I. **Quantity**

The base bid shall include the indicated number of 20’ mounting brackets, furnished and installed as hereinafter specified.

II. **Material**

a. **20 Ft. Aluminum Mounting Bracket** - The aluminum mounting bracket, for wood pole, shall be truss style with 4” O.D. x .125” wall 6063-T6 alloy tube upper arm and brace. The bracket shall have a 2” slipfitter, a 36” rise and be suited for use with luminaires weighing up to 75 lbs. having projected areas of 1.6 square feet. Required pole mounting space shall not exceed 30.” The complete bracket shall have a satin etch finish. The 20 foot bracket shall be P & K Pole Products Catalogue No. WEHT 2036 or approved equal.

b. **Wire** - The wire shall be #10 AWG 7 strand, 600V Type THW or THWN single conductor.

c. **Compression connectors** - The compression connectors shall be Burndy #YPC2A8U or approved equal.

d. **Miscellaneous Hardware** - All hardware shall be as shown on DOE Module DWG. MLBATT20.

III. **Installation**

a. The installation shall be as shown on drawing 01S0053, located as shown on the drawings or indicated in the field by the engineer.

b. **Mounting height** - The height to light center shall be 28’ unless otherwise specified on the drawing or indicated in the field by the engineer.

c. Any relocation of existing facilities required for proper clearances shall be obtained by the contractor and included in the unit price bid for this item.

d. This item shall include the furnishing and installing of the bracket arm, the wiring internal to the arm and the connection of the wiring to the circuit and luminaire. The luminaire and circuit shall be provided and quoted on as separate items and are not included in this specification.

IV. **Quotation**

The 20’ mounting bracket as hereinbefore specified shall be quoted on as a unit price each in the appropriate place in this document.

12/96
MIS-138
### MODULE LIGHT, BRACKET, ALUMINUM, TAPERED, TRUSS

**MEL & P**  
MUNICIPAL ELECTRIC LIGHT & POWER SYSTEM  
CITY OF COLUMBUS, OHIO  
DEPT. OF PUBLIC UTILITIES DIV. OF ELECTRICITY  
MLBATT20

<table>
<thead>
<tr>
<th>ITEM NO.</th>
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<th>PART NO.</th>
<th>CONNECTOR REV.</th>
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<tr>
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<td>10' LENGTH</td>
<td>60-17196</td>
<td>14 FT.</td>
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<tr>
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<td>20' LENGTH</td>
<td>60-17220</td>
<td>20 FT.</td>
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- **CONNECTOR, COMPRESSION (NOT SHOWN-SIZE AS REQUIRED)**  
  - Item 9  
  - Part 95-17210  
  - Rev. 2
- **SCREW, LAG 1/2"X 4'**  
  - Item 8  
  - Part 02-50340  
  - Rev. 2
- **NUT, SQUARE 5/8"-11 UNC (INCLUDED WITH MACHINE BOLT)**  
  - Item 7  
  - Part XX-XXXXX  
  - Rev. 1
- ** WASHER, LOCK 11/16" DIA. HOLE, DOUBLE COIL**  
  - Item 6  
  - Part 02-76524  
  - Rev. 1
- ** WASHER, SQ. CURVED 2 1/4"X 2 1/4" X 3/16", 11/16" DIA. HOLE**  
  - Item 5  
  - Part 02-76730  
  - Rev. 1
- ** BOLT, MACHINE 5/8" X LENGTH AS REQUIRED.**  
  - Item 4  
  - Part 95-01414  
  - Rev. 1
- **CONDUCTOR, #10 CU. WHITE**  
  - Item 3  
  - Part 14-10118  
  - See Sch.
- **CONDUCTOR, #10 CU. BLACK**  
  - Item 2  
  - Part 14-10112  
  - See Sch.
- **BRACKET, ALUMINUM, TAPERED TRUSS, 39" RISE, 2" SLIPFITTER**  
  - Item 1  
  - Part SEE Sch.  
  - Req. 1

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**SCHEDULE**

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