

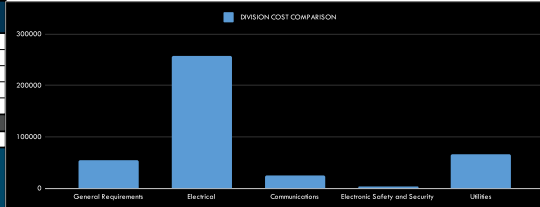
GENERAL SUMMARY

Prepared for: Dollar General Store #30012, Reserve, New Mexico, Country Road 435/Main Street At Orchid Street Reserve,
Catron County, New Mexico 87830

Project ID: 6062024
 Scope: Electrical
 No. Of Floors: 1
 Date: 6-Sep-24



| BUILDING GSF | | 10,545 | |
|----------------------------|--------------------------------|-------------------|--------------------------|
| DIVISION NO | DESCRIPTION | TOTAL DIV. COST | TOTAL DIV. COST (PER SF) |
| 1000 | General Requirements | \$ 54,000 | \$ 5 |
| 26000 | Electrical | \$ 257,199 | \$ 24 |
| 27000 | Communications | \$ 24,814 | \$ 2 |
| 28000 | Electronic Safety and Security | \$ 4,145 | \$ 0 |
| 33000 | Utilities | \$ 66,305 | \$ 6 |
| TOTAL TRADE COST | | \$ 406,463 | \$ 39 |
| OVERHEAD AND PROFIT | | | |
| | 20% | \$ 81,293 | \$ 7.71 |
| | INSURANCE 3% | \$ 12,194 | \$ 1 |
| | CONTINGENCY 5% | \$ 20,323 | \$ 2 |
| | TAX 8% | \$ 11,303 | \$ 3 |
| SUGGESTED BID | | \$ 531,575 | \$ 52 |



DETAILED BREAKDOWN OF ITEMS

Prepared for: Dollar General Store #30012, Reserve, New Mexico, Country Road 435/Main Street At Orchid Street Reserve, Catron County, New Mexico 87830
 Project ID: 6062024
 Scope: Electrical



