

| DIVISION BREAKDOWN | | | | | | | | | | MATERIAL COST | LABOR COST | COST/SQFT |
|------------------------------------|--|--|--|--|--|--|--|--|--|--------------------|-----------------|-----------|
| Division 01 - General Requirements | | | | | | | | | | \$505,000 | \$0 | \$35.71 |
| Division 22 - Plumbing | | | | | | | | | | \$371,541 | \$249,394 | \$43.91 |
| Division 23 - HVAC/ Mechanical | | | | | | | | | | \$159,968 | \$90,446 | \$17.71 |
| Division 26 - Electrical | | | | | | | | | | \$219,025 | \$150,675 | \$26.14 |
| SUBTOTAL | | | | | | | | | | \$1,746,049 | \$1,123,47 | \$123.47 |
| SALES TAX | | | | | | | | | | \$94,165 | \$6.66 | \$6.66 |
| OVERHEADS & PROFITS | | | | | | | | | | \$436,512 | \$30.87 | \$30.87 |
| INSURANCES | | | | | | | | | | \$52,381 | \$3.70 | \$3.70 |
| CONTINGENCY | | | | | | | | | | \$87,302 | \$6.17 | \$6.17 |
| TOTAL BASE BID | | | | | | | | | | \$2,416,411 | \$170.88 | |

Note:
 1. This estimate is based on real market prices that are regularly updated by our team persons through market surveys and online resoures, we still encourage our clients to put their own.
 2. This sheet is your property and we encourage you to fine tune the wastage and pricing values to your preference.
 3. Feel free to contact us for any queries or suggestions.

| ITEM # | DESCRIPTION | QUANTITY | WASTAGE | QTY W/WASTAGE | UNIT | MAT COST | TOTAL MAT COST | TYPE OF LABOR | PER HOUR LABOR WAGE | LABOR FACTOR | TOTAL LABOR HOURS | TOTAL LABOR COST | UNIT COST | TOTAL COST | TRADE COST |
|---------------------------------|------------------------------------|----------|---------|---------------|------|-------------|------------------|---------------|---------------------|--------------|-------------------|------------------|-------------|------------|------------------|
| GENERAL REQUIREMENTS | | | | | | | | | | | | | | | |
| 1 | Project Manager | 1 | 0% | 1 | LS | \$40,000.00 | \$40,000 | CARP | \$125 | 0.00 | 0 | \$0 | \$40,000.00 | \$40,000 | |
| 2 | Field Superintendent | 1 | 0% | 1 | LS | \$35,000.00 | \$35,000 | CARP | \$125 | 0.00 | 0 | \$0 | \$35,000.00 | \$35,000 | |
| 3 | Bonds | 1 | 0% | 1 | LS | \$90,000.00 | \$90,000 | CARP | \$125 | 0.00 | 0 | \$0 | \$90,000.00 | \$90,000 | |
| 4 | Permitting | 1 | 0% | 1 | LS | \$75,000.00 | \$75,000 | CARP | \$125 | 0.00 | 0 | \$0 | \$75,000.00 | \$75,000 | |
| 5 | Mobilization Cost | 1 | 0% | 1 | LS | \$70,000.00 | \$70,000 | CARP | \$125 | 0.00 | 0 | \$0 | \$70,000.00 | \$70,000 | |
| 6 | Temp Fencing, Toilets, Utilities | 1 | 0% | 1 | LS | \$55,000.00 | \$55,000 | CARP | \$125 | 0.00 | 0 | \$0 | \$55,000.00 | \$55,000 | |
| 7 | Jobsite Signage, Trailer, Security | 1 | 0% | 1 | LS | \$35,000.00 | \$35,000 | CARP | \$125 | 0.00 | 0 | \$0 | \$35,000.00 | \$35,000 | |
| 8 | Dumpsters, Tools | 1 | 0% | 1 | LS | \$30,000.00 | \$30,000 | CARP | \$125 | 0.00 | 0 | \$0 | \$30,000.00 | \$30,000 | |
| 9 | Clean-up | 1 | 0% | 1 | LS | \$40,000.00 | \$40,000 | CARP | \$125 | 0.00 | 0 | \$0 | \$40,000.00 | \$40,000 | |
