

## **SECTION 26 27 19**

### **ELEVATOR EQUIPMENT PROVISIONS**

#### **PART 1 - GENERAL**

##### 1.1 RELATED DOCUMENTS:

- A. The Conditions of the Contract and applicable requirements of Divisions 0 and 1 and Section 26 00 01, "Electrical General Provisions", govern this Section.

##### 1.2 DESCRIPTION OF WORK:

###### A. Work Included:

1. Obtain Shop Drawings submittal from elevator supplier and provide all wiring and related raceways and materials required on Shop Drawings which are not furnished by the elevator supplier to render the entire elevator system satisfactory and in compliance with applicable codes.
2. Provide rough-in conduit, wiring, and connections at locations as directed by the elevator supplier.
3. Prior to installation, coordinate power and control provisions shown for elevators with the provisions for the furnished elevators. Where the power and control requirements are less than or equal to those shown, then modifications to power and control provisions shown shall be made at no cost as a matter of job coordination. Where power and control requirements are in excess of those shown, notify the Engineer in writing of the requirements.

#### **PART 2 - PRODUCTS**

##### 2.1 GENERAL:

- A. Furnish all labor, materials, services, equipment, and appliances required in conjunction with the connection to elevators as indicated on the Drawings and as described herein.
- B. Materials shall be as approved by the elevator supplier and shall be consistent with other sections of these specifications.
- C. Voltage rating, phase, number of conductors and circuits, size of conductors and overcurrent devices shall be as approved by the elevator supplier, regardless of those scheduled or shown on the Drawings.

#### **PART 3 - EXECUTION**

##### 3.1 INSTALLATION:

- A. Coordinate installation of elevator electrical connections with elevator and escalator supplier and local codes.
- B. Provide telephone conduit to nearest telephone terminal backboard or telephone panel from telephone outlet locations which is approved and coordinated with the elevator supplier.
- C. Coordinate the Fire Alarm/Life Safety recall interface with the elevator controllers and connections to alarm speakers and phone jacks in the elevator cabs with the elevator supplier as required.
- D. Coordinate emergency power operation and transfer pre-signal interface with the elevator controllers with the elevator supplier as required.
- E. Locate light fixtures, receptacles and switches in the elevator shafts, pits, sheave areas and machine rooms at locations approved by the elevator supplier.

- F. Provide local disconnect switches for all lighting, control power and main power circuits to elevators, and extend connections to the equipment controllers as directed by the elevator supplier.
- G. Where separate 120 volt or 480 volt control power is required, provide a control power disconnect switch adjacent to elevator power disconnect and extend connections to the controllers as directed by the elevator supplier.

**[EDIT TO SUIT PROJECT]**

- H. For **[cable]** or **[hydraulic]** elevators provide a means to disconnect main power to elevators prior to fire sprinkler discharge, where elevator machine rooms are equipped with fire sprinklers.

**[EDIT TO SUIT PROJECT]**

- I. For hydraulic elevators with automatic power failure return, provide two form C mechanically interlocked contacts in the elevator disconnecting means one which changes state when the disconnecting means is manually opened or shunt tripped and one that changes state when the disconnecting means is tripped , for an interlock with the battery return solenoid.

**END OF SECTION 26 27 19**