976.40    |
| 50                                                                           |           |                    | 3P/20A Breaker                                                  | EA   | 5        | 0%      | 5                   | 0.510        | \$ 45.00    | \$ 22.95    | \$ 58.00    | \$ 80.95        | \$ 404.75    |
| 51                                                                           |           |                    | 3P/600A MCB                                                     | EA   | 1        | 0%      | 1                   | 3.590        | \$ 45.00    | \$ 161.55   | \$ 4,800.00 | \$ 4,961.55     | \$ 4,961.55  |
| PANEL                                                                        |           |                    |                                                                 |      |          |         |                     |              |             |             |             |                 |              |
| 52                                                                           |           |                    | Panel PP-1A: 100A, 120/208V, 3Ph, 4W, Mains: MCB, 42KAIC, 42 P  | EA   | 1        | 0%      | 1                   | 3.250        | \$ 45.00    | \$ 146.25   | \$ 1,125.00 | \$ 1,271.25     | \$ 1,271.25  |
| 53                                                                           |           |                    | Panel PP-1B: 200A, 120/208V, 3Ph, 4W, Mains: MCB, 42KAIC, 54 P  | EA   | 1        | 0%      | 1                   | 8.650        | \$ 45.00    | \$ 389.25   | \$ 2,120.61 | \$ 2,509.86     | \$ 2,509.86  |
| 54                                                                           |           |                    | Panel PP-1C: 125A, 120/208V, 3Ph, 4W, Mains: MCB, 42KAIC, 42 P  | EA   | 1        | 0%      | 1                   | 4.210        | \$ 45.00    | \$ 189.45   | \$ 1,222.50 | \$ 1,411.95     | \$ 1,411.95  |
| 55                                                                           |           |                    | Panel PP-1D: 125A, 120/208V, 3Ph, 4W, Mains: MCB, 42KAIC, 42 P  | EA   | 1        | 0%      | 1                   | 4.210        | \$ 45.00    | \$ 189.45   | \$ 1,222.50 | \$ 1,411.95     | \$ 1,411.95  |
| 55                                                                           |           |                    | Panel PP-DP: 600A, 120/208V, 3Ph, 4W, Mains: MCB, 42KAIC, 84 P  | EA   | 1        | 0%      | 1                   | 15.500       | \$ 45.00    | \$ 697.50   | \$ 9,434.60 | \$ 10,132.10    | \$ 10,132.10 |
|                                                                              |           |                    | Surge Protection Device                                         | EA   | 1        | 0%      | 1                   | 2.120        | \$ 45.00    | \$ 95.40    | \$ 1,063.24 | \$ 1,158.64     | \$ 1,158.64  |
| 56                                                                           |           | Verify If Required | PP-EUH: 100A, 480V/277V, 6 Pole Load Center                     | EA   | 1        | 0%      | 1                   | 3.550        | \$ 45.00    | \$ 159.75   | \$ 1,157.94 | \$ 1,317.69     | \$ 1,317.69  |
| DEVICES                                                                      |           |                    |                                                                 |      |          |         |                     |              |             |             |             |                 |              |
| 57                                                                           |           |                    | 30KVA Step-Up Transformer, 3-Phase, 208V Delta To 480VY         | EA   | 1        | 0%      | 1                   | 22.500       | \$ 45.00    | \$ 1,012.50 | \$ 5,129.37 | \$ 6,141.87     | \$ 6,141.87  |
| 58                                                                           |           |                    | 3P/800A Service Rated Fire Protection Controller Service Switch | EA   | 1        | 0%      | 1                   | 25.500       | \$ 45.00    | \$ 1,147.50 | \$ 9,309.86 | \$ 10,457.36    | \$ 10,457.36 |
| 59                                                                           |           |                    | 600A CT Cabinet, NEMA-3R                                        | EA   | 1        | 0%      | 1                   | 3.890        | \$ 45.00    | \$ 175.05   | \$ 1,999.95 | \$ 2,175.00     | \$ 2,175.00  |
| 60                                                                           |           |                    | 600A Electrical Meter, NEMA 3R                                  | EA   | 1        | 0%      | 1                   | 3.250        | \$ 45.00    | \$ 146.25   | \$ 1,353.90 | \$ 1,500.15     | \$ 1,500.15  |
| DISCONNECT SWITCH                                                            |           |                    |                                                                 |      |          |         |                     |              |             |             |             |                 |              |
| 61                                                                           |           |                    | 2P/30A/25AF Disconnect Switch, NEMA-1                           | EA   | 2        | 0%      | 2                   | 0.935        | \$ 45.00    | \$ 42.09    | \$ 115.25   | \$ 157.34       | \$ 314.68    |