| 10 | Procure, Web Cameras | 1 | 0% | 1 | LS | \$35,000.00 | \$35,000 | CARP | \$125 | 0.00 | 0 | \$0 | \$35,000.00 | \$35,000 | |
| Subtotal (General Requirements) | | | | | | | \$505,000 | | | | | \$0 | | | \$505,000 |

| DIVISION 22- PLUMBING | | | | | | | | | | | | | | | |
|------------------------------|--|-----|-----|------|----|------------|----------|------|-------|-------|-----|----------|------------|----------|--|
| Fixture | | | | | | | | | | | | | | | |
| 11 | P-1: Water Closet, Gerber Maxwell Model #21-918 | 18 | 10% | 20 | EA | \$790.00 | \$15,642 | Plum | \$125 | 4.00 | 79 | \$9,900 | \$1,290.00 | \$25,542 | |
| 12 | P-1A: Water Closet, Gerber Maxwell Model #21-918 | 5 | 10% | 6 | EA | \$790.00 | \$4,345 | Plum | \$125 | 4.00 | 22 | \$2,750 | \$1,290.00 | \$7,095 | |
| 13 | P-2: Lavatory Sink by others, Faucet Olympia Model # L-6162B Elite Single Handle Lavatory | 19 | 10% | 21 | EA | \$736.00 | \$15,382 | Plum | \$125 | 3.00 | 63 | \$7,838 | \$1,111.00 | \$23,220 | |
| 14 | P-2A: Lavatory Sink Greber Plymouth Model # 12-314 Wall Hung | 5 | 10% | 6 | EA | \$736.00 | \$4,048 | Plum | \$125 | 3.00 | 17 | \$2,063 | \$1,111.00 | \$6,111 | |
| 15 | P-3: Drinking Fountain | 4 | 10% | 4 | EA | \$2,580.00 | \$11,352 | Plum | \$125 | 8.00 | 35 | \$4,400 | \$3,580.00 | \$15,752 | |
| 16 | P-4: Shower, Mfr: Fiat, Model: ADAF 6030 High Gloss Del Coat Shower Floor | 17 | 10% | 19 | EA | \$1,650.00 | \$30,855 | Plum | \$125 | 5.00 | 94 | \$11,688 | \$2,275.00 | \$42,543 | |
| 17 | P-5: Kitchen Sink, Faucet olympia Model: K-4161B Elite Single Metal Lever Handle | 11 | 10% | 12 | EA | \$834.00 | \$10,091 | Plum | \$125 | 3.50 | 42 | \$5,294 | \$1,271.50 | \$15,385 | |
| 18 | P-6: Rooftop Sink | 1 | 10% | 1 | EA | \$640.00 | \$704 | Plum | \$125 | 3.00 | 3 | \$413 | \$1,015.00 | \$1,117 | |
| 19 | P-7: Washer Box, MFR: Oatey, Model: Quadro W/ Shock Arrestor | 12 | 10% | 13 | EA | \$295.00 | \$3,894 | Plum | \$125 | 1.00 | 13 | \$1,650 | \$420.00 | \$5,544 | |
| 20 | SP-1: Duplex Sump Pump, MFR: Weil Pump, 1411, 2" Discharge, 1/2" Solids, 3'-0"Diax5'-0"Deep Fibreglass Basin | 1 | 10% | 1 | EA | \$1,480.00 | \$1,628 | Plum | \$125 | 8.00 | 9 | \$1,100 | \$2,480.00 | \$2,728 | |
| 21 | 2"FDW/FG-Floor Drain, J.R Smith Series 2110, 8-1/2" Round Medium Duty Drain w/ Trap Guard ASSE 1072 | 10 | 10% | 11 | EA | \$360.00 | \$3,960 | Plum | \$125 | 1.50 | 17 | \$2,063 | \$547.50 | \$6,023 | |
| 22 | 3"FD-Floor Drain, J.R Smith Series 205A | 4 | 10% | 4 | EA | \$425.00 | \$1,700 | Plum | \$125 | 2.00 | 9 | \$1,100 | \$675.00 | \$2,970 | |
| 23 | 3"FDW/FG-Floor Drain, J.R Smith Series 2110, 8-1/2" Round Medium Duty Drain w/ Trap Guard ASSE 1072 | 5 | 10% | 6 | EA | \$425.00 | \$2,338 | Plum | \$125 | 2.00 | 11 | \$1,375 | \$675.00 | \$3,713 | |
| 24 | 3"OSD W/TP-Open Site Drain-w/ Trap Primer ASSE 1072 | 3 | 10% | 3 | EA | \$480.00 | \$1,584 | Plum | \$125 | 2.00 | 7 | \$825 | \$730.00 | \$2,409 | |
| 25 | AAV: Air Admittance Valve, MFR: Oatey, Model: ASSE 1050 & 1051 | 1 | 10% | 1 | EA | \$360.00 | \$396 | Plum | \$125 | 2.00 | 2 | \$275 | \$610.00 | \$671 | |
