

**SECTION 14600**

**HOISTS**

**PART 1 GENERAL**

1.1 DESCRIPTION OF WORK

- A. Work includes furnishing all labor, materials and equipment for the installation of electrically powered chain hoist as specified herein or as shown on the Drawings. All equipment shall be furnished by the same supplier.

1.2 SUBMITTALS

- A. Submit information requested under Part 2 - Products, in accordance with the requirements of SECTION 01340.

1.3 RELATED REQUIREMENTS SPECIFIED ELSEWHERE

- A. SECTION 01340 - Submittals
- B. SECTION 05100 - Structural Metal Framing
- C. SECTION 05990 - Miscellaneous Metals
- D. DIVISION 16 - Electrical

**PART 2 PRODUCTS**

2.1 WIRE ROPE HOIST

- A. Hoist shall be a 1/2 ton capacity electric chain hoist 1HP, 230V, three phase, 2-speed hoist motor and a 1/4 HP, 230V, three phase, single speed trolley motor.
- B. Hoist speed shall be 21 fpm and trolley speed shall be 32 fpm.
- C. Hoist shall include load limiting device, load brake, hook travel limiting device, motor brake, chain guide, upper and lower limit switches.
- D. Approved hoist manufacturers include:

Yale Hoists  
P & H Hoists

CM Hoists  
Harnischfegen Corp.

NORTHEAST OREGON  
HATCHERY PROJECT

- E. Contractor shall provide manufacturers' certified specifications and dimensions, component assembly drawings and power/control wiring diagrams.

**PART 3 EXECUTION**

3.1 INSTALLATION

- A. Cooperate with other contractors engaged in project. Execute work in a manner not to interfere with other contractors.
- B. Coordinate work with other contractors regarding location of equipment so there is no interference between installation or of progress of any contractor.
- C. At project completion, clean all equipment to the original finish. Remove all shipping labels.

**PART 4 WARRANTY**

4.1 GENERAL

- A. The hoists shall be warranted for both labor, equipment and all components for a 1 year period after final acceptance.

**END OF SECTION**