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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.

 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 crossbar.

 End Frames:

 Capable of integrating one set of electric-lift columns along with cable followers in horizontal crossbar.

 Support fully loaded console and incorporate threaded adjustable glides.

 Incorporate lift off panel on the open base console legs.

 Height-Adjustable Consoles: Comprised of steel end frames with two electric-lift legs and ergonomic work surfaces.

 Cable Management:

* + - 1. 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:

 Operating at speed of 38 mm per second with load capacity of 180 pounds per work surface.

 Provide work surface adjustment from 28.25 to 44.25 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 Sightline workstations by Winsted, [www.winsted.com](http://www.winsted.com).

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

 COMPONENTS

 Frame:

 Type: [Sightline A.] [Sightline.] [Sightline HD.]

 Material: Steel.

 Base:

 Open stationary: [Sightline.] [Sightline HD.]

 Open height adjustable: Sightline A.

 Closed stationary: [Sightline.] [Sightline HD.]

 Closed height adjustable: Sightline A.

 Work Surface:

 Type: Single.

 Construction: [3/4 inch thick medium density fiberboard with laminate facings and Safeguard edge.] [5/8 inch thick compact laminate with straight edge.] [1-1/4 inch thick solid surfacing with bullnose edge.]

\*\*\*\* OR \*\*\*\*

 Construction: [3/4 inch thick medium density fiberboard with laminate facings and Safeguard edge.] [5/8 inch thick compact laminate with straight edge.]

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

 Solid surfacing color: [White.] [Black.] [Gray.] [\_\_\_\_.]

 End Panels:

* + - 1. Construction: [3/4 inch thick solid core material with melamine laminate facings.] [3/4 inch thick medium density fiberboard with melamine laminate facings.] [5/8 inch thick compact laminate.]

 Faces: Melamine 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:

 Front doors:

* + - * 1. Construction: [3/4 inch thick solid core material with melamine laminate facings.] [3/4 inch thick medium density fiberboard with melamine laminate facings.]
				2. Faces: Melamine laminate.
				3. Laminate face color: [White.] [Black.] [Gray.] [Maple.] [Walnut.] [\_\_\_\_.]
				4. Latches: Soft touch type.

 Rear doors: Ventilated steel.

 Lifting Columns: One set of two lift columns per adjustable work surface.

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

 Versa-Trak: Provide infinite monitor arm adjustability.

 Accessories:

 Desktop rack enclosure: [4U, 45 degree.] [6U, 12 degree.] [11U, 12 degree.] [Custom.]

 Desktop rack enclosure: 6U 12 degree.

 Universal power compatibility.

 Versa-Trak.

 Synergy touch control system.

 CPU shelves.

 Phone trays.

 Laptop trays.

 Keyboard trays.

 Pro Series II racks.

 M-View monitor walls.

 Display mounts.

 Mounting posts.

 Dyna-linq.

 Hanging file door.

 Slatwall.

 Operator partitions.

 Fans for metal doors.

 11U rack rails.

 Drop-in panels.

 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