| 26 | Back Flow Preventor | 1 | 10% | 1 | EA | \$325.00 | \$358 | Plum | \$125 | 1.50 | 2 | \$206 | \$512.50 | \$564 | |
| 27 | BACK FLOW PREVENTOR DUAL CHECK VALVE W/ DETECTOR CHECK MTR | 1 | 10% | 1 | EA | \$520.00 | \$572 | Plum | \$125 | 2.00 | 2 | \$275 | \$770.00 | \$847 | |
| 28 | EW-H: Electric Water Heater, MFR: A.O Smith, Model: ENT-30, 30Gallon, 4.5KW | 4 | 10% | 4 | EA | \$3,080.00 | \$13,552 | Plum | \$125 | 10.00 | 44 | \$5,500 | \$4,300.00 | \$19,052 | |
| 29 | EW-H-3: Tankless Pont Of Use, MFR: Chromomite, Model: CM40L/280V W/MFG Locakable Disconnect Switch NEMA 4x #2095-1 | 1 | 10% | 1 | EA | \$2,580.00 | \$2,838 | Plum | \$125 | 8.00 | 9 | \$1,100 | \$3,580.00 | \$3,938 | |
| 30 | GPR-1: Gas Pressure Regulator, MFR: Maxitrol Line Pressure, Model: 325-5L-B With Outdoor Vent Protector #13A15-5 | 1 | 10% | 1 | EA | \$360.00 | \$396 | Plum | \$125 | 1.50 | 2 | \$206 | \$547.50 | \$602 | |
| 31 | HB-1: Hose Bib | 2 | 10% | 2 | EA | \$100.00 | \$220 | Plum | \$125 | 1.00 | 2 | \$275 | \$225.00 | \$495 | |
| 32 | HWRP-2: Hot Water Circulation Pump, MFR: TACO, Model: 0014 With Aquastat & Time Clock | 2 | 10% | 2 | EA | \$1,890.00 | \$4,158 | Plum | \$125 | 8.00 | 18 | \$2,200 | \$2,890.00 | \$6,358 | |
| 33 | IMB-1: ICE Maker Box, MFR: OATEY, Model: 12K With Shock Arrestor | 1 | 10% | 1 | EA | \$180.00 | \$198 | Plum | \$125 | 1.00 | 1 | \$138 | \$305.00 | \$336 | |
| 34 | RD-1: 4" Roof Drain, MFR: J.R Smith Series 2675 | 3 | 10% | 3 | EA | \$535.00 | \$1,766 | Plum | \$125 | 2.50 | 8 | \$1,031 | \$847.50 | \$2,797 | |
| 35 | AD-1: 4"Area Drain, MFR: J.R Smith Series 2140 Heavy Duty | 1 | 10% | 1 | EA | \$535.00 | \$589 | Plum | \$125 | 2.50 | 3 | \$344 | \$847.50 | \$932 | |
| Water Supply | | | | | | | | | | | | | | | |
| 36 | 1/2" Dia Cold Water Pipe | 896 | 10% | 986 | LF | \$3.36 | \$3,312 | Plum | \$125 | 0.09 | 98 | \$12,199 | \$15.74 | \$15,512 | |
| 37 | 3/4" Dia Cold Water Pipe | 174 | 10% | 191 | LF | \$5.54 | \$1,061 | Plum | \$125 | 0.10 | 20 | \$2,513 | \$18.67 | \$3,574 | |
| 38 | 1" Dia Cold Water Pipe | 72 | 10% | 80 | LF | \$7.80 | \$621 | Plum | \$125 | 0.18 | 9 | \$1,174 | \$22.55 | \$1,795 | |
| 39 | 1-1/4" Dia Cold Water Pipe | 312 | 10% | 343 | LF | \$9.65 | \$3,308 | Plum | \$125 | 0.13 | 47 | \$5,913 | \$26.90 | \$9,221 | |
| 40 | 1-1/2" Dia Cold Water Pipe | 277 | 10% | 305 | LF | \$11.90 | \$3,625 | Plum | \$125 | 0.15 | 47 | \$5,864 | \$31.15 | \$9,489 | |
| 41 | 2" Dia Cold Water Pipe | 176 | 10% | 193 | LF | \$16.34 | \$3,157 | Plum | \$125 | 0.19 | 37 | \$4,589 | \$40.09 | \$7,746 | |
| 42 | 1/2" Dia Hot Water Pipe | 807 | 10% | 887 | LF | \$3.36 | \$2,981 | Plum | \$125 | 0.09 | 88 | \$10,980 | \$15.74 | \$13,961 | |
| 43 | 3/4" Dia Hot Water Pipe | 178 | 10% | 195 | LF | \$5.54 | \$1,082 | Plum | \$125 | 0.10 | 21 | \$2,564 | \$18.67 | \$3,647 | |
| 44 | 1" Dia Hot Water Pipe | 83 | 10% | 91 | LF | \$7.80 | \$714 | Plum | \$125 | 0.18 | 11 | \$1,349 | \$22.55 | \$2,063 | |
