



275 Park Avenue Suite A Brooklyn, NY 11205

|                                                   |                                                                                                                                                           |          |         |                  |      |           |      |               |            |       |      | LABOR RATE  |            | \$ 75      |
|---------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------|----------|---------|------------------|------|-----------|------|---------------|------------|-------|------|-------------|------------|------------|
| SR. NO.                                           | DESCRIPTION                                                                                                                                               | QUANTITY | WASTAGE | QTY WITH WASTAGE | UNIT | UNIT COST | UNIT | MATERIAL COST | LABOR RATE | LABOR | UNIT | TOTAL LABOR | LABOR COST | TOTAL COST |
| NEW WORK                                          |                                                                                                                                                           |          |         |                  |      |           |      |               |            |       |      |             |            |            |
| DISTRIBUTION                                      |                                                                                                                                                           |          |         |                  |      |           |      |               |            |       |      |             |            |            |
|                                                   |                                                                                                                                                           |          |         |                  |      |           |      |               |            |       |      |             |            |            |
|                                                   | PANELS                                                                                                                                                    |          |         |                  |      |           |      |               |            |       |      |             |            |            |
| 1                                                 | ECP-500 Utility Control Panel                                                                                                                             | 1        | 0%      | 1                | EA   |           |      | \$ -          | \$ 75      |       |      | -           | \$ -       | \$ -       |
| 2                                                 | ECP 600 Dock doors Controller Panel                                                                                                                       | 1        | 0%      | 1                | EA   |           |      | \$ -          | \$ 75      |       |      | -           | \$ -       | \$ -       |
| 3                                                 | ECP 800 Injection Area Control Panel 480VAC/3P, 60HZ 25KAIC<br>84x40x18" HD FREE STANDING DISCONNECT ENCLOSURE, TYPE 12, ANSI 61 FINISH, PANEL INCLUDED   | 1        | 0%      | 1                | EA   |           |      | \$ -          | \$ 75      |       |      | -           | \$ -       | \$ -       |
| 4                                                 | ECP-911 Filler Area#1 Control Panel: 480VAC, 3P, 60Hz, 25KAIC<br>84x40x18" HD FREE STANDING DISCONNECT ENCLOSURE, TYPE 12, ANSI 61 FINISH, PANEL INCLUDED | 1        | 0%      | 1                | EA   |           |      | \$ -          | \$ 75      |       |      | -           | \$ -       | \$ -       |
|                                                   |                                                                                                                                                           |          |         |                  |      |           |      |               |            |       |      |             |            |            |
| INSTRUMENTATION DEVICES (ONLY INSTALLATION BY EC) |                                                                                                                                                           |          |         |                  |      |           |      |               |            |       |      |             |            |            |
|                                                   |                                                                                                                                                           |          |         |                  |      |           |      |               |            |       |      |             |            |            |
|                                                   | DEVICES                                                                                                                                                   |          |         |                  |      |           |      |               |            |       |      |             |            |            |
| 5                                                 | 3"ON/OFF Control Valve<br>Normally Closed                                                                                                                 | 1        | 0%      | 1                | EA   |           |      | \$ -          | \$ 75      |       |      | -           | \$ -       | \$ -       |
| 6                                                 | 3"ON/OFF Control Valve Normal Open                                                                                                                        | 1        | 0%      | 1                | EA   |           |      | \$ -          | \$ 75      |       |      | -           | \$ -       | \$ -       |
| 7                                                 | 4"ON/OFF Control Valve Normal Closed                                                                                                                      | 1        | 0%      | 1                | EA   |           |      | \$ -          | \$ 75      |       |      | -           | \$ -       | \$ -       |
| 8                                                 | 6" Modulating Valve<br>Incoming City Water                                                                                                                | 1        | 0%      | 1                | EA   |           |      | \$ -          | \$ 75      |       |      | -           | \$ -       | \$ -       |
| 9                                                 | 6" Open/Close Valve<br>City Backwash To City Water Tank                                                                                                   | 1        | 0%      | 1                | EA   |           |      | \$ -          | \$ 75      |       |      | -           | \$ -       | \$ -       |
| 10                                                | 6" Oen/Close Valve<br>City Backwater To Drain                                                                                                             | 1        | 0%      | 1                | EA   |           |      | \$ -          | \$ 75      |       |      | -           | \$ -       | \$ -       |
| 11                                                | 6" Open/Close Valve<br>RO Flush Divert To City Water Tank                                                                                                 | 1        | 0%      | 1                | EA   |           |      | \$ -          | \$ 75      |       |      | -           | \$ -       | \$ -       |
| 12                                                | 6" Open/Close Valve<br>RO Flush Divert To Drain                                                                                                           | 1        | 0%      | 1                | EA   |           |      | \$ -          | \$ 75      |       |      | -           | \$ -       | \$ -       |
| 13                                                | Actuated Control valve (ON/OFF)<br>Chilled Water                                                                                                          | 1        | 0%      | 1                | EA   |           |      | \$ -          | \$ 75      |       |      | -           | \$ -       | \$ -       |
| 14                                                | Actuated Control valve (ON/OFF)<br>Process TowerWater                                                                                                     | 1        | 0%      | 1                | EA   |           |      | \$ -          | \$ 75      |       |      | -           | \$ -       | \$ -       |
| 15                                                | Actuated Control Valve 24 VDC<br>City Water Make-up                                                                                                       | 2        | 0%      | 2                | EA   |           |      | \$ -          | \$ 75      |       |      | -           | \$ -       | \$ -       |
| 16                                                | Actuated Control Valve 24VDC<br>Tower Blow Down                                                                                                           | 2        | 0%      | 2                | EA   |           |      | \$ -          | \$ 75      |       |      | -           | \$ -       | \$ -       |
| 17                                                | Actuated Control Valve Chilled Water (By-Pass)                                                                                                            | 4        | 0%      | 4                | EA   |           |      | \$ -          | \$ 75      |       |      | -           | \$ -       | \$ -       |

|    |                                                                               |   |    |   |    |  |  |      |       |  |  |   |      |      |
|----|-------------------------------------------------------------------------------|---|----|---|----|--|--|------|-------|--|--|---|------|------|
| 18 | ACTUATED CONTROL VALVE<br>CHILLED WATER (BY-PASS)                             | 2 | 0% | 2 | EA |  |  | \$ - | \$ 75 |  |  | - | \$ - | \$ - |
| 19 | City Water Incoming Flow Meter<br>Magnetic Flow Meter - Inline                | 1 | 0% | 1 | EA |  |  | \$ - | \$ 75 |  |  | - | \$ - | \$ - |
| 20 | DEW POINT TRANSMITTER HIGH PRESSURE COMPRESSED AIR                            | 1 | 0% | 1 | EA |  |  | \$ - | \$ 75 |  |  | - | \$ - | \$ - |
| 21 | DEW POINT TRANSMITTER LOW PRESSURE COMPRESSED AIR                             | 1 | 0% | 1 | EA |  |  | \$ - | \$ 75 |  |  | - | \$ - | \$ - |
| 22 | Flow and Temperature Transmitter (insertion)<br>Chilled Water System - Header | 1 | 0% | 1 | EA |  |  | \$ - | \$ 75 |  |  | - | \$ - | \$ - |
| 23 | Flow and Temperature Transmitter (Insertion)<br>CHW-R-IMM-001                 | 1 | 0% | 1 | EA |  |  | \$ - | \$ 75 |  |  | - | \$ - | \$ - |

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|    |                                                                                    |   |    |   |    |  |  |      |       |  |  |   |      |      |
|----|------------------------------------------------------------------------------------|---|----|---|----|--|--|------|-------|--|--|---|------|------|
| 24 | Flow and Temperature Transmitter (Insertion)<br>CHW-R-IMM-002                      | 1 | 0% | 1 | EA |  |  | \$ - | \$ 75 |  |  | - | \$ - | \$ - |
| 25 | Flow and Temperature Transmitter (Insertion)<br>CHW-R-IMM-003                      | 1 | 0% | 1 | EA |  |  | \$ - | \$ 75 |  |  | - | \$ - | \$ - |
| 26 | Flow and Temperature Transmitter (Insertion)<br>Process Tower Water System -Header | 1 | 0% | 1 | EA |  |  | \$ - | \$ 75 |  |  | - | \$ - | \$ - |
| 27 | Flow and Temperature Transmitter (Insertion)<br>PTW-R-IMM-001                      | 1 | 0% | 1 | EA |  |  | \$ - | \$ 75 |  |  | - | \$ - | \$ - |
| 28 | Flow and Temperature Transmitter (Insertion)<br>PTW-R-IMM-002                      | 1 | 0% | 1 | EA |  |  | \$ - | \$ 75 |  |  | - | \$ - | \$ - |
| 29 | Flow and Temperature Transmitter (Insertion)<br>PTW-R-IMM-003                      | 1 | 0% | 1 | EA |  |  | \$ - | \$ 75 |  |  | - | \$ - | \$ - |
| 30 | Flow Meter (Totalizer)<br>City Water Make-Up                                       | 3 | 0% | 3 | EA |  |  | \$ - | \$ 75 |  |  | - | \$ - | \$ - |
| 31 | Flow Meter (Totalizer)<br>Tower Blow Down                                          | 2 | 0% | 2 | EA |  |  | \$ - | \$ 75 |  |  | - | \$ - | \$ - |
| 32 | Flow Switch<br>Chilled Water - return                                              | 1 | 0% | 1 | EA |  |  | \$ - | \$ 75 |  |  | - | \$ - | \$ - |
| 33 | Flow Switch<br>Process Water System - return                                       | 1 | 0% | 1 | EA |  |  | \$ - | \$ 75 |  |  | - | \$ - | \$ - |
| 34 | Flow Meter<br>HIGH PRESSURE COMPRESSED AIR                                         | 1 | 0% | 1 | EA |  |  | \$ - | \$ 75 |  |  | - | \$ - | \$ - |
| 35 | Flow Meter<br>HIGH PRESSURE COMPRESSED AIR                                         | 1 | 0% | 1 | EA |  |  | \$ - | \$ 75 |  |  | - | \$ - | \$ - |
| 36 | Flow Meter<br>LOW PRESURE COMPRESSED AIR                                           | 1 | 0% | 1 | EA |  |  | \$ - | \$ 75 |  |  | - | \$ - | \$ - |
| 37 | Level transmitter - Sanitary<br>City Water Storage SILO Tank -7201                 | 1 | 0% | 1 | EA |  |  | \$ - | \$ 75 |  |  | - | \$ - | \$ - |
| 38 | Level transmitter - Sanitary<br>Drinking Water Storage SILO TNK-7411               | 1 | 0% | 1 | EA |  |  | \$ - | \$ 75 |  |  | - | \$ - | \$ - |
| 39 | Level Transmitter<br>Chilled Water System (Tank)                                   | 1 | 0% | 1 | EA |  |  | \$ - | \$ 75 |  |  | - | \$ - | \$ - |
| 40 | Level Transmitter<br>Tower Water System - Water Basin                              | 1 | 0% | 1 | EA |  |  | \$ - | \$ 75 |  |  | - | \$ - | \$ - |
| 41 | Level Transmitter<br>Process Tower Water System (Tank)                             | 1 | 0% | 1 | EA |  |  | \$ - | \$ 75 |  |  | - | \$ - | \$ - |
| 42 | Level Transmitter<br>Tower Water System-Tower Basin                                | 1 | 0% | 1 | EA |  |  | \$ - | \$ 75 |  |  | - | \$ - | \$ - |
| 43 | LINE#1 & 2 TEMPRATURE TRANSMITTER                                                  | 1 | 0% | 1 | EA |  |  | \$ - | \$ 75 |  |  | - | \$ - | \$ - |
| 44 | LINE#1 & 2<br>HUMIDITY TRANSMITTER                                                 | 1 | 0% | 1 | EA |  |  | \$ - | \$ 75 |  |  | - | \$ - | \$ - |
| 45 | Line#1 Area HMI Pedestal ECP 901                                                   | 1 | 0% | 1 | EA |  |  | \$ - | \$ 75 |  |  | - | \$ - | \$ - |
| 46 | LINE#1 BLOW MOLDER<br>DEWPOINT TRANSMITTER                                         | 1 | 0% | 1 | EA |  |  | \$ - | \$ 75 |  |  | - | \$ - | \$ - |
| 47 | LINE#1 BLOW MOLDER<br>TEMPRATURE TRANSMITTER                                       | 1 | 0% | 1 | EA |  |  | \$ - | \$ 75 |  |  | - | \$ - | \$ - |
| 48 | LINE#1 DRINKING WATER DELVEVERY<br>TEMPRATURE TRANSMITTER                          | 1 | 0% | 1 | EA |  |  | \$ - | \$ 75 |  |  | - | \$ - | \$ - |

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|----|-----------------------------------------------------------|---|----|---|----|--|--|------|-------|--|--|---|------|------|
| 49 | LINE#2 BLOW MOLDER TEMPERATURE TRANSMITTER                | 1 | 0% | 1 | EA |  |  | \$ - | \$ 75 |  |  | - | \$ - | \$ - |
| 50 | LINE#2 BLOW MOLDER<br>TEMPERATURE TRANSMITTER             | 1 | 0% | 1 | EA |  |  | \$ - | \$ 75 |  |  | - | \$ - | \$ - |
| 51 | LINE#2 DRINKING WATER DELIVERY<br>TEMPERATURE TRANSMITTER | 1 | 0% | 1 | EA |  |  | \$ - | \$ 75 |  |  | - | \$ - | \$ - |
| 52 | LINE#2<br>BLOW MOLDER REQUEST COOLING                     | 1 | 0% | 1 | EA |  |  | \$ - | \$ 75 |  |  | - | \$ - | \$ - |
| 53 | LINE#2<br>FOLLER CALL FOR WATER                           | 1 | 0% | 1 | EA |  |  | \$ - | \$ 75 |  |  | - | \$ - | \$ - |

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|----|-------------------------------------------------------------------------|---|----|---|----|--|--|------|-------|--|--|---|------|------|
| 54 | LINE#2<br>TO FILLER PRODUCT AVAILABLE                                   | 1 | 0% | 1 | EA |  |  | \$ - | \$ 75 |  |  | - | \$ - | \$ - |
| 55 | LP Air Flow Meter<br>Ingersol-Rand LPC Internal Panel                   | 1 | 0% | 1 | EA |  |  | \$ - | \$ 75 |  |  | - | \$ - | \$ - |
| 56 | LP Air Flow Meter<br>LPCA Header To Injection Only                      | 1 | 0% | 1 | EA |  |  | \$ - | \$ 75 |  |  | - | \$ - | \$ - |
| 57 | LP AIR FOLW METER<br>LPCA HEADER TP BLOW MOLFINING/FILLING              | 1 | 0% | 1 | EA |  |  | \$ - | \$ 75 |  |  | - | \$ - | \$ - |
| 58 | Modbus Communication                                                    | 5 | 0% | 5 | EA |  |  | \$ - | \$ 75 |  |  | - | \$ - | \$ - |
| 59 | MODLUTATING TEMPRATUE CONTROL<br>VALVE CHILLED WATER (BRIDLE LOOP)      | 1 | 0% | 1 | EA |  |  | \$ - | \$ 75 |  |  | - | \$ - | \$ - |
| 60 | Modulating Temeprature Control valve Chilled Water (Bridle Loop)        | 1 | 0% | 1 | EA |  |  | \$ - | \$ 75 |  |  | - | \$ - | \$ - |
| 61 | Modulating Temperature Control valve<br>Chilled Water (Bridle Loop)     | 2 | 0% | 2 | EA |  |  | \$ - | \$ 75 |  |  | - | \$ - | \$ - |
| 62 | MODULATING TEMPRATURE CONTROL VALVE<br>CHILLED WATER (BRIDLE LOOP)      | 1 | 0% | 1 | EA |  |  | \$ - | \$ 75 |  |  | - | \$ - | \$ - |
| 63 | Pressure Indicating Transmitter<br>City water Pump Skid                 | 1 | 0% | 1 | EA |  |  | \$ - | \$ 75 |  |  | - | \$ - | \$ - |
| 64 | PRESSURE TRANSMITTER AND SNUBBER<br>HIGH PRESSURE COMPRESSED AIR SYSTEM | 1 | 0% | 1 | EA |  |  | \$ - | \$ 75 |  |  | - | \$ - | \$ - |
| 65 | PRESSURE TRANSMITTER<br>CH2W-S-BMM-021                                  | 1 | 0% | 1 | EA |  |  | \$ - | \$ 75 |  |  | - | \$ - | \$ - |
| 66 | PRESSURE TRANSMITTER<br>CHW-S-BMM-011                                   | 1 | 0% | 1 | EA |  |  | \$ - | \$ 75 |  |  | - | \$ - | \$ - |
| 67 | PRESSURE TRANSMITTER<br>HPCA- BMM-011                                   | 1 | 0% | 1 | EA |  |  | \$ - | \$ 75 |  |  | - | \$ - | \$ - |
| 68 | PRESSURE TRANSMITTER<br>HPCA-BMM-021                                    | 1 | 0% | 1 | EA |  |  | \$ - | \$ 75 |  |  | - | \$ - | \$ - |
| 69 | Pressure Transmitter<br>Chilled Water System (Tank)                     | 1 | 0% | 1 | EA |  |  | \$ - | \$ 75 |  |  | - | \$ - | \$ - |
| 70 | Pressure Transmitter<br>CHW-S-IMM-001                                   | 1 | 0% | 1 | EA |  |  | \$ - | \$ 75 |  |  | - | \$ - | \$ - |
| 71 | Pressure Transmitter<br>CHW-S-IMM-002                                   | 1 | 0% | 1 | EA |  |  | \$ - | \$ 75 |  |  | - | \$ - | \$ - |
| 72 | Pressure Transmitter<br>CHW-S-IMM-003                                   | 1 | 0% | 1 | EA |  |  | \$ - | \$ 75 |  |  | - | \$ - | \$ - |
| 73 | Pressure Transmitter<br>City Water Supply Line                          | 1 | 0% | 1 | EA |  |  | \$ - | \$ 75 |  |  | - | \$ - | \$ - |
| 74 | Pressure Transmitter<br>Filler Car-1 Product Water                      | 1 | 0% | 1 | EA |  |  | \$ - | \$ 75 |  |  | - | \$ - | \$ - |
| 75 | Pressure Transmitter<br>Filler Car-2 Product Water                      | 1 | 0% | 1 | EA |  |  | \$ - | \$ 75 |  |  | - | \$ - | \$ - |
| 76 | Pressure Transmitter<br>Process Tower Water System -Header              | 1 | 0% | 1 | EA |  |  | \$ - | \$ 75 |  |  | - | \$ - | \$ - |
| 77 | Proximity Sensor<br>Batching Supply To CIP Skid                         | 1 | 0% | 1 | EA |  |  | \$ - | \$ 75 |  |  | - | \$ - | \$ - |

|    |                                                     |   |    |   |    |  |  |      |       |  |  |   |      |      |
|----|-----------------------------------------------------|---|----|---|----|--|--|------|-------|--|--|---|------|------|
| 78 | Proximity Sensor<br>Batching Supply To Mineral Grid | 1 | 0% | 1 | EA |  |  | \$ - | \$ 75 |  |  | - | \$ - | \$ - |
| 79 | Proximity sensor<br>Carbon Tower Ac-7222 Inlet      | 1 | 0% | 1 | EA |  |  | \$ - | \$ 75 |  |  | - | \$ - | \$ - |
| 80 | Proximity sensor<br>Carbon Tower Ac-7222 Inlet      | 1 | 0% | 1 | EA |  |  | \$ - | \$ 75 |  |  | - | \$ - | \$ - |
| 81 | Proximity sensor<br>Carbon Tower Ac-7222 Outlet     | 1 | 0% | 1 | EA |  |  | \$ - | \$ 75 |  |  | - | \$ - | \$ - |
| 82 | Proximity sensor<br>Carbon Tower Ac-7222 Outlet     | 1 | 0% | 1 | EA |  |  | \$ - | \$ 75 |  |  | - | \$ - | \$ - |