Date: 6-Sep-24

| SR # | Drawing # | Detail # | DESCRIPTION | UNIT | QUANTITY | WASTAGE | QUANTITY W/WASTAGE | UNIT MANHOOR | 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 | \$ - | \$ - | \$ - | \$ 22,000.00 | \$ 22,000.00 |
| 3 | | | Submittals and Shop drawings | LS | 1 | 0% | 1 | 0.000 | \$ - | \$ - | \$ - | \$ - | \$ - |
| 4 | | | Final Cleaning | LS | 1 | 0% | 1 | 0.000 | \$ - | \$ - | \$ - | \$ 5,000.00 | \$ 5,000.00 |
| 5 | | | Mobilization Costs | LS | 1 | 0% | 1 | 0.000 | \$ - | \$ - | \$ - | \$ 18,000.00 | \$ 18,000.00 |
| 6 | | | Temporary Control & Facilities | LS | 1 | 0% | 1 | 0.000 | \$ - | \$ - | \$ - | \$ 9,000.00 | \$ 9,000.00 |
| 7 | | | Scaffolding | LS | 1 | 0% | 1 | 0.000 | \$ - | \$ - | \$ - | \$ - | \$ - |
| | | | | | | | | | | | | SUBTOTAL | \$ 54,000 |
| ELECTRICAL | | | | | | | | | | | | | |
| DISTRIBUTION | | | | | | | | | | | | | |
| CABLE TRAY | | | | | | | | | | | | | |
| 8 | | | 2" Cable Tray | LF | 72 | 10% | 80 | 0.080 | \$ 110.00 | \$ 8.80 | \$ 4.45 | \$ 13.25 | \$ 1,055 |
| CABLE TRAY FITTING: | | | | | | | | | | | | | |
| 9 | | Size Assumed | 2" Cable Tray 90 Deg Elbow | EA | 4 | 0% | 4 | 0.359 | \$ 110.00 | \$ 39.49 | \$ 32.98 | \$ 72.47 | \$ 290 |
| 10 | | | 2" Cable Tray Tee | EA | 3 | 0% | 3 | 0.399 | \$ 110.00 | \$ 43.89 | \$ 19.24 | \$ 63.13 | \$ 189 |
| CONDUIT | | | | | | | | | | | | | |
| 11 | | | 2" EMT Conduit | LF | 22 | 10% | 24 | 0.100 | \$ 110.00 | \$ 11.00 | \$ 8.67 | \$ 19.67 | \$ 474 |
| CONDUCTOR | | | | | | | | | | | | | |
| 12 | | | #6 CU THHN/THWN | LF | 34 | 10% | 37 | 0.010 | \$ 110.00 | \$ 1.10 | \$ 0.86 | \$ 1.96 | \$ 73 |
| 13 | | | #1/0 CU THHN/THWN | LF | 36 | 10% | 40 | 0.015 | \$ 110.00 | \$ 1.65 | \$ 2.77 | \$ 4.42 | \$ 176 |
| 14 | | | #4/0 CU THHN/THWN | LF | 30 | 10% | 32 | 0.018 | \$ 110.00 | \$ 1.98 | \$ 5.37 | \$ 7.35 | \$ 239 |
| LUGS | | | | | | | | | | | | | |
| 15 | | | Compression Lug CU With 1-Hole , #6 CU Wire | EA | 6 | 0% | 6 | 0.400 | \$ 110.00 | \$ 44.00 | \$ 2.94 | \$ 46.94 | \$ 282 |
| 16 | | | Heat Shrink Tubing for #6 CU Wire | EA | 6 | 0% | 6 | 0.220 | \$ 110.00 | \$ 24.20 | \$ 0.21 | \$ 24.41 | \$ 146 |
| 17 | | | Compression Lug CU With 1-Hole , #1/0 CU Wire | EA | 6 | 0% | 6 | 0.430 | \$ 110.00 | \$ 47.30 | \$ 4.59 | \$ 51.89 | \$ 311 |
| 18 | | | Heat Shrink Tubing for #1/0 CU Wire | EA | 6 | 0% | 6 | 0.230 | \$ 110.00 | \$ 25.30 | \$ 0.28 | \$ 25.58 | \$ 153 |
| 19 | | | Compression Lug CU With 1-Hole , #4/0 CU Wire | EA | 6 | 0% | 6 | 0.450 | \$ 110.00 | \$ 49.50 | \$ 11.56 | \$ 61.06 | \$ 366 |
| 20 | | | Heat Shrink Tubing for #4/0 CU Wire | EA | 6 | 0% | 6 | 0.250 | \$ 110.00 | \$ 27.50 | \$ 0.34 | \$ 27.84 | \$ 167 |
| CIRCUIT BREAKER | | | | | | | | | | | | | |
| 21 | | | 1P/15A Breaker | EA | 1 | 0% | 1 | 0.420 | \$ 110.00 | \$ 46.20 | \$ 28.00 | \$ 74.20 | \$ 74 |
| 22 | | | 1P/20A Breaker | EA | 101 | 0% | 101 | 0.420 | \$ 110.00 | \$ 46.20 | \$ 33.00 | \$ 79.20 | \$ 7,999 |
| 23 | | | 2P/15A Breaker | EA | 5 | 0% | 5 | 0.450 | \$ 110.00 | \$ 49.50 | \$ 37.00 | \$ 86.50 | \$ 433 |
| 24 | | | 2P/20A Breaker | EA | 2 | 0% | 2 | 0.450 | \$ 110.00 | \$ 49.50 | \$ 43.18 | \$ 92.68 | \$ 185 |
| 25 | | | 2P/25A Breaker | EA | 1 | 0% | 1 | 0.450 | \$ 110.00 | \$ 49.50 | \$ 46.00 | \$ 95.50 | \$ 96 |
| 26 | | | 2P/40A Breaker | EA | 3 | 0% | 3 | 0.500 | \$ 110.00 | \$ 55.00 | \$ 67.91 | \$ 122.91 | \$ 369 |
| 27 | | | 2P/60A Breaker | EA | 5 | 0% | 5 | 0.550 | \$ 110.00 | \$ 60.50 | \$ 78.00 | \$ 138.50 | \$ 693 |
| 28 | | | 2P/150A Breaker | EA | 1 | 0% | 1 | 1.080 | \$ 110.00 | \$ 118.80 | \$ 393.00 | \$ 511.80 | \$ 512 |
| 29 | | | 2P/225A Breaker | EA | 1 | 0% | 1 | 1.340 | \$ 110.00 | \$ 147.40 | \$ 515.75 | \$ 663.15 | \$ 663 |
| PANEL | | | | | | | | | | | | | |
| 30 | | | Panel A: 600A, 120/240V, 1Ph, 3W, Mains: MLO, 10KAIC, 42 Poles, Type NOOD, NEMA 1 | EA | 1 | 0% | 1 | 7.650 | \$ 110.00 | \$ 841.50 | \$ 7,079.99 | \$ 7,921.49 | \$ 7,921 |
| 31 | | | Panel B: 200A, 120/240V, 1Ph, 3W, Mains: MLO, 10KAIC, 54 Poles, Type NOOD, NEMA 1 | EA | 1 | 0% | 1 | 4.250 | \$ 110.00 | \$ 467.50 | \$ 3,195.84 | \$ 3,663.34 | \$ 3,663 |
| 32 | | | Panel R: 225A, 120/240V, 1Ph, 3W, Mains: MLO, 10KAIC, 42 Poles, Type NOOD, NEMA 1 | EA | 1 | 0% | 1 | 4.560 | \$ 110.00 | \$ 501.60 | \$ 3,450.00 | \$ 3,951.60 | \$ 3,952 |
| DISCONNECT SWITCH | | | | | | | | | | | | | |
| 33 | | | 3P/100A With 80A RK-5 Type Fused Disconnect Switch, NEMA 3R | EA | 4 | 0% | 4 | 1.000 | \$ 110.00 | \$ 110.00 | \$ 576.20 | \$ 686.20 | \$ 2,745 |
| GROUNDING | | | | | | | | | | | | | |
| 34 | | | 5/8" x 10' CU Glad Ground Rod | EA | 1 | 0% | 1 | 0.356 | \$ 110.00 | \$ 39.16 | \$ 44.50 | \$ 83.66 | \$ 84 |
| 35 | | | Ground Busbar | EA | 1 | 0% | 1 | 0.550 | \$ 110.00 | \$ 60.50 | \$ 139.78 | \$ 200.28 | \$ 200 |
| 36 | | | Main Bonding Jumper | EA | 1 | 0% | 1 | 0.860 | \$ 110.00 | \$ 94.60 | \$ 220.29 | \$ 314.89 | \$ 315 |
| 37 | | | Neutral Busbar | EA | 1 | 0% | 1 | 0.660 | \$ 110.00 | \$ 72.60 | \$ 160.00 | \$ 232.60 | \$ 233 |
| 38 | | | #6 CU Grounding Conductor | LF | 75 | 10% | 83 | 0.010 | \$ 110.00 | \$ 1.10 | \$ 0.86 | \$ 1.96 | \$ 162 |
| 39 | | | #3/0 CU Grounding Conductor | LF | 20 | 10% | 22 | 0.017 | \$ 110.00 | \$ 1.87 | \$ 4.31 | \$ 6.18 | \$ 136 |
| POWER | | | | | | | | | | | | | |
| CONDUIT | | | | | | | | | | | | | |
| 40 | | | 3/4" EMT Conduit | LF | 6076 | 10% | 6683 | 0.062 | \$ 110.00 | \$ 6.82 | \$ 2.03 | \$ 8.85 | \$ 59,147 |
| 41 | | | 1" EMT Conduit | LF | 169 | 10% | 186 | 0.070 | \$ 110.00 | \$ 7.70 | \$ 3.46 | \$ 11.16 | \$ 2,075 |
| 42 | | | 1-1/2" EMT Conduit | LF | 431 | 10% | 474 | 0.089 | \$ 110.00 | \$ 9.79 | \$ 7.04 | \$ 16.83 | \$ 7,974 |
| 43 | | | 3/4" RGS Conduit | LF | 21 | 10% | 23 | 0.100 | \$ 110.00 | \$ 11.00 | \$ 5.00 | \$ 16.00 | \$ 363 |
| 44 | | | 1-1/2" RGS Conduit | LF | 20 | 10% | 22 | 0.145 | \$ 110.00 | \$ 15.95 | \$ 12.88 | \$ 28.83 | \$ 631 |
| CONDUCTOR | | | | | | | | | | | | | |
| 45 | | | #12 CU THHN/THWN | LF | 10968 | 10% | 12064 | 0.007 | \$ 110.00 | \$ 0.77 | \$ 0.25 | \$ 1.02 | \$ 12,306 |
| 46 | | | #10 CU THHN/THWN | LF | 8720 | 10% | 9591 | 0.008 | \$ 110.00 | \$ 0.88 | \$ 0.38 | \$ 1.26 | \$ 12,085 |
| 47 | | | #8 CU THHN/THWN | LF | 958 | 10% | 1053 | 0.009 | \$ 110.00 | \$ 0.99 | \$ 0.56 | \$ 1.55 | \$ 1,633 |

