

**Part 1            General**

**1.1                RELATED REQUIREMENTS**

- .1        Section 01 33 00 - Submittal Procedures.
- .2        Section 01 45 00 - Quality Control.
- .3        Section 01 78 00 - Closeout Submittals.
- .4        Section 09 21 16 - Gypsum Board Assemblies.
- .5        Section 09 51 99 - Acoustic Ceilings for Minor Works.
- .6        Section 09 91 99 - Painting for Minor Works.

**1.2                ACTION AND INFORMATIONAL SUBMITTALS**

- .1        Submit submittals in accordance with Section 01 33 00 - Submittal Procedures.
- .2        Product Data:
  - .1        Submit manufacturer's printed product literature and data sheets for roller shade system and include product characteristics, performance criteria, physical size, finish and limitations.
- .3        Installation Drawings:
  - .1        Indicate on drawings dimensions in relation to window jambs, operator details, head anchorage details, hardware and accessories details.
- .4        Samples:
  - .1        Submit one representative working sample.
  - .2        Submit duplicate samples of manufacturer's standard colours for selection by Departmental Representative.
  - .3        After approval samples will be returned for incorporation into Work.

**1.3                QUALITY ASSURANCE**

**1.4                DELIVERY, STORAGE AND HANDLING**

- .1        Deliver, store and handle materials in accordance with Section 01 61 00 - Common Product Requirements and with manufacturer's written instructions.
- .2        Delivery and Acceptance Requirements: deliver materials to site in original factory packaging, labelled with manufacturer's name and address.

- .3 Storage and Handling Requirements:
  - .1 Store materials indoors and in accordance with manufacturer's recommendations in clean, dry, well-ventilated area.
  - .2 Store and protect blinds from nicks, scratches, and blemishes.
  - .3 Replace defective or damaged materials with new.

## **1.5 WARRANTY**

- .1 Provide five (5) year manufacturer's warranty.

## **Part 2 Products**

### **2.1 ROLLER SHADE SYSTEM**

- .1 Chain operated, heavy duty, 3" (75mm) x 3" (75mm) full cassette roller shade system, white finish, with valance on both sides of roller assembly.
- .2 Components
  - .1 Headrail: 6063-T6 extruded aluminum tube, 1.3 mm thick; 44mm diameter; internal ribs
  - .2 All parts, unless noted otherwise, made of a polyamide 6.6, Delrin, zinc plated or powder coated steel
  - .3 Flat internal weight bar with silver metal bead chain
  - .4 Chain mechanism: heavy duty, complete with Clutch and Idler set made of reinforced plastic and steel components
  - .5 Spring-loaded idler endcap
  - .6 Fascia (both sides): white painted aluminum with matching endcaps, snap-on attach attachment.
  - .7 Weight bar: oval shaped, clear anodized aluminum.
- .3 Shade Fabric
  - .1 Transparent, 3% openness, Mermet: T-screen Classic
  - .2 36% fiberglass, 64% vinyl
  - .3 Bi-directional weave with front and back colours
  - .4 Width: 250 em
  - .5 Weight: 395 g/m<sup>2</sup>, +/- 5%
  - .6 Thickness: 0.64 mm, +I- 5%
  - .7 Colour as selected from manufacturer's full range

## **Part 3 Execution**

### **3.1 EXAMINATION**

- .1 Verification of Conditions: verify conditions of substrates and surfaces to receive = blinds previously installed under other Sections or Contracts are acceptable for product installation in accordance with manufacturer's instructions prior to blinds installation.
  - .1 Visually inspect substrate in presence of Departmental Representative.

- .2 Inform Departmental Representative of unacceptable conditions immediately upon discovery.
- .3 Proceed with installation only after unacceptable conditions have been remedied.

**3.2 INSTALLATION**

- .1 Install blinds at exterior windows as indicated on drawings.
- .2 Include center brackets where necessary to prevent deflection of headrail.
- .3 Adjust to provide for operation without binding.
- .4 Use non-corrosive metal fasteners for installation, concealed in final assembly.

**3.3 ADJUSTING**

- .1 Adjust blinds components for correct function and operation in accordance with manufacturer's written instructions.
- .2 Lubricate moving parts to operate smoothly and fit accurately.

**3.4 CLEANING**

- .1 Progress Cleaning: clean in accordance with Section 01 74 11 - Cleaning.
  - .1 Leave Work area clean at end of each day.
- .2 Final Cleaning: upon completion remove surplus materials, rubbish, tools and equipment in accordance with Section 01 74 11 - Cleaning.