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[illegible]

|     |                                                                            |      |     |          |    |  |  |      |       |  |  |   |      |      |
|-----|----------------------------------------------------------------------------|------|-----|----------|----|--|--|------|-------|--|--|---|------|------|
| 106 | #18 CU THHN (Assumed the Wire size For Controls)                           | 3984 | 10% | 4382.004 | FT |  |  | \$ - | \$ 75 |  |  | - | \$ - | \$ - |
| 107 | #18 CU THHN                                                                | 12   | 10% | 13.2     | FT |  |  | \$ - | \$ 75 |  |  | - | \$ - | \$ - |
| 108 | Shielded #18 CU THHN                                                       | 42   | 10% | 46.2     | FT |  |  | \$ - | \$ 75 |  |  | - | \$ - | \$ - |
| 109 | #16 CU THHN                                                                | 292  | 10% | 321.53   | FT |  |  | \$ - | \$ 75 |  |  | - | \$ - | \$ - |
| 110 | #12 CU THHN                                                                | 298  | 10% | 327.844  | FT |  |  | \$ - | \$ 75 |  |  | - | \$ - | \$ - |
| 111 | #10 CU THHN                                                                | 73   | 10% | 80.3     | FT |  |  | \$ - | \$ 75 |  |  | - | \$ - | \$ - |
| 112 | #14 CU THHN (To Be wired and Installed By Control Panel Builder Installer) | 300  | 10% | 330      | FT |  |  | \$ - | \$ 75 |  |  | - | \$ - | \$ - |
| 113 | BELDEN 28334AS (Assumed Length)                                            | 71   | 10% | 77.671   | FT |  |  | \$ - | \$ 75 |  |  | - | \$ - | \$ - |

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|-----|-------------------------------------------------------------------------------------------------------------|-----|-----|---------|----|--|--|------|-------|--|--|---|------|------|
| 114 | BELDEN 3106A Cable                                                                                          | 134 | 10% | 146.883 | FT |  |  | \$ - | \$ 75 |  |  | - | \$ - | \$ - |
| 115 | Brown Prefab Cable                                                                                          | 4   | 10% | 4.664   | FT |  |  | \$ - | \$ 75 |  |  | - | \$ - | \$ - |
| 116 | CAT 6                                                                                                       | 483 | 10% | 531.289 | FT |  |  | \$ - | \$ 75 |  |  | - | \$ - | \$ - |
|     | <b>GROUNDING</b>                                                                                            |     |     |         |    |  |  |      |       |  |  |   |      |      |
| 117 | Power Flex 753 Drive Jumper                                                                                 | 8   | 0%  | 8       | EA |  |  | \$ - | \$ 75 |  |  | - | \$ - | \$ - |
| 118 | #14 AWG                                                                                                     | 20  | 0%  | 20.25   | FT |  |  | \$ - | \$ 75 |  |  | - | \$ - | \$ - |
|     | <b>DEVICES</b>                                                                                              |     |     |         |    |  |  |      |       |  |  |   |      |      |
| 119 | Humidity / Temperature Transmitter; Omega Part # EWS-RH                                                     | 1   | 0%  | 1       | EA |  |  | \$ - | \$ 75 |  |  | - | \$ - | \$ - |
| 120 | 6" Wx4"W Wireway                                                                                            | 3   | 0%  | 3       | FT |  |  | \$ - | \$ 75 |  |  | - | \$ - | \$ - |
| 121 | 6"Wx4"H Wireway                                                                                             | 7   | 0%  | 6.74    | FT |  |  | \$ - | \$ 75 |  |  | - | \$ - | \$ - |
| 122 | Wireway 3"Wx4"H Wireway                                                                                     | 12  | 0%  | 12.35   | FT |  |  | \$ - | \$ 75 |  |  | - | \$ - | \$ - |
| 123 | 2"Wx4"H Wireway                                                                                             | 3   | 0%  | 2.74    | FT |  |  | \$ - | \$ 75 |  |  | - | \$ - | \$ - |
| 124 | Ethernet IP Port/120VAC GFCI Receptacle, UI Type 4, 15amps<br>MFG: GRACEPORT<br>#P-R2-K3RF0                 | 1   | 0%  | 1       | EA |  |  | \$ - | \$ 75 |  |  | - | \$ - | \$ - |
| 125 | 13" EXHAUST GRILL, TYPE 12, COLOR: LIGHT GRAY, UV-RESISTANT<br>MFG: HOFFMAN<br># HG1300404                  | 1   | 0%  | 1       | EA |  |  | \$ - | \$ 75 |  |  | - | \$ - | \$ - |
| 126 | 13" Filtered Fan, Type 12, 484 Cfm, 120vac, Color: Light Gray<br>MFG: HOFFMAN<br># HF1316424                | 1   | 0%  | 1       | EA |  |  | \$ - | \$ 75 |  |  | - | \$ - | \$ - |
| 127 | 1492 Terminal Block Acessories: Partition Plate, Grey<br>MFG: AB<br>#1492-EBJ16                             | 9   | 0%  | 9       | EA |  |  | \$ - | \$ 75 |  |  | - | \$ - | \$ - |
| 128 | 15 Amp, 125vac, Nema 5-15p, 2-Pole, 3-Wire<br>MFG: LEVITON<br>#3W101-00E                                    | 1   | 0%  | 1       | EA |  |  | \$ - | \$ 75 |  |  | - | \$ - | \$ - |
| 129 | 1500VA/865W, 120VAC, Battery Backup Ups, 10 X Nema 5-15P<br>Outlets<br>MFG: APC<br>#BR1500G                 | 1   | 0%  | 1       | EA |  |  | \$ - | \$ 75 |  |  | - | \$ - | \$ - |
| 130 | 1756 Control Logix Ethernet / Ip Module, Usb Port, Rj45 Cable<br>Connector<br>MFG: AB<br>#1756-EN2T         | 1   | 0%  | 1       | EA |  |  | \$ - | \$ 75 |  |  | - | \$ - | \$ - |
| 131 | 1756 Control Logix Power Supply, INPUT VOLTAGE: 24 VDC, Output<br>Rating: 10A @ 5V<br>MFG: AB<br>#1756-PB72 | 1   | 0%  | 1       | EA |  |  | \$ - | \$ 75 |  |  | - | \$ - | \$ - |
| 132 | 1756 Control Logix RACK I/O, 7 SLOT CHASSIS<br>MFG: AB<br>#1756-A7                                          | 1   | 0%  | 1       | EA |  |  | \$ - | \$ 75 |  |  | - | \$ - | \$ - |
| 133 | 1756 Control Logix Slot Filler Card<br>MFG: AB<br>#1756-N2                                                  | 5   | 0%  | 5       | EA |  |  | \$ - | \$ 75 |  |  | - | \$ - | \$ - |

|     |                                                                                                                                                       |   |    |   |    |  |  |      |       |  |  |   |      |      |
|-----|-------------------------------------------------------------------------------------------------------------------------------------------------------|---|----|---|----|--|--|------|-------|--|--|---|------|------|
| 134 | 1756 SERIES, CONTROLLOGIX 5580 Controller, 1 Gb Ethernet Port, 1<br>Usb Port, 5mb User Memory, 4 Char. Alpha/Numeric Display<br>MFG: AB<br>#1756-L82E | 1 | 0% | 1 | EA |  |  | \$ - | \$ 75 |  |  | - | \$ - | \$ - |
| 135 | 18" X 18" Folding Shelf, White, 150 Lbs Load Rating<br>MFG: HOFFMAN<br># AASHLF1818                                                                   | 1 | 0% | 1 | EA |  |  | \$ - | \$ 75 |  |  | - | \$ - | \$ - |

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|-----|-----------------------------------------------------------------------------------------------------------------------------------------|---|----|---|----|--|--|------|-------|--|--|---|------|------|
| 136 | 30.5MM TYPE 4/4X Mom. Contact Pb, Non-Illum., Black, Flush Hd, 1 No, Finger Safe Guards<br>MFG: AB<br>#800H-AR2D1                       | 1 | 0% | 1 | EA |  |  | \$ - | \$ 75 |  |  | - | \$ - | \$ - |
| 137 | 30.5mm TYPE 4/4X/13 2 POS. PB-ILLUM., Push-Pull/Twist, Red, Mushrm Hd, Led, 12...130V AC/DC, 1 NCLB-1 NO<br>MFG: AB<br>#800H-FRXTQH2RA1 | 1 | 0% | 1 | EA |  |  | \$ - | \$ 75 |  |  | - | \$ - | \$ - |
| 138 | 32 GB, CLASS 2, SDHC Flash Memory Card<br>MFG: SCANDISK<br>#SDSDB-032G-B35                                                              | 1 | 0% | 1 | EA |  |  | \$ - | \$ 75 |  |  | - | \$ - | \$ - |
| 139 | 800F Legend Plate, 60mm Round, Universal, Yellow, Black Text "Emergency Stop"<br>MFG: AB<br>#800F-15YE112                               | 1 | 0% | 1 | EA |  |  | \$ - | \$ 75 |  |  | - | \$ - | \$ - |
| 140 | 800H Legend Plate, Standard, Reset, White<br>MFG: AB<br>#800H-W521                                                                      | 1 | 0% | 1 | EA |  |  | \$ - | \$ 75 |  |  | - | \$ - | \$ - |
| 141 | 855T Stack Light Base, Black Housing, Surface Mount, 1/2" Npt, Cap Included<br>MFG: AB<br>#855T-BCBC                                    | 1 | 0% | 1 | EA |  |  | \$ - | \$ 75 |  |  | - | \$ - | \$ - |
| 142 | Ab Stack Light Module, 70mm, Black Housing, 855t, Red, Steady Incandescent, 24vac/Dc<br>MFG: AB<br>#855T-B24DD4                         | 1 | 0% | 1 | EA |  |  | \$ - | \$ 75 |  |  | - | \$ - | \$ - |
| 143 | CB Acessory: Busbar, 1P, 80A, 12-Poles, UI 489<br>MFG: EATON<br># Z-SV/UL-16/1P-1TE/12                                                  | 1 | 0% | 1 | EA |  |  | \$ - | \$ 75 |  |  | - | \$ - | \$ - |
| 144 | CB Acessory: Busbar, 1P, 80A, 18-Poles, UI 489<br>MFG: EATON<br># Z-SV/UL-16/1P-1TE/18                                                  | 1 | 0% | 1 | EA |  |  | \$ - | \$ 75 |  |  | - | \$ - | \$ - |
| 145 | CB Acessory: Busbar, 1P, 80A, 6-Poles, UI 489<br>MFG: EATON<br># Z-SV/UL-16/1P-1TE/6                                                    | 2 | 0% | 2 | EA |  |  | \$ - | \$ 75 |  |  | - | \$ - | \$ - |
| 146 | Compact Duplex Receptacle W/ Led, 15a, Din Rail<br>MFG: WEIDMULLER<br>#6720005430                                                       | 1 | 0% | 1 | EA |  |  | \$ - | \$ 75 |  |  | - | \$ - | \$ - |
| 147 | Contact Block, Shallow Profile, 1 No, 1 NC<br>MFG: AB<br>#800TC-XA                                                                      | 2 | 0% | 2 | EA |  |  | \$ - | \$ 75 |  |  | - | \$ - | \$ - |
| 148 | Copper Ground Bar, 10 Taps<br>MFG: ILSCO<br>#D167-10                                                                                    | 5 | 0% | 5 | EA |  |  | \$ - | \$ 75 |  |  | - | \$ - | \$ - |
| 149 | DIN-RAIL MOUNTING ASSEMBLY<br>MFG: FIELDSEVER<br>#FS-8915-35-QS                                                                         | 1 | 0% | 1 | EA |  |  | \$ - | \$ 75 |  |  | - | \$ - | \$ - |

|     |                                                                                                                                             |    |    |    |    |  |  |      |       |  |  |   |      |      |
|-----|---------------------------------------------------------------------------------------------------------------------------------------------|----|----|----|----|--|--|------|-------|--|--|---|------|------|
| 150 | EC-supplied Humidity / Temperature Transmitter in the Injection Area, final location to be determined by Owner's Project Manager.           | 1  | 0% | 1  | EA |  |  | \$ - | \$ 75 |  |  | - | \$ - | \$ - |
| 151 | EC-supplied Wet Bulb Temperature Transmitters (Vaisala Part # HMT 330 3EOB1O1GCAC2O0B3CAABAA1, Mounting Kit and Rain Shield Part # DTR502B) | 2  | 0% | 2  | EA |  |  | \$ - | \$ 75 |  |  | - | \$ - | \$ - |
| 152 | End Anchor, Used W/ 35mm Din Rail<br>MFG: AB<br>#1492-EAJ35                                                                                 | 29 | 0% | 29 | EA |  |  | \$ - | \$ 75 |  |  | - | \$ - | \$ - |
| 153 | Ethernet/IP Software Driver For Fieldserver<br>MFG: FIELDSERVER<br>#FS-8704-14                                                              | 1  | 0% | 1  | EA |  |  | \$ - | \$ 75 |  |  | - | \$ - | \$ - |

Reckon Estimating

|     |                                                                                                                                                                           |    |    |    |    |  |  |      |       |  |  |   |      |      |
|-----|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----|----|----|----|--|--|------|-------|--|--|---|------|------|
| 154 | Flex 5000 I/O - Communication Adapter, 1GB Ethernet/IP, 2 RJ45 Ports, Supports Up To 8 I/O Modules<br>MFG: AB<br>#5094-AENTR                                              | 2  | 0% | 2  | EA |  |  | \$ - | \$ 75 |  |  | - | \$ - | \$ - |
| 155 | Flex 5000 I/O - Analog Input Module, Current/Voltage, 8-POINT<br>MFG: AB<br>#5094-IF8                                                                                     | 4  | 0% | 4  | EA |  |  | \$ - | \$ 75 |  |  | - | \$ - | \$ - |
| 156 | Flex 5000 I/O - Analog Input Module, Current/Voltage, 8-POINT<br>MFG: AB<br>#5094-IF8                                                                                     | 1  | 0% | 1  | EA |  |  | \$ - | \$ 75 |  |  | - | \$ - | \$ - |
| 157 | Flex 5000 I/O - ANALOG Output MODULE, Current/Voltage, 8-POINT<br>MFG: AB<br>#5094-OF8                                                                                    | 1  | 0% | 1  | EA |  |  | \$ - | \$ 75 |  |  | - | \$ - | \$ - |
| 158 | Flex 5000 I/O - Discrete Input Module, 24VDC, 16-POINT<br>MFG: AB<br>#5094-IB16                                                                                           | 4  | 0% | 4  | EA |  |  | \$ - | \$ 75 |  |  | - | \$ - | \$ - |
| 159 | Flex 5000 I/O - Discrete Output Module, 24VDC, 16-POINT<br>MFG: AB<br>#5094-OB16                                                                                          | 3  | 0% | 3  | EA |  |  | \$ - | \$ 75 |  |  | - | \$ - | \$ - |
| 160 | Flex 5000 I/O - Mounting Base<br>MFG: AB<br>#5094-MB                                                                                                                      | 13 | 0% | 13 | EA |  |  | \$ - | \$ 75 |  |  | - | \$ - | \$ - |
| 161 | Flex 5000 I/O - Shield Bar For Analog Modules, Wire Range: #22...#14 AWG, RATING: 300VAC, 10AMP<br>MFG: AB<br>#5094-STB                                                   | 6  | 0% | 6  | EA |  |  | \$ - | \$ 75 |  |  | - | \$ - | \$ - |
| 162 | Flex 5000 I/O -Removable Terminal Block<br>MFG: AB<br>#5094-RTB3                                                                                                          | 13 | 0% | 13 | EA |  |  | \$ - | \$ 75 |  |  | - | \$ - | \$ - |
| 163 | Group Marker Carrier For Terminal Blocks<br>MFG: AB<br>#1492-GM35                                                                                                         | 5  | 0% | 5  | EA |  |  | \$ - | \$ 75 |  |  | - | \$ - | \$ - |
| 164 | Guardmaster Expansion Module Safety Relay, 24VDC COIL, 4 NO, 1 NC AUX<br>MFG: AB<br># 40R-EM4R2                                                                           | 1  | 0% | 1  | EA |  |  | \$ - | \$ 75 |  |  | - | \$ - | \$ - |
| 165 | Guardmaster Safety Relay, 24VDC COIL, 3 NO, 1 NC<br>MFG: AB<br># 440R-S13R2                                                                                               | 1  | 0% | 1  | EA |  |  | \$ - | \$ 75 |  |  | - | \$ - | \$ - |
| 166 | Multi-Port Serial Protocol Gateway, Ports: 2 Ethernet / 5 Serial (2 x RJ45 RS-232 Galvanically Isolated, 2 x RS-485, 1 x RJ45 RS-232)<br>MFG: FIELDSEVER<br># FS-B3510-05 | 1  | 0% | 1  | EA |  |  | \$ - | \$ 75 |  |  | - | \$ - | \$ - |
| 167 | Panelview Plus 7 Performance Terminal, Touch Screen, 12", 24vdc, Ethernet/IP, Windows Ce Os License Pro<br>MFG: AB<br>#2711P-T12W22D9P                                    | 1  | 0% | 1  | EA |  |  | \$ - | \$ 75 |  |  | - | \$ - | \$ - |

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|-----|----------------------------------------------------------------------------------------------|---|----|---|----|--|--|------|-------|--|--|---|------|------|
| 168 | Plug-In Center Jumper - 50 Pole, Blue (Can Be Cut To Lenght)<br>MFG: AB<br>#1492-CJLJ5-50-BL | 3 | 0% | 3 | EA |  |  | \$ - | \$ 75 |  |  | - | \$ - | \$ - |
| 169 | Plug-In Center Jumper - 50 Pole, Red (Can Be Cut To Lenght)<br>MFG: AB<br>#1492-CJLJ5-50-R   | 2 | 0% | 2 | EA |  |  | \$ - | \$ 75 |  |  | - | \$ - | \$ - |
| 170 | Plug-In Center Jumper - 50 Pole, White (Can Be Cut To Lenght)<br>MFG: AB<br>#1492-CJLJ5-50-W | 5 | 0% | 5 | EA |  |  | \$ - | \$ 75 |  |  | - | \$ - | \$ - |