| 62                                                                           |           |                    | 2P/60AS/50AF Disconnect Switch, NEMA-3R                         | EA   | 1        | 0%      | 1                   | 1.536        | \$ 45.00    | \$ 69.14    | \$ 301.11   | \$ 370.25       | \$ 370.25    |
| 63                                                                           |           |                    | 3P/30A Disconnect Switch, NEMA-1                                | EA   | 8        | 0%      | 8                   | 0.973        | \$ 45.00    | \$ 43.77    | \$ 140.16   | \$ 183.93       | \$ 1,471.44  |
| 64                                                                           |           |                    | 3P/30AS/15AF Disconnect Switch, NEMA-1                          | EA   | 2        | 0%      | 2                   | 1.050        | \$ 45.00    | \$ 47.25    | \$ 152.50   | \$ 199.75       | \$ 399.50    |
| 65                                                                           |           |                    | 3P/30AS/25AF Fused Disconnect Switch                            | EA   | 1        | 0%      | 1                   | 1.100        | \$ 45.00    | \$ 49.50    | \$ 158.99   | \$ 208.49       | \$ 208.49    |
| 66                                                                           |           |                    | 3P/200A Disconnect Switch, NEMA-1                               | EA   | 1        | 0%      | 1                   | 3.985        | \$ 45.00    | \$ 179.31   | \$ 1,099.99 | \$ 1,279.30     | \$ 1,279.30  |
| 67                                                                           |           |                    | 3P/600A Service Disconnect Switch, NEMA-3R                      | EA   | 1        | 0%      | 1                   | 10.250       | \$ 45.00    | \$ 461.25   | \$ 5,440.94 | \$ 5,902.19     | \$ 5,902.19  |
| GROUNDING                                                                    |           |                    |                                                                 |      |          |         |                     |              |             |             |             |                 |              |
| 68                                                                           |           |                    | #6 CU Grounding Conductor                                       | LF   | 15       | 10%     | 17                  | 0.035        | \$ 45.00    | \$ 1.58     | \$ 1.66     | \$ 3.24         | \$ 53.38     |
| 69                                                                           |           |                    | 1/4"x4" Wide Main Grounding Busbar                              | EA   | 1        | 0%      | 1                   | 1.250        | \$ 45.00    | \$ 56.25    | \$ 289.22   | \$ 345.47       | \$ 345.47    |
| 70                                                                           |           |                    | 3/8"x10" CU Grounding Rod                                       | EA   | 2        | 0%      | 2                   | 0.480        | \$ 45.00    | \$ 21.60    | \$ 52.50    | \$ 74.10        | \$ 148.20    |
| 71                                                                           |           |                    | 3/8"x8" CU Grounding Rod                                        | EA   | 1        | 0%      | 1                   | 0.384        | \$ 45.00    | \$ 17.28    | \$ 42.00    | \$ 59.28        | \$ 59.28     |
| 72                                                                           |           |                    | Bonding Jumper                                                  | EA   | 20       | 0%      | 20                  | 0.350        | \$ 45.00    | \$ 15.75    | \$ 62.75    | \$ 78.50        | \$ 1,570.00  |
| 73                                                                           |           |                    | Equipment Grounding Conductor                                   | LF   | 30       | 10%     | 33                  | 0.020        | \$ 45.00    | \$ 0.90     | \$ 0.49     | \$ 1.39         | \$ 45.87     |
| 74                                                                           |           |                    | Ground Busbar                                                   | EA   | 3        | 0%      | 3                   | 1.050        | \$ 45.00    | \$ 47.25    | \$ 194.77   | \$ 242.02       | \$ 726.06    |
| 75                                                                           |           |                    | Grounding Electrode Conductor                                   | LF   | 30       | 10%     | 33                  | 0.045        | \$ 45.00    | \$ 2.03     | \$ 1.89     | \$ 3.92         | \$ 129.20    |
| 76                                                                           |           |                    | Grounding Neutral Conductor                                     | LF   | 30       | 10%     | 33                  | 0.065        | \$ 45.00    | \$ 2.93     | \$ 4.40     | \$ 7.33         | \$ 241.73    |
| 77                                                                           |           |                    | Neutral Busbar                                                  | EA   | 2        | 0%      | 2                   | 0.890        | \$ 45.00    | \$ 40.05    | \$ 50.98    | \$ 91.03        | \$ 182.06    |
