

PART 1 - GENERAL

1.01 SUMMARY

- A. Provide motorized window screens and accessories.

1.02 RELATED DOCUMENTS

- A. Applicable portions of the Agreement, Conditions of the Contract (General, Supplementary, and other Conditions), Drawings, Specifications, Addenda issued prior to the execution of the Contract, other documents listed in the Agreement and Modifications issued after the execution of the Contract shall apply to this Section. The general requirements for this work are located in Division 01 of the Specifications.

1.03 SUBMITTALS AND SUBSTITUTIONS

- A. In accordance with Section 01 3000.
- B. Substitutions will not be considered prior to the award of the General Contract.

1.04 QUALITY ASSURANCE

- A. Comply with governing codes/regulations. Provide products of acceptable manufacturers with satisfactory use in similar service for three years. Use experienced installers. Deliver, handle and store materials in accordance with manufacturer=s instructions.

1.05 WARRANTY

- A. Five-year warranty on screen with provision that it will not deteriorate, sag or warp and will remain fit for use for the full warranty period when used as an exterior roller screen.
- B. Manufacturer to warrant its hardware components to be free from defects in material and workmanship under the normal and proper use for a period of one (1) year from date of substantial completion. Motors and electrical accessories shall be warranted for five (5) years from date of substantial completion.

PART 2 - PRODUCTS

2.01 MANUFACTURERS

- A. Manufacturer: KAOS Shades, as manufactured by: Screen Innovations, Inc., 9715-B Burnet Road, Suite 400, Austin, TX 78758 ph. 512.832.6939
- B. Exterior Retractable Large Opening Screens:

1. Type: Roll-up, motor operated
- C. Components:
1. Housing back, top, and cover: Surface mounted, extruded aluminum with cast aluminum end caps.
 2. Roller assembly: Extruded aluminum, sized to screen conditions.
 3. Side track: Extruded aluminum, surface mounted.
 4. Weight bar: Extruded aluminum.
 5. Bottom seal: Wool pile
 6. Motor: 120V AC Power, 2.6A (max.) of type and size as recommended by screen manufacturer based on screen size.
 7. Screen mesh:
 - a. Type: To be selected from manufacturer's full range of screen offerings.
 - b. Color: To be selected from manufacturer's full color range.
 8. Programmable handheld remote controls: Five channel, all weather exposure.
 9. Finishes:
 - a. Aluminum components: Semigloss powder coat to AAMA 2603, custom color to be selected by Architect.

PART 3 - EXECUTION

3.01 FABRICATION

- A. System components shall be manufactured and assembled allowing for installation techniques to suit project requirements.
- B. Finished assemblies shall be, square, true to size and free from distortion, twist, or other defects that could affect their strength, operation or appearance. Factory applied finish shall be uniform, smooth and without blemishes.

3.02 INSTALLATION

- A. Install work by manufacturer's skilled tradesmen and installed in strict accordance with manufacturers recommendations.
- B. All items installed, plumbed, squared, rigidly coupled and adequately anchored, maintaining uniformed clearances, accurate alignment levels, and parallel with the window plane. Fabric shall not travel more than 3 mm (0.125") in either direction within channels after installation.
- C. The screen shall be pre-measured and manufactured off-site

3.03 ADJUSTING AND CLEANING

- A. Adjust shades and operating components as required to ensure smooth and trouble free operation without binding.
- B. Adjust shade and shade-cloth to hang flat without buckling or distortion.
- C. Clean shades and exposed components.
- D. Replace work, which cannot be satisfactorily repaired, adjusted, or cleaned.

END OF SECTION