Reckon Estimating

|     |                                                                                                                                     |     |    |     |    |  |  |      |       |  |  |   |      |      |
|-----|-------------------------------------------------------------------------------------------------------------------------------------|-----|----|-----|----|--|--|------|-------|--|--|---|------|------|
| 171 | Power Supply, Input: 110/240VAC, OUTPUT: 20A, 24VDC, 480W<br>MFG: SOLAHD<br># 20-24-100C                                            | 1   | 0% | 1   | EA |  |  | \$ - | \$ 75 |  |  | - | \$ - | \$ - |
| 172 | Screw Conn. Terminal Block; Gray Color, 30-12awg, Rated Voltage 600vac/Dc<br>MFG: AB<br>#1492-J3                                    | 108 | 0% | 108 | EA |  |  | \$ - | \$ 75 |  |  | - | \$ - | \$ - |
| 173 | Temperature Control Switch, 1 No Contact, 120/250vac, Temp.: 30...140 F<br>MFG: HOFFMAN<br>#A-TEMNO                                 | 1   | 0% | 1   | EA |  |  | \$ - | \$ 75 |  |  | - | \$ - | \$ - |
| 174 | Terminal Block Style Relay: 6A, 1 Form C, Electromechanical Relay Output, Screw Terminal, 24vac/Vdc Coil<br>MFG: AB<br>#700-HLT1U24 | 24  | 0% | 24  | EA |  |  | \$ - | \$ 75 |  |  | - | \$ - | \$ - |
| 175 | Unmanaged Ethernet Switch, 16 PORTS, 10/100MBPS, Din Rail, RJ45 Port - Copper<br>MFG: N-TRON<br>#116TX                              | 3   | 0% | 3   | EA |  |  | \$ - | \$ 75 |  |  | - | \$ - | \$ - |
|     | <b>LIGHTING</b>                                                                                                                     |     |    |     |    |  |  |      |       |  |  |   |      |      |
| 176 | 20-60 VDC Led Enclosure Light, 13.8", Mounting Style: Magnetic, IR Motion Sensor<br>MFG: HOFFMAN<br>#LEDD2M35                       | 1   | 0% | 1   | EA |  |  | \$ - | \$ 75 |  |  | - | \$ - | \$ - |
| 177 | Led Light Cable Assembly, 78.7" (2000 Mm) Long, Use With Dc Power<br>MFG: HOFFMAN<br>#LEDD20C                                       | 1   | 0% | 1   | EA |  |  | \$ - | \$ 75 |  |  | - | \$ - | \$ - |
|     | <b>CIRCUIT BRREAKERS</b>                                                                                                            |     |    |     |    |  |  |      |       |  |  |   |      |      |
| 178 | Circuit Breaker, 2A, 480/277VAC/48VDC, 1-POLE, C-CURVE, 10kAIC, UL 489<br>MFG: EATON<br>#FAZ-C2/1-NA-SP                             | 31  | 0% | 31  | EA |  |  | \$ - | \$ 75 |  |  | - | \$ - | \$ - |
| 179 | Circuit Breaker, 3A, 480/277VAC/48VDC, 1-POLE, C-CURVE, 10kAIC, UL 489<br>MFG: EATON<br>#FAZ-C3/1-NA-SP                             | 3   | 0% | 3   | EA |  |  | \$ - | \$ 75 |  |  | - | \$ - | \$ - |
| 180 | Circuit Breaker, 5A, 480/277VAC/48VDC, 1-POLE, C-CURVE, 10kAIC, UL 489<br>MFG: EATON<br>#FAZ-C5/1-NA-SP                             | 4   | 0% | 4   | EA |  |  | \$ - | \$ 75 |  |  | - | \$ - | \$ - |
| 181 | Circuit Breaker, 16A, 480/277VAC/48VDC, 1-POLE, C-CURVE, 10kAIC, UL 489<br>MFG: EATON<br>#FAZ-C16/1-NA-SP                           | 2   | 0% | 2   | EA |  |  | \$ - | \$ 75 |  |  | - | \$ - | \$ - |

|     |                                                                                                              |   |    |   |    |  |  |      |       |  |  |   |      |      |
|-----|--------------------------------------------------------------------------------------------------------------|---|----|---|----|--|--|------|-------|--|--|---|------|------|
| 182 | Circuit Breaker, 8A, 480/277VAC/48VDC, 1-POLE, C-CURVE, 10kAIC,<br>UL 489<br>MFG: EATON<br>#FAZ-C8/1-NA-SP   | 1 | 0% | 1 | EA |  |  | \$ - | \$ 75 |  |  | - | \$ - | \$ - |
| 183 | Circuit Breaker, 20A, 480/277VAC/48VDC, 1-POLE, C-CURVE, 10kAIC,<br>UL 489<br>MFG: EATON<br>#FAZ-C20/1-NA-SP | 1 | 0% | 1 | EA |  |  | \$ - | \$ 75 |  |  | - | \$ - | \$ - |

Reckon Estimating

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7 Supply, Input Voltage: 24 Vdc, OutputRating: 10a @ 5V  
5 MFG:AB  
6 #1756-PB72

|   |    |   |    |    |   |    |    |   |    |   |    |   |
|---|----|---|----|----|---|----|----|---|----|---|----|---|
| 1 | 0% | 1 | EA | \$ | - | \$ | 75 | - | \$ | - | \$ | - |
| 1 | 0% | 1 | EA | \$ | - | \$ | 75 | - | \$ | - | \$ | - |
| 1 | 0% | 1 | EA | \$ | - | \$ | 75 | - | \$ | - | \$ | - |
| 1 | 0% | 1 | EA | \$ | - | \$ | 75 | - | \$ | - | \$ | - |
| 1 | 0% | 1 | EA | \$ | - | \$ | 75 | - | \$ | - | \$ | - |

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Reckon Estimating

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|-----|--------------------------------------------------------------------------------------------------------------------------------------------------------|----|----|----|----|--|--|------|-------|--|--|---|------|------|
| 201 | 1756 Ethernet/IP Enhanced web Server Module (SUPPORTS 64 TCP/IP CONNECTIONS)<br>MFG: AB<br>#1756-EWEB                                                  | 1  | 0% | 1  | EA |  |  | \$ - | \$ 75 |  |  | - | \$ - | \$ - |
| 202 | 1756 Control Logix ETHERNET / IP Module, USB PORT, RJ45 CABLE CONNECTOR<br>MFG: AB<br>#1756-EN2T                                                       | 1  | 0% | 1  | EA |  |  | \$ - | \$ 75 |  |  | - | \$ - | \$ - |
| 203 | 1756 Control Logix Rack I/O, 4 SLOT CHASSIS<br>MFG: AB<br>#1756-A4                                                                                     | 1  | 0% | 1  | EA |  |  | \$ - | \$ 75 |  |  | - | \$ - | \$ - |
| 204 | 1756 Control Logix SLOT FILLER CARD<br>MFG: AB<br># 1756-N2                                                                                            | 1  | 0% | 1  | EA |  |  | \$ - | \$ 75 |  |  | - | \$ - | \$ - |
| 205 | Unmanaged Ethernet Switch, 8 Ports, 10/100/1000 Mbps, Din Rail, Rj45 Port - Copper<br>MFG: N-TRON<br>#1008TX                                           | 1  | 0% | 1  | EA |  |  | \$ - | \$ 75 |  |  | - | \$ - | \$ - |
| 206 | Ruggedized Gpu Computing Edge Ai Platform Supporting 120W NVIDIA® GPU & INTEL® 9TH/8TH-GEN CORE™ PROCESSOR<br>MFG: NEOUSYS<br># NUVO7160-1660-732512-D | 1  | 0% | 1  | EA |  |  | \$ - | \$ 75 |  |  | - | \$ - | \$ - |
| 207 | 16-CH Isolated Di And 16-CH Isolated Do Mezio Module For Nuvo-5000/7000 And Poc-300 SERIES<br>MFG: NEOUSYS<br>#MezIO-D230-50                           | 1  | 0% | 1  | EA |  |  | \$ - | \$ 75 |  |  | - | \$ - | \$ - |
| 208 | Copper Ground Bar, 10 Taps<br>MFG: ILSCO<br># D167-10                                                                                                  | 1  | 0% | 1  | EA |  |  | \$ - | \$ 75 |  |  | - | \$ - | \$ - |
| 209 | End Anchor, Used W/ 35mm Din Rail<br>MFG: AB<br>#1492-EAJ35                                                                                            | 12 | 0% | 12 | EA |  |  | \$ - | \$ 75 |  |  | - | \$ - | \$ - |
| 210 | Screw Conn. Terminal Block; Gray Color, 30-12AWG, RATED VOLTAGE 600VAC/DC<br>MFG: AB<br>#1492-J3                                                       | 18 | 0% | 18 | EA |  |  | \$ - | \$ 75 |  |  | - | \$ - | \$ - |
| 211 | 1492 Terminal Block Accessories: Partition Plate, Grey<br>MFG: AB<br>#1492-EBJ16                                                                       | 2  | 0% | 2  | EA |  |  | \$ - | \$ 75 |  |  | - | \$ - | \$ - |
| 212 | Plug-In Center Jumper - 50 Pole, White (Can Be Cut To Lenght)<br>MFG: AB<br># 1492-CJLJ5-50-W                                                          | 2  | 0% | 2  | EA |  |  | \$ - | \$ 75 |  |  | - | \$ - | \$ - |
| 213 | Plug-In Center Jumper - 50 Pole, Blue (Can Be Cut To Lenght)<br>MFG: AB<br>#1492-CJLJ5-50-BL                                                           | 1  | 0% | 1  | EA |  |  | \$ - | \$ 75 |  |  | - | \$ - | \$ - |

|     |                                                                                            |   |    |   |    |  |  |      |       |  |  |   |      |      |
|-----|--------------------------------------------------------------------------------------------|---|----|---|----|--|--|------|-------|--|--|---|------|------|
| 214 | Plug-In Center Jumper - 50 Pole, Red (Can Be Cut To Lenght)<br>MFG: AB<br>#1492-CJLJ5-50-R | 1 | 0% | 1 | EA |  |  | \$ - | \$ 75 |  |  | - | \$ - | \$ - |
| 215 | Group Marker Carrier For Terminal Blocks<br>MFG: AB<br>#1492-GM35                          | 2 | 0% | 2 | EA |  |  | \$ - | \$ 75 |  |  | - | \$ - | \$ - |
|     |                                                                                            |   |    |   |    |  |  |      |       |  |  |   |      |      |
|     | <b>CIRCUIT BREAKERS</b>                                                                    |   |    |   |    |  |  |      |       |  |  |   |      |      |

Reckon Estimating

|                |                                                                                                                                            |     |     |       |    |  |  |      |       |  |  |   |      |      |
|----------------|--------------------------------------------------------------------------------------------------------------------------------------------|-----|-----|-------|----|--|--|------|-------|--|--|---|------|------|
| 216            | Mini Circuit Breaker, 3 AMP, TRIP CURVE C, UL/CSA MAX. VOLTAGE: 277VAC, 48VDC<br>MFG: AB<br>#1489-M1C030                                   | 8   | 0%  | 8     | EA |  |  | \$ - | \$ 75 |  |  | - | \$ - | \$ - |
| 217            | Mini Circuit Breaker, 5 AMP, TRIP CURVE D, UL/CSA MAX. VOLTAGE: 277VAC, 48VDC<br>MFG: AB<br>#1489-M1D050                                   | 1   | 0%  | 1     | EA |  |  | \$ - | \$ 75 |  |  | - | \$ - | \$ - |
| 218            | Mini Circuit Breaker, 10 AMP, TRIP CURVE D, UL/CSA MAX. VOLTAGE: 277VAC, 48VDC<br>MFG: AB<br>#1489-M1D100                                  | 1   | 0%  | 1     | EA |  |  | \$ - | \$ 75 |  |  | - | \$ - | \$ - |
|                |                                                                                                                                            |     |     |       |    |  |  |      |       |  |  |   |      |      |
|                | <b>LIGHTING</b>                                                                                                                            |     |     |       |    |  |  |      |       |  |  |   |      |      |
| 219            | 20-60VDC Led Enclosure Light, 13.8", Mounting Style: Magnetic, Ir Motion Sensor<br>MFG: HOFFMAN<br>#LEDD2M35                               | 1   | 0%  | 1     | EA |  |  | \$ - | \$ 75 |  |  | - | \$ - | \$ - |
| 220            | Led Light Cable Assembly, 78.7" (2000 Mm) Long, Use With Dc Power<br>MFG: HOFFMAN<br>#LEDD20C                                              | 1   | 0%  | 1     | EA |  |  | \$ - | \$ 75 |  |  | - | \$ - | \$ - |
|                |                                                                                                                                            |     |     |       |    |  |  |      |       |  |  |   |      |      |
| <b>ECP 601</b> |                                                                                                                                            |     |     |       |    |  |  |      |       |  |  |   |      |      |
|                |                                                                                                                                            |     |     |       |    |  |  |      |       |  |  |   |      |      |
|                | <b>CONDUITS</b>                                                                                                                            |     |     |       |    |  |  |      |       |  |  |   |      |      |
| 221            | 3/4" EMT Conduit                                                                                                                           | 151 | 10% | 166.1 | FT |  |  | \$ - | \$ 75 |  |  | - | \$ - | \$ - |
|                |                                                                                                                                            |     |     |       |    |  |  |      |       |  |  |   |      |      |
|                | <b>CONDUCTORS</b>                                                                                                                          |     |     |       |    |  |  |      |       |  |  |   |      |      |
| 222            | #14 CU THHN                                                                                                                                | 8   | 10% | 8.8   | FT |  |  | \$ - | \$ 75 |  |  | - | \$ - | \$ - |
| 223            | #12 CU THHN                                                                                                                                | 303 | 10% | 333.3 | FT |  |  | \$ - | \$ 75 |  |  | - | \$ - | \$ - |
| 224            | #10 CU THHN                                                                                                                                | 150 | 10% | 165   | FT |  |  | \$ - | \$ 75 |  |  | - | \$ - | \$ - |
|                |                                                                                                                                            |     |     |       |    |  |  |      |       |  |  |   |      |      |
|                | <b>DEVICES</b>                                                                                                                             |     |     |       |    |  |  |      |       |  |  |   |      |      |
| 225            | 1"Wx4"H Wireway                                                                                                                            | 5   | 0%  | 4.66  | FT |  |  | \$ - | \$ 75 |  |  | - | \$ - | \$ - |
| 226            | 1"Wx4"H Wireway                                                                                                                            | 4   | 0%  | 4.44  | FT |  |  | \$ - | \$ 75 |  |  | - | \$ - | \$ - |
| 227            | 16 x 12 x 8" STAINLESS STEEL, WALL-MOUNT ENCLOSURE, TYPE 4X<br>MFG: HOFFMAN<br>#A16H1208SSLP                                               | 1   | 0%  | 1     | EA |  |  | \$ - | \$ 75 |  |  | - | \$ - | \$ - |
| 228            | IO Link Master: Ethernet/IP Interface, 4 Io Ports/8 Digital Inputs/4 Digital Outputs, 24vdc Supply, Ip67 Protection<br>MFG: IFM<br>#AL1120 | 1   | 0%  | 1     | EA |  |  | \$ - | \$ 75 |  |  | - | \$ - | \$ - |

|     |                                                                                                                                               |   |    |   |    |  |  |      |       |  |  |   |      |      |
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| 229 | Ethernet Cable; 2 M, (M12 Plug / Rj45 Plug) Pur; Housing Materials<br>Pur / Pc; Ip67 Protection<br>MFG: IFM<br>#E11898                        | 1 | 0% | 1 | EA |  |  | \$ - | \$ 75 |  |  | - | \$ - | \$ - |
| 230 | Power Cable; 0.5m, Rating: 60vac/12 Amps; T-Coded; Connector: 1 X<br>M12, Straight; Moulded Body: Pur, Ip67 Protection<br>MFG: IFM<br>#AL1120 | 1 | 0% | 1 | EA |  |  | \$ - | \$ 75 |  |  | - | \$ - | \$ - |
| 231 | Y/T Splitter; Operating Voltage < 250 Vac; Housing Materials Housing:<br>Pa Orange; Sealing: Fkm; Ip67 Protection<br>MFG: IFM                 | 1 | 0% | 1 | EA |  |  | \$ - | \$ 75 |  |  | - | \$ - | \$ - |

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|         |                                                                                                      |     |     |       |    |  |  |      |       |  |  |   |      |      |
|---------|------------------------------------------------------------------------------------------------------|-----|-----|-------|----|--|--|------|-------|--|--|---|------|------|
| 246     | Mini Circuit Breaker, 3 Amp, Trip Curve C, Ul/Csa Max. Voltage:<br>277vac,<br>MFG: AB<br>#489-M1C030 | 2   | 0%  | 2     | EA |  |  | \$ - | \$ 75 |  |  | - | \$ - | \$ - |
|         |                                                                                                      |     |     |       |    |  |  |      |       |  |  |   |      |      |
| ECP 602 |                                                                                                      |     |     |       |    |  |  |      |       |  |  |   |      |      |
|         |                                                                                                      |     |     |       |    |  |  |      |       |  |  |   |      |      |
|         | CONDUITS                                                                                             |     |     |       |    |  |  |      |       |  |  |   |      |      |
| 247     | 3/4" EMT Conduit                                                                                     | 151 | 10% | 166.1 | FT |  |  | \$ - | \$ 75 |  |  | - | \$ - | \$ - |

Reckon Estimating

|     |                                                                                                                                               |     |     |       |    |  |  |      |       |  |  |   |      |      |
|-----|-----------------------------------------------------------------------------------------------------------------------------------------------|-----|-----|-------|----|--|--|------|-------|--|--|---|------|------|
|     |                                                                                                                                               |     |     |       |    |  |  |      |       |  |  |   |      |      |
|     | <b>CONDUCTORS</b>                                                                                                                             |     |     |       |    |  |  |      |       |  |  |   |      |      |
| 248 | #14 CU THHN                                                                                                                                   | 8   | 10% | 8.8   | FT |  |  | \$ - | \$ 75 |  |  | - | \$ - | \$ - |
| 249 | #12 CU THHN                                                                                                                                   | 303 | 10% | 333.3 | FT |  |  | \$ - | \$ 75 |  |  | - | \$ - | \$ - |
| 250 | #10 CU THHN                                                                                                                                   | 150 | 10% | 165   | FT |  |  | \$ - | \$ 75 |  |  | - | \$ - | \$ - |
|     |                                                                                                                                               |     |     |       |    |  |  |      |       |  |  |   |      |      |
|     | <b>DEVICES</b>                                                                                                                                |     |     |       |    |  |  |      |       |  |  |   |      |      |
| 251 | 1"Wx4"H Wireway                                                                                                                               | 5   | 0%  | 4.66  | FT |  |  | \$ - | \$ 75 |  |  | - | \$ - | \$ - |
| 252 | 1"Wx4"H Wireway                                                                                                                               | 4   | 0%  | 4.44  | FT |  |  | \$ - | \$ 75 |  |  | - | \$ - | \$ - |
| 253 | 16 x 12 x 8" STAINLESS STEEL, WALL-MOUNT ENCLOSURE, TYPE 4X<br>MFG: HOFFMAN<br>#A16H1208SSLP                                                  | 1   | 0%  | 1     | EA |  |  | \$ - | \$ 75 |  |  | - | \$ - | \$ - |
| 254 | IO Link Master: Ethernet/IP Interface, 4 Io Ports/8 Digital Inputs/4<br>Digital Outputs, 24vdc Supply, Ip67 Protection<br>MFG: IFM<br>#AL1120 | 1   | 0%  | 1     | EA |  |  | \$ - | \$ 75 |  |  | - | \$ - | \$ - |
| 255 | Ethernet Cable; 2 M, (M12 Plug / Rj45 Plug) Pur; Housing Materials<br>Pur / Pc; Ip67 Protection<br>MFG: IFM<br>#E11898                        | 1   | 0%  | 1     | EA |  |  | \$ - | \$ 75 |  |  | - | \$ - | \$ - |
| 256 | Power Cable; 0.5m, Rating: 60vac/12 Amps; T-Coded; Connector: 1 X<br>M12, Straight; Moulded Body: Pur, Ip67 Protection<br>MFG: IFM<br>#AL1120 | 1   | 0%  | 1     | EA |  |  | \$ - | \$ 75 |  |  | - | \$ - | \$ - |
| 257 | Y/T Splitter; Operating Voltage < 250 Vac; Housing Materials Housing:<br>Pa Orange; Sealing: Fkm; Ip67 Protection<br>MFG: IFM<br>#EBC113      | 1   | 0%  | 1     | EA |  |  | \$ - | \$ 75 |  |  | - | \$ - | \$ - |
| 258 | Connection Cable; 1 M, (M12 Straight Plug / M12 Angled Socket) Pur;<br>Housing Materials Pur / Pc; Ip67 Protection<br>MFG: IFM<br>#EVT054     | 1   | 0%  | 1     | EA |  |  | \$ - | \$ 75 |  |  | - | \$ - | \$ - |
| 259 | Male M12 Right Angle Field Wireable Connector, Ip67 Protection<br>MFG: IFM<br>#EVC817                                                         | 1   | 0%  | 1     | EA |  |  | \$ - | \$ 75 |  |  | - | \$ - | \$ - |
| 260 | Power Supply, Input: 110/240vac, Output: 5A, 24vdc, 120w<br>MFG: IFM<br>#DN4012                                                               | 1   | 0%  | 1     | EA |  |  | \$ - | \$ 75 |  |  | - | \$ - | \$ - |
| 261 | Terminal Block Style Relay: 6a, 1 Form C, Electromechanical Relay<br>Output, Screw Terminal, 24vac/Vdc Coil<br>MFG: AB<br>#700-HLT1U24        | 4   | 0%  | 4     | EA |  |  | \$ - | \$ 75 |  |  | - | \$ - | \$ - |
| 262 | Copper Ground Bar, 10 Taps<br>#ILSCO<br>#D167-10                                                                                              | 1   | 0%  | 1     | EA |  |  | \$ - | \$ 75 |  |  | - | \$ - | \$ - |

|     |                                                                                                     |   |    |   |    |  |  |      |       |  |  |   |      |      |
|-----|-----------------------------------------------------------------------------------------------------|---|----|---|----|--|--|------|-------|--|--|---|------|------|
| 263 | End Anchor, Used W/ 35mm Din Rail<br>MFG: AB<br>#1492-EAJ35                                         | 2 | 0% | 2 | EA |  |  | \$ - | \$ 75 |  |  | - | \$ - | \$ - |
| 264 | Screw Conn. Terminal Block; Gray Color, 30-12awg, Rated Voltage<br>600vac/Dc<br>MFG: AB<br>#1492-J3 | 4 | 0% | 4 | EA |  |  | \$ - | \$ 75 |  |  | - | \$ - | \$ - |
| 265 | 1489 Terminal Block Aecessories: Partition Plate, Grey<br>MFG: AB<br># 1492-EBJ16                   | 1 | 0% | 1 | EA |  |  | \$ - | \$ 75 |  |  | - | \$ - | \$ - |