| 78                                                                           |           |                    | Neutral Disconnect Link                                         | EA   | 1        | 0%      | 1                   | 1.220        | \$ 45.00    | \$ 54.90    | \$ 118.61   | \$ 173.51       | \$ 173.51    |
| POWER                                                                        |           |                    |                                                                 |      |          |         |                     |              |             |             |             |                 |              |
| CONDUIT                                                                      |           |                    |                                                                 |      |          |         |                     |              |             |             |             |                 |              |
| 79                                                                           |           |                    | 3/4" RGS Conduit                                                | LF   | 25       | 10%     | 28                  | 0.100        | \$ 45.00    | \$ 4.50     | \$ 4.50     | \$ 9.00         | \$ 247.50    |
| CONDUCTOR                                                                    |           |                    |                                                                 |      |          |         |                     |              |             |             |             |                 |              |

**DETAILED BREAKDOWN OF ITEMS**

Prepared for: Forsgate Country Club, 375 Forsgate Drive Monroe TWP, NJ 08831  
 Project ID: 7022026  
 Scope: Electrical



Date: 23-Sep-26

| SR #            | Drawing # | Detail # | DESCRIPTION                                                                                    | UNIT | QUANTITY | WASTAGE | QUANTITY W/<br>WASTAGE | UNIT<br>MANHOUR | HOURLY<br>WAGE | LABOR COST | MAT. COST | UNIT COST | SUB COST          |
|-----------------|-----------|----------|------------------------------------------------------------------------------------------------|------|----------|---------|------------------------|-----------------|----------------|------------|-----------|-----------|-------------------|
| 80              |           |          | 3#12 MC Cable                                                                                  | LF   | 6416     | 10%     | 7058                   | 0.025           | \$ 45.00       | \$ 1.13    | \$ 1.32   | \$ 2.44   | \$ 17,227.60      |
| 81              |           |          | 4#12 MC Cable                                                                                  | LF   | 121      | 10%     | 133                    | 0.052           | \$ 45.00       | \$ 2.34    | \$ 2.93   | \$ 5.27   | \$ 701.44         |
| 82              |           |          | 3#10 MC Cable                                                                                  | LF   | 1772     | 10%     | 1949                   | 0.055           | \$ 45.00       | \$ 2.48    | \$ 2.60   | \$ 5.07   | \$ 9,888.68       |
| 83              |           |          | 2#8 #10 MC Cable                                                                               | LF   | 198      | 10%     | 218                    | 0.078           | \$ 45.00       | \$ 3.51    | \$ 4.96   | \$ 8.47   | \$ 1,844.77       |
|                 |           |          | <b>DEVICE</b>                                                                                  |      |          |         |                        |                 |                |            |           |           |                   |
| 84              |           |          | 20A Thermal Disconnect Switch                                                                  | EA   | 4        | 0%      | 4                      | 1.260           | \$ 45.00       | \$ 56.70   | \$ 126.84 | \$ 183.54 | \$ 734.16         |
| 85              |           |          | 20A Thermal Disconnect Switch, WP                                                              | EA   | 5        | 0%      | 5                      | 1.260           | \$ 45.00       | \$ 56.70   | \$ 145.58 | \$ 202.28 | \$ 1,011.40       |
| 86              |           |          | 40A, 230V Simplex Receptacle With Plug                                                         | EA   | 3        | 0%      | 3                      | 0.550           | \$ 45.00       | \$ 24.75   | \$ 62.50  | \$ 87.25  | \$ 261.75         |
| 87              |           |          | 220V Simplex Receptacle                                                                        | EA   | 2        | 0%      | 2                      | 0.350           | \$ 45.00       | \$ 15.75   | \$ 19.50  | \$ 35.25  | \$ 70.50          |
| 88              |           |          | Duplex Receptacle, Commercial Specification Grade                                              | EA   | 117      | 0%      | 117                    | 0.400           | \$ 45.00       | \$ 18.00   | \$ 25.50  | \$ 43.50  | \$ 5,089.50       |
| 89              |           |          | Duplex Receptacle, Commercial Specification Grade With Plug, Ceiling                           | EA   | 2        | 0%      | 2                      | 0.520           | \$ 45.00       | \$ 23.40   | \$ 32.50  | \$ 55.90  | \$ 111.80         |
