

## **DIVISION 11 – EQUIPMENT**

### **SECTION 11132 – PROJECTION SCREENS**

#### **1. GENERAL**

- a. The work under this section is subject to all applicable provisions of the “Bidding Requirements”, the “Conditions of the Contract”, “Contract Forms” and Division 1 – “General Requirements”, which form a part hereof whether attached hereto or not.

#### **2. WORK INCLUDED**

- a. Include all labor, materials, and appliances and perform all operations in connection with providing and installing required projection screens.

#### **3. MATERIALS**

- a. Examine the Specifications and Drawings for the various other trades. Let it be understood that all surfaces normally requiring painting or colored finish that are left unfinished by the requirements of other Specifications shall be painted or finished as part of this Section
- b. DA-LITE or equal projection screens, 6 ft. (H) x 8 ft. (W), electrically operated 115 volt (60 Hz), 1.3 amps. Shall have specially designed motor mounted inside the roller with a patented noise silencer to be three wire quick reversal type, oiled for life, with automatic thermal overload cutout, integral gears, capacitor and an electric brake to prevent coasting. To have preset but adjustable limit switches to automatically stop picture surface in the “up” and “down” positions. The roller to be of rigid metal, 3” in diameter, mounted on two vibration and noise absorbing supports. Screen fabric to be flame retardant and mildew resistant fiberglass with glass beaded, matte white or spectra picture surface with black masking borders standard. Bottom of fabric shall be formed into a pocket holding a 3/8” metal rod. The ends of the rod shall be protected by heavy duty plastic caps. Case to be of wood with metal-lined wiring compartment. A section of the bottom of the case shall be an aluminum door equipped with hinges so that it opens and closes automatically with the lowering and raising of the picture surface. When the picture surface is being lowered, the door shall drop open by gravity. When the picture surface is being raised, the two ends of the slat in the bottom pocket of the screen fabric shall engage two hooks on the door to lift it to the closed position where a limit switch shall cut off the electrical current to the screen. The balance of the bottom of the case shall be a second hinged aluminum

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door with manual openings to provide access. Hinges shall be mounted to allow matching of the doors to the ceiling. Case to be finished with a primer coat, ready to accept final finish by others. To be complete with the three position control switch in box with cover plate. Screen to be listed by Underwriter's Laboratories and CSA.

**END OF SECTION**