Part 1 General

1.1 SECTION INCLUDES

.1 Materials and installation for non-fused disconnect switches.

1.2 REFERENCES

.1 Canadian Standards Association (CSA International).

.1 CAN/CSA C22.2 No.4, Enclosed Switches.

1.3 SUBMITTALS

.1 Submit product data in accordance with Section 01 33 00 - Submittal Procedures.

Part 2 Products

2.1 DISCONNECT SWITCH, SERVICE ENTRANCE RATED, FDS-L70

.1 Fusible disconnect switch in CSA Enclosure Type 3R, to CAN/CSA C22.2 No.4, size as indicated.

.2 Service entrance rated.

.1 Service: 600 VAC, 3 ph, 4 Wire, 60 Hz.

.3 Horsepower rated.

.4 Ampere Rating: As shown on the drawings

.5 Interrupting Rating: 10 kA minimum

.6 Fusing: Type and rating as required to achieve specified interrupting rating and ampere rating.

.7 Neutral: Required

.8 Factory Installed Neutral-Ground Bonding Link: Required

.9 100% load break, load make rated.

.10 Provision for padlocking in the ON and OFF switch positions.

.11 Mechanically interlocked door to prevent opening when handle in ON position.

.12 Quick-make, quick-break action.

.13 ON-OFF switch position indication on switch enclosure cover.

.14 Form A auxiliary contact.

.15 Neutral and ground bars, with a minimum ampere rating equal to the disconnect switch.

.16 Lugs: To accept 3/0 AWG, RW90 copper conductors

.17 Acceptable manufacturers:

.1 Schneider Electric Square D.

.2 Or Approved Equal in accordance with B7.

2.2 EQUIPMENT IDENTIFICATION

.1 Provide equipment identification in accordance with Section 26 05 01 - Common Work Results - Electrical.

.2 Indicate equipment identifier, as shown on the drawings, on size 4 nameplate.

Part 3 Execution

3.1 INSTALLATION

.1 Install disconnect switches.

.2 Connect line and load cables to all disconnect switches.

.3 Connect electrode ground to ground terminal within service entrance rated disconnect switches.

.4 Ensure neutral-ground bonding link is installed in service entrance rated disconnect switches.

.5 Install fusing.

END OF SECTION