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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.

 Consoles convertible from stationary to height adjustable configuration in field after installation.

 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.

 Supplied knocked-down; assembly accomplished without need for welding or modifications.

 Constructed of steel superstructure framework consisting of end frames connected by horizontal modesty panel.

 Horizontal Modesty Panels: Steel sheet incorporating easy-access cable raceway.

 End Frames:

 Capable of integrating up to two sets of electric-lift legs along with up to two sets of cable followers.

 Support fully loaded console and incorporate threaded adjustable glides and duplex power outlet.

 Incorporate quick-release lift-off access panels located on inside of each end frame.

 Height-Adjustable Consoles: Comprised of steel end frames with electric-lift legs and ergonomically work surfaces with integrated aluminum Versa-Trak mounting system for LCD monitor arrays.

 Work Surfaces: Work surface provided with cable raceway mounted to underside.

 Privacy Panels: [None.] [Perforated steel.] [Acoustical lighting type.]

 Cable Management:

 1.5 x 3 inches; two per work surface on height-adjustable consoles.

 Integrated cable channel in base.

 Versa-Trak / Monitor Arrays:

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

 Provide uninterrupted lateral adjustability of monitors.

 Electric Lift Legs:

 Integrate electric lift legs operating at speed of 38 mm per second with load capacity of 90 pounds per column.

 Provide work surface adjustment from 30 to 46 inches high.

 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: 5 years.

 PRODUCTS

 MANUFACTURERS

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

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

 COMPONENTS

 Frame:

 Type: [Vue-L 59”.] [Vue-L 83”.] [Vue-C 75”.] [Vue-C 90”.] [Vue-C 99”.]

 Material: Steel.

 Base:

 Open stationary: [Vue-L 59”.] [Vue-L 83”.] [Vue-C 75”.] [Vue-C 90”.] [Vue-C 99”.]

 Open height adjustable: [Vue-L 59”.] [Vue-L 83”.] [Vue-C 75”.] [Vue-C 90”.] [Vue-C 99”].

 Closed stationary: [Vue-L 59”.] [Vue-L 83”.] [Vue-C 75”.] [Vue-C 90”.] [Vue-C 99”].

 Closed height adjustable: [Vue-L 59”.] [Vue-L 83”.] [Vue-C 75”.] [Vue-C 90”.] [Vue-C 99”].

 Work Surface:

 Type: [Single.] [Dual.]

 Construction: [1-1/8 inch thick medium density fiberboard with laminate facings.] [5/8 inch thick compact laminate.] [1-1/4 inch Solid Surface with bullnose edge.]

 Faces: [laminate.] [Truform laminate.]

 Edge type: [Safeguard, 1-1/8 inch black polyethylene T-edge, routed into edge.] [Exposed core.] [Comfort Edge, 1-1/8 inch molded urethane shaped edge.]

 Laminate face color: [White.] [Black.] [Gray.] [Maple.] [Walnut.] [\_\_\_\_.]

* + - 1. Solid surface color. [White.] [Black.] [Gray.] [\_\_\_\_.]

 End Panels:

 Core material: [3/4 inch thick medium density fiberboard with laminate facings.] [5/8 inch thick compact laminate.]

 Faces: [laminate.] [Truform laminate.]

 Laminate face color: [White.] [Black.] [Gray.] [Maple.] [Walnut.] [\_\_\_\_.]

 Laminate grain direction:

* + - * 1. Work surfaces: Along length of component.
				2. Doors and end panels: [Horizontal.] [Vertical.]

 Doors:

 Construction: [Ventilated Steel.] [3/4 inch thick medium density fiberboard with laminate facings.]

 Faces: [laminate] [Truform laminate].

 Laminate face color: [White.] [Black.] [Gray.] [Maple.] [Walnut.] [\_\_\_\_.]

 Latches: Soft touch type.

 Lifting Columns: [One set of two columns.] [Two sets of two columns.]

 Power Compatibility: 110V and 240V capable; hardwire ready duplex power.

 Versa-Trak: Provide infinite monitor arm adjustability.

 Accessories:

 Turrets: [6U.] [Custom.]

 Perforated privacy panel.

 Acoustical lighting partitions: [Black.] [Light Gray.] [Dark Gray.] [Beige.] [White.]

 Synergy touch control system.

 CPU pedestals.

 Monitor mounts and mounting posts.

 Phone trays.

 Laptop trays.

 Keyboard trays.

 Pro Series II racks.

 M-View monitor walls.

 FINISHES

 Steel: Manufacturer’s standard black powder coat.

 Aluminum: Black anodized.

 EXECUTION

 INSTALLATION

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

END OF SECTION