| LABOR RATE | MAT RATE |
|--------------|--------------|
| \$ - | \$ - |
| \$ 700.74 | \$ 354.35 |
| \$ - | \$ - |
| \$ 157.96 | \$ 131.92 |
| \$ 131.67 | \$ 57.72 |
| \$ - | \$ - |
| \$ 264.87 | \$ 208.76 |
| \$ - | \$ - |
| \$ 41.07 | \$ 32.11 |
| \$ 65.61 | \$ 110.15 |
| \$ 64.29 | \$ 174.37 |
| \$ - | \$ - |
| \$ 264.00 | \$ 17.64 |
| \$ 145.20 | \$ 1.26 |
| \$ 283.80 | \$ 27.54 |
| \$ 151.80 | \$ 1.68 |
| \$ 297.00 | \$ 69.36 |
| \$ 165.00 | \$ 2.04 |
| \$ - | \$ - |
| \$ 46.20 | \$ 28.00 |
| \$ 4,666.20 | \$ 3,333.00 |
| \$ 247.50 | \$ 185.00 |
| \$ 99.00 | \$ 86.36 |
| \$ 49.50 | \$ 46.00 |
| \$ 165.00 | \$ 203.73 |
| \$ 302.50 | \$ 390.00 |
| \$ 118.80 | \$ 393.00 |
| \$ 147.40 | \$ 515.75 |
| \$ - | \$ - |
| \$ 841.50 | \$ 7,079.99 |
| \$ 467.50 | \$ 3,195.84 |
| \$ 501.60 | \$ 3,450.00 |
| \$ - | \$ - |
| \$ 440.00 | \$ 2,304.80 |
| \$ - | \$ - |
| \$ 39.16 | \$ 44.50 |
| \$ 60.50 | \$ 139.78 |
| \$ 94.60 | \$ 220.29 |
| \$ 72.60 | \$ 160.00 |
| \$ 90.75 | \$ 70.95 |
| \$ 41.14 | \$ 94.82 |
| \$ - | \$ - |
| \$ - | \$ - |
| \$ 45,579.83 | \$ 13,567.02 |
| \$ 1,431.68 | \$ 643.33 |
| \$ 4,638.32 | \$ 3,335.42 |
| \$ 249.26 | \$ 113.30 |
| \$ 349.32 | \$ 282.08 |
| \$ - | \$ - |
| \$ 9,289.49 | \$ 3,016.07 |
| \$ 8,440.51 | \$ 3,644.76 |
| \$ 1,042.95 | \$ 589.95 |