| 45 | 1-1/4" Dia Hot Water Pipe | 41 | 10% | 45 | LF | \$9.65 | \$433 | Plum | \$125 | 0.13 | 6 | \$775 | \$26.90 | \$1,208 | |
| 46 | 1-1/2" Dia Hot Water Pipe | 59 | 10% | 65 | LF | \$11.90 | \$777 | Plum | \$125 | 0.15 | 10 | \$1,257 | \$31.15 | \$2,034 | |
| 47 | 1/2" Dia Hot Water Return Pipe | 198 | 10% | 217 | LF | \$3.36 | \$736 | Plum | \$125 | 0.09 | 0 | \$0 | \$0.00 | \$0 | |
| 48 | 3/4" Dia Hot Water Return Pipe | 112 | 10% | 123 | LF | \$5.54 | \$680 | Plum | \$125 | 0.10 | 13 | \$1,611 | \$18.67 | \$2,291 | |
| Sanitary Waste Pipe | | | | | | | | | | | | | | | |
| 49 | 1-1/2" Dia Sanitary Waste Pipe | 165 | 10% | 181 | LF | \$10.54 | \$1,912 | Plum | \$125 | 0.14 | 26 | \$3,219 | \$28.29 | \$5,131 | |
| 50 | 2" Dia Sanitary Waste Pipe | 642 | 10% | 706 | LF | \$15.32 | \$10,815 | Plum | \$125 | 0.16 | 113 | \$14,119 | \$35.32 | \$24,934 | |
| 51 | 2-1/2" Dia Sanitary Waste Pipe | 10 | 10% | 11 | LF | \$18.60 | \$203 | Plum | \$125 | 0.17 | 2 | \$322 | \$39.85 | \$435 | |
| 52 | 3" Dia Sanitary Waste Pipe | 932 | 10% | 1026 | LF | \$26.54 | \$27,217 | Plum | \$125 | 0.18 | 190 | \$23,715 | \$49.67 | \$50,932 | |
| 53 | 4" Dia Sanitary Waste Pipe | 377 | 10% | 415 | LF | \$40.90 | \$16,965 | Plum | \$125 | 0.21 | 87 | \$10,888 | \$67.15 | \$27,853 | |
| 54 | 6" Dia Sanitary Waste Pipe | 28 | 10% | 31 | LF | \$55.36 | \$1,705 | Plum | \$125 | 0.24 | 7 | \$924 | \$85.36 | \$2,629 | |
| Vent Pipe | | | | | | | | | | | | | | | |
| 55 | 1-1/2" Dia Vent Pipe | 415 | 10% | 456 | LF | \$10.54 | \$4,806 | Plum | \$125 | 0.14 | 65 | \$8,093 | \$28.29 | \$12,899 | |
| 56 | 2" Dia Vent Pipe | 355 | 10% | 391 | LF | \$15.32 | \$5,984 | Plum | \$125 | 0.16 | 63 | \$7,813 | \$35.32 | \$13,797 | |
| 57 | 3" Dia Vent Pipe | 525 | 10% | 577 | LF | \$26.54 | \$15,322 | Plum | \$125 | 0.18 | 107 | \$13,351 | \$49.67 | \$28,673 | |
| 58 | 4" Dia Vent Pipe | 80 | 10% | 88 | LF | \$40.90 | \$3,599 | Plum | \$125 | 0.21 | 18 | \$2,310 | \$67.15 | \$5,909 | |
| Storm Drain | | | | | | | | | | | | | | | |
| 59 | 4" Dia Storm Drain | 398 | 10% | 438 | LF | \$40.90 | \$17,896 | Plum | \$125 | 0.21 | 92 | \$11,486 | \$67.15 | \$29,382 | |
| 60 | 6" Dia Storm Drain | 80 | 10% | 88 | LF | \$55.36 | \$4,863 | Plum | \$125 | 0.24 | 21 | \$2,635 | \$85.36 | \$7,498 | |
| 61 | 3" Dia Planter Drain | 75 | 10% | 82 | LF | \$26.54 | \$2,186 | Plum | \$125 | 0.18 | 15 | \$1,905 | \$49.67 | \$4,091 | |
| Fire Protection | | | | | | | | | | | | | | | |
| 62 | 2" Dia Fire Protection Line | 35 | 10% | 39 | LF | \$17.20 | \$664 | Plum | \$125 | 0.17 | 7 | \$844 | \$39.08 | \$1,508 | |
| 63 | 2-1/2" Fire Protection Pipe | 8 | 10% | 9 | LF | \$21.30 | \$185 | Plum | \$125 | 0.19 | 2 | \$206 | \$45.05 | \$391 | |
| 64 | 4" Dia Fire Protection Pipe | 36 | 10% | 40 | LF | \$44.85 | \$1,776 | Plum | \$125 | 0.25 | 10 | \$1,238 | \$76.10 | \$3,014 | |
| 65 | 6" Dia Fire Protection Pipe | 234 | 10% | 257 | LF | \$59.36 | \$15,267 | Plum | \$125 | 0.30 | 77 | \$9,645 | \$96.86 | \$24,912 | |
| 66 | 2" Pre-Action Sprinkler Piping | 54 | 10% | 60 | LF | \$17.20 | \$1,025 | Plum | \$125 | 0.17 | 10 | \$1,303 | \$39.08 | \$2,328 | |