| 90              |           |          | Duplex Receptacle, Commercial Specification Grade, Ceiling Mounted                             | EA   | 12       | 0%      | 12                     | 0.450           | \$ 45.00       | \$ 20.25   | \$ 25.50  | \$ 45.75  | \$ 549.00         |
| 91              |           |          | Duplex Receptacle, Commercial Specification Grade, Slash                                       | EA   | 4        | 0%      | 4                      | 0.450           | \$ 45.00       | \$ 20.25   | \$ 25.50  | \$ 45.75  | \$ 183.00         |
| 92              |           |          | Quadruplex Receptacle, Commercial Specification Grade                                          | EA   | 4        | 0%      | 4                      | 0.580           | \$ 45.00       | \$ 26.10   | \$ 66.00  | \$ 92.10  | \$ 368.40         |
| 93              |           |          | Fire Pump Controller Connection                                                                | EA   | 1        | 0%      | 1                      | 2.250           | \$ 45.00       | \$ 101.25  | \$ 150.00 | \$ 251.25 | \$ 251.25         |
| 94              |           |          | Jockey Pump Controller Connections                                                             | EA   | 1        | 0%      | 1                      | 1.050           | \$ 45.00       | \$ 47.25   | \$ 72.50  | \$ 119.75 | \$ 119.75         |
|                 |           |          | <b>LIGHTING</b>                                                                                |      |          |         |                        |                 |                |            |           |           |                   |
|                 |           |          | <b>CONDUCTOR</b>                                                                               |      |          |         |                        |                 |                |            |           |           |                   |
| 95              |           |          | 3#12 MC Cable                                                                                  | LF   | 121      | 10%     | 133                    | 0.025           | \$ 45.00       | \$ 1.13    | \$ 1.32   | \$ 2.44   | \$ 325.57         |
| 96              |           |          | 3#10 MC Cable                                                                                  | LF   | 2873     | 10%     | 3160                   | 0.055           | \$ 45.00       | \$ 2.48    | \$ 2.60   | \$ 5.07   | \$ 16,030.66      |
|                 |           |          | <b>LIGHTING FIXTURES</b>                                                                       |      |          |         |                        |                 |                |            |           |           |                   |
| 97              |           |          | Exit Sign                                                                                      | EA   | 1        | 0%      | 1                      | 0.550           | \$ 45.00       | \$ 24.75   | \$ -      | \$ 24.75  | \$ 24.75          |
| 98              |           |          | L1-4' Linear Lighting Fixture, LITHONIA LIGHTING SBL4LP840C                                    | EA   | 132      | 0%      | 132                    | 1.020           | \$ 45.00       | \$ 45.90   | \$ -      | \$ 45.90  | \$ 6,058.80       |
| 99              |           |          | L2-2X2 Lighting Fixture, LITHONIA LIGHTING 2BLT2-2X2 BLTM                                      | EA   | 20       | 0%      | 20                     | 1.050           | \$ 45.00       | \$ 47.25   | \$ -      | \$ 47.25  | \$ 945.00         |
| 100             |           |          | L2-EM: 2X2 Lighting Fixture With EM Battery, LITHONIA LIGHTING                                 | EA   | 22       | 0%      | 22                     | 1.250           | \$ 45.00       | \$ 56.25   | \$ -      | \$ 56.25  | \$ 1,237.50       |
| 101             |           |          | L3- Exterior Lighting FixtureMounting: SurfaceWatts: 10.5 W                                    | EA   | 20       | 0%      | 20                     | 0.750           | \$ 45.00       | \$ 33.75   | \$ -      | \$ 33.75  | \$ 675.00         |
| 102             |           |          | L4- Exterior Emergency Lighting Fixture, LITHONIA LIGHTING W                                   | EA   | 11       | 0%      | 11                     | 1.850           | \$ 45.00       | \$ 83.25   | \$ -      | \$ 83.25  | \$ 915.75         |
| 103             |           |          | L5- Battery Pack Emergency Light Fixtures, LITHONIA LIGHTING F                                 | EA   | 57       | 0%      | 57                     | 0.450           | \$ 45.00       | \$ 20.25   | \$ -      | \$ 20.25  | \$ 1,154.25       |
| 104             |           |          | L-6: Illuminated Exit Sign With Emergency Light, LITHONIA LIGHT                                | EA   | 13       | 0%      | 13                     | 0.680           | \$ 45.00       | \$ 30.60   | \$ -      | \$ 30.60  | \$ 397.80         |
|                 |           |          | <b>LIGHTING CONTROL</b>                                                                        |      |          |         |                        |                 |                |            |           |           |                   |