E1.1, E1.2, E1.3, E1.4, E2 & E3

| | | | | | | | | | | | | |
|-----------------------------------------|-------------|-----------------------------------------------------------------------------------------------------------------------------------------------|-----|------|-----|------|-------|-----------|-------------|--------------|--------------|-----------|
| 90 | | 3/4" EMT Conduit | LF | 184 | 10% | 202 | 0.062 | \$ 110.00 | \$ 6.82 | \$ 2.03 | \$ 8.85 | \$ 1,788 |
| 91 | | 3/4" RGS Conduit | LF | 20 | 10% | 22 | 0.100 | \$ 110.00 | \$ 11.00 | \$ 5.00 | \$ 16.00 | \$ 358 |
| | E1.3 | CONDUCTOR | | | | | | | | | | |
| 92 | | #16 CU THHN/THWN | LF | 408 | 10% | 449 | 0.006 | \$ 110.00 | \$ 0.66 | \$ 0.15 | \$ 0.81 | \$ 364 |
| | | DEVICES | | | | | | | | | | |
| 93 | | Photoelectric Duct Detector With Housing | EA | 4 | 0% | 4 | 0.760 | \$ 110.00 | \$ 83.60 | \$ 325.00 | \$ 408.60 | \$ 1,634 |
| SUBTOTAL \$ 4,145 | | | | | | | | | | | | |
| UTILITIES | | | | | | | | | | | | |
| DISTRIBUTION | | | | | | | | | | | | |
| | | CONDUIT | | | | | | | | | | |
| 94 | | 3" PVC SCH 40 Conduit | LF | 236 | 10% | 259 | 0.055 | \$ 110.00 | \$ 6.05 | \$ 2.18 | \$ 8.23 | \$ 2,133 |
| | | CONDUCTOR | | | | | | | | | | |
| 95 | | #1 CU THHN/THWN | LF | 91 | 10% | 100 | 0.014 | \$ 110.00 | \$ 1.54 | \$ 2.26 | \$ 3.80 | \$ 381 |
| 96 | | #350 MCM CU THHN/THWN | LF | 707 | 10% | 777 | 0.030 | \$ 110.00 | \$ 3.30 | \$ 8.75 | \$ 12.05 | \$ 9,369 |
| | | LUGS | | | | | | | | | | |
| 97 | | Compression Lug CU With 1-Hole, #1 CU Wire | EA | 4 | 0% | 4 | 0.430 | \$ 110.00 | \$ 47.30 | \$ 4.59 | \$ 51.89 | \$ 208 |
| 98 | | Heat Shrink Tubing for #1 CU Wire | EA | 4 | 0% | 4 | 0.230 | \$ 110.00 | \$ 25.30 | \$ 0.28 | \$ 25.58 | \$ 102 |
| 99 | | Compression Lug CU With 1-Hole, #350 KCMIL CU Wire | EA | 24 | 0% | 24 | 0.460 | \$ 110.00 | \$ 50.60 | \$ 12.19 | \$ 62.79 | \$ 1,507 |
| 100 | | Heat Shrink Tubing for #350 KCMIL CU Wire | EA | 24 | 0% | 24 | 0.250 | \$ 110.00 | \$ 27.50 | \$ 0.34 | \$ 27.84 | \$ 668 |
| | | DEVICES | | | | | | | | | | |
| 101 | | 240V, Single Phase Pole Mounted Transformer | EA | 1 | 0% | 1 | 6.470 | \$ 110.00 | \$ 711.70 | \$ 5,900.00 | \$ 6,611.70 | \$ 6,612 |
| 102 | | Utility Meter With CT Cabinet | EA | 1 | 0% | 1 | 2.780 | \$ 110.00 | \$ 305.80 | \$ 1,015.58 | \$ 1,321.38 | \$ 1,321 |
| 103 | | Utility Pole | EA | 1 | 0% | 1 | 3.120 | \$ 110.00 | \$ 343.20 | \$ 879.95 | \$ 1,223.15 | \$ 1,223 |
| | | DISCONNECT SWITCH | | | | | | | | | | |
| 104 | | 2P/600A Service Entrance Rated Disconnect Switch With Class J Fuse | EA | 1 | 0% | 1 | 9.740 | \$ 110.00 | \$ 1,071.40 | \$ 10,889.00 | \$ 11,960.40 | \$ 11,960 |
| | | SITE LIGHTING | | | | | | | | | | |
| | | CONDUIT | | | | | | | | | | |
| 105 | | 3/4" EMT Conduit | LF | 463 | 10% | 509 | 0.062 | \$ 110.00 | \$ 6.82 | \$ 2.03 | \$ 8.85 | \$ 4,503 |
| 106 | | 1" PVC SCH 40 Conduit | LF | 583 | 10% | 642 | 0.064 | \$ 110.00 | \$ 7.04 | \$ 3.66 | \$ 10.70 | \$ 6,866 |
| | | CONDUCTOR | | | | | | | | | | |
| 107 | | #10 CU THHN/THWN | LF | 4748 | 10% | 5223 | 0.008 | \$ 110.00 | \$ 0.88 | \$ 0.38 | \$ 1.26 | \$ 6,580 |
| | | LIGHTING FIXTURES | | | | | | | | | | |
| 108 | | Pylon Sign Light Fixture | EA | 1 | 0% | 1 | 1.560 | \$ 110.00 | \$ 171.60 | \$ 390.00 | \$ 561.60 | \$ 562 |
| 109 | | S: (2) LED Night Sky Area Light On 24' Pole With Back Light Shield, TECHLIGHT LSMT-1-C-X-13-F1-BZ-S2130N ON SS3P-24-4-11-BZ-DM2180 Watts: 147 | EA | 1 | 0% | 1 | 1.320 | \$ 110.00 | \$ 145.20 | \$ 268.13 | \$ 413.33 | \$ 413 |
| | | S: LED Night Sky Area Light On 24' Pole With Back Light Shield, TEC Watts: 147 | EA | 2 | | | 1.320 | \$ 110.00 | \$ 145.20 | \$ 268.13 | | |
| 110 | | 24' Square Steel Pole | EA | 3 | 0% | 3 | 2.560 | \$ 110.00 | \$ 281.60 | \$ 780.00 | \$ 1,061.60 | \$ 3,185 |
| 111 | | Concrete Base | EA | 3 | 0% | 3 | 2.120 | \$ 110.00 | \$ 233.20 | \$ 350.00 | \$ 583.20 | \$ 1,750 |
| | | MISCELLANEOUS | | | | | | | | | | |
| | | TRENCHING & BACKFILLING | | | | | | | | | | |
| 112 | | Excavation & Backfilling (2' Deep x 1' Wide Trench) Including All Labor and Material/Equipment | CFT | 744 | 0% | 744 | 0.085 | \$ 110.00 | \$ 9.35 | \$ - | \$ 9.35 | \$ 6,961 |
| SUBTOTAL \$ 66,305 | | | | | | | | | | | | |
| PROJECTED COST \$406,463 | | | | | | | | | | | | |
| OVERHEAD AND PROFIT 20% \$81,293 | | | | | | | | | | | | |
| INSURANCE 3% \$12,194 | | | | | | | | | | | | |
| CONTINGENCY 5% \$20,323 | | | | | | | | | | | | |
| TAX 8% \$11,303 | | | | | | | | | | | | |
| SUGGESTED BID \$531,575 | | | | | | | | | | | | |

