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DIVISION 12 FURNISHINGS

Section 12 21 00 Window Blinds

1. Horizontal Vane Window Blinds - Metal
 - 1.1. Provide all administration offices and meeting rooms in the Administration Zone with horizontal metal window blinds for and where sidelight is required. Refer to Part 2, Section 2, Division 08.
 - 1.2. 25 mm horizontal blinds, brushed aluminum finish, wall mounted with pull cord.
 - 1.3. Blinds are to be supported by wall structure. Drywall support is not acceptable.
 - 1.4. Acceptable Manufacturer: Hunter Douglas Commercial
 - 1.5. Where Vertical Vane Window Blinds are required, the Consultant may make a request for substitution Horizontal Metal Blinds of a similar quality to the Minister for consideration and approval, prior to incorporation into the design or construction documents.
2. Vertical Vane Window Blinds
 - 2.1. Cord Control
 - 2.1.1. The system shall have one single cord to control both the rotation and the traversing of the vanes
 - 2.2. Header
 - 2.2.1. Ceiling and wall mounted blinds are to be supported by wall or ceiling structure. Drywall support is not acceptable.
 - 2.2.2. The header shall be made of 8063-T6 aluminum, architect to co-ordinate colour, measuring 25 mm (1") high and 44 mm (1 3/4") in width.
 - 2.2.3. The vanes shall be fastened to the rail by means of vane holder, leaving not more than 14 mm (5/8") of space between headrail and top of vanes.
 - 2.2.4. The headrail shall be ceiling mounted with metal ceiling or wall brackets spaced approximately 800-1000mm (30-40") apart.
 - 2.3. Warranty
 - 2.3.1. Ensure the Contractor provides a warranty from the Manufacturer to the Minister that the Metal Window Blinds shall be free of defects for 5 years from the date of substantial completion of the work for the specific project.
 - 2.3.2. Definition of defects to include, but not be limited to, mechanical failure of the blind or rail system.
 - 2.4. Approved Product:
 - 2.4.1. Vertical Blind System
 - 2.4.1.1. Silent Gliss Canada Limited #2400 to all windows and all borrowed lites, complete with all necessary components, including:
 - 2.4.1.1.1. rotation elements

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- 2.4.1.1.1.1. #2445/45 (for 3.5" vanes) or
- 2.4.1.1.1.2. #2441-42 (for 5" vanes), spaced evenly at 75 mm (3.5") o.c.
- 2.4.1.1.2. vane holder
 - 2.4.1.1.2.1. #2477
- 2.4.1.1.3. Headrail mounting brackets
 - 2.4.1.1.3.1. #2419 metal ceiling brackets (ceiling mounted) or
 - 2.4.1.1.3.2. #2419 brackets wall brackets (wall mounted)
- 3 Roller Blinds and Shades
 - 3.1 When the General Library is provided with natural light, provide crank operated roller blinds.
 - 3.2 Roller blinds are required on all exterior windows.
 - 3.3 Low VOC emittance from fabric less than 5ppm.
 - 3.4 The following roller blinds manufacturers and products may be used.
 - 3.4.1 Silent Gliss
 - 3.4.2 Sun Project Canada Inc. Shadecloth 3000 series.
 - 3.5 Ceiling and wall mounted roller blinds are to be supported by wall or ceiling structure. Drywall support is not acceptable

Section 12 30 00 Manufactured Casework

- 1 Adult Change Table
 - 1.1 Stainless steel type, adjustable. May be fold-down or fixed style.
 - 1.2 Minimum size: 24 " x 62" long.
 - 1.3 Provide for Assistive Care Washrooms.
 - 1.4 Acceptable Product
 - 1.4.1 Brocar Model 100-SSE-R, www.brocar.com
- 2 Library Shelving
 - 2.1 Consultant to design and provide Library shelving layout. Shelving to be provided by DTIR.
- 3 Chemical Storage Cabinet
 - 3.1 Double wall construction, 1-1/2" air insulated cabinet.
 - 3.2 Bottom and shelves to be corrosive-resistant polyethylene trays to contain spills.
 - 3.3 Size 44" high x 42" deep x 18" deep complete with 2 shelves and 3 trays.
 - 3.4 Standard of Acceptance:
 - 3.4.1 MottLab Model -6622480.
 - 3.5 Ensure cabinet is securely fastened and direct vented to exterior.
- 3.5.1 Laboratory exhaust ductwork serving chemical storage cabinet to be a minimum 18

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gauge type 316 stainless steel with welded joints.

4 Music Instrument Locker

- 4.1 Varying sizes to accommodate both large and small instruments.
- 4.2 Lockable Doors
 - 4.2.1 If the area of the music storage room is incorporated into the music room, then the storage of all instruments must be in lockable cabinets sized to accommodate the various instruments.
 - 4.2.2 If a storage room is provided then the cabinets within the storage room can be open adjustable shelving.
- 4.3 Minimum of fifty individual lockers required.

5 Technology Education Computer Desk / Work Stations

- 5.1 All built in equipment including Technology Education tabling and Communication Technology tabling supply and installation shall be coordinated and provided by the Contractor including, unload, placement, and wiring.
- 5.2 8 double units. Refer to ASK -10 and ASK-14 drawings for layout and detail guidelines.
- 5.3 Ve-Rez 53 Series Computer Table.
- 5.4 5.4 71" L x 36" D x 29" H
- 5.5 Top: 1" thick core with .050" high pressure laminate in colour selection by Consultant. 0.020" backer, solid bullnose edge with 5 ½" overhang each side.
- 5.6 ¾" plastic laminate sides, modesty panel and CPU box.
- 5.7 6" x 4" x 53^{7/8} fixed horizontal wire tray behind CPU box, vertical fixed wire tray attached to one piece between uprights at left leg.
- 5.8 Ganging device.
- 5.9 One grommet in top and one in Modesty panel.
- 5.10 Adjustable glides.
- 5.11 Powder coat tubular steel frame/legs.

Section 12 48 00 Rugs and Mats

- 1 Refer to DC350, Part1, Section 2, Division 12, 12 48 00.
- 2 All floor mats and grilles to be recessed complete with appropriate drainage sized to suit purpose and coordinated with mechanical.

Section 12 56 51 Library Furniture

- 1 Consultant to design and provide Library furniture layout. Furniture to be provided by DTIR.

Section 12 93 00 Site Furnishings

1 Bicycle Racks

- 1.1 Bicycle rack shall be of hot dipped galvanized steel construction.
- 1.2 Posts, permanently anchored to concrete pavement, mounting plate minimum 4" x4" x 1/4".
- 1.3 1.6" O.D. steel
- 1.4 solid bar stock - hot dip galvanized steel for rings 1/2" -1"
- 1.5 All peices to be rustproofed.
- 1.6 Post and ring or similar style,
 - 1.6.1 9" from ground to bottom of loop.
 - 1.6.2 Minimum 18" diameter loop.
 - 1.6.3 9" from top of loop to tip of post.
 - 1.6.4 total height of rack equals 36"
- 1.7 Multi-unit racks
 - 1.7.1 rack to be no higher than 32"
 - 1.7.2 Distance between upright or hanging rings /triangles to be no less than 10" apart.

END