| 105             |           |          | 3-Way Light Switch                                                                             | EA   | 30       | 0%      | 30                     | 0.350           | \$ 45.00       | \$ 15.75   | \$ 24.98  | \$ 40.73  | \$ 1,221.90       |
| 106             |           |          | Occupancy Sensor Switch                                                                        | EA   | 7        | 0%      | 7                      | 0.550           | \$ 45.00       | \$ 24.75   | \$ 54.95  | \$ 79.70  | \$ 537.90         |
| 107             |           |          | Occupancy Sensor, WATTSTOPPER #DT-355                                                          | EA   | 34       | 0%      | 34                     | 0.820           | \$ 45.00       | \$ 36.90   | \$ 208.57 | \$ 245.47 | \$ 8,345.98       |
| 108             |           |          | Single Pole Light Switch                                                                       | EA   | 3        | 0%      | 3                      | 0.250           | \$ 45.00       | \$ 11.25   | \$ 12.50  | \$ 23.75  | \$ 71.25          |
|                 |           |          | <b>MISCELLANEOUS</b>                                                                           |      |          |         |                        |                 |                |            |           |           |                   |
| 109             |           |          | Junction Box                                                                                   | EA   | 11       | 0%      | 11                     | 0.550           | \$ 45.00       | \$ 24.75   | \$ 19.50  | \$ 44.25  | \$ 486.75         |
|                 |           |          | <b>TRENCHING &amp; BACKFILLING</b>                                                             |      |          |         |                        |                 |                |            |           |           |                   |
| 110             |           |          | Excavation & Backfilling (2' Deep x 1' Wide Trench) Including All Labor and Material/Equipment | CFT  | 180      | 0%      | 180                    | 0.072           | \$ 45.00       | \$ 3.24    | \$ -      | \$ 3.24   | \$ 583.20         |
| <b>SUBTOTAL</b> |           |          |                                                                                                |      |          |         |                        |                 |                |            |           |           | <b>\$ 171,728</b> |

**COMMUNICATION**

|                 |  |  |                                |    |     |     |     |       |          |          |          |          |                 |
|-----------------|--|--|--------------------------------|----|-----|-----|-----|-------|----------|----------|----------|----------|-----------------|
|                 |  |  | <b>TELECOMMUNICATION</b>       |    |     |     |     |       |          |          |          |          |                 |
|                 |  |  | <b>CONDUIT</b>                 |    |     |     |     |       |          |          |          |          |                 |
| 111             |  |  | 3/4" EMT Conduit Up to Ceiling | LF | 75  | 10% | 83  | 0.062 | \$ 45.00 | \$ 2.79  | \$ 1.76  | \$ 4.55  | \$ 375.38       |
|                 |  |  | <b>CONDUCTOR</b>               |    |     |     |     |       |          |          |          |          |                 |
| 112             |  |  | CAT6 Cable                     | LF | 445 | 10% | 490 | 0.020 | \$ 45.00 | \$ 0.90  | \$ 0.25  | \$ 1.15  | \$ 562.93       |
|                 |  |  | <b>J-Hook</b>                  |    |     |     |     |       |          |          |          |          |                 |
| 113             |  |  | 2" J-Hook                      | EA | 11  | 0%  | 11  | 0.100 | \$ 45.00 | \$ 4.50  | \$ 1.30  | \$ 5.80  | \$ 63.80        |
|                 |  |  | <b>DEVICES</b>                 |    |     |     |     |       |          |          |          |          |                 |
| 114             |  |  | Voice/Data Outlet              | EA | 5   | 0%  | 5   | 0.300 | \$ 45.00 | \$ 13.50 | \$ 12.50 | \$ 26.00 | \$ 130.00       |
|                 |  |  | RJ-45 Jack                     | EA | 10  | 0%  | 10  | 0.055 | \$ 45.00 | \$ 2.48  | \$ 0.95  | \$ 3.43  | \$ 34.25        |
|                 |  |  | Backbox                        | EA | 5   | 0%  | 5   | 0.250 | \$ 45.00 | \$ 11.25 | \$ 8.99  | \$ 20.24 | \$ 101.20       |
|                 |  |  | Faceplate                      | EA | 5   | 0%  | 5   | 0.200 | \$ 45.00 | \$ 9.00  | \$ 7.25  | \$ 16.25 | \$ 81.25        |
| <b>SUBTOTAL</b> |  |  |                                |    |     |     |     |       |          |          |          |          | <b>\$ 1,349</b> |

**ELECTRONUC SAFETY AND SECURITY**

|                 |  |  |                                |    |     |     |     |        |          |           |             |             |                  |
|-----------------|--|--|--------------------------------|----|-----|-----|-----|--------|----------|-----------|-------------|-------------|------------------|
|                 |  |  | <b>FIRE ALARM</b>              |    |     |     |     |        |          |           |             |             |                  |
|                 |  |  | <b>CONDUCTOR</b>               |    |     |     |     |        |          |           |             |             |                  |