| | |
|---------------|---------------|
| \$ 1,378.12 | \$ 410.20 |
| \$ 246.36 | \$ 111.98 |
| \$ - | \$ - |
| \$ 296.30 | \$ 67.34 |
| \$ - | \$ - |
| \$ 334.40 | \$ 1,300.00 |
| \$ - | \$ - |
| \$ - | \$ - |
| \$ - | \$ - |
| \$ - | \$ - |
| \$ - | \$ - |
| \$ - | \$ - |
| \$ 1,567.92 | \$ 564.97 |
| \$ - | \$ - |
| \$ 154.53 | \$ 226.77 |
| \$ 2,565.68 | \$ 6,802.95 |
| \$ - | \$ - |
| \$ 189.20 | \$ 18.36 |
| \$ 101.20 | \$ 1.12 |
| \$ 1,214.40 | \$ 292.56 |
| \$ 660.00 | \$ 8.16 |
| \$ - | \$ - |
| \$ 711.70 | \$ 5,900.00 |
| \$ 305.80 | \$ 1,015.58 |
| \$ 343.20 | \$ 879.95 |
| \$ - | \$ - |
| \$ 1,071.40 | \$ 10,889.00 |
| \$ - | \$ - |
| \$ - | \$ - |
| \$ 3,470.43 | \$ 1,032.99 |
| \$ 4,517.69 | \$ 2,348.69 |
| \$ - | \$ - |
| \$ 4,595.89 | \$ 1,984.59 |
| \$ - | \$ - |
| \$ 171.60 | \$ 390.00 |
| \$ 145.20 | \$ 268.13 |
| \$ - | \$ - |
| \$ 844.80 | \$ 2,340.00 |
| \$ 699.60 | \$ 1,050.00 |
| \$ - | \$ - |
| \$ - | \$ - |
| \$ 6,960.51 | \$ - |
| \$ 206,613.70 | \$ 145,848.91 |