Reckon Estimating

|                |                                                                                                         |      |     |          |    |  |  |      |       |  |  |   |      |      |
|----------------|---------------------------------------------------------------------------------------------------------|------|-----|----------|----|--|--|------|-------|--|--|---|------|------|
| 266            | Plug-In Center Jumper - 50 Pole, White (Can Be Cut To Lenght)<br>MFG: AB<br>#1492-CJLJ5-50-W            | 1    | 0%  | 1        | EA |  |  | \$ - | \$ 75 |  |  | - | \$ - | \$ - |
| 267            | Plug-In Center Jumper - 50 Pole, Blue (Can Be Cut To Lenght)<br>MFG: AB<br>#1492-CJLJ5-50-BL            | 1    | 0%  | 1        | EA |  |  | \$ - | \$ 75 |  |  | - | \$ - | \$ - |
| 268            | Plug-In Center Jumper - 50 Pole, Red (Can Be Cut To Lenght)<br>MFG: AB<br>#1492-CJLJ5-50-R              | 1    | 0%  | 1        | EA |  |  | \$ - | \$ 75 |  |  | - | \$ - | \$ - |
| 269            | Group Marker Carrier For Terminal Blocks<br>MFG: AB<br>#1492-GM35                                       | 1    | 0%  | 1        | EA |  |  | \$ - | \$ 75 |  |  | - | \$ - | \$ - |
| 270            | Multi-Level Feed-Through Terminal Block<br>MFG: AB<br>#1492-JD3                                         | 8    | 0%  | 8        | EA |  |  | \$ - | \$ 75 |  |  | - | \$ - | \$ - |
| 271            | Screw Center Jumper - 10 Pole (FOR 1492-J3, 1492-J3F, 1492-JD3F, 1492-JDG3)<br>MFG: AB<br>#1492-CJJ5-10 | 1    | 0%  | 1        | EA |  |  | \$ - | \$ 75 |  |  | - | \$ - | \$ - |
|                |                                                                                                         |      |     |          |    |  |  |      |       |  |  |   |      |      |
|                | <b>CIRCUIT BREAKERS</b>                                                                                 |      |     |          |    |  |  |      |       |  |  |   |      |      |
| 272            | Mini Circuit Breaker, 3 Amp, Trip Curve C, UL/Csa Max. Voltage: 277vac,<br>MFG: AB<br>#489-M1C030       | 2    | 0%  | 2        | EA |  |  | \$ - | \$ 75 |  |  | - | \$ - | \$ - |
| <b>ECP 700</b> |                                                                                                         |      |     |          |    |  |  |      |       |  |  |   |      |      |
|                |                                                                                                         |      |     |          |    |  |  |      |       |  |  |   |      |      |
|                | <b>CONDUITS</b>                                                                                         |      |     |          |    |  |  |      |       |  |  |   |      |      |
| 273            | 3/4" EMT Conduit                                                                                        | 100  | 10% | 110      | FT |  |  | \$ - | \$ 75 |  |  | - | \$ - | \$ - |
| 274            | 3/4" Liquid Tight Flexible Conduit                                                                      | 41   | 10% | 45.067   | FT |  |  | \$ - | \$ 75 |  |  | - | \$ - | \$ - |
|                |                                                                                                         |      |     |          |    |  |  |      |       |  |  |   |      |      |
|                | <b>CONDUCTORS</b>                                                                                       |      |     |          |    |  |  |      |       |  |  |   |      |      |
| 275            | #18 CU THHN                                                                                             | 62   | 10% | 68.2     | FT |  |  | \$ - | \$ 75 |  |  | - | \$ - | \$ - |
| 276            | Shielded #18 AWG                                                                                        | 80   | 10% | 88       | FT |  |  | \$ - | \$ 75 |  |  | - | \$ - | \$ - |
| 277            | #18 CU THHN (Assumed Wire Size For Controls)                                                            | 3215 | 10% | 3536.126 | FT |  |  | \$ - | \$ 75 |  |  | - | \$ - | \$ - |
| 278            | #16 CU THHN (Assumed Length)                                                                            | 79   | 10% | 86.834   | FT |  |  | \$ - | \$ 75 |  |  | - | \$ - | \$ - |
| 279            | #14 CU THHN                                                                                             | 8    | 10% | 8.8      | FT |  |  | \$ - | \$ 75 |  |  | - | \$ - | \$ - |
| 280            | #10 CU THHN                                                                                             | 300  | 10% | 330      | FT |  |  | \$ - | \$ 75 |  |  | - | \$ - | \$ - |
| 281            | BELDEN 28334AS Cable                                                                                    | 119  | 10% | 131.263  | FT |  |  | \$ - | \$ 75 |  |  | - | \$ - | \$ - |
| 282            | BELDEN 3106A Cable                                                                                      | 211  | 10% | 232.254  | FT |  |  | \$ - | \$ 75 |  |  | - | \$ - | \$ - |
| 283            | CAT 6                                                                                                   | 78   | 10% | 86.218   | FT |  |  | \$ - | \$ 75 |  |  | - | \$ - | \$ - |
|                |                                                                                                         |      |     |          |    |  |  |      |       |  |  |   |      |      |
|                | <b>DEVICES</b>                                                                                          |      |     |          |    |  |  |      |       |  |  |   |      |      |
| 284            | 6" Wx4"W Wireway                                                                                        | 3    | 0%  | 3        | FT |  |  | \$ - | \$ 75 |  |  | - | \$ - | \$ - |
| 285            | 6"Wx4"H Wireway                                                                                         | 7    | 0%  | 6.74     | FT |  |  | \$ - | \$ 75 |  |  | - | \$ - | \$ - |
| 286            | Wireway 3"Wx4"H Wireway                                                                                 | 12   | 0%  | 12.35    | FT |  |  | \$ - | \$ 75 |  |  | - | \$ - | \$ - |
| 287            | 2"Wx4"H Wireway                                                                                         | 3    | 0%  | 2.74     | FT |  |  | \$ - | \$ 75 |  |  | - | \$ - | \$ - |

|     |                                                                                                        |   |    |   |    |  |  |      |       |  |  |   |      |      |
|-----|--------------------------------------------------------------------------------------------------------|---|----|---|----|--|--|------|-------|--|--|---|------|------|
| 288 | Ethernet IP Port/120vac GFCI Receptacle, UI Type 4, 15amps<br>MFG: GRACEPORT<br>#P-R2-K3RF0            | 1 | 0% | 1 | EA |  |  | \$ - | \$ 75 |  |  | - | \$ - | \$ - |
| 289 | 18" X 18" Folding Shelf, White, 150 Lbs Load Rating<br>MFG: HOFFMAN<br># AASHLF1818                    | 1 | 0% | 1 | EA |  |  | \$ - | \$ 75 |  |  | - | \$ - | \$ - |
| 290 | Temperature Control Switch, 1 No Contact, 120/250vac, Temp.:<br>30...140 F<br>MFG: HOFFMAN<br>#A-TEMNO | 1 | 0% | 1 | EA |  |  | \$ - | \$ 75 |  |  | - | \$ - | \$ - |

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|     |                                                                                                                                                                           |    |    |    |    |  |  |      |       |  |  |   |      |      |
|-----|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----|----|----|----|--|--|------|-------|--|--|---|------|------|
| 291 | 13" Filtered Fan, Type 12, 484 Cfm, 120vac, Color: Light Gray<br>MFG: HOFFMAN<br># HF1316424                                                                              | 1  | 0% | 1  | EA |  |  | \$ - | \$ 75 |  |  | - | \$ - | \$ - |
| 292 | 13" EXHAUST GRILL, TYPE 12, COLOR: LIGHT GRAY, UV-RESISTANT<br>MFG: HOFFMAN<br># HG1300404                                                                                | 1  | 0% | 1  | EA |  |  | \$ - | \$ 75 |  |  | - | \$ - | \$ - |
| 293 | CB Accessory: Busbar, 1P, 80A, 6-Poles, UI 489<br>MFG: EATON<br># Z-SV/UL-16/1P-1TE/6                                                                                     | 2  | 0% | 2  | EA |  |  | \$ - | \$ 75 |  |  | - | \$ - | \$ - |
| 294 | CB Accessory: Busbar, 1P, 80A, 12-Poles, UI 489<br>MFG: EATON<br># Z-SV/UL-16/1P-1TE/12                                                                                   | 1  | 0% | 1  | EA |  |  | \$ - | \$ 75 |  |  | - | \$ - | \$ - |
| 295 | CB Accessory: Busbar, 1P, 80A, 18-Poles, UI 489<br>MFG: EATON<br># Z-SV/UL-16/1P-1TE/18                                                                                   | 1  | 0% | 1  | EA |  |  | \$ - | \$ 75 |  |  | - | \$ - | \$ - |
| 296 | Guardmaster Safety Relay, 24VDC COIL, 3 NO, 1 NC<br>MFG: AB<br># 440R-S13R2                                                                                               | 1  | 0% | 1  | EA |  |  | \$ - | \$ 75 |  |  | - | \$ - | \$ - |
| 297 | Guardmaster Expansion Module Safety Relay, 24VDC COIL, 4 NO, 1 NC<br>AUX<br>MFG: AB<br># 40R-EM4R2                                                                        | 1  | 0% | 1  | EA |  |  | \$ - | \$ 75 |  |  | - | \$ - | \$ - |
| 298 | Power Supply, Input: 110/240VAC, OUTPUT: 20A, 24VDC, 480W<br>MFG: SOLAHD<br># 20-24-100C                                                                                  | 1  | 0% | 1  | EA |  |  | \$ - | \$ 75 |  |  | - | \$ - | \$ - |
| 299 | Multi-Port Serial Protocol Gateway, Ports: 2 Ethernet / 5 Serial (2 x RJ45 RS-232 Galvanically Isolated, 2 x RS-485, 1 x RJ45 RS-232)<br>MFG: FIELDSEVER<br># FS-B3510-05 | 1  | 0% | 1  | EA |  |  | \$ - | \$ 75 |  |  | - | \$ - | \$ - |
| 300 | DIN-RAIL MOUNTING ASSEMBLY<br>MFG: FIELDSEVER<br>#FS-8915-35-QS                                                                                                           | 1  | 0% | 1  | EA |  |  | \$ - | \$ 75 |  |  | - | \$ - | \$ - |
| 301 | Ethernet/IP Software Driver For Fieldserver<br>MFG: FIELDSEVER<br>#FS-8704-14                                                                                             | 1  | 0% | 1  | EA |  |  | \$ - | \$ 75 |  |  | - | \$ - | \$ - |
| 302 | Flex 5000 I/O - Communication Adapter, 1GB Ethernet/IP, 2 RJ45 Ports, Supports Up To 8 I/O Modules<br>MFG: AB<br>#5094-AENTR                                              | 2  | 0% | 2  | EA |  |  | \$ - | \$ 75 |  |  | - | \$ - | \$ - |
| 303 | Flex 5000 I/O - Mounting Base<br>MFG: AB<br>#5094-MB                                                                                                                      | 13 | 0% | 13 | EA |  |  | \$ - | \$ 75 |  |  | - | \$ - | \$ - |
| 304 | Flex 5000 I/O -Removable Terminal Block<br>MFG: AB<br>#5094-RTB3                                                                                                          | 13 | 0% | 13 | EA |  |  | \$ - | \$ 75 |  |  | - | \$ - | \$ - |

|     |                                                                                                                            |   |    |   |    |  |  |      |       |  |  |   |      |      |
|-----|----------------------------------------------------------------------------------------------------------------------------|---|----|---|----|--|--|------|-------|--|--|---|------|------|
| 305 | Flex 5000 I/O - Discrete Input Module, 24VDC, 16-POINT<br>MFG: AB<br>#5094-IB16                                            | 4 | 0% | 4 | EA |  |  | \$ - | \$ 75 |  |  | - | \$ - | \$ - |
| 306 | Flex 5000 I/O - Shield Bar For Analog Modules, Wire Range: #22...#14<br>AWG, RATING: 300VAC, 10AMP<br>MFG: AB<br>#5094-STB | 6 | 0% | 6 | EA |  |  | \$ - | \$ 75 |  |  | - | \$ - | \$ - |
| 307 | Flex 5000 I/O - Discrete Output Module, 24VDC, 16-POINT<br>MFG: AB<br>#5094-OB16                                           | 3 | 0% | 3 | EA |  |  | \$ - | \$ 75 |  |  | - | \$ - | \$ - |

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|     |                                                                                                                                                       |    |    |    |    |  |  |      |       |  |  |   |      |      |
|-----|-------------------------------------------------------------------------------------------------------------------------------------------------------|----|----|----|----|--|--|------|-------|--|--|---|------|------|
| 308 | Flex 5000 I/O - Analog Input Module, Current/Voltage, 8-POINT<br>MFG: AB<br>#5094-IF8                                                                 | 4  | 0% | 4  | EA |  |  | \$ - | \$ 75 |  |  | - | \$ - | \$ - |
| 309 | Flex 5000 I/O - Analog Input Module, Current/Voltage, 8-POINT<br>MFG: AB<br>#5094-IF8                                                                 | 1  | 0% | 1  | EA |  |  | \$ - | \$ 75 |  |  | - | \$ - | \$ - |
| 310 | Flex 5000 I/O - AnalogOutput Module, Current/Voltage, 8-POINT<br>MFG: AB<br>#5094-OF8                                                                 | 1  | 0% | 1  | EA |  |  | \$ - | \$ 75 |  |  | - | \$ - | \$ - |
| 311 | 1756 SERIES, CONTROLLOGIX 5580 Controller, 1 Gb Ethernet Port, 1<br>Usb Port, 5mb User Memory, 4 Char. Alpha/Numeric Display<br>MFG: AB<br>#1756-L82E | 1  | 0% | 1  | EA |  |  | \$ - | \$ 75 |  |  | - | \$ - | \$ - |
| 312 | 1756 Control Logix Power Supply, INPUT VOLTAGE: 24 VDC, Output<br>Rating: 10A @ 5V<br>MFG: AB<br>#1756-PB72                                           | 1  | 0% | 1  | EA |  |  | \$ - | \$ 75 |  |  | - | \$ - | \$ - |
| 313 | 1756 Control Logix Ethernet / Ip Module, Usb Port, Rj45 Cable<br>Connector<br>MFG: AB<br>#1756-EN2T                                                   | 1  | 0% | 1  | EA |  |  | \$ - | \$ 75 |  |  | - | \$ - | \$ - |
| 314 | 1756 Control Logix RACK I/O, 7 SLOT CHASSIS<br>MFG: AB<br>#1756-A7                                                                                    | 1  | 0% | 1  | EA |  |  | \$ - | \$ 75 |  |  | - | \$ - | \$ - |
| 315 | 1756 Control Logix Slot Filler Card<br>MFG: AB<br>#1756-N2                                                                                            | 5  | 0% | 5  | EA |  |  | \$ - | \$ 75 |  |  | - | \$ - | \$ - |
| 316 | Terminal Block Style Relay: 6A, 1 Form C, Electromechanical Relay<br>Output, Screw Terminal, 24vac/Vdc Coil<br>MFG: AB<br>#700-HLT1U24                | 24 | 0% | 24 | EA |  |  | \$ - | \$ 75 |  |  | - | \$ - | \$ - |
| 317 | Panelview Plus 7 Performance Terminal, Touch Screen, 12", 24vdc,<br>Ethernet/IP, Windows Ce Os License Pro<br>MFG: AB<br>#2711P-T12W22D9P             | 1  | 0% | 1  | EA |  |  | \$ - | \$ 75 |  |  | - | \$ - | \$ - |
| 318 | 32 GB, CLASS 2, SDHC Flash Memory Card<br>MFG: SCANDISK<br>#SDSDB-032G-B35                                                                            | 1  | 0% | 1  | EA |  |  | \$ - | \$ 75 |  |  | - | \$ - | \$ - |
| 319 | Unmanaged Ethernet Switch, 16 PORTS, 10/100MBPS, Din Rail, Rj45<br>Port - Copper<br>MFG: N-TRON<br>#116TX                                             | 3  | 0% | 3  | EA |  |  | \$ - | \$ 75 |  |  | - | \$ - | \$ - |
| 320 | 30.5MM TYPE 4/4X Mom. Contact Pb, Non-Illum., Black, Flush Hd, 1<br>No, Finger Safe Guards<br>MFG: AB<br>#800H-AR2D1                                  | 1  | 0% | 1  | EA |  |  | \$ - | \$ 75 |  |  | - | \$ - | \$ - |

|     |                                                                                                                                         |   |    |   |    |  |  |      |       |  |  |   |      |      |
|-----|-----------------------------------------------------------------------------------------------------------------------------------------|---|----|---|----|--|--|------|-------|--|--|---|------|------|
| 321 | 800H Legend Plate, Standard, Reset, White<br>MFG: AB<br>#800H-W521                                                                      | 1 | 0% | 1 | EA |  |  | \$ - | \$ 75 |  |  | - | \$ - | \$ - |
| 322 | 30.5mm TYPE 4/4X/13 2 POS. PB-ILLUM., Push-Pull/Twist, Red, Mushrm Hd, Led, 12...130V AC/DC, 1 NCLB-1 NO<br>MFG: AB<br>#800H-FRXTQH2RA1 | 1 | 0% | 1 | EA |  |  | \$ - | \$ 75 |  |  | - | \$ - | \$ - |
| 323 | Contact Block, Shallow Profile, 1 No, 1 NC<br>MFG: AB<br>#800TC-XA                                                                      | 2 | 0% | 2 | EA |  |  | \$ - | \$ 75 |  |  | - | \$ - | \$ - |