**3.5 PROTECTION**

- .1 Protect installed products and components from damage during construction.
- .2 Repair damage to adjacent materials caused by blinds installation.

**END OF SECTION**

**Part 1            General**

**1.1                SECTION INCLUDES**

- .1        Materials and components for tables and seating in Lounge Room 104.
- .2        All work described in this Section to be submitted as a Separate Price. Refer to Section 01 23 10.

**1.2                RELATED SECTIONS**

- .1        Section 01 23 10 – Separate Prices
- .2        Section 01 33 00 - Submittal Procedures.

**1.3                REFERENCES**

- .1        American National Standards Institute (ANSI).
  - .1        ANSI A208.1-[99], Standard for Particleboard.
- .2        American National Standards Institute (ANSI)/Business and International Furniture Manufacturers Association (BIFMA) International.
  - .1        ANSI/BIFMA X5.1-[2002], American National Standard for Office Furnishings, General Purpose Office Chairs - Tests.
  - .2        ANSI/BIFMA X5.6-[2003], American National Standard for Office Furnishings - Panel Systems.
- .3        American Society for Testing and Materials International, (ASTM).
  - .1        ASTM C297-[94(R1999)], Standard Test Method for Flatwise Tensile Strength of Sandwich Connections.
- .4        The Business and Institutional Furniture Manufacturer's Association.
  - .1        BIFMACMD-1-[1997], BIFMA Chair Measuring Device.
- .5        Canadian Construction Documents Committee (CCDC).
  - .1        CCDC-2-[1994], Stipulated Price Contract.
- .6        Canadian General Standards Board (CGSB).
  - .1        CAN/CGSB 44.227-[2000], Freestanding Office Desk Products and Components.
  - .2        CAN/CGSB-44.232-[2002], Task Chairs for Office Work with Visual Display Terminals.
- .7        Canadian Standards Association (CSA International).
  - .1        CSA C22.2 No.9.0-[96(R2001)] General Requirements for Luminaires.
  - .2        CAN/CSA-C22.2 No.203-[M91(R2001)], Modular Wiring Systems for Office Furniture.
- .8        Health Canada/Workplace Hazardous Materials Information System (WHMIS).
  - .1        Material Safety Data Sheets (MSDS).

- .9 Public Works and Government Services Canada (PWGSC) - Industrial and Commercial Products and Standardization Services Sector - Government Purchase Description (GPD).
  - .1 PWGSC-GPD-6-[February 1999], Side Chairs with Metal Frame.
- .10 The Master Painters Institute (MPI).
  - .1 Architectural Painting Specification Manual - [March 1998(R2002)].
- .11 Underwriters' Laboratories Canada (ULC).
  - .1 CAN/ULC-S102-[1988(R2000)], Standard Method of Test for Surfaces Burning Characteristics of Building Materials and Assemblies.
- .12 Underwriters' Laboratories (UL).
  - .1 UL 1286 [Edition 4]-[1999], Standard for Office Furnishings.

#### **1.4 SUBMITTALS**

- .1 Submit product data in accordance with Section 01 33 00 - Submittal Procedures.
- .2 Submit WHMIS MSDS – to Contract Administrator.
- .3 Supply part numbers of furniture to allow for replacement of worn or damaged furniture parts.
- .4 Supply instructions detailing procedures for repairing or replacing worn furniture parts.

#### **1.5 WASTE MANAGEMENT AND DISPOSAL**

- .1 Remove from site and dispose of packaging materials at appropriate recycling facilities.
- .2 Fold up metal banding, flatten and place in designated area for recycling.

#### **1.6 WARRANTY**

- .1 Provide written assurance that replacement parts will be available for minimum of 5 years following discontinuation of product manufacture.
- .2 Ensure warranties provide for repair rather than replacement.

#### **1.7 DELIVERY OF PRODUCTS**

- .1 No furnishings shall be delivered to site until the Contract Administrator has issued a Certificate of Substantial Performance for the project, or has indicated, in writing, to the successful bidder that the furnishings may be delivered at an agreed upon delivery date. Any temporary storage costs of the furnishings will be the responsibility of the furniture supplier.
- .2 The Furnishings Contractor shall arrange to have a responsible member of his/her staff on site at the time the furnishings are delivered to the site and shall be responsible for having the goods moved from the trucks to the designated rooms.

- .3 Where furnishings to be supplied are not delivered on the agreed upon delivery date, and after a period of fourteen (14) days beyond that date, the Contractor shall supply equivalent temporary furnishings at no cost to the City. If such not possible, for whatever reason, the City shall have the right to rent such equivalent furnishings and deduct the rental cost from the Contract.