DETAILED BREAKDOWN OF ITEMS

Prepared for: Dollar General Store #30012, Reserve, New Mexico, Country Road 435/Main Street At Orchid Street Reserve, Catron County, New Mexico 87830
 Project ID: 6062024
 Scope: Electrical



Date: 6-Sep-24

| SR # | Drawing # | Detail # | DESCRIPTION | UNIT | QUANTITY |
|-----------------------------|-----------|----------|--------------------------------|------|----------|
| GENERAL REQUIREMENTS | | | | | |
| 1 | | | Permits | LS | 1 |
| 2 | | | Supervision and Coordination | LS | 1 |
| 3 | | | Submittals and Shop drawings | LS | 1 |
| 4 | | | Final Cleaning | LS | 1 |
| 5 | | | Mobilization Costs | LS | 1 |
| 6 | | | Temporary Control & Facilities | LS | 1 |
| 7 | | | Scaffolding | LS | 1 |

| ELECTRICAL | | | | | |
|---------------------------|--|--|-------------------------------------------------------------------|----|-----|
| DISTRIBUTION | | | | | |
| CABLE TRAY | | | | | |
| 8 | | | 2" Cable Tray | EA | 7 |
| CABLE TRAY FITTING | | | | | |
| 9 | | | 2" 90Deg Cable Tray | EA | 4 |
| 10 | | | 2" TEE Cable Tray | EA | 3 |
| CONDUIT | | | | | |
| 11 | | | 2" EMT Conduit | EA | 2 |
| CONDUCTOR | | | | | |
| 12 | | | #6 CU THHN/THWN | EA | 0 |
| 13 | | | #1/0 CU THHN/THWN | EA | 0 |
| 14 | | | #4/0 CU THHN/THWN | EA | 0 |
| LUGS | | | | | |
| 15 | | | Compression Lug CU With 1-Hole ,#6 CU Wire | EA | 6 |
| 16 | | | Heat Shrink Tubing for #6 CU Wire | EA | 6 |
| 17 | | | Compression Lug CU With 1-Hole ,#1/0 CU Wire | EA | 6 |
| 18 | | | Heat Shrink Tubing for #1/0 CU Wire | EA | 6 |
| 19 | | | Compression Lug CU With 1-Hole ,#4/0 CU Wire | EA | 6 |
| 20 | | | Heat Shrink Tubing for #4/0 CU Wire | EA | 6 |
| CIRCUIT BREAKER | | | | | |
| 21 | | | 1P/15A Breaker | EA | 1 |
| 22 | | | 1P/20A Breaker | EA | 101 |
| 23 | | | 2P/15A Breaker | EA | 5 |
| 24 | | | 2P/20A Breaker | EA | 2 |
| 25 | | | 2P/25A Breaker | EA | 1 |
| 26 | | | 2P/40A Breaker | EA | 3 |
| 27 | | | 2P/60A Breaker | EA | 5 |
| 28 | | | 2P/150A Breaker | EA | 1 |
| 29 | | | 2P/225A Breaker | EA | 1 |
| PANEL | | | | | |
| 30 | | | Panel A: 600A, 120/240V, 1Ph, 3W, Mains: MLO, 10KAIC, 42 Poles, 1 | EA | 1 |
| 31 | | | Panel B: 200A, 120/240V, 1Ph, 3W, Mains: MLO, 10KAIC, 54 Poles, 1 | EA | 1 |
| 32 | | | Panel R: 225A, 120/240V, 1Ph, 3W, Mains: MLO, 10KAIC, 42 Poles, 1 | EA | 1 |
| DEVICES | | | | | |
| | | | Utility Meter | EA | |
| | | | Utility Transformer Pad | EA | |
| | | | Transformer Pad | EA | |
| | | | 400A ATS | EA | |
| | | | Diesel Generator | EA | |
| DISCONNECT SWITCH | | | | | |
| 33 | | | 3P/100A With 80A RK-5 Type Fused Disconnect Switch, NEMA 3R | EA | 4 |
| GROUNDING | | | | | |
| 34 | | | 1/2" x 20' Rebar In Building Wall | EA | 1 |
| 35 | | | 5/8" x 10' CU Glad Ground Rod | EA | 1 |
| 36 | | | Ground Busbar | EA | 1 |
| 37 | | | Main Bonding Jumper | EA | 1 |
| 38 | | | Neutral Busbar | EA | 1 |
| 39 | | | #6 CU Grounding Conductor | EA | 0 |