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[illegible]

|     |                                                                                                              |   |    |   |    |  |  |      |       |  |  |   |      |      |
|-----|--------------------------------------------------------------------------------------------------------------|---|----|---|----|--|--|------|-------|--|--|---|------|------|
|     | <b>LIGHTING</b>                                                                                              |   |    |   |    |  |  |      |       |  |  |   |      |      |
| 338 | 20-60vdc Led Enclosure Light, 13.8", Mounting Style: Magnetic, Ir Motion Sensor<br>MFG: HOFFMAN<br>#LEDD2M35 | 1 | 0% | 1 | EA |  |  | \$ - | \$ 75 |  |  | - | \$ - | \$ - |
| 339 | Led Light Cable Assembly, 78.7" (2000 Mm) Long, Use With Dc Power<br>MFG: HOFFMAN<br>#LEDD20C                | 1 | 0% | 1 | EA |  |  | \$ - | \$ 75 |  |  | - | \$ - | \$ - |
|     |                                                                                                              |   |    |   |    |  |  |      |       |  |  |   |      |      |

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|     |                                                                                                           |     |     |         |    |  |  |      |       |  |  |   |      |      |
|-----|-----------------------------------------------------------------------------------------------------------|-----|-----|---------|----|--|--|------|-------|--|--|---|------|------|
|     | <b>CIRCUIT BRFEAKERS</b>                                                                                  |     |     |         |    |  |  |      |       |  |  |   |      |      |
| 340 | Circuit Breaker, 2A, 480/277VAC/48VDC, 1-POLE, C-CURVE, 10kAIC, UL 489<br>MFG: EATON<br>#FAZ-C2/1-NA-SP   | 31  | 0%  | 31      | EA |  |  | \$ - | \$ 75 |  |  | - | \$ - | \$ - |
| 341 | Circuit Breaker, 3A, 480/277VAC/48VDC, 1-POLE, C-CURVE, 10kAIC, UL 489<br>MFG: EATON<br>#FAZ-C3/1-NA-SP   | 3   | 0%  | 3       | EA |  |  | \$ - | \$ 75 |  |  | - | \$ - | \$ - |
| 342 | Circuit Breaker, 5A, 480/277VAC/48VDC, 1-POLE, C-CURVE, 10kAIC, UL 489<br>MFG: EATON<br>#FAZ-C5/1-NA-SP   | 4   | 0%  | 4       | EA |  |  | \$ - | \$ 75 |  |  | - | \$ - | \$ - |
| 343 | Circuit Breaker, 16A, 480/277VAC/48VDC, 1-POLE, C-CURVE, 10kAIC, UL 489<br>MFG: EATON<br>#FAZ-C16/1-NA-SP | 2   | 0%  | 2       | EA |  |  | \$ - | \$ 75 |  |  | - | \$ - | \$ - |
| 344 | Circuit Breaker, 8A, 480/277VAC/48VDC, 1-POLE, C-CURVE, 10kAIC, UL 489<br>MFG: EATON<br>#FAZ-C8/1-NA-SP   | 1   | 0%  | 1       | EA |  |  | \$ - | \$ 75 |  |  | - | \$ - | \$ - |
| 345 | Circuit Breaker, 20A, 480/277VAC/48VDC, 1-POLE, C-CURVE, 10kAIC, UL 489<br>MFG: EATON<br>#FAZ-C20/1-NA-SP | 1   | 0%  | 1       | EA |  |  | \$ - | \$ 75 |  |  | - | \$ - | \$ - |
| 346 | Circuit Breaker, 30A, 480/277VAC/48VDC, 1-POLE, C-CURVE, 10kAIC, UL 489<br>MFG: EATON<br>#FAZ-C20/1-NA-SP | 1   | 0%  | 1       | EA |  |  | \$ - | \$ 75 |  |  | - | \$ - | \$ - |
|     |                                                                                                           |     |     |         |    |  |  |      |       |  |  |   |      |      |
|     | <b>ECP 701</b>                                                                                            |     |     |         |    |  |  |      |       |  |  |   |      |      |
|     |                                                                                                           |     |     |         |    |  |  |      |       |  |  |   |      |      |
|     | <b>CONDUITS</b>                                                                                           |     |     |         |    |  |  |      |       |  |  |   |      |      |
| 347 | 3/4" EMT Conduit                                                                                          | 50  | 10% | 55      | FT |  |  | \$ - | \$ 75 |  |  | - | \$ - | \$ - |
|     |                                                                                                           |     |     |         |    |  |  |      |       |  |  |   |      |      |
|     | <b>CONDUCTORS</b>                                                                                         |     |     |         |    |  |  |      |       |  |  |   |      |      |
| 348 | #18 (Assumed Wire Size)                                                                                   | 688 | 10% | 756.888 | FT |  |  | \$ - | \$ 75 |  |  | - | \$ - | \$ - |
| 349 | CAT 6                                                                                                     | 20  | 10% | 22      | FT |  |  | \$ - | \$ 75 |  |  | - | \$ - | \$ - |
| 350 | #12 CU THHN                                                                                               | 150 | 10% | 165     | FT |  |  | \$ - | \$ 75 |  |  | - | \$ - | \$ - |
|     |                                                                                                           |     |     |         |    |  |  |      |       |  |  |   |      |      |
|     | <b>DEVICES</b>                                                                                            |     |     |         |    |  |  |      |       |  |  |   |      |      |
| 351 | 1"Wx4"H Wireway                                                                                           | 7   | 0%  | 7.45    | FT |  |  | \$ - | \$ 75 |  |  | - | \$ - | \$ - |
| 352 | 24x20x10" Stainless Steel, Wall-Mount Enclosure, Type 4X<br>MFG: HOFFMAN<br>#A24H2010ALLP                 | 1   | 0%  | 1       | EA |  |  | \$ - | \$ 75 |  |  | - | \$ - | \$ - |
| 353 | 24 x 20 Enclosure Subpanel<br>MFGL HOFFMAN<br>#A24P20                                                     | 1   | 0%  | 1       | EA |  |  | \$ - | \$ 75 |  |  | - | \$ - | \$ - |

|     |                                                                                            |   |    |   |    |  |  |      |       |  |  |   |      |      |
|-----|--------------------------------------------------------------------------------------------|---|----|---|----|--|--|------|-------|--|--|---|------|------|
| 354 | Power Line Filter, 120VAC, 2.5A<br>MFG: ISLATROL<br>#IC+102                                | 1 | 0% | 1 | EA |  |  | \$ - | \$ 75 |  |  | - | \$ - | \$ - |
| 355 | 24VDC, 10A SDN Power Supply<br>MFG: SOLAHD<br>#SDN 10-24-100C                              | 1 | 0% | 1 | EA |  |  | \$ - | \$ 75 |  |  | - | \$ - | \$ - |
| 356 | Panelview Plus 7 Perf, Touchscreen, 12", 24VDC, Ethernet/IP<br>MFG: AB<br>#2711P-T12W22D9P | 1 | 0% | 1 | EA |  |  | \$ - | \$ 75 |  |  | - | \$ - | \$ - |

Reckon Estimating

[illegible]

|                |                                                                                               |   |    |   |    |  |  |      |       |  |  |   |      |      |
|----------------|-----------------------------------------------------------------------------------------------|---|----|---|----|--|--|------|-------|--|--|---|------|------|
|                | <b>CIRCUIT BREAKERS</b>                                                                       |   |    |   |    |  |  |      |       |  |  |   |      |      |
| 373            | CIRCUIT BREAKER, 10A, 277VAC/48VDC, 1-POLE, C CURVE, 10kAIC<br>MFG: EATON<br>#FAZ-C10/1-NA-SP | 2 | 0% | 2 | EA |  |  | \$ - | \$ 75 |  |  | - | \$ - | \$ - |
| 374            | CIRCUIT BREAKER, 2A, 277VAC/48VDC, 1-POLE, C CURVE, 10kAIC<br>MFG: EATON<br>#FAZ-C2/1-NA-SP   | 4 | 0% | 4 | EA |  |  | \$ - | \$ 75 |  |  | - | \$ - | \$ - |
|                |                                                                                               |   |    |   |    |  |  |      |       |  |  |   |      |      |
| <b>ECP 702</b> |                                                                                               |   |    |   |    |  |  |      |       |  |  |   |      |      |

Reckon Estimating

|     |                                                                                                                                                     |   |     |       |    |  |  |      |       |  |  |   |      |      |
|-----|-----------------------------------------------------------------------------------------------------------------------------------------------------|---|-----|-------|----|--|--|------|-------|--|--|---|------|------|
|     |                                                                                                                                                     |   |     |       |    |  |  |      |       |  |  |   |      |      |
|     | <b>CONDUCTORS</b>                                                                                                                                   |   |     |       |    |  |  |      |       |  |  |   |      |      |
| 375 | IFM Eternet Cable (P/N: E18422)                                                                                                                     | 7 | 10% | 7.403 | FT |  |  | \$ - | \$ 75 |  |  | - | \$ - | \$ - |
|     |                                                                                                                                                     |   |     |       |    |  |  |      |       |  |  |   |      |      |
|     | <b>DEVICES</b>                                                                                                                                      |   |     |       |    |  |  |      |       |  |  |   |      |      |
| 376 | 2"Wx4"H Wireway                                                                                                                                     | 7 | 0%  | 6.94  | FT |  |  | \$ - | \$ 75 |  |  | - | \$ - | \$ - |
| 377 | 24x20x10" STAINLESS STEEL, WALL-MOUNT ENCLOSURE, TYPE 4X<br>MFG: HOFFMAN<br>#A24H2010ALLP                                                           | 1 | 0%  | 1     | EA |  |  | \$ - | \$ 75 |  |  | - | \$ - | \$ - |
| 378 | 24 x 20 ENCLOSURE SUBPANEL<br>MFGL HOFFMAN<br>#A24P20                                                                                               | 1 | 0%  | 1     | EA |  |  | \$ - | \$ 75 |  |  | - | \$ - | \$ - |
| 379 | IO Link Master: Ethernet/IP Interface, 4 Io Ports/8 Digital Inputs/4<br>Digital Outputs, 24vdc Supply, Ip67 Protection<br>MFG: IFM<br>#A16H1208SSLP | 1 | 0%  | 1     | EA |  |  | \$ - | \$ 75 |  |  | - | \$ - | \$ - |
| 380 | Ethernet Cable; 5 M, (M12 Plug / Rj45 Plug) Pur; Housing Materials<br>Pur / Pc; Ip67 Protection<br>MFG: IFM<br>#489-M1C030                          | 1 | 0%  | 1     | EA |  |  | \$ - | \$ 75 |  |  | - | \$ - | \$ - |
| 381 | Power Cable; 0.5m, Rating: 60vac/12 Amps; T-Coded; Connector: 1 X<br>M12, Straight; Moulded Body: Pur, Ip67 Protection<br>MFG: IFM<br>#AL1120       | 1 | 0%  | 1     | EA |  |  | \$ - | \$ 75 |  |  | - | \$ - | \$ - |
| 382 | Y/T Splitter; Operating Voltage < 250 Vac; Housing Materials Housing:<br>Pa Orange; Sealing: Fkm; Ip67 Protection<br>MFG: IFM<br>#E11898            | 4 | 0%  | 4     | EA |  |  | \$ - | \$ 75 |  |  | - | \$ - | \$ - |
| 383 | Copper Ground Bar, 10 Taps<br>MFG: ILSCO<br>#D167-10                                                                                                | 1 | 0%  | 1     | EA |  |  | \$ - | \$ 75 |  |  | - | \$ - | \$ - |
| 384 | End Anchor, USED W/ 35MM DIN RAIL<br>MFG: AB<br>#1492-EAJ35                                                                                         | 2 | 0%  | 2     | EA |  |  | \$ - | \$ 75 |  |  | - | \$ - | \$ - |
| 385 | Screw Conn. Terminal Block; Gray Color, 30-12awg, Rated Voltage<br>600vac/Dc<br>MFG: AB<br>#1492-J3                                                 | 6 | 0%  | 6     | EA |  |  | \$ - | \$ 75 |  |  | - | \$ - | \$ - |
| 386 | Group Marker Carrier For Terminal Blocks<br>MFG:AB<br>#1492-GM35                                                                                    | 1 | 0%  | 1     | EA |  |  | \$ - | \$ 75 |  |  | - | \$ - | \$ - |
| 387 | Plug-In Center Jumper - 50 Pole, White (Can Be Cut To Lenght)<br>MFG: AB<br># 1492-EBJ16                                                            | 1 | 0%  | 1     | EA |  |  | \$ - | \$ 75 |  |  | - | \$ - | \$ - |
| 388 | Plug-In Center Jumper - 50 Pole, Blue (Can Be Cut To Lenght)<br>MFG: AB<br>#1492-CJLIJ5-50-W                                                        | 1 | 0%  | 1     | EA |  |  | \$ - | \$ 75 |  |  | - | \$ - | \$ - |

|                |                                                                                  |    |     |      |    |  |  |      |       |  |  |   |      |      |
|----------------|----------------------------------------------------------------------------------|----|-----|------|----|--|--|------|-------|--|--|---|------|------|
| 389            | 1492 Terminal Block ACCESSORIES: PARTITION PLATE, GREY<br>MFG: AB<br>#1492-EBJ16 | 1  | 0%  | 1    | EA |  |  | \$ - | \$ 75 |  |  | - | \$ - | \$ - |
|                |                                                                                  |    |     |      |    |  |  |      |       |  |  |   |      |      |
| <b>ECP 800</b> |                                                                                  |    |     |      |    |  |  |      |       |  |  |   |      |      |
|                |                                                                                  |    |     |      |    |  |  |      |       |  |  |   |      |      |
|                | <b>CONDUITS</b>                                                                  |    |     |      |    |  |  |      |       |  |  |   |      |      |
| 386            | 3/4" Liquid Tight Flexible Conduit                                               | 21 | 10% | 23.1 | FT |  |  | \$ - | \$ 75 |  |  | - | \$ - | \$ - |
| 387            | 1" EMT Conduit                                                                   | 20 | 10% | 22   | FT |  |  | \$ - | \$ 75 |  |  | - | \$ - | \$ - |
|                |                                                                                  |    |     |      |    |  |  |      |       |  |  |   |      |      |

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| CONDUCTORS |                                                                                                        |     |     |         |    |  |  |      |       |  |  |   |      |      |
|------------|--------------------------------------------------------------------------------------------------------|-----|-----|---------|----|--|--|------|-------|--|--|---|------|------|
| 388        | #18 Shieded CU THHN                                                                                    | 82  | 10% | 90.2    | FT |  |  | \$ - | \$ 75 |  |  | - | \$ - | \$ - |
| 389        | #10 CU THHN                                                                                            | 18  | 10% | 19.25   | FT |  |  | \$ - | \$ 75 |  |  | - | \$ - | \$ - |
| 390        | #8 CU THHN                                                                                             | 56  | 10% | 61.05   | FT |  |  | \$ - | \$ 75 |  |  | - | \$ - | \$ - |
| 391        | #6 CU THHN                                                                                             | 6   | 10% | 6.6     | FT |  |  | \$ - | \$ 75 |  |  | - | \$ - | \$ - |
| 392        | CAT 6                                                                                                  | 12  | 10% | 13.2    | FT |  |  | \$ - | \$ 75 |  |  | - | \$ - | \$ - |
| 393        | BELDEN 28334AS Cable                                                                                   | 103 | 10% | 112.827 | FT |  |  | \$ - | \$ 75 |  |  | - | \$ - | \$ - |
|            |                                                                                                        |     |     |         |    |  |  |      |       |  |  |   |      |      |
| DEVICES    |                                                                                                        |     |     |         |    |  |  |      |       |  |  |   |      |      |
| 394        | Motors                                                                                                 | 3   | 0%  | 3       | EA |  |  | \$ - | \$ 75 |  |  | - | \$ - | \$ - |
| 395        | MPCB-BLP-001 32-45 FLA                                                                                 | 1   | 0%  | 1       | EA |  |  | \$ - | \$ 75 |  |  | - | \$ - | \$ - |
| 396        | MPCB-BLP-002 32-45 FLA                                                                                 | 1   | 0%  | 1       | EA |  |  | \$ - | \$ 75 |  |  | - | \$ - | \$ - |
| 397        | MPCB-BLP-003 32-45 FLA                                                                                 | 1   | 0%  | 1       | EA |  |  | \$ - | \$ 75 |  |  | - | \$ - | \$ - |
| 398        | VFD-BLP-001 PowerFlex 753 31,2A Input Rating                                                           | 1   | 0%  | 1       | EA |  |  | \$ - | \$ 75 |  |  | - | \$ - | \$ - |
| 399        | VFD-BLP-002 PowerFlex 753 31,2A Input Rating                                                           | 1   | 0%  | 1       | EA |  |  | \$ - | \$ 75 |  |  | - | \$ - | \$ - |
| 400        | VFD-BLP-003 PowerFlex 753 31,2A Input Rating                                                           | 1   | 0%  | 1       | EA |  |  | \$ - | \$ 75 |  |  | - | \$ - | \$ - |
| 401        | 3 PHASE LINE REACTOR: 35 AMPS, 1.2 Mh (25 HP), OPEN STYLE<br>MFG: AB                                   | 3   | 0%  | 3       | EA |  |  | \$ - | \$ 75 |  |  | - | \$ - | \$ - |
| 402        | Ethernet Ip Port/120vac GFCI Receptacle, UI Type 4, 15amps<br>MFG: GRACEPORT<br>#P-R2-K3RF0            | 1   | 0%  | 1       | EA |  |  | \$ - | \$ 75 |  |  | - | \$ - | \$ - |
| 403        | 13" EXHAUST GRILL, TYPE 12, COLOR: LIGHT GRAY, UV-RESISTANT<br>MFG: HOFFMAN<br># HG1300404             | 1   | 0%  | 1       | EA |  |  | \$ - | \$ 75 |  |  | - | \$ - | \$ - |
| 404        | 13" Filtered Fan, Type 12, 484 Cfm, 120vac, Color: Light Gray<br>MFG: HOFFMAN<br># HF1316424           | 1   | 0%  | 1       | EA |  |  | \$ - | \$ 75 |  |  | - | \$ - | \$ - |
| 405        | 1492 Terminal Block Acessories: Partition Plate, Grey<br>MFG: AB<br>#1492-EBJ16                        | 8   | 0%  | 8       | EA |  |  | \$ - | \$ 75 |  |  | - | \$ - | \$ - |
| 406        | 15 Amp, 125vac, Nema 5-15p, 2-Pole, 3-Wire<br>MFG: LEVITON<br>#3W101-00E                               | 1   | 0%  | 1       | EA |  |  | \$ - | \$ 75 |  |  | - | \$ - | \$ - |
| 407        | 1500va/865w, 120vac, Battery Backup Ups, 10 X Nema 5-15p Outlets<br>MFG: APC<br>#BR1500G               | 1   | 0%  | 1       | EA |  |  | \$ - | \$ 75 |  |  | - | \$ - | \$ - |
| 408        | 18" X 18" Folding Shelf, White, 150 Lbs Load Rating<br>MFG: HOFFMAN<br># AASHLF1818                    | 1   | 0%  | 1       | EA |  |  | \$ - | \$ 75 |  |  | - | \$ - | \$ - |
| 409        | 2 Pole Fuse Block W/Blown Fuse Indicator- CLASS CC, 30 AMPS,<br>600VAC/DC<br>MFG: AB<br>#1492-FB2C30-L | 1   | 0%  | 1       | EA |  |  | \$ - | \$ 75 |  |  | - | \$ - | \$ - |
| 410        | 1Pole Fuse Block W/Blown Fuse Indicator- CLASS CC, 30 AMPS,<br>600VAC/DC<br>MFG: AB<br>#1492-FB1C30-L  | 1   | 0%  | 1       | EA |  |  | \$ - | \$ 75 |  |  | - | \$ - | \$ - |

|     |                                                                                                                                         |   |    |   |    |  |  |      |       |  |  |   |      |      |
|-----|-----------------------------------------------------------------------------------------------------------------------------------------|---|----|---|----|--|--|------|-------|--|--|---|------|------|
| 411 | 30.5MM TYPE 4/4X Mom. Contact Pb, Non-Illum., Black, Flush Hd, 1 No, Finger Safe Guards<br>MFG: AB<br>#800H-AR2D1                       | 1 | 0% | 1 | EA |  |  | \$ - | \$ 75 |  |  | - | \$ - | \$ - |
| 412 | 30.5mm TYPE 4/4X/13 2 POS. PB-ILLUM., Push-Pull/Twist, Red, Mushrm Hd, Led, 12...130V AC/DC, 1 NCLB-1 NO<br>MFG: AB<br>#800H-FRXTQH2RA1 | 1 | 0% | 1 | EA |  |  | \$ - | \$ 75 |  |  | - | \$ - | \$ - |