| Misc. | | | | | | | | | | | | | | | |
| 67 | 3/4" Dia Hose Bib | 2 | 0% | 2 | EA | \$100.00 | \$200 | Plum | \$125 | 0.50 | 1 | \$125 | \$162.50 | \$325 | |
| 68 | FDC | | | | | | | | | | | | | | |

| | | | | | | | | | | | | | | | |
|---------------------------------|--|-----|----|-----|----|---|--------------------|-----------------|-------|--------|-----------|--------------------|--------------------|-----------------|------------------|
| 117 | IU-8: Daiken Model # FTKB24AXVJU, 550 CFM, 80FDB/67WB Outdoor Unit | 1 | 0% | 1 | EA | \$2,660.00 | \$2,660 | Plum | \$125 | 14.000 | 14 | \$1,750 | \$4,410.00 | \$4,410 | |
| 118 | OU-1: Daiken Mael # RKB18AXVJU, 208V/1PH, 17 Seer/10.5 EER, 16.2MCA/20MFA | 1 | 0% | 1 | EA | \$2,480.00 | \$2,480 | Plum | \$125 | 14.000 | 14 | \$1,750 | \$4,230.00 | \$4,230 | |
| 119 | OU-2: Daiken Mael # RKB18AXVJU, 208V/1PH, 18 Seer/12.7 EER, 19.8 MCA/25MFA | 1 | 0% | 1 | EA | \$2,480.00 | \$2,480 | Plum | \$125 | 14.000 | 14 | \$1,750 | \$4,230.00 | \$4,230 | |
| 120 | OU-3: Daiken Mael # 4MXS36RMVJU, 208V/1PH, 17 Seer/9.2 EER, 23.9 MCA/25MFA | 1 | 0% | 1 | EA | \$2,480.00 | \$2,480 | Plum | \$125 | 14.000 | 14 | \$1,750 | \$4,230.00 | \$4,230 | |
| 121 | OU-4: Daiken Mael # RKB24AXVJU, 208V/1PH, 18 Seer/9.85 EER, 19.8 MCA/20MFA | 1 | 0% | 1 | EA | \$2,480.00 | \$2,480 | Plum | \$125 | 14.000 | 14 | \$1,750 | \$4,230.00 | \$4,230 | |
| 122 | OU-5: Daiken Mael # 4MXS36RMVJU, 208V/1PH, 17 Seer/9.2 EER, 23.5 MCA/25MFA | 1 | 0% | 1 | EA | \$2,480.00 | \$2,480 | Plum | \$125 | 14.000 | 14 | \$1,750 | \$4,230.00 | \$4,230 | |
| 123 | OU-6: Daiken Mael # 4MXS36RMVJU, 208V/1PH, 18.9 Seer/12.7 EER, 21.9 MCA/20MFA | 1 | 0% | 1 | EA | \$2,480.00 | \$2,480 | Plum | \$125 | 14.000 | 14 | \$1,750 | \$4,230.00 | \$4,230 | |
| 124 | OU-7: Daiken Mael # RKB18AXVJU, 208V/1PH, 18 Seer/12.7 EER, 21.9 MCA/25MFA | 1 | 0% | 1 | EA | \$2,480.00 | \$2,480 | Plum | \$125 | 14.000 | 14 | \$1,750 | \$4,230.00 | \$4,230 | |
| 125 | OU-8: Daiken Mael # RKB24AXVJU, 208V/1PH, 17 Seer/10.5 EER, 16.2 MCA/20MFA | 1 | 0% | 1 | EA | \$2,480.00 | \$2,480 | Plum | \$125 | 14.000 | 14 | \$1,750 | \$4,230.00 | \$4,230 | |
| Ventilation/Exhaust Fan: | | | | | | | | | | | | | | | |
| 126 | EF-1: Greenheck Model No. Delta Breeze SLM 80, 13W, 1070 RPM, 65CFM | 18 | 0% | 18 | EA | \$145.00 | \$2,610 | Plum | \$125 | 0.800 | 14 | \$1,800 | \$245.00 | \$4,410 | |
| 127 | EF-2: Greenheck Model No. Delta Breeze SLM 100, 17W, 1100 RPM, 85CFM | 2 | 0% | 2 | EA | \$170.00 | \$340 | Plum | \$125 | 0.900 | 2 | \$225 | \$282.50 | \$565 | |
| Roof Top AC | | | | | | | | | | | | | | | |
| 128 | DOAS-1: MFR: AAOB RN-013, 1900CFM, Total MBH:151.1, 208V/3PH/70MCA/90MOP | 1 | 0% | 1 | EA | \$4,480.00 | \$4,480 | Plum | \$125 | 12.000 | 12 | \$1,500 | \$5,980.00 | \$5,980 | |
| Heater | | | | | | | | | | | | | | | |
| 129 | WH-1: Electric Unit Heater, 120V/1PH, QMARK Model # AWH3150F | 4 | 0% | 4 | EA | \$3,220.00 | \$12,880 | Plum | \$125 | 10.000 | 40 | \$5,000 | \$4,470.00 | \$17,880 | |
