

SECTION 12 50 00

FURNITURE
01/07

PART 1 GENERAL

1.1 SECTION INCLUDES

This section includes the supply, delivery and installation of Console, Chairs, Tables and Desks.

1.2 SUBMITTALS

Government approval is required for submittals with a "G" designation; submittals not having a "G" designation are for information only. When used, a designation following the "G" designation identifies the office that will review the submittal for the Government. Submit the following in accordance with Section 01 33 00 SUBMITTAL PROCEDURES:

SD-02 Shop Drawings

Console (CO-1); G, AE
Chairs (CH-1); G, AE
Chairs (CH-2); G, AE
Chairs (CH-3); G, AE
Desk (DSK-1); G, AE
Lateral File (LF-2); G, AE
Book Case (BC-1); G, AE
Table (TA-1); G, AE
Table (TA-2); G, AE

Indicate list of items to be furnished, marked with Contract Document item numbers. Indicate item location, large scale plans, elevations, rough-in and anchor placement dimensions and tolerances and clearances required. Locate power and communication connections.

SD-03 Product Data

Console (CO-1); G, AE
Chairs (CH-1); G, AE
Chairs (CH-2); G, AE
Chairs (CH-3); G, AE
Desk (DSK-1); G, AE
Lateral File (LF-2); G, AE
Book Case (BC-1); G, AE
Table (TA-1); G, AE
Table (TA-2); G, AE

For each component, provide manufacturer's literature, dimensions and configurations, construction details where applicable. Indicate all accessories and connectors required for assembly of furniture.

SD-04 Samples

Console (CO-1); G, AE
Chairs (CH-1); G, AE
Chairs (CH-2); G, AE
Chairs (CH-3); G, AE
Desk (DSK-1); G, AE
Lateral File (LF-2); G, AE
Book Case (BC-1); G, AE
Table (TA-1); G, AE
Table (TA-2); G, AE

Submit two samples, minimum size 3 inches by 6 inches of each color of finish selected prior to ordering materials.

1.3 QUALITY CONTROL

1.3.1 Supplier and Manufacturer

Company specializing in manufacturing the products specified in this section with minimum 5 years' documented experience.

1.4 WARRANTY

1.4.1 Console

Manufacturer's standard lifetime and 5-year limited warranty.

1.4.2 Chairs

Manufacturer's standard 12-year warranty

1.5 DELIVERY, STORAGE, AND HANDLING

a. Packing and Shipping: Prepare and protect products for shipment in accordance with manufacturer's recommendations and ship as follows:

1. Each item tagged with Contract Document item number and assembled at dealer warehouse to be delivered at site.

b. Delay delivery until construction operations are complete.

c. Carefully store and handle items of furniture until delivery to the Site can be made.

d. Preserve the furniture in its original factory condition.

PART 2 PRODUCTS

2.1 CONSOLE (CO-1)

2.1.1 General

Modular construction comprised of four main subsystems; the structural frame, the equipment mounting kits, the exterior panels, and accessories. Layout shall be as shown on the Drawings, and designed to provide optimal performance with computer equipment shown on the Control System Block Diagrams on the Drawings.

2.1.2 Structural Frame Subsystem

- a. Sheet metal stringers coupled with structural polymer cladding.
- b. Incorporates levelers to align modules.
- c. Specifically designed by manufacturer for computer furniture.

2.1.3 Equipment Mounting Subsystem

- a. Consists of one fixed and one sliding shelf for supporting workstation processor beneath each work surface. Provide back access with removable, swing doors. Provide front access with removable panels.
- b. Consists of 19-inch rackmount kit for mounting Ethernet cabling patch panel beneath console work surface.

2.1.4 Exterior Panel Subsystem

- a. Consists of console work surface, front, back, and end panels.
 1. All Exposed Surfaces: High pressure plastic laminate.
- b. Panels are supported by and enclose the Structural Frame Subsystem.

2.1.5 Basic Accessories

- a. Console Work Surface: Fully adjustable 24-inch solid top with 12-inch ergonomic extension, rolled ergonomic edge, and full width, top accessible cable management tray.
- b. Rear Slatwall: 12-inch high for equipment mounting.
 1. Accessories for mounting eight flat screen displays.
 2. Accessories for mounting two telephones.
- c. Base Cabinets: Three drawer with file drawer at bottom, toe space.
- d. Equipment Ventilation Fans: Console shall be equipped with ultra quiet air exhaust ventilation fans for heat removal from each module bay.
- e. Integrated Power Bars and Cable Trays: Console and workstation shall be provided with integrated power strip and cable tray system for routing of cabling.

2.1.6 Colors

- a. Exterior Console Panels and Bases: Standard Slat Gray D91-60.
- b. Console Countertop and Work Surfaces: Wilsonart; Loden Zephyr 4844-60.
- c. Exterior Trim and Accessories: Black or graphite.

2.1.7 Manufacturer and Product

Evans Consoles; Strategy Series, Reduced Depth Module.