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|     |                                                                                                                              |    |    |    |    |  |  |      |       |  |  |   |      |      |
|-----|------------------------------------------------------------------------------------------------------------------------------|----|----|----|----|--|--|------|-------|--|--|---|------|------|
| 413 | 855T Stack Light Base, Black Housing, Surface Mount, 1/2" Npt, Cap Included<br>MFG: AB<br>#855T-BCBC                         | 1  | 0% | 1  | EA |  |  | \$ - | \$ 75 |  |  | - | \$ - | \$ - |
| 414 | CB Acessory: Busbar, 1P, 80A, 18-Poles, UI 489<br>MFG: EATON<br># Z-SV/UL-16/1P-1TE/18                                       | 1  | 0% | 1  | EA |  |  | \$ - | \$ 75 |  |  | - | \$ - | \$ - |
| 415 | CB Acessory: Busbar, 1P, 80A, 6-Poles, UI 489<br>MFG: EATON<br># Z-SV/UL-16/1P-1TE/6                                         | 2  | 0% | 2  | EA |  |  | \$ - | \$ 75 |  |  | - | \$ - | \$ - |
| 417 | Compact Duplex Receptacle W/ Led, 15a, Din Rail<br>MFG: WEIDMULLER<br>#6720005430                                            | 1  | 0% | 1  | EA |  |  | \$ - | \$ 75 |  |  | - | \$ - | \$ - |
| 418 | Contact Block, Shallow Profile, 1 No, 1 NC<br>MFG: AB<br>#800TC-XA                                                           | 2  | 0% | 2  | EA |  |  | \$ - | \$ 75 |  |  | - | \$ - | \$ - |
| 419 | CONTROL POWER TRANSFORMER, 1.0KVA, OPEN FRAME<br>MFG: HAMMOND<br>#SP1000MQMJ                                                 | 2  | 0% | 2  | EA |  |  | \$ - | \$ 75 |  |  | - | \$ - | \$ - |
| 420 | Copper Ground Bar, 10 Taps<br>MFG: ILSCO<br>#D167-10                                                                         | 5  | 0% | 5  | EA |  |  | \$ - | \$ 75 |  |  | - | \$ - | \$ - |
| 421 | CYLINDRICAL FUSE, 12 AMPS, TIME-DELAY/CLASS CC<br>MFG: MERSEN<br>#ATQR12                                                     | 1  | 0% | 1  | EA |  |  | \$ - | \$ 75 |  |  | - | \$ - | \$ - |
| 422 | CYLINDRICAL FUSE, 5 AMPS, TIME-DELAY/CLASS CC<br>MFG: MERSEN<br>#ATQRS                                                       | 1  | 0% | 1  | EA |  |  | \$ - | \$ 75 |  |  | - | \$ - | \$ - |
| 423 | End Anchor, Used W/ 35mm Din Rail<br>MFG: AB<br>#1492-EAJ35                                                                  | 25 | 0% | 25 | EA |  |  | \$ - | \$ 75 |  |  | - | \$ - | \$ - |
| 424 | FINGER GUARD FOR PRIM./SEC. SIDE<br>MFG: HAMMOND<br>#SPFG1                                                                   | 2  | 0% | 2  | EA |  |  | \$ - | \$ 75 |  |  | - | \$ - | \$ - |
| 425 | Flange Mount Handle Mechanism, 3-FT Flex CABLE, TYPE 1/3R/12, EG-FRAME<br>MFG: EATON<br>#EHMFS03                             | 1  | 0% | 1  | EA |  |  | \$ - | \$ 75 |  |  | - | \$ - | \$ - |
| 426 | Flex 5000 I/O - Communication Adapter, 1GB Ethernet/IP, 2 Rj45 Ports, Supports Up To 8 I/O Modules<br>MFG: AB<br>#5094-AENTR | 2  | 0% | 2  | EA |  |  | \$ - | \$ 75 |  |  | - | \$ - | \$ - |
| 427 | Flex 5000 I/O - Analog Input Module, Current/Voltage, 8-POINT<br>MFG: AB<br>#5094-IF8                                        | 3  | 0% | 3  | EA |  |  | \$ - | \$ 75 |  |  | - | \$ - | \$ - |

|     |                                                                                        |   |    |   |    |  |  |      |       |  |  |   |      |      |
|-----|----------------------------------------------------------------------------------------|---|----|---|----|--|--|------|-------|--|--|---|------|------|
| 428 | Flex 5000 I/O - ANALOG Output MODULE, Current/Voltage, 8-POINT<br>MFG: AB<br>#5094-OF8 | 1 | 0% | 1 | EA |  |  | \$ - | \$ 75 |  |  | - | \$ - | \$ - |
| 429 | Flex 5000 I/O - Discrete Input Module, 24VDC, 16-POINT<br>MFG: AB<br>#5094-IB16        | 2 | 0% | 2 | EA |  |  | \$ - | \$ 75 |  |  | - | \$ - | \$ - |
| 430 | Flex 5000 I/O - Discrete Output Module, 24VDC, 16-POINT<br>MFG: AB<br>#5094-OB16       | 2 | 0% | 2 | EA |  |  | \$ - | \$ 75 |  |  | - | \$ - | \$ - |
| 431 | Flex 5000 I/O - Mounting Base<br>MFG: AB<br>#5094-MB                                   | 8 | 0% | 8 | EA |  |  | \$ - | \$ 75 |  |  | - | \$ - | \$ - |

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|     |                                                                                                                                                               |   |    |   |    |    |   |    |    |   |    |   |    |   |
|-----|---------------------------------------------------------------------------------------------------------------------------------------------------------------|---|----|---|----|----|---|----|----|---|----|---|----|---|
| 432 | Flex 5000 I/O - Shield Bar For Analog Modules, Wire Range: #22...#14<br>AWG, RATING: 300VAC, 10AMP<br>MFG: AB<br>#5094-STB                                    | 4 | 0% | 4 | EA | \$ | - | \$ | 75 | - | \$ | - | \$ | - |
| 433 | Flex 5000 I/O -Removable Terminal Block<br>MFG: AB<br>#5094-RTB3                                                                                              | 8 | 0% | 8 | EA | \$ | - | \$ | 75 | - | \$ | - | \$ | - |
| 434 | Group Marker Carrier For Terminal Blocks<br>MFG: AB<br>#1492-GM35                                                                                             | 5 | 0% | 5 | EA | \$ | - | \$ | 75 | - | \$ | - | \$ | - |
| 435 | Guardmaster Safety Relay, 24VDC COIL, 3 NO, 1 NC<br>MFG: AB<br># 440R-S13R2                                                                                   | 1 | 0% | 1 | EA | \$ | - | \$ | 75 | - | \$ | - | \$ | - |
| 436 | IEC MOTOR PROTECTION CIRCUIT BREAKER, STANDARD MAGNETIC<br>TRIP, 140M (F-FRAME), RANGE 32...45A<br>MFG: AB<br>#140M-F8E-C45                                   | 3 | 0% | 3 | EA | \$ | - | \$ | 75 | - | \$ | - | \$ | - |
| 437 | MULTIWIRE CONNECTORS, 6 OPENINGS, #14 - #6 AWG RANGE, EG-<br>FRAME, 125A MAX<br>MFG: EATON<br>PF750 Dual-Port Ethernet/Ip Module                              | 1 | 0% | 1 | EA | \$ | - | \$ | 75 | - | \$ | - | \$ | - |
| 438 | MFG: AB                                                                                                                                                       | 3 | 0% | 3 | EA | \$ | - | \$ | 75 | - | \$ | - | \$ | - |
| 439 | PF750 Safe torque Off Module<br>MFG: AB<br>#20-750-S                                                                                                          | 3 | 0% | 3 | EA | \$ | - | \$ | 75 | - | \$ | - | \$ | - |
| 440 | Plexiglass Protective Barrier (To Be Assembled By Panel Builder)<br>Plug-In Center Jumper - 50 Pole, Blue (Can Be Cut To Lenght)                              | 1 | 0% | 1 | EA | \$ | - | \$ | 75 | - | \$ | - | \$ | - |
| 441 | MFG: AB<br>#1492-CJLJ5-50-BL                                                                                                                                  | 2 | 0% | 2 | EA | \$ | - | \$ | 75 | - | \$ | - | \$ | - |
| 442 | Plug-In Center Jumper - 50 Pole, Red (Can Be Cut To Lenght)<br>MFG: AB<br>#1492-CJLJ5-50-R                                                                    | 1 | 0% | 1 | EA | \$ | - | \$ | 75 | - | \$ | - | \$ | - |
| 443 | Plug-In Center Jumper - 50 Pole, White (Can Be Cut To Lenght)<br>MFG: AB<br>#1492-CJLJ5-50-W                                                                  | 3 | 0% | 3 | EA | \$ | - | \$ | 75 | - | \$ | - | \$ | - |
| 444 | Power Supply, Input: 110/240VAC, OUTPUT: 20A, 24VDC, 480W<br>MFG: SOLAHD<br># 20-24-100C                                                                      | 1 | 0% | 1 | EA | \$ | - | \$ | 75 | - | \$ | - | \$ | - |
| 445 | PowerFlex 753 Ac Drive, W/Embedded I/O, 34amps, 25hp, 480vac,<br>3ph, Frame 3, Filtered, CM Jumper Installed, Db Transistor<br>MFG: AB<br>#20F11ND034JA0NNNNN | 3 | 0% | 3 | EA | \$ | - | \$ | 75 | - | \$ | - | \$ | - |
| 446 | PowerFlex Human Interface Module, Enhanced Lcd Display, Full<br>Numeric Keypad, Nema 1<br>MFG: AB<br>#20-HIM-A6                                               | 3 | 0% | 3 | EA | \$ | - | \$ | 75 | - | \$ | - | \$ | - |
| 447 | PUSHBUTTON PROTECTIVE GUARD, STAINLESS STEEL<br>MFG: AB<br>#800T-N310                                                                                         | 1 | 0% | 1 | EA | \$ | - | \$ | 75 | - | \$ | - | \$ | - |

[illegible]

|     |                                                                                                                                     |    |    |    |    |  |  |      |       |  |  |   |      |      |
|-----|-------------------------------------------------------------------------------------------------------------------------------------|----|----|----|----|--|--|------|-------|--|--|---|------|------|
| 450 | Temperature Control Switch, 1 No Contact, 120/250vac, Temp.: 30...140 F<br>MFG: HOFFMAN<br>#A-TEMNO                                 | 1  | 0% | 1  | EA |  |  | \$ - | \$ 75 |  |  | - | \$ - | \$ - |
| 451 | Terminal Block Style Relay: 6A, 1 Form C, Electromechanical Relay Output, Screw Terminal, 24vac/Vdc Coil<br>MFG: AB<br>#700-HLT1U24 | 24 | 0% | 24 | EA |  |  | \$ - | \$ 75 |  |  | - | \$ - | \$ - |
| 452 | TERMINAL SHIELDS, IP30 - EG-FRAME<br>MFG: EATON<br>#EFTS3K                                                                          | 2  | 0% | 2  | EA |  |  | \$ - | \$ 75 |  |  | - | \$ - | \$ - |
| 453 | Unmanaged Ethernet Switch, 16 PORTS, 10/100MBPS, Din Rail, RJ45 Port - Copper<br>MFG: N-TRON<br>#116TX                              | 1  | 0% | 1  | EA |  |  | \$ - | \$ 75 |  |  | - | \$ - | \$ - |
|     |                                                                                                                                     |    |    |    |    |  |  |      |       |  |  |   |      |      |
|     | <b>LIGHTING</b>                                                                                                                     |    |    |    |    |  |  |      |       |  |  |   |      |      |
| 454 | 20-60vdc Led Enclosure Light, 13.8", Mounting Style: Magnetic, Ir Motion Sensor<br>MFG: HOFFMAN<br>#LEDD2M35                        | 1  | 0% | 1  | EA |  |  | \$ - | \$ 75 |  |  | - | \$ - | \$ - |
| 455 | Led Light Cable Assembly, 78.7" (2000 Mm) Long, Use With Dc Power<br>MFG: HOFFMAN<br>#LEDD20C                                       | 1  | 0% | 1  | EA |  |  | \$ - | \$ 75 |  |  | - | \$ - | \$ - |
|     |                                                                                                                                     |    |    |    |    |  |  |      |       |  |  |   |      |      |
|     | <b>CIRCUIT BREAKERS</b>                                                                                                             |    |    |    |    |  |  |      |       |  |  |   |      |      |
| 456 | Circuit Breaker, 2A, 480/277VAC/48VDC, 1-POLE, C-CURVE, 10kAIC, UL 489<br>MFG: EATON<br>#FAZ-C2/1-NA-SP                             | 21 | 0% | 21 | EA |  |  | \$ - | \$ 75 |  |  | - | \$ - | \$ - |
| 457 | Circuit Breaker, 3A, 480/277VAC/48VDC, 1-POLE, C-CURVE, 10kAIC, UL 489<br>MFG: EATON<br>#FAZ-C3/1-NA-SP                             | 3  | 0% | 3  | EA |  |  | \$ - | \$ 75 |  |  | - | \$ - | \$ - |
| 458 | Circuit Breaker, 5A, 480/277VAC/48VDC, 1-POLE, C-CURVE, 10kAIC, UL 489<br>MFG: EATON<br>#FAZ-C5/1-NA-SP                             | 3  | 0% | 3  | EA |  |  | \$ - | \$ 75 |  |  | - | \$ - | \$ - |
| 459 | Circuit Breaker, 10A, 480/277VAC/48VDC, 1-POLE, C-CURVE, 10kAIC, UL 489<br>MFG: EATON<br>#FAZ-C10/1-NA-SP                           | 1  | 0% | 1  | EA |  |  | \$ - | \$ 75 |  |  | - | \$ - | \$ - |
| 460 | Circuit Breaker, 8A, 480/277VAC/48VDC, 1-POLE, C-CURVE, 10kAIC, UL 489<br>MFG: EATON<br>#FAZ-C8/1-NA-SP                             | 1  | 0% | 1  | EA |  |  | \$ - | \$ 75 |  |  | - | \$ - | \$ - |
| 461 | Circuit Breaker, 16A, 480/277VAC/48VDC, 1-POLE, C-CURVE, 10kAIC, UL 489                                                             | 1  | 0% | 1  | EA |  |  | \$ - | \$ 75 |  |  | - | \$ - | \$ - |

|     |                                                                                                   |   |    |   |    |  |  |      |       |  |  |   |      |      |
|-----|---------------------------------------------------------------------------------------------------|---|----|---|----|--|--|------|-------|--|--|---|------|------|
| 462 | CIRCUIT BREAKER - E125 FRAME, 125AMPS, FIXED THERMAL & MAGNETIC TRIP<br>MFG: EATON<br>#EGB3125FFG | 1 | 0% | 1 | EA |  |  | \$ - | \$ 75 |  |  | - | \$ - | \$ - |
|     |                                                                                                   |   |    |   |    |  |  |      |       |  |  |   |      |      |
|     | <b>DISCONNECT SWITCH</b>                                                                          |   |    |   |    |  |  |      |       |  |  |   |      |      |
| 463 | Disconnect Disc-BLP-001 To be Installed and Supplied By EC                                        | 1 | 0% | 1 | EA |  |  | \$ - | \$ 75 |  |  | - | \$ - | \$ - |
| 464 | Disconnect Disc-BLP-002 To be Installed and Supplied By EC                                        | 1 | 0% | 1 | EA |  |  | \$ - | \$ 75 |  |  | - | \$ - | \$ - |
| 465 | Disconnect Disc-BLP-003 To be Installed and Supplied By EC                                        | 1 | 0% | 1 | EA |  |  | \$ - | \$ 75 |  |  | - | \$ - | \$ - |

