**PART 1 - GENERAL**

**1.01 SUMMARY**

A. Provisions of Division 01 apply to this section.

B. Section Includes:

1. Venetian blinds as indicated.

**1.02 SUBMITTALS**

A. Shop Drawings: Submit Shop Drawings including plans, elevations, and fastening details.

B. Product Data: Submit manufacturer's data and catalog cuts.

C. Material Samples: Submit manufacturers color Samples and catalog cuts.

**1.03 QUALITY ASSURANCE**

A. Qualifications of Manufacturer: Manufacturer shall have been regularly engaged in the business of manufacturing venetian blinds for 5 years.

**PART 2 - PRODUCTS**

**2.01 GENERAL**

A. Products of Levolor Lorentzen, Inc., or equal.

**2.02 VENETIAN BLINDS**

A. Levolor Riviera horizontal blinds; aluminum slats supported by braided ladders; pull cords to raise and lower slats; crash-proof cord locks to set slats at selected heights; tilters to tilt slats to desired angles; include valances.

B. Slat supports shall be of braided polyester yarn and dimensionally stabilized. Vertical components shall furnish maximum strength and flexibility with minimum stretch. Braided ladders shall support slats parallel, straight, and equally spaced to ensure proper tilt control and closure of slats. Distance between end ladder and end of slats shall not exceed 7 inches. Distance between braided ladders shall not exceed 23 inches. Horizontal component, or rungs, shall consist of not less than 2 crossed cables inter-braided with vertical components.

C. Slats shall be aluminum alloy, one inch wide (0.984 inch plus 0.003 or minus 0.300 inch). They shall be furnished with undercoat and baked-on enamel finish, in selected color. Slats shall be formed to concave/convex shape.

D. Head channels shall be 0.025 inch thick tomized steel, U-shaped, one inch high x 1-9/16 inches wide with flanged edges and shall be furnished with a baked-on enamel finish. Hardware shall be enclosed in metal head. Both end braces shall be furnished with adjustable tabs. Operating hardware shall be machine-clinched to head to ensure perfect alignment.

E. Tomized steel end brackets with riveted locking covers shall be finished to match head channels. Intermediate support brackets shall be furnished where required.

F. Tilt controls shall consist of enclosed worms and gear tilting mechanisms, which prevent slat-drift from selected angle.

G. Bottom rail shall be of 0.031 inch tomized steel formed after coating and shall be provided with color compatible molded plastic end caps.

H. Cords shall be of adequate diameter, braided of high-strength synthetic fibers, and with cores to provide minimum stretch, maximum strength, abrasion resistance and flexibility.

**PART 3 - EXECUTION**

**3.01 EXAMINATION**

A. Verify that openings are ready to receive Work.

B. Ensure that structural blocking and supports are installed and suitable for attachment and support of Work.

**3.02 INSTALLATION**

A. Install blinds as detailed in locations indicated. Furnish and install necessary parts and perform adjustments required to provide a complete, rigid and properly operating installation. Corners and surfaces shall be free from burrs and sharp edges.

B. Unless otherwise indicated, blinds shall be top-suspended, installed singly over each sash and between jambs or mullions, heads set flush with wall or trim, and shall not interfere with operation of sash or sash hardware. Where recessed installation is not indicated, blinds shall be installed over the casing, overlapping casings not less than 1-3/8 inches at sill, 1-3/4 inches at jambs and one inch at top.

C. Brackets shall securely fasten headrails and shall provide for easy removal of headrails. Blinds shall be securely fastened by sheet metal screws through back into headrails at side channels.

D. Brackets shall be fastened with galvanized or cadmium-plated pan-head all-purpose screws, oval-head wood screws, toggle bolts or appropriate fasteners as required.

**3.03 INSTALLATION TOLERANCES**

A. Maximum Variation of Gap at Perimeter: 1/4 inch.

B. Maximum Offset from Level: 1/8 inch.

**3.04 ADJUSTMENT AND CLEANUP**

A. Adjust for smooth operation.

1. Before Substantial Completion, clean the blinds, including tapes, cords, and tassels in accordance with manufacturer’s recommendations.
2. Remove rubbish, debris, and waste materials and legally dispose of off the Project site.
   1. **PROTECTION**
3. Protect the Work of this section until Substantial Completion.

**END OF SECTION**