

## **PART 1 - GENERAL**

### **1.1 SECTION INCLUDES**

- .1 Materials and installation for wood lighting poles.

### **1.2 RELATED SECTIONS**

- .1 Section 01 74 21 - Construction/Demolition Waste Management and Disposal.

### **1.3 REFERENCES**

- .1 Canadian Standards Association (CSA).
  - .1 CSA C22.2 No. 206-M1987 (R2004), Lighting Poles.
  - .2 CAN/CSA-O15-05, Wood Utility Poles and Reinforcing Stubs.
  - .3 CSA O80 Series-97 (R2002), Wood Preservation.

### **1.4 WASTE MANAGEMENT AND DISPOSAL**

- .1 Separate and recycle waste materials in accordance with Section 01 74 21 - Construction/Demolition Waste Management and Disposal.
- .2 Remove from site and dispose of packaging materials at appropriate recycling facilities.
- .3 Collect and separate for disposal paper, plastic, polystyrene, corrugated cardboard, packaging material in appropriate on-site bins for recycling in accordance with Waste Management Plan.
- .4 Divert unused metal and wiring materials from landfill to metal recycling facility approved by Departmental Representative.
- .5 Fold up metal banding, flatten and place in designated area for recycling.
- .6 Do not dispose of preservative treated wood through incineration.
- .7 Do not dispose of preservative treated wood with other materials destined for recycling or re-use.
- .8 Dispose of treated wood, end pieces, wood scraps and sawdust at sanitary landfill approved by Departmental Representative.

**PART 1 - GENERAL**  
**(CONT'D)**

**1.4 WASTE MANAGEMENT AND DISPOSAL**  
**(CONT'D)**

- .9 Dispose of unused wood preservative material at official hazardous material collections site approved by Departmental Representative.
- .10 Do not dispose of unused preservative material into sewer system, into streams, lakes, onto ground or in any other location where they will pose health or environmental hazard.

**1.5 LOCATION OF POLES**

- .1 Location to be as shown on drawings or as directed by Departmental Representative.

**1.6 MEASUREMENT FOR PAYMENT**

- .1 Lighting Pole: Supply and installation of lighting pole, including hardware, anchors, plant and labour, will be measured by the unit installed in place. Supply and installation of lighting fixture(s), conduit, etc., on poles shall be deemed to be included in the electrical portion of the lump sum price.

**PART 2 - PRODUCTS**

**2.1 WOOD POLES**

- .1 Wood utility poles: to CAN/CSA O15, wood species, Class 4, CCA treated in accordance with Section 06 05 73 - Wood Treatment.
  - .1 Length: 14.0 meters.
  - .2 Minimum diameter: at butt 350 mm, at top 200 mm.
  - .3 Pressure treated: to CAN/CSA O80.

**PART 3 - EXECUTION**

**3.1 INSTALLATION**

- .1 Install utility poles true and plumb, as specified, in location as indicated on drawings or as directed by Departmental Representative.