

PART 1 - GENERAL

1.1 RELATED SECTIONS

- .1 Section 01 33 00 - Submittal Procedures.
- .2 Section 01 74 21 - Construction/Demolition Waste Management and Disposal.
- .3 Section 26 05 01 - Common Work Results - Electrical.
- .4 Section 26 05 21 - Wire and Cables 0-1000 V.
- .5 Section 26 05 28 - Grounding - Secondary.
- .6 Section 26 05 34 - Conduits, Conduit Fastenings and Conduit Fittings.

1.2 REFERENCES

- .1 Canadian Standards Association (CSA)
  - .1 CAN/CSA-C83, Communication and Power Line Hardware.

1.3 REGULATORY REQUIREMENTS

- .1 Co-ordinate and meet requirements of power supply authority. Ensure availability of power when required. All costs associated with contribution-in-aid of construction to Utility authority for provision of permanent power supply is the responsibility of this contractor. Include cost in tender price.

PART 2 - PRODUCTS

2.1 MATERIAL

- .1 Service mast: epoxy coated, rigid, galvanized steel conduit, suitable for attachment of support clamps, insulator rack, weatherhead, service drop fittings.
- .2 Service mast support devices: as indicated.
- .3 Insulator rack: to CAN/CSA-C83, one, two, three or four wire, heavy duty, as indicated.

- .4 Weatherhead: epoxy coated, rigid galvanized steel conduit to approval of supply authority.
- .5 Epoxy coated, rigid galvanized steel conduit, fittings: in accordance with Section 26 05 34 - Conduits, Conduit Fastenings and Conduit Fittings.
- .6 Service drop conductors and supporting cable: in accordance with Section 26 05 21 - Wires and Cables (0-1000 V), copper, type RW90 XLPE, size and number of conductors as indicated.

### PART 3 - EXECUTION

#### 3.1 INSTALLATION

- .1 Install service mast, insulator rack, weatherhead.
- .2 Install meter socket and conduit.
- .3 Install service drop conductors allowing sufficient conductor length for connection to service equipment.
- .4 Allow sufficient conductor length for connection to supply by power supply authority.
- .5 Allow sufficient conductor length for drip loops.
- .6 Make grounding connections in accordance with Section 26 05 28 - Grounding - Secondary.

#### 3.2 FIELD QUALITY CONTROL

- .1 Perform tests in accordance with Section 26 05 01 - Common Work Results - Electrical.
- .2 Perform additional tests as required by authority having jurisdiction.