| | | | | | |
|----|------------------------------------|------------------------------------------------------------------------------|------------------|-----|--|
| 40 | | #3/0 CU Grounding Conductor | EA | 0 | |
| | | POWER | | | |
| | | CONDUIT | | | |
| 41 | E1.1, E1.2, E1.3, E1.4, E2 & E3 | 3/4" EMT Conduit | EA | 608 | |
| 42 | | 1" EMT Conduit | EA | 17 | |
| 43 | | 1-1/2" EMT Conduit | EA | 43 | |
| 44 | | 3/4" RGS Conduit | EA | 2 | |
| 45 | | 1-1/2" RGS Conduit | EA | 2 | |
| | | | CONDUCTOR | | |
| 46 | | #12 CU THHN/THWN | EA | 55 | |
| 47 | | #10 CU THHN/THWN | EA | 44 | |
| 48 | | #8 CU THHN/THWN | EA | 5 | |
| 49 | | #3 CU THHN/THWN | EA | 9 | |
| | | DEVICE | | | |
| 50 | | 20A Toggle Switch | EA | 1 | |
| 51 | | Dedicated Duplex Receptacle, GFCI, WP, NEMA 5-20R | EA | 6 | |
| 52 | | Dedicated Duplex Receptacle, NEMA 5-20R | EA | 1 | |
| 53 | | Dedicated Quad Receptacle, NEMA 5-20R | EA | 1 | |
| 54 | | Duplex Receptacle, NEMA 5-20R | EA | 12 | |
| 55 | | Modular Power Pole | EA | 1 | |
| 56 | | Programmable Timer Switch With 2HR Manual Override, INTERMATIC | EA | 1 | |
| 57 | | Quad Receptacle, NEMA 5-20R | EA | 8 | |
| 58 | | Simplex #4092-9842 With PIEZO and Indicator Light | EA | 4 | |
| 59 | | Modular Power Pole | EA | 1 | |
| 60 | | R17 Power Pole, 747DGS080 | EA | 2 | |
| 61 | | SCO Cable Kit, 747DGS058-SC | EA | 3 | |
| 62 | | SCO Power Box, 747DGS059-SC-2357 | EA | 3 | |
| 63 | | 8 Connection Distribution Box, 747DGS081 | EA | 1 | |
| 64 | | E Cable Kit, 747DGS068-C | EA | 1 | |
| 65 | | E Power Box, 747DGS068-2600-E | EA | 1 | |
| 66 | | R16-20 Cable Kit (Set of 4), 747DGS032A-20 | EA | 1 | |
| 67 | | R16 Cable Kit (Set of 4), 747DGS032A | EA | 1 | |
| 68 | | R16 Power, 747DGS044 | EA | 1 | |
| | | LIGHTING | | | |
| | | CONDUIT | | | |
| 69 | | 3/4" EMT Conduit | EA | 573 | |
| | | CONDUCTOR | | | |
| 70 | | #12 CU THHN/THWN | EA | 69 | |
| 71 | | #10 CU THHN/THWN | EA | 17 | |
| | | LIGHTING FIXTURES | | | |
| 72 | | A: 4' LED Light Fixture W/ (2) 8' Cables, ETI 54573161 Watts: 33W | EA | 74 | |
| 73 | | A-NL: 4' LED Nigh Light Fixture W/ (2) 8' Cables, ETI 54573161 Watts: 33W | EA | 4 | |
| 74 | | A1: 4' LED Light Fixture, ETI 54573161 Watts: 33W | EA | 2 | |
| 75 | | D: LED Exit Sign/ Emergency Light Combo With (2) Heads, ETI 55502 | EA | 3 | |
| 76 | | E: LED Emergency Light With (2) Heads, ETI 55501101 | EA | 9 | |
| 77 | | F: LED Wall Pack, TECHLIGHT LHSWP-1-C-4-T3-F1-BZ Watts: 38 | EA | 3 | |
| 78 | | G: LED Area Light, 42" Extension ARM, TECHLIGHT LSMT-1-C-X-1 Watts: 147 | EA | 11 | |
| | | LIGHTING CONTROL | | | |
| 79 | | Dual Technology Occupancy Sensor Switch With Adjustable OFF Delay | EA | 4 | |
| 80 | | Programmable Timer Switch With 2Hr Manual Override, INTERMATIC | EA | 1 | |
| 81 | | Single Pole Light Switch | EA | 1 | |
| | | MISCELLANEOUS | | | |
| 82 | | Junction Box | EA | 18 | |
| | | COMMUNICATION | | | |
| | | TELECOMMUNICATION | | | |
| | | CONDUIT | | | |
| 83 | | 1" EMT Conduit | EA | 6 | |
| 84 | | 1-1/2" EMT Conduit With Pull String | EA | 2 | |
| | | CONDUCTOR | | | |
| 85 | | CAT5 Cable | EA | 1 | |
| | | DEVICES | | | |
| 86 | | 10' x 5.5' x 3/4" Fire Rated Plywood | EA | 1 | |
| 87 | By Dollar General | Computer Cart | EA | 1 | |
| 88 | | Telephone Outlet | EA | 1 | |
| 89 | | RJ45 Connector | EA | 1 | |
| 90 | | Back Box | EA | 1 | |
| 91 | | Faceplate | EA | 1 | |
| | | LOW VOLTAGE | | | |

