

Part 1 General

1.1 RELATED SECTIONS

- .1 Section 01 33 00 - Submittal Procedures.
- .2 Section 01 78 10 - Closeout Submittals.

1.2 SUBMITTALS

- .1 Submit product data in accordance with Section 01 33 00 - Submittal Procedures
- .2 Submit shop drawings in accordance with Section 01 33 00 - Submittal Procedures
- .3 Indicate dimensions, sizes, assembly, anchorage and installation details for each furnishing specified.
- .4 Provide maintenance data for care and cleaning of site furnishings for incorporation into manual specified in Section 01 78 10 - Closeout Submittals.

Part 2 Products

2.1 BENCHES

- .1 Stay™ Backless Bench manufactured by Landscape Forms, Inc.
 - .1 End pieces: cast aluminium.
 - .2 Seat: hot rolled pickled and oiled commercial steel type B perforated and formed.
- .2 Mounting:
 - .1 Surface mounted; installed on a level concrete base, minimum 125mm (5”) thick
- .3 Finish:
 - .1 Landscape Forms’ Pangard II® powdercoated finish on metal.
 - .2 Colour: Steel
- .4 Quantity:
 - .1 Two (2) benches– one each at front public entrance and west staff entrance.
 - .2 Benches to be field located by Contract Administrator.

2.2 LITTER RECEPTACLES –North and West Entrances

- .1 Pitch™ Side-Opening Litter Receptacle manufactured by Landscape Forms, Inc.
 - .1 Frame: 4 extruded aluminium corners, welded to 48mm (3/16”) thick aluminium side panels. The aluminium assembly is attached to a cast iron base with stainless fasteners.
 - .2 Liner: 28 gallon capacity liner molded from 100% recycled medium density polyethylene.

- .3 Lid: molded from linear medium density polyethylene with 5mm (0.200”) wall thickness. Lids are attached to receptacle with a cable.
- .2 Dimensions: Nominal size: 635mm (25”) square at the top, with 445mm (17-1/2”) square footprint at the base, and is 864mm (34”) tall.
- .3 Mounting:
 - .1 Surface mounted; installed on a level concrete base, minimum 125mm (5”) thick.
- .4 Finish:
 - .1 Frame: Landscape Forms’ Pangard II® powdercoated finish on metal. Colour: Steel
 - .2 Lid: Rotationally moulded polyethylene. Colour: Sky
- .5 Quantity:
 - .1 Two (2) litter receptacles—one each at front public entrance and west staff entrance.
 - .2 Litter receptacles to be field located by Contract Administrator.

2.3 LITTER RECEPTACLE WITH ASH URN –STAFF PATIO

- .1 Acceptable Material: Plexus Litter Receptacle, side-opening 40” with Plexus Sand Pan, manufactured by Landscape Forms, Inc.
 - .1 Frame: Body is formed of wire grid panel of 5/16" frame and bars 2-1/2" o.c. with 1/8" cross wires 1/2" o.c. inserted in a 7/8" o.d., .065" wall thickness steel ring. Litter receptacle front has hinged door that swings open for litter removal.
 - .2 Liner: Constructed of molded polyethylene. Color matches receptacle. Capacity 30-gallons.
 - .3 Lid: Constructed of 14 gauge-spun metal. Powdercoat finish. Lid is permanently welded to unit. Optional sand pan inserted into top on side opening styles is formed of spun steel finished with Grotto (black) powdercoat.
- .2 Dimensions: 500mm (20") diameter x 1016mm (40") high – side opening, optional sand pan; freestanding mount.
- .3 Finish: Landscape Forms’ Pangard II® powdercoated finish on metal.
 - .1 Colour: Ocean.

2.4 PATIO TABLES

- .1 Catena Table manufactured by Landscape Forms, Inc.
 - .1 Table Tops: Square, solid surface marneaux.
 - .2 Table Supports: Catena Free Standing support.
- .2 Dimensions:
 - .1 Table Height: 737mm (29”).
 - .2 Square Table: 914 x 914mm (36”x36”).