Reckon Estimating

|         |                                                                                                                                           |     |     |       |    |  |  |      |       |  |  |   |      |      |
|---------|-------------------------------------------------------------------------------------------------------------------------------------------|-----|-----|-------|----|--|--|------|-------|--|--|---|------|------|
|         |                                                                                                                                           |     |     |       |    |  |  |      |       |  |  |   |      |      |
| ECP 901 |                                                                                                                                           |     |     |       |    |  |  |      |       |  |  |   |      |      |
|         |                                                                                                                                           |     |     |       |    |  |  |      |       |  |  |   |      |      |
|         | CONDUITS                                                                                                                                  |     |     |       |    |  |  |      |       |  |  |   |      |      |
| 466     | 3/4" EMT Conduit                                                                                                                          | 55  | 10% | 60.5  | FT |  |  | \$ - | \$ 75 |  |  | - | \$ - | \$ - |
|         |                                                                                                                                           |     |     |       |    |  |  |      |       |  |  |   |      |      |
|         | CONDUCTORS                                                                                                                                |     |     |       |    |  |  |      |       |  |  |   |      |      |
| 467     | #12 CU THHN                                                                                                                               | 165 | 10% | 181.5 | FT |  |  | \$ - | \$ 75 |  |  | - | \$ - | \$ - |
| 468     | CAT 6                                                                                                                                     | 7   | 10% | 7.414 | FT |  |  | \$ - | \$ 75 |  |  | - | \$ - | \$ - |
|         |                                                                                                                                           |     |     |       |    |  |  |      |       |  |  |   |      |      |
|         | DEVICES                                                                                                                                   |     |     |       |    |  |  |      |       |  |  |   |      |      |
| 469     | 1"Wx4"H Wireway                                                                                                                           | 7   | 0%  | 6.5   | FT |  |  | \$ - | \$ 75 |  |  | - | \$ - | \$ - |
| 470     | Houses A Variety Of Electronic Cntrl/Instrumentation Devices<br>MFG: HOFFMAN<br>#C20C20                                                   | 1   | 0%  | 1     | EA |  |  | \$ - | \$ 75 |  |  | - | \$ - | \$ - |
| 471     | Straight Pedestal Column 4x4x35<br>MFG: HOFFMAN<br>#A44CCOL                                                                               | 1   | 0%  | 1     | EA |  |  | \$ - | \$ 75 |  |  | - | \$ - | \$ - |
| 472     | Pedestal Base<br>MFG: HOFFMAN<br>#A18SBASE                                                                                                | 1   | 0%  | 1     | EA |  |  | \$ - | \$ 75 |  |  | - | \$ - | \$ - |
| 473     | Power Supply, INPUT: 110/240VAC, OUTPUT: 5A, 24VDC, 120W<br>MFG: SOLHD<br>#SDN 5-24-100P                                                  | 1   | 0%  | 1     | EA |  |  | \$ - | \$ 75 |  |  | - | \$ - | \$ - |
| 474     | Panelview Plus 7 Performance Terminal, Touch Screen, 12", 24VDC,<br>Ethernet/IP, WINDOWS CE OS LICENSE PRO<br>MFG: AB<br>#2711P-T12W22D9P | 1   | 0%  | 1     | EA |  |  | \$ - | \$ 75 |  |  | - | \$ - | \$ - |
| 475     | Copper Ground Bar, 10 Taps<br>MFG: ILSCO<br>#D167-10                                                                                      | 1   | 0%  | 1     | EA |  |  | \$ - | \$ 75 |  |  | - | \$ - | \$ - |
| 476     | 32 GB, CLASS 2, SDHC Flash Memory Card<br>MFG: SCANDISK<br>#SDSDB-032G-B35                                                                | 1   | 0%  | 1     | EA |  |  | \$ - | \$ 75 |  |  | - | \$ - | \$ - |
| 477     | End Anchor, USED W/ 35MM DIN RAIL<br>MFG: AB<br>#1492-EAJ35                                                                               | 8   | 0%  | 8     | EA |  |  | \$ - | \$ 75 |  |  | - | \$ - | \$ - |
| 478     | Screw Conn. Terminal Block; Gray Color, 30-12awg, Rated Voltage<br>600vac/Dc<br>MFG: AB<br>#1492-J3                                       | 10  | 0%  | 10    | EA |  |  | \$ - | \$ 75 |  |  | - | \$ - | \$ - |
| 479     | 1492 Terminal Block Acessories: Partition Plate, Grey<br>MFG: AB<br>#1492-EBJ16                                                           | 2   | 0%  | 2     | EA |  |  | \$ - | \$ 75 |  |  | - | \$ - | \$ - |
| 480     | Plug-In Center Jumper - 50 Pole, White (Can Be Cut To Lenght)<br>MFG: AB<br>#1492-CJLJ5-50-W                                              | 2   | 0%  | 2     | EA |  |  | \$ - | \$ 75 |  |  | - | \$ - | \$ - |

|     |                                                                                              |   |    |   |    |  |  |      |       |  |  |   |      |      |
|-----|----------------------------------------------------------------------------------------------|---|----|---|----|--|--|------|-------|--|--|---|------|------|
| 481 | Plug-In Center Jumper - 50 Pole, Blue (Can Be Cut To Lenght)<br>MFG: AB<br>#1492-CJLJ5-50-BL | 1 | 0% | 1 | EA |  |  | \$ - | \$ 75 |  |  | - | \$ - | \$ - |
| 482 | Plug-In Center Jumper - 50 Pole, Red (Can Be Cut To Lenght)<br>MFG: AB<br>#1492-CJLJ5-50-R   | 1 | 0% | 1 | EA |  |  | \$ - | \$ 75 |  |  | - | \$ - | \$ - |
| 483 | Group Marker Carrier For Terminal Blocks<br>MFG: AB<br>#1492-GM35                            | 1 | 0% | 1 | EA |  |  | \$ - | \$ 75 |  |  | - | \$ - | \$ - |
|     |                                                                                              |   |    |   |    |  |  |      |       |  |  |   |      |      |

Reckon Estimating

|     |                                                                                                                                        |     |     |      |    |  |  |      |       |  |  |   |      |      |
|-----|----------------------------------------------------------------------------------------------------------------------------------------|-----|-----|------|----|--|--|------|-------|--|--|---|------|------|
|     | <b>CIRCUIT BRFEAKERS</b>                                                                                                               |     |     |      |    |  |  |      |       |  |  |   |      |      |
| 484 | Circuit Breaker, 3A, 480/277VAC/48VDC, 1-POLE, C-CURVE, 10kAIC, UL 489<br>MFG: EATON<br>#FAZ-C3/1-NA-SP                                | 1   | 0%  | 1    | EA |  |  | \$ - | \$ 75 |  |  | - | \$ - | \$ - |
| 485 | Circuit Breaker, 5A, 480/277VAC/48VDC, 1-POLE, C-CURVE, 10kAIC, UL 489<br>MFG: EATON<br>#FAZ-C5/1-NA-SP                                | 1   | 0%  | 1    | EA |  |  | \$ - | \$ 75 |  |  | - | \$ - | \$ - |
|     |                                                                                                                                        |     |     |      |    |  |  |      |       |  |  |   |      |      |
|     | <b>ECP 902</b>                                                                                                                         |     |     |      |    |  |  |      |       |  |  |   |      |      |
|     |                                                                                                                                        |     |     |      |    |  |  |      |       |  |  |   |      |      |
|     | <b>CONDUITS</b>                                                                                                                        |     |     |      |    |  |  |      |       |  |  |   |      |      |
| 486 | 3/4" EMT Conduit                                                                                                                       | 50  | 10% | 55   | FT |  |  | \$ - | \$ 75 |  |  | - | \$ - | \$ - |
|     |                                                                                                                                        |     |     |      |    |  |  |      |       |  |  |   |      |      |
|     | <b>CONDUCTORS</b>                                                                                                                      |     |     |      |    |  |  |      |       |  |  |   |      |      |
| 487 | #12 CU THHN                                                                                                                            | 150 | 10% | 165  | FT |  |  | \$ - | \$ 75 |  |  | - | \$ - | \$ - |
| 488 | CAT 6                                                                                                                                  | 20  | 10% | 22   | FT |  |  | \$ - | \$ 75 |  |  | - | \$ - | \$ - |
|     |                                                                                                                                        |     |     |      |    |  |  |      |       |  |  |   |      |      |
|     | <b>DEVICES</b>                                                                                                                         |     |     |      |    |  |  |      |       |  |  |   |      |      |
| 489 | 1"Wx4"H Wireway                                                                                                                        | 5   | 0%  | 4.53 | FT |  |  | \$ - | \$ 75 |  |  | - | \$ - | \$ - |
| 490 | Houses A Variety Of Electronic Cntrl/Instrumentation Devices<br>MFG: HOFFMAN<br>#C20C20                                                | 1   | 0%  | 1    | EA |  |  | \$ - | \$ 75 |  |  | - | \$ - | \$ - |
| 491 | Straight Pedestal Column 4x4x35<br>MFG: HOFFMAN<br>#A44CCOL                                                                            | 1   | 0%  | 1    | EA |  |  | \$ - | \$ 75 |  |  | - | \$ - | \$ - |
| 492 | Pedestal base<br>MFG: HOFFMAN<br>#A18SBASE                                                                                             | 1   | 0%  | 1    | EA |  |  | \$ - | \$ 75 |  |  | - | \$ - | \$ - |
| 493 | Power Supply, INPUT: 110/240VAC, OUTPUT: 5A, 24VDC, 120W<br>MFG: SOLHD<br>#SDN 5-24-100P                                               | 1   | 0%  | 1    | EA |  |  | \$ - | \$ 75 |  |  | - | \$ - | \$ - |
| 494 | PANELVIEW PLUS 7 PERFORMANCE TERMINAL, TOUCH SCREEN, 12", 24VDC, Ethernet/IP, WINDOWS CE OS LICENSE PRO<br>MFG: AB<br>#2711P-T12W22D9P | 1   | 0%  | 1    | EA |  |  | \$ - | \$ 75 |  |  | - | \$ - | \$ - |
| 495 | Copper Ground Bar, 10 Taps<br>MFG: ILSCO<br>#D167-10                                                                                   | 1   | 0%  | 1    | EA |  |  | \$ - | \$ 75 |  |  | - | \$ - | \$ - |
| 496 | 32 GB, CLASS 2, SDHC FLASH MEMORY CARD<br>MFG: SCANDISK<br>#SDSDB-032G-B35                                                             | 1   | 0%  | 1    | EA |  |  | \$ - | \$ 75 |  |  | - | \$ - | \$ - |
| 497 | End Anchor, USED W/ 35MM DIN RAIL<br>MFG: AB<br>#1492-EAJ35                                                                            | 8   | 0%  | 8    | EA |  |  | \$ - | \$ 75 |  |  | - | \$ - | \$ - |

|     |                                                                                                     |    |    |    |    |  |  |      |       |  |  |   |      |      |
|-----|-----------------------------------------------------------------------------------------------------|----|----|----|----|--|--|------|-------|--|--|---|------|------|
| 498 | Screw Conn. Terminal Block; Gray Color, 30-12awg, Rated Voltage<br>600vac/Dc<br>MFG: AB<br>#1492-J3 | 10 | 0% | 10 | EA |  |  | \$ - | \$ 75 |  |  | - | \$ - | \$ - |
| 499 | 1492 Terminal Block Acessories: Partition Plate, Grey<br>MFG: AB<br>#1492-EBJ16                     | 2  | 0% | 2  | EA |  |  | \$ - | \$ 75 |  |  | - | \$ - | \$ - |
| 500 | Plug-In Center Jumper - 50 Pole, White (Can Be Cut To Lenght)<br>MFG: AB<br>#1492-CJLJ5-50-W        | 2  | 0% | 2  | EA |  |  | \$ - | \$ 75 |  |  | - | \$ - | \$ - |

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|                |                                                                                                         |      |     |          |    |  |  |      |       |  |  |   |      |      |
|----------------|---------------------------------------------------------------------------------------------------------|------|-----|----------|----|--|--|------|-------|--|--|---|------|------|
| 501            | Plug-In Center Jumper - 50 Pole, Blue (Can Be Cut To Lenght)<br>MFG: AB<br>#1492-CJLJ5-50-BL            | 1    | 0%  | 1        | EA |  |  | \$ - | \$ 75 |  |  | - | \$ - | \$ - |
| 502            | Plug-In Center Jumper - 50 Pole, Red (Can Be Cut To Lenght)<br>MFG: AB<br>#1492-CJLJ5-50-R              | 1    | 0%  | 1        | EA |  |  | \$ - | \$ 75 |  |  | - | \$ - | \$ - |
| 503            | Group Marker Carrier For Terminal Blocks<br>MFG: AB<br>#1492-GM35                                       | 1    | 0%  | 1        | EA |  |  | \$ - | \$ 75 |  |  | - | \$ - | \$ - |
|                |                                                                                                         |      |     |          |    |  |  |      |       |  |  |   |      |      |
|                | <b>CIRCUIT BRFEAKERS</b>                                                                                |      |     |          |    |  |  |      |       |  |  |   |      |      |
| 504            | Circuit Breaker, 3A, 480/277VAC/48VDC, 1-POLE, C-CURVE, 10kAIC, UL 489<br>MFG: EATON<br>#FAZ-C3/1-NA-SP | 1    | 0%  | 1        | EA |  |  | \$ - | \$ 75 |  |  | - | \$ - | \$ - |
| 505            | Circuit Breaker, 5A, 480/277VAC/48VDC, 1-POLE, C-CURVE, 10kAIC, UL 489<br>MFG: EATON<br>#FAZ-C5/1-NA-SP | 1    | 0%  | 1        | EA |  |  | \$ - | \$ 75 |  |  | - | \$ - | \$ - |
|                |                                                                                                         |      |     |          |    |  |  |      |       |  |  |   |      |      |
| <b>ECP 911</b> |                                                                                                         |      |     |          |    |  |  |      |       |  |  |   |      |      |
|                |                                                                                                         |      |     |          |    |  |  |      |       |  |  |   |      |      |
|                | <b>CONDUITS</b>                                                                                         |      |     |          |    |  |  |      |       |  |  |   |      |      |
| 506            | 3/4" Liquid Tight Flexible Conduit                                                                      | 20   | 10% | 22       | FT |  |  | \$ - | \$ 75 |  |  | - | \$ - | \$ - |
| 507            | 3/4" EMT Conduit                                                                                        | 30   | 10% | 33       | FT |  |  | \$ - | \$ 75 |  |  | - | \$ - | \$ - |
|                |                                                                                                         |      |     |          |    |  |  |      |       |  |  |   |      |      |
|                | <b>CONDUCTORS</b>                                                                                       |      |     |          |    |  |  |      |       |  |  |   |      |      |
| 508            | #16 CU THHN                                                                                             | 50   | 10% | 55       | FT |  |  | \$ - | \$ 75 |  |  | - | \$ - | \$ - |
| 509            | #18 (Assumed Wire Size For Controls)                                                                    | 4724 | 10% | 5196.774 | FT |  |  | \$ - | \$ 75 |  |  | - | \$ - | \$ - |
| 510            | #18 Shielded CU THHN                                                                                    | 40   | 10% | 44       | FT |  |  | \$ - | \$ 75 |  |  | - | \$ - | \$ - |
| 511            | BELDEN 28334AS                                                                                          | 150  | 10% | 165      | FT |  |  | \$ - | \$ 75 |  |  | - | \$ - | \$ - |
| 512            | CAT 6                                                                                                   | 30   | 10% | 33       | FT |  |  | \$ - | \$ 75 |  |  | - | \$ - | \$ - |
| 513            | #12 CU THHN                                                                                             | 90   | 10% | 99       | FT |  |  | \$ - | \$ 75 |  |  | - | \$ - | \$ - |
|                |                                                                                                         |      |     |          |    |  |  |      |       |  |  |   |      |      |
|                | <b>DEVICES</b>                                                                                          |      |     |          |    |  |  |      |       |  |  |   |      |      |
| 513            | Line Reactors 3% Z                                                                                      | 2    | 0%  | 2        | EA |  |  | \$ - | \$ 75 |  |  | - | \$ - | \$ - |
| 514            | Motor Connection                                                                                        | 2    | 0%  | 2        | EA |  |  | \$ - | \$ 75 |  |  | - | \$ - | \$ - |
| 515            | MPCB-BLP-011 10...16A                                                                                   | 1    | 0%  | 1        | EA |  |  | \$ - | \$ 75 |  |  | - | \$ - | \$ - |
| 516            | MPCB-BLP-021 10...16A                                                                                   | 1    | 0%  | 1        | EA |  |  | \$ - | \$ 75 |  |  | - | \$ - | \$ - |
| 517            | VFD-BLP-011 PowerFlex 753 9.5A Input Rating                                                             | 1    | 0%  | 1        | EA |  |  | \$ - | \$ 75 |  |  | - | \$ - | \$ - |
| 518            | VFD-BLP-021 PowerFlex 753 9.5A Input Rating                                                             | 1    | 0%  | 1        | EA |  |  | \$ - | \$ 75 |  |  | - | \$ - | \$ - |
| 519            | Ethernet Ip Port/120vac GFCI Receptacle, UI Type 4, 15amps<br>MFG: GRACEPORT<br>#P-R2-K3RF0             | 1    | 0%  | 1        | EA |  |  | \$ - | \$ 75 |  |  | - | \$ - | \$ - |
| 520            | 13" Exhaust Grill, TYPE 12, COLOR: LIGHT GRAY, UV-RESISTANT<br>MFG: HOFFMAN<br>#HG1300404               | 1    | 0%  | 1        | EA |  |  | \$ - | \$ 75 |  |  | - | \$ - | \$ - |

|     |                                                                                              |   |    |   |    |  |  |      |       |  |  |   |      |      |
|-----|----------------------------------------------------------------------------------------------|---|----|---|----|--|--|------|-------|--|--|---|------|------|
| 521 | 13" Filtered Fan, Type 12, 484 Cfm, 120vac, Color: Light Gray<br>MFG: HOFFMAN<br># HF1316424 | 1 | 0% | 1 | EA |  |  | \$ - | \$ 75 |  |  | - | \$ - | \$ - |
| 522 | 1492 Terminal Block Acessories: Partition Plate, Grey<br>MFG: AB<br>#1492-EBJ16              | 8 | 0% | 8 | EA |  |  | \$ - | \$ 75 |  |  | - | \$ - | \$ - |
| 523 | 15 Amp, 125vac, Nema 5-15p, 2-Pole, 3-Wire<br>MFG: LEVITON<br>#3W101-00E                     | 1 | 0% | 1 | EA |  |  | \$ - | \$ 75 |  |  | - | \$ - | \$ - |

Reckon Estimating

|     |                                                                                                                                         |   |    |   |    |  |  |      |       |  |  |   |      |      |
|-----|-----------------------------------------------------------------------------------------------------------------------------------------|---|----|---|----|--|--|------|-------|--|--|---|------|------|
| 524 | 1500VA/865W, 120VAC, Battery Backup Ups, 10 X Nema 5-15P Outlets<br>MFG: APC<br>#BR1500G                                                | 1 | 0% | 1 | EA |  |  | \$ - | \$ 75 |  |  | - | \$ - | \$ - |
| 525 | 18" X 18" Folding Shelf, White, 150 Lbs Load Rating<br>MFG: HOFFMAN<br># AASHLF1818                                                     | 1 | 0% | 1 | EA |  |  | \$ - | \$ 75 |  |  | - | \$ - | \$ - |
| 526 | 1Pole Fuse Block W/Blown Fuse Indicator- CLASS CC, 30 AMPS, 600VAC/DC<br>MFG: AB<br>#1492-FB1C30-L                                      | 1 | 0% | 1 | EA |  |  | \$ - | \$ 75 |  |  | - | \$ - | \$ - |
| 527 | 2 Pole Fuse Block W/Blown Fuse Indicator- CLASS CC, 30 AMPS, 600VAC/DC<br>MFG: AB<br>#1492-FB2C30-L                                     | 1 | 0% | 1 | EA |  |  | \$ - | \$ 75 |  |  | - | \$ - | \$ - |
| 528 | 30.5MM TYPE 4/4X Mom. Contact Pb, Non-Illum., Black, Flush Hd, 1 No, Finger Safe Guards<br>MFG: AB<br>#800H-AR2D1                       | 1 | 0% | 1 | EA |  |  | \$ - | \$ 75 |  |  | - | \$ - | \$ - |
| 529 | 30.5mm TYPE 4/4X/13 2 POS. PB-ILLUM., Push-Pull/Twist, Red, Mushrm Hd, Led, 12...130V AC/DC, 1 NCLB-1 NO<br>MFG: AB<br>#800H-FRXTQH2RA1 | 1 | 0% | 1 | EA |  |  | \$ - | \$ 75 |  |  | - | \$ - | \$ - |
| 530 | 855T Stack Light Base, Black Housing, Surface Mount, 1/2" Npt, Cap Included<br>MFG: AB<br>#855T-BCBC                                    | 1 | 0% | 1 | EA |  |  | \$ - | \$ 75 |  |  | - | \$ - | \$ - |
| 531 | Ab Stack Light Module, 70mm, Black Housing, 855t, Red, Steady Incandescent, 24vac/Dc<br>MFG: AB<br>#855T-B24DD4                         | 1 | 0% | 1 | EA |  |  | \$ - | \$ 75 |  |  | - | \$ - | \$ - |
| 532 | CB Acessory: Busbar, 1P, 80A, 18-Poles, UI 489<br>MFG: EATON<br># Z-SV/UL-16/1P-1TE/18                                                  | 1 | 0% | 1 | EA |  |  | \$ - | \$ 75 |  |  | - | \$ - | \$ - |
| 533 | CB Acessory: Busbar, 1P, 80A, 6-Poles, UI 489<br>MFG: EATON<br># Z-SV/UL-16/1P-1TE/6                                                    | 2 | 0% | 2 | EA |  |  | \$ - | \$ 75 |  |  | - | \$ - | \$ - |
| 534 | Compact Duplex Receptacle W/ Led, 15a, Din Rail<br>MFG: WEIDMULLER<br>#6720005430                                                       | 1 | 0% | 1 | EA |  |  | \$ - | \$ 75 |  |  | - | \$ - | \$ - |
| 535 | Contact Block, Shallow Profile, 1 No, 1 NC<br>MFG: AB<br>#800TC-XA                                                                      | 2 | 0% | 2 | EA |  |  | \$ - | \$ 75 |  |  | - | \$ - | \$ - |
| 536 | CONTROL POWER TRANSFORMER, 1.0KVA, OPEN FRAME<br>MFG: HAMMOND<br>#SP1000MQMJ                                                            | 1 | 0% | 1 | EA |  |  | \$ - | \$ 75 |  |  | - | \$ - | \$ - |

|     |                                                                          |    |    |    |    |  |  |      |       |  |  |   |      |      |
|-----|--------------------------------------------------------------------------|----|----|----|----|--|--|------|-------|--|--|---|------|------|
| 537 | Copper Ground Bar, 10 Taps<br>MFG: ILSCO<br>#D167-10                     | 5  | 0% | 5  | EA |  |  | \$ - | \$ 75 |  |  | - | \$ - | \$ - |
| 538 | CYLINDRICAL FUSE, 12 AMPS, TIME-DELAY/CLASS CC<br>MFG: MERSEN<br>#ATQR12 | 1  | 0% | 1  | EA |  |  | \$ - | \$ 75 |  |  | - | \$ - | \$ - |
| 539 | CYLINDRICAL FUSE, 5 AMPS, TIME-DELAY/CLASS CC<br>MFG: MERSEN<br>#ATQRS   | 2  | 0% | 2  | EA |  |  | \$ - | \$ 75 |  |  | - | \$ - | \$ - |
| 540 | End Anchor, Used W/ 35mm Din Rail<br>MFG: AB<br>#1492-EAJ35              | 24 | 0% | 24 | EA |  |  | \$ - | \$ 75 |  |  | - | \$ - | \$ - |