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|-----|------------------------|------------------------|----------------------------------------------------------|----|-----|
| | EMS1 & E1.1 | | CONDUIT | | |
| 92 | | | 3/4" EMT Conduit | EA | 117 |
| 93 | | | 1-1/2" EMT Conduit With Pull String | EA | 1 |
| 94 | | | 3/4" RGS Conduit | EA | 4 |
| | | | CONDUCTOR | | |
| 95 | | | BELDEN 8761 Cable | EA | 6 |
| 96 | | | #18 CU THHN/THWN | EA | 1 |
| | | | DEVICES | | |
| 97 | | | Buzzer, Tork Model #TA725 With Transformer Model # TA592 | EA | 1 |
| 98 | | | Commercial Grade Push Button | EA | 1 |
| 99 | | | EMS Panel, CX100 | EA | 1 |
| 100 | | | Outdoor Air Temperature Sensor | EA | 1 |
| 101 | | By EMS Supplier | Supply Temperature, 501-1121 | EA | 4 |
| 102 | | | Temperature Space Sensor, 809-6590 | EA | 5 |

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|---------------------------------------|--|-------------|------------------------------------------|----|----|
| ELECTRONUC SAFETY AND SECURITY | | | | | |
| FIRE ALARM | | | | | |
| | | | CONDUIT | | |
| 103 | | E1.3 | 3/4" EMT Conduit | EA | 18 |
| 104 | | | 3/4" RGS Conduit | EA | 2 |
| | | | CONDUCTOR | | |
| 105 | | | #16 CU THHN/THWN | EA | 2 |
| | | | DEVICES | | |
| 106 | | | Photoelectric Duet Detector With Housing | EA | 4 |

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|---------------------|--|------------------------------------------------------------------------------------------------|---------------------------------------------------------------------|-----|----|
| UTILITIES | | | | | |
| DISTRIBUTION | | | | | |
| | | | CONDUIT | | |
| 107 | | SU1 | 3" PVC SCH 40 Conduit | EA | 24 |
| | | | CONDUCTOR | | |
| 108 | | | #1 CU THHN/THWN | EA | 0 |
| 109 | | | #350 MCM CU THHN/THWN | EA | 4 |
| | | | LUGS | | |
| 110 | | | Compression Lug CU With 1-Hole , #1 CU Wire | EA | 4 |
| 111 | | | Heat Shrink Tubing for #1 CU Wire | EA | 4 |
| 112 | | | Compression Lug CU With 1-Hole , #350 KCMIL CU Wire | EA | 24 |
| 113 | | | Heat Shrink Tubing for #350 KCMIL CU Wire | EA | 24 |
| | | | DEVICES | | |
| 114 | | | 240V, Single Phase Pole Mounted Transformer | EA | 1 |
| 115 | | | Utility Meter With CT Cabinet | EA | 1 |
| 116 | | | Utility Pole | EA | 1 |
| | | | DISCONNECT SWITCH | | |
| 117 | | | 2P/600A Service Entrance Rated Disconnect Switch With Class J Fuse, | EA | 1 |
| | | | SITE LIGHTING | | |
| | | CONDUIT | | | |
| 118 | | 3/4" EMT Conduit | EA | 46 | |
| 119 | | 1" PVC SCH 40 Conduit | EA | 58 | |
| | | CONDUCTOR | | | |
| 120 | | #10 CU THHN/THWN | EA | 24 | |
| | | LIGHTING FIXTURES | | | |
| 121 | | Pylon Sign Light Fixture | EA | 1 | |
| 122 | | S: (2) LED Night Sky Area Light On 24' Pole With Back Light Shield, T Watts: 147 | EA | 1 | |
| 123 | | S: LED Night Sky Area Light On 24' Pole With Back Light Shield, TEC Watts: 147 | EA | 2 | |
| 124 | | 24' Square Steel Pole | EA | 3 | |
| 125 | | Concrete Base | EA | 3 | |
| | | MISCELLANEOUS | | | |
| | | TRENCHING & BACKFILLING | | | |
| 126 | | Excavation & Backfilling (2' Deep x 1' Wide Trench) Including All Labor and Material/Equipment | CFT | 744 | |

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| | | PROJECTED COST |
| OVERHEAD AND PROFIT | | |
| INSURANCE | | |
| CONTINGENCY | | |
| TAX | | |
| | | SUGGESTED BID |

Notes:

1. Online sources are used for pricing.
 2. Prices can vary depending upon field conditions.
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