- .3 Finish:
 - .1 Frame: Landscape Forms' Pangard II® powdercoated finish on metal. Colour: Ocean
 - .2 Table Top: solid surface marneaux. Colour: Pearl

2.5 PATIO CHAIRS

- .1 Catena Chairs manufactured by Landscape Forms, Inc.
 - .1 Seat: cast aluminium.
 - .2 Front and back legs: extruded aluminium tubing
 - .3 Spindles: stainless steel wire.
- .2 Dimensions: 584mm (23") deep, 787mm (31") high, 533mm (21") wide. Seat height is 445mm (17-1/2").
- .3 Finish: Landscape Forms' Pangard II® powdercoated finish on metal
 - .1 Colour: Ocean

2.6 BICYCLE RACK

- .1 The 'U' Rack Bicycle Rack manufactured by Madrax. Model #UX 238-G
 - .1 Frame: structural steel tubing
- .2 Dimensions:
 - .1 Height: 864mm (34").
 - .2 Width: 762mm (30").
 - .3 Frame: 60mm (2-3/8") O.D. pipe.
- .3 Finish: galvanized
- .4 Mounting: Surface mounted; installed on a level concrete base, minimum 125mm (5") thick
- .5 Quantity: twenty (20). Refer to Landscape Drawings for location.

2.7 FLAG POLE

- .1 Flagpole, bases and anchorage devices to resist minimum wind velocity of 145km/h unflagged, 100 km/h flagged.
- .2 Description:
 - .1 Model: Ewing Architectural Flagpole: Tapered aluminum flagpole, model #SCA-30 or approved equal in accordance with Section 01 23 00 Alternates
 - .2 Exposed Height: 9.144m pole height (30')
 - .3 Butt Diameter: 127 mm. (5")
 - .4 Top Diameter: 76 mm. (3")

- .5 Wall Thickness: 0.396 mm. (.156”).
- .6 Options and Accessories: Econoline internal halyard system.
- .7 Anchor Base: Type B5 fixed anchor base, complete with all anchoring devices necessary for surface mounting.
- .8 Flag Size: 1143 mm x 2286 mm (3’9” x 7’6”). Flags to be supplied by City.
- .3 Install flagpoles, base assemblies and fittings to shop drawings and manufacturer's instructions.
- .4 Install on Cast-in-place concrete base as indicated on Drawings and Structural Specifications.
- .5 Check and adjust installed fittings for smooth operation of halyards.

2.8 PRECAST CONCRETE PLANTERS

- .1 Vehicle Barrier Stackable Planters manufactured by Barkman Concrete.
 - .1 Bottom section: Item number 47-25119-1; concrete filled 1” from top
 - .2 Top section: Item number 47-25120-1; 4” concrete filled bottom; fill with topsoil mix as specified in section 32 91 21 –Topsoil Placement and Grading. Provide weep holes in sides of upper planters for drainage.
- .2 Material: Precast Concrete
- .3 Dimensions:
 - .1 Height: 280mm (11”).
 - .2 Width: 1219mm (48”)
 - .3 Length: 1219mm (48”)
- .4 Finish: Pebblestone finish.
- .5 Quantity: Four (4) bottom barriers with four (4) top barriers stacked on top

Part 3 Execution

3.1 INSTALLATION

- .1 Assemble furnishings in accordance with manufacturer's instructions.
- .2 Install furnishing true, plumb, Anchor all benches, litter receptacles, ash urns and bicycle racks. Patio furnishing are freestanding.

3.2 TOUCH-UPS AND MANUALS

- .1 Touch-up all damaged surfaces and finishes as recommended by manufacturers to approval of Contract Administrator.
- .2 Provide the City with site furnishings information manual complete with make, model number and supplier contact information for all exterior site furnishings.

Project No. 2003-191
Winnipeg Police Service
East District Police Station
1750 Dugald Road

Section 32 37 00(R1)
EXTERIOR SITE FURNISHINGS
(Bid opportunity 673-2006-Addendum No. 2)
Page 5 of 4

- .3 Total Performance will not be awarded until all touch-ups have been completed and site furnishing information manual has been submitted to the City.

END OF SECTION