

## **PART 1 - GENERAL**

### **1.1 RELATED SECTIONS**

- .1 Section 21 00 00/26 00 00 – Specific Conditions – Mechanical/Electrical.
- .2 Section 26 05 00 – Common Work Results – Electrical.

### **1.2 REFERENCES**

- .1 Unless otherwise indicated, all the works must be done in accordance with the latest edition of the Quebec Construction Code (QCC).
- .2 Furthermore, works must be carried out in accordance with any other code or standard having jurisdiction, as per the latest edition, including, but not limited to:
  - .1 Canadian Standards Association (CSA) / CSA International.
  - .1 CSA C22.2 No. 14, Industrial Control Equipment.

### **1.3 SUBMITTALS**

- .1 Shop drawings:
  - .1 Submit shop drawings in accordance with Section 21 00 00/26 00 00 – Specific Conditions – Mechanical/Electrical.
- .2 Product data:
  - .1 Submit required product data in accordance with Section 21 00 00/26 00 00 – Specific Conditions – Mechanical/Electrical.
- .3 Samples:
  - .1 N/A.

### **1.4 CLOSEOUT SUBMITTALS**

- .1 Submit all required documents and closeout submittals in accordance with Section 21 00 00/26 00 00 – Specific Conditions – Mechanical/Electrical.
- .2 Submit operation and maintenance data for contactors for incorporation into the manual as specified in Section 21 00 00/26 00 00 – Specific Conditions – Mechanical/Electrical.

**Rev. 00: Issued for tender (2013-11-19)**

- .3 Attach data sheets regarding operation and maintenance of each type and model of contactor.

## **1.5 WASTE MANAGEMENT AND DISPOSAL**

- .1 Separate waste materials for recycling in accordance with Section 21 00 00/26 00 00 – Specific Conditions – Mechanical/Electrical.
- .2 Separate packaging material for recycling and place in designated containers in accordance with Waste Management Plan.
- .3 Fold up metal banding, flatten and place in designated area for recycling.

## **PART 2 - PRODUCTS**

### **2.1 CONTACTORS**

- .1 Contactors: general use type as per NEMA standard.
- .2 Electrically held, controlled by pilot devices as indicated in electrical control plans, and rated for type of load controlled.
- .3 Unless otherwise indicated, contactors must be mounted inside an approved sprinkler cabinet.
- .4 Include following options in cover:
  - .1 Red LED indicating lamp;
  - .2 Hand-Off-Auto selector switch.
- .5 Control transformer: mounted inside the contactor cabinet, secondary control voltage as per electrical control plans.
- .6 Complete with 2 normally open and 2 normally closed auxiliary contacts unless indicated otherwise.

### **2.2 EQUIPMENT IDENTIFICATION**

- .1 Indicate name of load controlled on size 4 nameplate, in accordance with Section 26 05 00.

## **2.3 MANUFACTURERS**

- .1 Acceptable products: Eaton, Schneider Electric, Allen-Bradley or approved equivalent.

## **PART 3 - EXECUTION**

### **3.1 INSTALLATION**

- .1 Install contactors and connect auxiliary control devices.

**END OF SECTION**