## **1.8 ALTERNATES**

- .1 The Contract Administrator shall consider requests for approval of products as alternatives to those specified, in accordance to the City of Winnipeg Bid Opportunity.
- .2 Bidders must complete product literature to the Contract Administrator for any product other than those listed. Product literature must include detailed technical data and images completely describing the product. Each item submitted must clearly indicate the furniture item number as indicated in the Specifications and on the Drawings. The Contract Administrator reserves the right to accept or reject product literature based on the completeness of the documentation. Bidders may be requested to submit samples/mock-ups of the requested alternate at no cost to the City. All samples/mock-ups will be returned to the respective Bidders upon award of contract.

## **Part 2 Products**

### **2.1 TABLES**

- .1 Plico folding table by Herman Miller:
  - .1 900mm (36") x 1800mm (72"): 6 required

### **2.2 COUCHES**

- .1 Connex by Arconas:
  - .1 #7710A - Arm Chair: 3 required
  - .2 #720F - Two seat, Full back, No arms: 3 required
  - .3 #7702B - Two seat bench: 6 required

### **2.3 SIDE CHAIRS**

- .1 Spark side chair, by Knoll:
  - .1 Quantity: 36.

### **2.4 FABRICATION**

- .1 Manufacture furniture to allow for dismantling and replacing of worn or defective components and recycling options following first use.
  - .1 Fabricate furniture to allow for remanufacturing or refurbishing of furniture following first use.
  - .2 Seal exposed surfaces of particleboard constructed with ureaformaldehyde adhesives to contain formaldehyde emissions.
- .2 Chair Marking: to CAN/CGSB-44.232.
- .3 Chair Labelling: to CAN/CGSB-44.232.

**Part 3 Execution**

**3.1 CONDITIONS OF SITE AND DAMAGED ARTICLES**

- .1 Before installation of goods under this Contract, the Furnishing Contractor shall advise the Contract Administrator in writing of any conditions that would adversely affect proper and satisfactory installation, otherwise commencement of the installation shall imply acceptance of, and responsibility for building condition(s).
- .2 Carefully protect new and existing property from damage during the delivery of furnishings. All property damaged by the work of this Furnishing Contract, shall be made good at the Furnishing Contractor's expense, by arrangement with the City.
- .3 Examine all furnishings upon delivery and, if in good order, accept delivery of same, subject to correction of defects.
- .4 Include all labour, materials, equipment, accessories and services necessary to perform and complete in a satisfactory manner all work required for the supply and installation of items listed herein.
- .5 The Furnishing Contractor shall mark all cartons and items as to their contents and tag/indicate clearly, for delivery to correct areas as shown.
- .6 All entrances and exits of the building shall be maintained clear and clean at all times.
- .7 All items shall be free of marks, stains or dirt, and in specified condition upon receipt of goods by the Contract Administrator.

**3.2 CLEANING**

- .1 Conduct cleaning and disposal operations to comply with local ordinances and anti-pollution laws. Prevent accumulation of wastes that create hazardous conditions.
- .2 Use only cleaning materials recommended by manufacturer on surface to be cleaned, and as recommended by cleaning material manufacturer.
- .3 Maintain project grounds, and public properties free from accumulations of waste materials and rubbish.
- .4 Provide on-site suitable containers for collection of waste materials, and rubbish.
- .5 Remove waste materials, and rubbish from site.
- .6 Remove cartons, packing and leave floors vacuum clean daily.
- .7 Ensure furnishings are free of marks, stains, or dirt and in first class condition ready for acceptance by the City.

### **3.3 INSPECTION**

- .1 The Contract Administrator will make one (1) preliminary inspection for certification in respect of payment and one (1) final inspection on completion of the work.
- .2 When the Furnishings Contractor is satisfied that entire work is complete, and after making his own inspection, he/she shall make a written request for a final inspection by Contract Administrator. This inspection shall constitute inspection precedent to issuance of final Certificate for Payment.
- .3 If there are any defects or deficiencies determined by this inspection, they shall be listed by the Contract Administrator and Furnishing Contractor, and a re-inspection by the Contract Administrator shall be called for by the Furnishings Contractor following his/her own inspection. The Furnishing Contractor shall thereafter submit his invoice for final payment.
- .4 Should further inspections become necessary due to faulty workmanship or non-adherence to the Contract Documents, the Contract Administrator reserves the right to charge, through the City, the Furnishing Contractor for time and expenses beyond the foregoing.

**END OF SECTION**