| Grille | | | | | | | | | | | | | | | |
| 130 | 18"x10" Air Grille | 2 | 0% | 2 | EA | \$226.00 | \$452 | Plum | \$125 | 0.900 | 2 | \$225 | \$338.50 | \$677 | |
| Misc | | | | | | | | | | | | | | | |
| 131 | VHP-1: Vertical Thru The Wall HP Air Conditioning Unit, Model No. VTHP, 400 CFM, CLG/HTG 11.4/10.5 | 6 | 0% | 6 | EA | \$1,465.00 | \$8,790 | Plum | \$125 | 6.000 | 36 | \$4,500 | \$2,215.00 | \$13,290 | |
| 132 | VHP-2: Vertical Thru The Wall HP Air Conditioning Unit, Model No. VTHP, 580 CFM, CLG/HTG 11.4/19.5 | 8 | 0% | 8 | EA | \$1,675.00 | \$13,400 | Plum | \$125 | 7.000 | 56 | \$7,000 | \$2,550.00 | \$20,400 | |
| Supply Air Register | | | | | | | | | | | | | | | |
| 133 | SR-1: Min/Max CFM: 1/75, Size: 6x6, Approved Equal: TITUS 300 RL | 5 | 0% | 5 | EA | \$154.00 | \$770 | Plum | \$125 | 0.700 | 4 | \$438 | \$241.50 | \$1,208 | |
| 134 | SR-2: Min/Max CFM: 76/150, Size: 12x4, Approved Equal: TITUS 300 RL | 34 | 0% | 34 | EA | \$222.00 | \$7,548 | Plum | \$125 | 0.950 | 32 | \$4,038 | \$340.75 | \$11,586 | |
| 135 | SR-3: Min/Max CFM: 151/300, Size: 12x6, Approved Equal: TITUS 300 RL | 4 | 0% | 4 | EA | \$240.00 | \$960 | Plum | \$125 | 0.980 | 4 | \$490 | \$362.50 | \$1,450 | |
| Allowances | | | | | | | | | | | | | | | |
| 136 | Provide Allowances for HVAC | 1 | 0% | 1 | LS | \$40,000.00 | \$40,000 | Mech | \$125 | 40.000 | 40 | \$5,000 | \$45,000.00 | \$45,000 | |
| | | | | | | Subtotal (Heating, Ventilating & Air-Conditioning) | \$40,000.00 | \$40,000 | | | 40 | \$5,000 | \$45,000.00 | \$45,000 | |
| | | | | | | TOTAL MAT COST: | \$159,968 | | | | | LABOR COST: | \$90,446 | | \$250,414 |
| DIVISION 26- ELECTRICAL | | | | | | | | | | | | | | | |
| Outlets & Switches | | | | | | | | | | | | | | | |
| 137 | Duplex Receptacle 20A/125V/3W | 165 | 0% | 165 | EA | \$20.00 | \$3,300 | Elec | \$125 | 0.550 | 91 | \$11,344 | \$88.75 | \$14,644 | |
| 138 | Weather Proof Duplex Receptacle 20A/125V/3W | 7 | 0% | 7 | EA | \$80.00 | \$560 | Elec | \$125 | 0.296 | 2 | \$259 | \$117.00 | \$819 | |
| 139 | GFCI Duplex Receptacle 20A/125V/3W | 54 | 0% | 54 | EA | \$62.00 | \$3,348 | Elec | \$125 | 0.296 | 16 | \$1,998 | \$99.00 | \$5,346 | |
| 140 | Quadplex Receptacle 20A/125V/3W | 1 | 0% | 1 | EA | \$40.00 | \$40 | Elec | \$125 | 0.750 | 1 | \$94 | \$133.75 | \$134 | |
| 141 | Special Receptacle, NEMA | 6 | 0% | 6 | EA | \$65.00 | \$390 | Elec | \$125 | 1.501 | 9 | \$1,126 | \$252.63 | \$1,516 | |
| 142 | Single Pole Lighting Switch | 95 | 0% | 95 | EA | \$20.00 | \$1,900 | Elec | \$125 | 0.500 | 48 | \$5,938 | \$82.50 | \$7,838 | |
| 143 | FS: Sprinkler Flow Switch Connection | 4 | 0% | 4 | EA | \$90.00 | \$360 | Elec | \$125 | 1.000 | 4 | \$500 | \$215.00 | \$860 | |
| 144 | TS: Sprinkler Tamper Switch Connection | 6 | 0% | 6 | EA | \$90.00 | \$540 | Elec | \$125 | 1.000 | 6 | \$750 | \$215.00 | \$1,290 | |
| 145 | Motor Connection | 20 | 0% | 20 | EA | \$75.00 | \$1,500 | Elec | \$125 | 0.850 | 17 | \$2,125 | \$181.25 | \$3,625 | |
