

- Part 1            General
- 1.1            RELATED SECTIONS
- .1            Section 26 05 00 – Common Work Results for Electrical.
  - .2            Section 26 05 21 – Wires and Cables (0-1000V).
  - .3            Section 26 05 28 – Grounding – Secondary.
  - .4            Section 26 05 34 – Conduits, Conduit Fastenings and Conduit Fittings.
- 1.2            QUALITY ASSURANCE
- .1            Regulatory Requirements:
    - .1            Perform Work to comply with applicable regulations.
    - .2            Co-ordinate and meet requirements of power supply authority.
      - .1            Ensure availability of power when required.
- 1.3            DESCRIPTION OF SYSTEM
- .1            Incoming service cables from service pole to conductors/weatherhead at top of main electrical service pole at MS0.
  - .2            Removal of existing aerial service cables once made obsolete.
- 1.4            COORDINATION WITH SERVICE AUTHORITY
- .1            Coordinate with NB Power to ensure availability of services. Prior to installation of aerial services, arrange an on-site meeting with NB Power to obtain their approval for layout and construction details.
  - .2            Arrange for utility installation and energization. Ensure availability of power when required.
- 1.5            UTILITY COSTS
- .1            Include a \$5,000.00 cash allowance to cover any NB Power costs for installation of new and removal of existing services. Expend cash allowance as directed. Allowance will be adjusted to actual cost supported by invoices from the utility. No Contractor Mark-ups will be accepted on this item.

Part 2 Products

2.1 MATERIALS

- .1 Rigid PVC conduit and fittings: to Section 26 05 34 – Conduits, Conduit Fastenings and Conduit Fittings.
- .2 Conductors from weatherhead to meter socket: copper, type RW-90, to Section 26 05 21 – Wires and Cables (0-1000V), size and number of conductors as indicated.
- .3 Metering to NB Power's requirements.

Part 3 Execution

3.1 MANUFACTURER'S INSTRUCTIONS

- .1 Compliance: comply with manufacturer's written recommendations or specifications, including product technical bulletins, handling, storage and installation instructions, and datasheets.

3.2 INSTALLATION

- .1 Relocate existing conduits on service pole as required.
- .2 Install weatherhead, conduit and meter socket as indicated.
- .3 Install cables in conduit.
- .4 Allow adequate conductor length for connection to supply.
- .5 Allow adequate conductor length for connection to meter socket.
- .6 Make grounding connections in accordance with Section 26 05 28 - Grounding – Secondary and Utility requirements.

3.3 FIELD QUALITY CONTROL

- .1 Site Tests:
  - .1 Perform tests in accordance with Section 26 05 00 - Common Work Results for Electrical.
  - .2 Perform additional tests if required by authority having jurisdiction.
- .2 Submit written test results to Engineer-Architect for review.

3.4 CLEANING

- .1 Proceed in accordance with Section 01 74 11 – Cleaning.
- .2 On completion and verification of performance of installation, remove surplus materials, excess materials, rubbish, tools and equipment.

END OF SECTION