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SECTION 12 59 00 – SYSTEMS FURNITURE

GENERAL

ADMINISTRATIVE REQUIREMENTS

Pre-Installation Conference:

Attendance: [Architect,] [Owner,] [Contractor,] [Construction Manager,] [Design/Builder,] manufacturer’s representative, installer, and related trades.

Review: Project conditions, manufacturer requirements, delivery and storage, staging and sequencing, and protection of completed work.

SUBMITTALS

Action Submittals:

Shop Drawings: Illustrate products, installation, and relationship to adjacent construction.

Product Data: Manufacturer’s descriptive data and product attributes.

Samples: [Selection samples.] [Verification samples.]

Closeout Submittals:

Operation and Maintenance Data.

QUALITY ASSURANCE

Installer Qualifications:

Minimum [2] [\_\_] years’ experience in work of this Section.

Approved by systems furniture manufacturer.

Mockup: [One full size workstation.] [\_\_\_\_.] Approved mockup [may] [may not] remain as part of the Work.

Furniture: UL Greenguard Gold Certified.

Racks Integrated with Consoles: Comply with Electronic Industry Association (EIA) specifications for rack mounting, ANSI/E Standard RS-310.

Monitor Mounts Used with Versa-Trak Mounting System: Comply with Mounting Interface Standard established by Video Electronics Standards Association (VESA).

SYSTEM DESCRIPTION

Provide system capable of supporting specified electronics.

Assembly possible on site without welding or carpentry work.

System Components:

Pre-engineered modular construction.

Available from pre-defined set of manufacturer’s model numbers.

Free from alterations to design either prior to or following installation.

Space for computer CPU’s by means of rack cabinet or method to mount equipment under work surfaces.

Base consoles and corner units provided with modesty panels with integrated cable management system providing grommeted, discrete routing of cables and wires.

Base Consoles:

34-5/8 inches deep x 29 inches high x [[48] [60] [72] inches wide.] [width indicated.]

Vented, full modesty panel with lift-off rear access panels and integrated cable trough.

End Frames:

Minimum 2 inches wide; capable of supporting fully loaded console.

Incorporate 3/8 inch diameter threaded adjustable glides and anti-tip extension.

Corner Sections: Hinged to allow for appropriate angle for application and space.

Versa-Trak / Monitor Arrays:

Incorporate fully integrated aluminum track system capable of supporting variety of monitor arrays.

Horizontally adjustable.

Monitor arrays mounted to track by ball spring drop-in T-nuts.

Data and Power Rail: 16 gage angled rail including cable grommets and openings for universal data mounting plate or duplex power box.

WARRANTIES

Provide manufacturer’s standard warranties providing following coverages:

Fixed steel structure frame components: Lifetime.

Adjustable, sliding, and hinged components: 10 years.

Laminate surfaces: 10 years.

Electrical components: 2 years.

PRODUCTS

MANUFACTURERS

Contract Documents are based on E-Soc workstations by Winsted, [www.winsted.com](http://www.winsted.com).

Substitutions: [Refer to Division 01.] [Not permitted.]

COMPONENTS

End Frames: Steel, pre-welded and formed construction with exposed welds filed smooth and sharp corners eliminated.

Desk Legs and Framework: Fabricated from 16 gage steel.

Work Surface:

Depth: 20 inches.

Construction: [1-1/8 inch thick MDF core with plastic laminate facings and T-shaped PVC edging inserted into front edge.] [TruForm thermofoil with 1-1/8 inch thick MDF core.]

Versa-Trak: Provide infinite monitor arm adjustability.

Accessories:

CPU mounts.

Rack cabinets.

Task lighting: Three-bar design with adjustable LED head and brightness touch strip located near LED head.

Power supplies.

Phone trays.

Pull-out keyboard trays.

Decorative end panels.

Mounting hardware for specified electronics.

Adjustable internal cable tray with quick-release spring hinges.

FINISHES

Steel: Manufacturer’s standard black powder coat.

EXECUTION

INSTALLATION

Install in accordance with manufacturer’s instructions and approved Shop Drawings.

END OF SECTION