| 146 | Motor Rated Toggle Switch | 20 | 0% | 20 | EA | \$38.00 | \$760 | Elec | \$125 | 0.800 | 16 | \$2,000 | \$138.00 | \$2,760 | |
| 147 | Disconnect Switch | 36 | 0% | 36 | EA | \$150.00 | \$5,400 | Elec | \$125 | 1.000 | 36 | \$4,500 | \$275.00 | \$9,900 | |
| 148 | Waterproof Disconnect Switch | 10 | 0% | 10 | EA | \$180.00 | \$1,800 | Elec | \$125 | 1.200 | 12 | \$1,500 | \$330.00 | \$3,300 | |
| 149 | Junction Box | 7 | 0% | 7 | EA | \$75.00 | \$525 | Elec | \$125 | 1.000 | 7 | \$875 | \$200.00 | \$1,400 | |
| 150 | Junction Box For Dishwasher Connection | 16 | 0% | 16 | EA | \$75.00 | \$1,200 | Elec | \$125 | 1.000 | 16 | \$2,000 | \$200.00 | \$3,200 | |
| Detectors | | | | | | | | | | | | | | | |
| 151 | Smoke Detector | 19 | 0% | 19 | EA | \$300.00 | \$5,700 | Elec | \$125 | 1.500 | 29 | \$3,563 | \$487.50 | \$9,263 | |
| Alarm | | | | | | | | | | | | | | | |
| 152 | AV: Wall Mounted Audio & Visual Fire Alarm | 23 | 0% | 23 | EA | \$245.00 | \$5,635 | Elec | \$125 | 1.500 | 35 | \$4,313 | \$432.50 | \$9,948 | |
| 153 | V: Wall Mounted Visual Fire Alarm | 18 | 0% | 18 | EA | \$210.00 | \$3,780 | Elec | \$125 | 1.500 | 27 | \$3,375 | \$397.50 | \$7,155 | |
| 154 | Se: Ceiling Mounted Fire Alarm Smoke Detector | 5 | 0% | 5 | EA | \$300.00 | \$1,500 | Elec | \$125 | 1.500 | 8 | \$938 | \$487.50 | \$2,438 | |
| 155 | H: Ceiling Mounted Fire Alarm Heat Detector | 2 | 0% | 2 | EA | \$150.00 | \$300 | Elec | \$125 | 1.000 | 2 | \$250 | \$275.00 | \$550 | |
| 156 | F: Fire Alarm Manual Push | 4 | 0% | 4 | EA | \$136.00 | \$544 | Elec | \$125 | 1.000 | 4 | \$500 | \$261.00 | \$1,044 | |
| Sensor & TV | | | | | | | | | | | | | | | |
| 157 | OS: Dual Technology Occupancy Sensor | 47 | 0% | 47 | EA | \$180.00 | \$8,460 | Elec | \$125 | 1.231 | 58 | \$7,232 | \$333.88 | \$15,692 | |
| 158 | TV | 4 | 0% | 4 | EA | \$900.00 | \$3,600 | Elec | \$125 | 3.000 | 12 | \$1,500 | \$1,275.00 | \$5,100 | |
| Lighting | | | | | | | | | | | | | | | |
| 159 | A: 4" Down Light, MFR: Lithonia Lighting, Catalog No. 4BEMW, 10W | 89 | 0% | 89 | EA | \$145.00 | \$12,905 | Elec | \$125 | 1.000 | 89 | \$11,125 | \$270.00 | \$24,030 | |
| 160 | B: 4" Down Light, MFR: Lithonia Lighting, Catalog No. 4BEMW, 10W | 22 | 0% | 22 | EA | \$145.00 | \$3,190 | Elec | \$125 | 1.000 | 22 | \$2,750 | \$270.00 | \$5,940 | |
| 161 | D: 6" Down Light, MFR: Nora Lighting, Catalog No. NELOCAC-6RP-930W, 12W | 16 | 0% | 16 | EA | \$160.00 | \$2,560 | Elec | \$125 | 1.000 | 16 | \$2,000 | \$285.00 | \$4,560 | |
| 162 | E1: Exit Light, PQ Lighting, Catalog No. #82208, 2W | 28 | 0% | 28 | EA | \$132.00 | \$3,696 | Elec | \$125 | 1.000 | 28 | \$3,500 | \$257.00 | \$7,196 | |
| 163 | E2: Battery Pack, PQ Lighting, Catalog No. #82257, 1W | 44 | 0% | 44 | EA | \$125.00 | \$5,500 | Elec | \$125 | 0.850 | 37 | \$4,675 | \$231.25 | \$10,175 | |
| 164 | E3: Exit Combo Light, MFR: Lithonia, Catalog No. #WLTG, 4W | 1 | 0% | 1 | EA | \$140.00 | \$140 | Elec | \$125 | 1.000 | 1 | \$125 | \$265.00 | \$265 | |
| 165 | F: Downlight, MFR: PQ Lighting, Catalog No. #83884, 15W | 30 | 0% | 30 | EA | \$154.00 | \$4,620 | Elec | \$125 | 1.000 | 30 | \$3,750 | \$279.00 | \$8,370 | |