Reckon Estimating

|     |                                                                                                                              |   |    |   |    |  |  |      |       |  |  |   |      |      |
|-----|------------------------------------------------------------------------------------------------------------------------------|---|----|---|----|--|--|------|-------|--|--|---|------|------|
| 541 | FINGER GUARD FOR PRIM./SEC. SIDE<br>MFG: HAMMOND<br>#SPFG1                                                                   | 2 | 0% | 2 | EA |  |  | \$ - | \$ 75 |  |  | - | \$ - | \$ - |
| 542 | FLANGE MOUNT HANDLE MECHANISM, 3-FT Flex CABLE, TYPE 1/3R/12, EG-FRAME<br>MFG: EATON<br>#EHMFS03                             | 1 | 0% | 1 | EA |  |  | \$ - | \$ 75 |  |  | - | \$ - | \$ - |
| 543 | Flex 5000 I/O - Communication Adapter, 1GB Ethernet/IP, 2 RJ45 Ports, Supports Up To 8 I/O Modules<br>MFG: AB<br>#5094-AENTR | 2 | 0% | 2 | EA |  |  | \$ - | \$ 75 |  |  | - | \$ - | \$ - |
| 544 | Flex 5000 I/O - Analog Input Module, Current/Voltage, 8-POINT<br>MFG: AB<br>#5094-IF8                                        | 4 | 0% | 4 | EA |  |  | \$ - | \$ 75 |  |  | - | \$ - | \$ - |
| 545 | Flex 5000 I/O - Analog Input Module, Current/Voltage, 8-POINT<br>MFG: AB<br>#5094-IF8                                        | 3 | 0% | 3 | EA |  |  | \$ - | \$ 75 |  |  | - | \$ - | \$ - |
| 546 | Flex 5000 I/O - ANALOG Output MODULE, Current/Voltage, 8-POINT<br>MFG: AB<br>#5094-OF8                                       | 1 | 0% | 1 | EA |  |  | \$ - | \$ 75 |  |  | - | \$ - | \$ - |
| 547 | Flex 5000 I/O - Discrete Input Module, 24VDC, 16-POINT<br>MFG: AB<br>#5094-IB16                                              | 2 | 0% | 2 | EA |  |  | \$ - | \$ 75 |  |  | - | \$ - | \$ - |
| 548 | Flex 5000 I/O - Discrete Output Module, 24VDC, 16-POINT<br>MFG: AB<br>#5094-OB16                                             | 2 | 0% | 2 | EA |  |  | \$ - | \$ 75 |  |  | - | \$ - | \$ - |
| 549 | Flex 5000 I/O - Mounting Base<br>MFG: AB<br>#5094-MB                                                                         | 8 | 0% | 8 | EA |  |  | \$ - | \$ 75 |  |  | - | \$ - | \$ - |
| 550 | Flex 5000 I/O - Shield Bar For Analog Modules, Wire Range: #22...#14 AWG, RATING: 300VAC, 10AMP<br>MFG: AB<br>#5094-STB      | 4 | 0% | 4 | EA |  |  | \$ - | \$ 75 |  |  | - | \$ - | \$ - |
| 551 | Flex 5000 I/O -Removable Terminal Block<br>MFG: AB<br>#5094-RTB3                                                             | 8 | 0% | 8 | EA |  |  | \$ - | \$ 75 |  |  | - | \$ - | \$ - |
| 552 | Group Marker Carrier For Terminal Blocks<br>MFG: AB<br>#1492-GM35                                                            | 3 | 0% | 3 | EA |  |  | \$ - | \$ 75 |  |  | - | \$ - | \$ - |
| 553 | Guardmaster Safety Relay, 24VDC COIL, 3 NO, 1 NC<br>MFG: AB<br># 440R-S13R2                                                  | 1 | 0% | 1 | EA |  |  | \$ - | \$ 75 |  |  | - | \$ - | \$ - |
| 554 | MULTIWIRE CONNECTORS, 6 OPENINGS, #14 - #6 AWG RANGE, EG-FRAME, 125A MAX<br>MFG: EATON                                       | 1 | 0% | 1 | EA |  |  | \$ - | \$ 75 |  |  | - | \$ - | \$ - |
| 555 | Plexiglass protective Barrier (TO BE ASSEMBLED BY PANEL BUILDER)                                                             | 1 | 0% | 1 | EA |  |  | \$ - | \$ 75 |  |  | - | \$ - | \$ - |

|     |                                                                                              |   |    |   |    |  |  |      |       |  |  |   |      |      |
|-----|----------------------------------------------------------------------------------------------|---|----|---|----|--|--|------|-------|--|--|---|------|------|
| 556 | Plug-In Center Jumper - 50 Pole, Blue (Can Be Cut To Lenght)<br>MFG: AB<br>#1492-CJLJ5-50-BL | 2 | 0% | 2 | EA |  |  | \$ - | \$ 75 |  |  | - | \$ - | \$ - |
| 557 | Plug-In Center Jumper - 50 Pole, Red (Can Be Cut To Lenght)<br>MFG: AB<br>#1492-CJLJ5-50-R   | 1 | 0% | 1 | EA |  |  | \$ - | \$ 75 |  |  | - | \$ - | \$ - |
| 558 | Plug-In Center Jumper - 50 Pole, White (Can Be Cut To Lenght)<br>MFG: AB<br>#1492-CJLJ5-50-W | 3 | 0% | 3 | EA |  |  | \$ - | \$ 75 |  |  | - | \$ - | \$ - |

Reckon Estimating

[illegible]

|     |                                                                                                              |   |    |   |    |  |  |      |       |  |  |   |      |      |
|-----|--------------------------------------------------------------------------------------------------------------|---|----|---|----|--|--|------|-------|--|--|---|------|------|
| 571 | 20-60vdc Led Enclosure Light, 13.8", Mounting Style: Magnetic, Ir Motion Sensor<br>MFG: HOFFMAN<br>#LEDD2M35 | 1 | 0% | 1 | EA |  |  | \$ - | \$ 75 |  |  | - | \$ - | \$ - |
| 572 | Led Light Cable Assembly, 78.7" (2000 Mm) Long, Use With Dc Power<br>MFG: HOFFMAN<br>#LEDD20C                | 1 | 0% | 1 | EA |  |  | \$ - | \$ 75 |  |  | - | \$ - | \$ - |
|     |                                                                                                              |   |    |   |    |  |  |      |       |  |  |   |      |      |
|     | <b>CIRCUIT BRFEAKERS</b>                                                                                     |   |    |   |    |  |  |      |       |  |  |   |      |      |

Reckon Estimating

|     |                                                                                                           |     |     |       |    |  |  |      |       |  |  |   |      |      |
|-----|-----------------------------------------------------------------------------------------------------------|-----|-----|-------|----|--|--|------|-------|--|--|---|------|------|
| 573 | Circuit Breaker, 2A, 480/277VAC/48VDC, 1-POLE, C-CURVE, 10kAIC, UL 489<br>MFG: EATON<br>#FAZ-C2/1-NA-SP   | 21  | 0%  | 21    | EA |  |  | \$ - | \$ 75 |  |  | - | \$ - | \$ - |
| 574 | Circuit Breaker, 3A, 480/277VAC/48VDC, 1-POLE, C-CURVE, 10kAIC, UL 489<br>MFG: EATON<br>#FAZ-C3/1-NA-SP   | 3   | 0%  | 3     | EA |  |  | \$ - | \$ 75 |  |  | - | \$ - | \$ - |
| 575 | Circuit Breaker, 5A, 480/277VAC/48VDC, 1-POLE, C-CURVE, 10kAIC, UL 489<br>MFG: EATON<br>#FAZ-C5/1-NA-SP   | 3   | 0%  | 3     | EA |  |  | \$ - | \$ 75 |  |  | - | \$ - | \$ - |
| 576 | Circuit Breaker, 10A, 480/277VAC/48VDC, 1-POLE, C-CURVE, 10kAIC, UL 489<br>MFG: EATON<br>#FAZ-C10/1-NA-SP | 1   | 0%  | 1     | EA |  |  | \$ - | \$ 75 |  |  | - | \$ - | \$ - |
| 577 | Circuit Breaker, 8A, 480/277VAC/48VDC, 1-POLE, C-CURVE, 10kAIC, UL 489<br>MFG: EATON<br>#FAZ-C8/1-NA-SP   | 1   | 0%  | 1     | EA |  |  | \$ - | \$ 75 |  |  | - | \$ - | \$ - |
| 578 | Circuit Breaker, 16A, 480/277VAC/48VDC, 1-POLE, C-CURVE, 10kAIC, UL 489<br>MFG: EATON<br>#FAZ-C16/1-NA-SP | 1   | 0%  | 1     | EA |  |  | \$ - | \$ 75 |  |  | - | \$ - | \$ - |
| 579 | 50A 3P                                                                                                    | 1   | 0%  | 1     | EA |  |  | \$ - | \$ 75 |  |  | - | \$ - | \$ - |
| 580 | CIRCUIT BREAKER - E125 FRAME, 125AMPS, FIXED THERMAL & MAGNETIC TRIP<br>MFG: EATON<br>#EGB3125FFG         | 1   | 0%  | 1     | EA |  |  | \$ - | \$ 75 |  |  | - | \$ - | \$ - |
| 581 | Motor Protection circuit Breaker 10...16A, STANDARD MAGNETIC TRIP, 140M (D-FRAME)                         | 2   | 0%  | 2     | EA |  |  | \$ - | \$ 75 |  |  | - | \$ - | \$ - |
|     |                                                                                                           |     |     |       |    |  |  |      |       |  |  |   |      |      |
|     | <b>DISCONNECT SWITCHES</b>                                                                                |     |     |       |    |  |  |      |       |  |  |   |      |      |
| 582 | Disconnect Disc-BLP-011 Supplied And Installed By EC                                                      | 1   | 0%  | 1     | EA |  |  | \$ - | \$ 75 |  |  | - | \$ - | \$ - |
| 583 | Disconnect Disc-BLP-021 Supplied And Installed By EC                                                      | 1   | 0%  | 1     | EA |  |  | \$ - | \$ 75 |  |  | - | \$ - | \$ - |
|     |                                                                                                           |     |     |       |    |  |  |      |       |  |  |   |      |      |
|     | <b>STRECTCHWRAPPER MATERIAL</b>                                                                           |     |     |       |    |  |  |      |       |  |  |   |      |      |
| 584 | 4"x4" Stainless steel wireway                                                                             | 160 | 0%  | 160   | FT |  |  | \$ - | \$ 75 |  |  | - | \$ - | \$ - |
| 585 | 4"x4"x4" Stainless steel wireway Tees                                                                     | 4   | 0%  | 4     | EA |  |  | \$ - | \$ 75 |  |  | - | \$ - | \$ - |
| 586 | 4"x4" Stainless steel wireway 90s                                                                         | 4   | 0%  | 4     | EA |  |  | \$ - | \$ 75 |  |  | - | \$ - | \$ - |
| 587 | 4"x4" Stainless steel wireway 45                                                                          | 1   | 0%  | 1     | EA |  |  | \$ - | \$ 75 |  |  | - | \$ - | \$ - |
| 588 | Brakets (Assumed Quantity)                                                                                | 10  | 0%  | 10    | EA |  |  | \$ - | \$ 75 |  |  | - | \$ - | \$ - |
| 589 | Nuts and Bolts (Assumed Quantity)                                                                         | 20  | 0%  | 20    | EA |  |  | \$ - | \$ 75 |  |  | - | \$ - | \$ - |
|     |                                                                                                           |     |     |       |    |  |  |      |       |  |  |   |      |      |
|     | <b>KRONES</b>                                                                                             |     |     |       |    |  |  |      |       |  |  |   |      |      |
|     |                                                                                                           |     |     |       |    |  |  |      |       |  |  |   |      |      |
|     | <b>CONDUCTORS (LENGTHS ARE ASSUMED)</b>                                                                   |     |     |       |    |  |  |      |       |  |  |   |      |      |
| 590 | #22 BELDEN 3079                                                                                           | 564 | 10% | 620.4 | FT |  |  | \$ - | \$ 75 |  |  | - | \$ - | \$ - |

|     |                                                      |      |     |          |    |  |  |      |       |  |  |   |      |      |
|-----|------------------------------------------------------|------|-----|----------|----|--|--|------|-------|--|--|---|------|------|
| 591 | #18 AWG TreyFlex II                                  | 4419 | 10% | 4861.208 | FT |  |  | \$ - | \$ 75 |  |  | - | \$ - | \$ - |
| 592 | #16 AWG Treyflex II                                  | 1735 | 10% | 1908.753 | FT |  |  | \$ - | \$ 75 |  |  | - | \$ - | \$ - |
| 593 | #14 AWG Treyflex II                                  | 2442 | 10% | 2686.2   | FT |  |  | \$ - | \$ 75 |  |  | - | \$ - | \$ - |
| 594 | #14 AWG Treyflex II CY                               | 4864 | 10% | 5350.136 | FT |  |  | \$ - | \$ 75 |  |  | - | \$ - | \$ - |
| 595 | #12 AWG Treyflex II                                  | 1919 | 10% | 2110.9   | FT |  |  | \$ - | \$ 75 |  |  | - | \$ - | \$ - |
|     |                                                      |      |     |          |    |  |  |      |       |  |  |   |      |      |
|     | <b>DEVICES</b>                                       |      |     |          |    |  |  |      |       |  |  |   |      |      |
| 596 | Disconnect Disc-BLP-011 Supplied And Installed By EC | 1    | 0%  | 1        | EA |  |  | \$ - | \$ 75 |  |  | - | \$ - | \$ - |
| 597 | Disconnect Disc-BLP-021 Supplied And Installed By EC | 1    | 0%  | 1        | EA |  |  | \$ - | \$ 75 |  |  | - | \$ - | \$ - |

Reckon Estimating

|     |                                                                      |    |    |       |    |  |  |      |       |  |  |   |      |      |
|-----|----------------------------------------------------------------------|----|----|-------|----|--|--|------|-------|--|--|---|------|------|
| 598 | Intelligent Unit For Control Of Conveyers                            | 38 | 0% | 38    | EA |  |  | \$ - | \$ 75 |  |  | - | \$ - | \$ - |
| 599 | Control and Monitoring Units                                         | 9  | 0% | 9     | EA |  |  | \$ - | \$ 75 |  |  | - | \$ - | \$ - |
| 600 | Emergency Stop button                                                | 11 | 0% | 11    | EA |  |  | \$ - | \$ 75 |  |  | - | \$ - | \$ - |
| 601 | Inductive Proximity Switch W/ Mechanical Rocker For Container Backu  | 17 | 0% | 17    | EA |  |  | \$ - | \$ 75 |  |  | - | \$ - | \$ - |
| 602 | Terminal Box                                                         | 14 | 0% | 14    | EA |  |  | \$ - | \$ 75 |  |  | - | \$ - | \$ - |
| 603 | Inductive Proximity Switch Mechanical Rocker For Detection Of Contai | 2  | 0% | 2     | EA |  |  | \$ - | \$ 75 |  |  | - | \$ - | \$ - |
| 604 | Unit Comprising Sprocket/Proximity Sitch For monitoring Of Conveyer  | 6  | 0% | 6     | EA |  |  | \$ - | \$ 75 |  |  | - | \$ - | \$ - |
| 605 | Cell Assembly W/ Transmitter and receiver                            | 2  | 0% | 2     | EA |  |  | \$ - | \$ 75 |  |  | - | \$ - | \$ - |
| 606 | Motor                                                                | 5  | 0% | 5     | EA |  |  | \$ - | \$ 75 |  |  | - | \$ - | \$ - |
| 607 | Push button                                                          | 11 | 0% | 11    | EA |  |  | \$ - | \$ 75 |  |  | - | \$ - | \$ - |
| 608 | Vertical Basket Cable Duct                                           | 45 | 0% | 45.23 | FT |  |  | \$ - | \$ 75 |  |  | - | \$ - | \$ - |
| 609 | E-Stop Remote                                                        | 1  | 0% | 1     | EA |  |  | \$ - | \$ 75 |  |  | - | \$ - | \$ - |
| 610 | Control Cabinet                                                      | 1  | 0% | 1     | EA |  |  | \$ - | \$ 75 |  |  | - | \$ - | \$ - |
| 611 | Conrol Cabinet end Cover                                             | 2  | 0% | 2     | EA |  |  | \$ - | \$ 75 |  |  | - | \$ - | \$ - |
|     |                                                                      |    |    |       |    |  |  |      |       |  |  |   |      |      |

|                      |  |  |  |  |  |  |  |  |  |  |     |    |   |
|----------------------|--|--|--|--|--|--|--|--|--|--|-----|----|---|
| TOTAL MATERIAL COST  |  |  |  |  |  |  |  |  |  |  |     | \$ | - |
| TOTAL MANHOURS' COST |  |  |  |  |  |  |  |  |  |  |     | \$ | - |
| TOTAL COST           |  |  |  |  |  |  |  |  |  |  |     | \$ | - |
| OVERHEADS & PROFIT   |  |  |  |  |  |  |  |  |  |  | 25% | \$ | - |
| TOTAL BID            |  |  |  |  |  |  |  |  |  |  |     | \$ | - |

**SCOPE OF ESTIMATE:**

|          |                                  |
|----------|----------------------------------|
| <b>I</b> | <b>SUPPLY &amp; INSTALLATION</b> |
| 1        | Distribution                     |
| 2        | Disconnect Switches              |
| 3        | ECP 500                          |
| 4        | ECP 600                          |
| 5        | ECP 601                          |
| 6        | ECP 602                          |
| 7        | ECP 700                          |
| 8        | ECP 701                          |
| 9        | ECP 702                          |
| 10       | ECP 800                          |
| 11       | ECP 900                          |
| 12       | ECP 901                          |

|    |                         |
|----|-------------------------|
| 13 | ECP 902                 |
| 14 | ECP 911                 |
| 16 | Stretchwrapper Material |
| 17 | KRONES                  |

Reckon Estimating