

PART 1 GENERAL

1.1 REFERENCE

- .1 Comply with the General Conditions of the Contract, Supplementary General Conditions and the requirements of Division 1.

1.2 RELATED WORK SPECIFIED ELSEWHERE

- .1 Electrical Section 16000

1.3 SCOPE OF WORK INCLUDED

- .1 Supply and installation of one motorized projection screen. Refer to electrical Consultant drawings for power requirements.

PART 2 PRODUCTS

2.1 MANUFACTURERS

- .1 Projection Screens

SPECIFICATIONS: one (1) projection screens, 8' (H) x 10' (W), electrically operated 120 volt (60 Hz) 1.0 amp. Product to be Boardroom Electrol Screen by Da-Lite Screen Company Inc, phone number 1-800-622-3737. 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 electrical brake to prevent coasting. To have pre-set 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 fibreglass with Matte White, Video Spectra 1.5, Glass Beaded or High Power with black masking borders standard. Bottom 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 will cut off the electrical current to the screen. The balance of the bottom of the case shall be a second hinged aluminum door with manual opening to provide access. Hinges shall be mounted to allow matching of the doors to the ceiling. Case to be finished with primer coat, ready to accept final finish from others. To be complete with three position control switch in box with cover plate. Screen to be listed by Underwriters' Laboratories and CSA.

.2 VIEWING SURFACE: Matte White

.3 ACCESSORIES

Single Motor Low Voltage Control System - 3
button.

Down / up / stop wall mounted switch

2.2 SUBMITTALS

.1 Submit samples of all colours and types of projection screens and exposed aluminum parts in accordance with Section 01340.

.2 Submit shop drawings in accordance with Section 01340. Indicate location of all mounting brackets required to support assembly.

2.3 MAINTENANCE MANUALS

.1 Provide triplicate set of printed maintenance instructions for inclusion in Data Manual as specified in Division 1. Give specific warning of any maintenance practice or materials which may disfigure the screens.

PART 3 EXECUTION

3.1 INSTALLATION - GENERAL

.1 Use materials and install motorized projection screens in accordance with the manufacturer's printed recommendations except as specified in this section.

3.2 CLEANING

- .1 Final cleaning in accordance with Division 1.
- .2 Fully clean the 2 aluminum shutters in the drywall ceiling bulkhead.

END OF SECTION