| 115             |  |  | 2#16 Plenum Rated Cable        | LF | 563 | 10% | 619 | 0.015  | \$ 45.00 | \$ 0.68   | \$ 0.58     | \$ 1.26     | \$ 777.22        |
| 116             |  |  | 2#14 Plenum Rated Cable        | LF | 604 | 10% | 664 | 0.025  | \$ 45.00 | \$ 1.13   | \$ 0.78     | \$ 1.91     | \$ 1,265.68      |
|                 |  |  | <b>DEVICES</b>                 |    |     |     |     |        |          |           |             |             |                  |
| 117             |  |  | Fire Alarm Control Panel       | EA | 1   | 0%  | 1   | 10.500 | \$ 45.00 | \$ 472.50 | \$ 3,579.00 | \$ 4,051.50 | \$ 4,051.50      |
| 118             |  |  | Fire Alarm Manual Pull Station | EA | 8   | 0%  | 8   | 0.850  | \$ 45.00 | \$ 38.25  | \$ 123.99   | \$ 162.24   | \$ 1,297.92      |
| 119             |  |  | Fire Alarm Notification Device | EA | 16  | 0%  | 16  | 0.890  | \$ 45.00 | \$ 40.05  | \$ 145.50   | \$ 185.55   | \$ 2,968.80      |
| 120             |  |  | Heat Detector                  | EA | 2   | 0%  | 2   | 0.780  | \$ 45.00 | \$ 35.10  | \$ 103.00   | \$ 138.10   | \$ 276.20        |
| 121             |  |  | Smoke Detector                 | EA | 3   | 0%  | 3   | 0.750  | \$ 45.00 | \$ 33.75  | \$ 83.76    | \$ 117.51   | \$ 352.53        |
| <b>SUBTOTAL</b> |  |  |                                |    |     |     |     |        |          |           |             |             | <b>\$ 10,990</b> |

**PROJECTED COST**

|                            |  |       |                  |
|----------------------------|--|-------|------------------|
| <b>OVERHEAD AND PROFIT</b> |  | 15%   | \$30,985         |
| <b>MATERIAL MARKUPS</b>    |  | 20%   | \$24,805         |
| <b>INSURANCE</b>           |  | 3%    | \$6,197          |
| <b>CONTINGENCY</b>         |  | 5%    | \$10,328         |
| <b>TAX</b>                 |  | 6.63% | \$8,217          |
| <b>SUGGESTED BID</b>       |  |       | <b>\$287,099</b> |

| DETAILED BREAKDOWN OF ITEMS                                                  |               |                       |                                                                  |      |          |         |                        |                  |                |            |           |                |              |           |
|------------------------------------------------------------------------------|---------------|-----------------------|------------------------------------------------------------------|------|----------|---------|------------------------|------------------|----------------|------------|-----------|----------------|--------------|-----------|
| Prepared for: Forsgate Country Club, 375 Forsgate Drive Monroe TWP, NJ 08831 |               |                       |                                                                  |      |          |         |                        |                  |                |            |           |                |              |           |
| Project ID: 7022026                                                          |               |                       |                                                                  |      |          |         |                        |                  |                |            |           |                |              |           |
| Scope: Electrical                                                            |               |                       |                                                                  |      |          |         |                        |                  |                |            |           |                |              |           |
|                                                                              |               |                       |                                                                  |      |          |         |                        |                  |                |            |           |                | Date:        | 23-Sep-26 |
| SR #                                                                         | Drawing #     | Detail #              | DESCRIPTION                                                      | UNIT | QUANTITY | WASTAGE | QUANTITY W/<br>WASTAGE | UNIT<br>MANHOURL | HOURLY<br>WAGE | LABOR COST | MAT. COST | UNIT COST      | SUB COST     |           |
| ELECTRICAL                                                                   |               |                       |                                                                  |      |          |         |                        |                  |                |            |           |                |              |           |
|                                                                              |               |                       | LIGHTING                                                         |      |          |         |                        |                  |                |            |           |                |              |           |
|                                                                              |               |                       | LIGHTING FIXTURES                                                |      |          |         |                        |                  |                |            |           |                |              |           |