2.2 CHAIRS (CH-1)

a. Description: Mid-Back Task Chair with plastic outer back, back height adjustment, synchronized control, height/width adjustable arms, standard cylinder height, and hard casters.

b. Quantity: Twelve.

c. Location: Conference Room .

d. Size:

1. Overall height: 36-inches to 44-inches.

2. Seat Height: 16 3/4-inches to 21 1/4-inches.

3. Seat Size: 19-inches wide by 16 1/4 to 19-inches (adjustable) deep.

4. Back Size: 18-inches wide by 22-inches to 22 to 24 1/2-inches high.

e. Frame Color: Black.

f. Fabric Color: Black.

g. Manufacturer and Product: Knoll EWC Pro; 77C-MB-2-SY-LA-5 K1000/14.

2.3 CHAIRS (CH-2)

a. Description: High-Back Task Chair with plastic outer back, back height adjustment, synchronized control, height/width adjustable arms, standard cylinder height, sliding seat option, and hard casters.

b. Quantity: Six.

c. Location: Control Room and Office.

d. Size:

1. Overall height: 42-inches to 50-inches.

2. Seat Height: 16 3/4-inches to 21 1/4-inches

3. Seat Size: 19-inches wide by 16 1/4 to 19-inches (adjustable) deep.

4. Back Size: 19-inches wide by 24 1/2 -inches to 27-inches high.

e. Frame Color: Black.

f. Frame Color: Black.

g. Manufacturer and Product: Knoll EWC Pro; 77W-HB-2-SY-HA-5-SL-HC

K1000/14.

2.4 CHAIRS (CH-3)

- a. Description: Stacking Side Chair.
- b. Quantity: Four.
- c. Location: Break Room.
- d. Size: 20-inches wide by 21-1/2-inches deep by 30 1/2-inches high.
- e. Frame Color: Black.
- f. Shell Color: Gray.
- g. Manufacturer and Product: Knoll SoHo; 28C-1-NSL.

2.5 DESK (DSK-1)

- a. Description: L-Shaped Desk Unit consisting of freestanding corner and two returns.
- b. Quantity: One.
- c. Location: Office.
- d. Size: Returns: 36-inch wide by 29-inch high by 24 to 30 inch deep. Corner depth to match returns.
- e. Manufacturer: Knoll Morrison.
- f. Storage Color and Finish: Soft Gray; 117 paint.
- g. Work Surface Laminate: Soft gray (117).
- h. Remarks: Manufacturer's representative to coordinate all components necessary for complete installation.

2.6 LATERAL FILE (LF-2)

- a. Description: 2-Drawer Freestanding Lateral File.
- b. Quantity: One.
- c. Location: Office.
- d. Size: 27-inch wide by 42-inch high by 18-inch deep.
- e. Manufacturer and Product: Knoll Calibre; C2F2742WCC.
- f. Color and Finish: Soft Gray; 117 paint.

2.7 BOOK CASE (BC-1)

- a. Description: 5 Shelf Bookcase.
- b. Quantity: One.

- c. Location: Office.
- d. Size: 30-inch wide by 63-inch high by 15-inch deep.
- e. Manufacturer and Product: Knoll Calibre; C2B6330.
- f. Color and Finish: Soft Gray; 117 paint.

2.8 TABLE (TA-1)

- a. Description: Conference Table with two peanut style bases.
- b. Quantity: One.
- c. Location: Conference Room.
- d. Size: 48-inch wide by 168-inch long by 28 1/2-inch high.
- e. Manufacturer and Product: Knoll Propeller conference Table Series; P3-CP40.
- f. Color and Finish: Soft Gray (117) Laminate. Black edgeband.
- g. Remarks: Table to accommodate 12 people and have grommet in middle segment.

2.9 TABLE (TA-2)

- a. Description: Round Table with legs.
- b. Quantity: One.
- c. Location: Break Room.
- d. Size: 48-inch in diameter and 28 1/2-inch high.
- e. Manufacturer and Product: Knoll Propeller conference Table Series; P3-DL48.
- f. Color and Finish: Soft Gray (117) Laminate. Black edgeband.
- g. Remarks: Table to accommodate 4 to 6 people.

PART 3 EXECUTION

3.1 EXAMINATION

- a. Verify existing conditions before starting work.
- b. Verify adequacy of support framing for equipment specified.
- c. Verify location of power and communication connections.

3.2 INSTALLATION

- a. Install all items, components and accessories in accordance with manufacturer's instructions and Drawings.
- b. Use anchoring devices to suite conditions and substrate materials

encountered.

c. Set casework items plumb and square, securely anchored to building structure.

d. Carefully scribe casework abutting other components, with maximum gaps of 1/32-inch. Use filler strips, not additional overlay trim for this purpose.

e. Close ends of units, backsplashes, shelves, knee spaces, and bases.

3.3 ADJUSTING

Adjust chairs and casework, including doors, drawers, hardware, fixtures, and other moving or operating parts to function smoothly.

3.4 CLEANING

Clean casework, counters, shelves, and hardware.

3.5 PROTECTION OF FINISHED WORK

a. Protect finished casework from continued construction activity.

b. Chairs: Provide in new and unused condition at time of Substantial Completion for Owner's use only. Contractor shall provide and remove other chairs for use during construction and start-up phases.

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