| 166 | G: Stairway Wall Mounted, MFR: Lithonia Lighting, Catalog No. BLWP2-TUWH-PROR, 30W | 32 | 0% | 32 | EA | \$175.00 | \$5,600 | Elec | \$125 | 1.500 | 48 | \$6,000 | \$362.50 | \$11,600 | |
| 167 | H: Vanity Above Mirror, MFR: RP Lighting, Catalog No. 4907-24-120V-3000K-90CRI | 2 | 0% | 2 | EA | \$166.00 | \$332 | Elec | \$125 | 1.250 | 3 | \$313 | \$322.25 | \$645 | |
| 168 | J: Wall Sconce-Closet, MFR: Lithonia Lighting, Catalog No. FMMCL 840 S1, 10W | 15 | 0% | 15 | EA | \$170.00 | \$2,550 | Elec | \$125 | 1.500 | 23 | \$2,813 | \$357.50 | \$5,363 | |
| 169 | K: Wall Sconce, MFR: Lithonia Lighting, Catalog No. ABERDALE, 24W | 17 | 0% | 17 | EA | \$180.00 | \$3,060 | Elec | \$125 | 1.500 | 26 | \$3,188 | \$367.50 | \$6,248 | |
| 170 | M1: Decorative Pendant, 40W, TBD | 4 | 0% | 4 | EA | \$220.00 | \$880 | Elec | \$125 | 2.000 | 8 | \$1,000 | \$470.00 | \$1,880 | |
| 171 | M2: Decorative Pendant, MFR: Lithonia Lighting, Catalog No. Ferros Mini Pendant, 13W | 3 | 0% | 3 | EA | \$185.00 | \$555 | Elec | \$125 | 2.000 | 6 | \$750 | \$435.00 | \$1,305 | |
| 172 | M3: Kitchen Island, 60W, TBD | 1 | 0% | 1 | EA | \$245.00 | \$245 | Elec | \$125 | 2.000 | 2 | \$250 | \$495.00 | \$495 | |
| 173 | N: 1x3 LED Utility Rooms, MFR: Cooper Lighting, Catalog No. 4VRVT2-LD5-4-DR-UNV-VT2, 30W | 7 | 0% | 7 | EA | \$180.00 | \$1,260 | Elec | \$125 | 1.500 | 11 | \$1,313 | \$367.50 | \$2,573 | |
| 174 | P: Track Light Heads, MFR: Lithonia Lighting, Catalog No. LTFSTCYL-3H | 49 | 0% | 49 | EA | \$165.00 | \$8,085 | Elec | \$125 | 1.200 | 59 | \$7,350 | \$315.00 | \$15,435 | |
| 175 | X1: Exterior In Ground, MFR: Cascade Lighting, Model NO. #16227, 10W | 1 | 0% | 1 | EA | \$150.00 | \$150 | Elec | \$125 | 1.000 | 1 | \$125 | \$275.00 | \$275 | |
| 176 | X2: Exterior Ceiling, MFR: Lithonia Lighting, Catalog No. CNYLED PI 40K MVOLT DDM4, 35W | 5 | 0% | 5 | EA | \$190.00 | \$950 | Elec | \$125 | 1.000 | 5 | \$625 | \$315.00 | \$1,575 | |
| 177 | X3: Bollard, MFR: Lithonia Lighting, Catalog No. RADB LED P3 30K ASY MVOLT DDBM4, 13W | 3 | 0% | 3 | EA | \$175.00 | \$525 | Elec | \$125 | 1.500 | 5 | \$563 | \$362.50 | \$1,088 | |
| 178 | X4: Exterior Wall Sconce, MFR: Lithonia Lighting, Catalog No. WDG2 LED P4 40K 70CRI TFTM, 47W | 5 | 0% | 5 | EA | \$222.00 | \$1,110 | Elec | \$125 | 1.500 | 8 | \$938 | \$409.50 | \$2,048 | |
| 179 | X5: Exterior Wall Sconce, MFR: Lithonia Lighting, Catalog No. OWP LED 40X 120 PE DCB, 13W | 1 | 0% | 1 | EA | \$180.00 | \$180 | Elec | \$125 | 1.500 | 2 | \$188 | \$367.50 | \$368 | |
| Panels | | | | | | | | | | | | | | | |
| 180 | Panel 'P1', 120/240V, 1Ph, 3W, 100A MCB | 1 | 0% | 1 | EA | \$1,675.00 | \$1,675 | Elec | \$125 | 15.094 | 15 | \$1,887 | \$3,561.75 | \$3,562 | |
| 181 | Panel 'P2', 120/240V, 1Ph, 3W, 100A MCB | 1 | 0% | 1 | EA | \$1,675.00 | \$1,675 | Elec | \$125 | 15.094 | 15 | \$1,887 | \$3,561.75 | \$3,562 | |
| 182 | Panel 'P3', 120/240V, 1Ph, 3W, 100A MCB | 1 | 0% | 1 | EA | \$1,675.00 | | | | | | | | | |