| 1                                                                            | E-1.1 & E-2.2 | Only Material<br>Cost | Exit Sign                                                        | EA   | 1        | 0%      | 1                      | 0.00             | \$ -           | \$ -       | \$ 59.99  | \$ 59.99       | \$ 59.99     |           |
| 2                                                                            |               |                       | L-1: 4' Linear Lighting Fixture, LITHONIA LIGHTING SBL4LP840(C   | EA   | 132      | 0%      | 132                    | 0.00             | \$ -           | \$ -       | \$ 145.71 | \$ 145.71      | \$ 19,233.72 |           |
| 3                                                                            |               |                       | L-2: 2X2 Lighting Fixture, LITHONIA LIGHTING 2BLT2-2X2 BLTM      | EA   | 20       | 0%      | 20                     | 0.00             | \$ -           | \$ -       | \$ 148.27 | \$ 148.27      | \$ 2,965.40  |           |
| 4                                                                            |               |                       | L-2-EM: 2X2 Lighting Fixture With EM Battery, LITHONIA LIGHTIN   | EA   | 22       | 0%      | 22                     | 0.00             | \$ -           | \$ -       | \$ 203.47 | \$ 203.47      | \$ 4,476.34  |           |
| 5                                                                            |               |                       | L-3: Exterior Lighting FixtureMounting: SurfaceWatts: 10.5 W     | EA   | 20       | 0%      | 20                     | 0.00             | \$ -           | \$ -       | \$ 65.17  | \$ 65.17       | \$ 1,303.40  |           |
| 6                                                                            |               |                       | L-4: Exterior Emergency Lighting Fixture, LITHONIA LIGHTING WT   | EA   | 11       | 0%      | 11                     | 0.00             | \$ -           | \$ -       | \$ 737.56 | \$ 737.56      | \$ 8,113.16  |           |
| 7                                                                            |               |                       | L-5: Battery Pack Emergency Light Fixtures, LITHONIA LIGHTING E  | EA   | 57       | 0%      | 57                     | 0.00             | \$ -           | \$ -       | \$ 38.98  | \$ 38.98       | \$ 2,221.86  |           |
| 8                                                                            |               |                       | L-6: Illuminated Exit Sign With Emergency Light, LITHONIA LIGHTI | EA   | 13       | 0%      | 13                     | 0.00             | \$ -           | \$ -       | \$ 72.69  | \$ 72.69       | \$ 944.97    |           |
|                                                                              |               |                       |                                                                  |      |          |         |                        |                  |                |            |           | SUBTOTAL       | \$ 39,319    |           |
|                                                                              |               |                       |                                                                  |      |          |         |                        |                  |                |            |           | PROJECTED COST | \$39,319     |           |
| OVERHEAD AND PROFIT                                                          |               |                       |                                                                  |      |          |         |                        |                  |                |            |           | 15%            | \$5,898      |           |
| MATERIAL MARKUPS                                                             |               |                       |                                                                  |      |          |         |                        |                  |                |            |           | 20%            | \$7,864      |           |
| INSURANCE                                                                    |               |                       |                                                                  |      |          |         |                        |                  |                |            |           | 3%             | \$1,180      |           |
| CONTINGENCY                                                                  |               |                       |                                                                  |      |          |         |                        |                  |                |            |           | 5%             | \$1,966      |           |
| TAX                                                                          |               |                       |                                                                  |      |          |         |                        |                  |                |            |           | 6.63%          | \$2,605      |           |
| SUGGESTED BID                                                                |               |                       |                                                                  |      |          |         |                        |                  |                |            |           |                | \$58,831     |           |

