SECTION 123280 – MEDIA SHELVING AND CASEWORK

PART 1 - GENERAL

1.1 RELATED DOCUMENTS

A. Drawings and general provisions of the Contract, including General and Supplementary Conditions and Division 01 Specification Sections, apply to this Section.

1.2 SUMMARY

A. Section includes:

1. Furnishing and installation of steel bookstack shelving in Media Center.

1.4 SUBMITTALS

A. Product Data: Submit applicable reference standards, performance data, and application recommendations and limitations.

B. Shop Drawings: Submit design and installation drawings showing product components in assembly with adjacent materials and products.

C. Quality Control Submittals:

1. Manufacturer's installation instructions.

D. Contract Closeout Submittals:

1. Maintenance recommendations.
2. Warranty.

1.5 DELIVERY, STORAGE AND HANDLING

A. Pack and ship to avoid damage according to manufacturer's recommendations:

1. Finish and assemble components in factory before shipment.
2. Ship components in individual, sealed, labeled cartons.
3. Deliver components to room designated for installation.

B. Do not accept or install damaged products at the site.

C. Store products in heated indoor storage near point of installation. Retain protective packaging until installing.

1.6 PROJECT CONDITIONS

A. Environmental Requirements: Do not install cabinets until all mortar, wet and dust producing work is completed.

B. Field Measurements: Obtain required field measurements from the Contractor and indicate on Shop Drawings.

1.7 WARRANTY

A. Provide manufacturer's written warranty that products not in accordance with requirements of Contract Documents within three years after commencement of warranties shall be corrected promptly after receipt of written notice from Owner.

PART 2 - PRODUCTS

2.1 ACCEPTABLE MANUFACTURERS

A. Basis-of-Design Product: Subject to compliance with requirements, provide products by Brodart Contract Furniture, McElhatten, PA. or equivalent product by one of the following:

1. Montel & the Worden Company
2. Russwood Library Furniture, Raleigh, NC.

B. Manufacturers offering substitute products must obtain approval prior to bidding as required under provisions of Instructions to Bidders.

1. Manufacturer requesting prior approval must submit evidence of minimum 20 years experience manufacturing media education furniture.
2. Manufacturer requesting prior approval must submit samples of materials, construction features and finishes.

2.2 PRODUCTS

A. Basis of Design: Matrix Series by Brodart.

2.3 SYSTEM DESCRIPTION

A. Type of Bookstack:

2. Steel Bookstacks shall be cantilever, unit construction design with individual welded frame assemblies.
3. The modular construction shall be such that all components of a bookstack section may be removed from any range without in any way disturbing the adjacent units, so that any range may be divided for the purpose of rearrangements without the necessity of procuring additional components. Any bracing which prevents insertion of oversize material (past the center line) on any base or adjustable shelf is not acceptable.

A. Sheet metal is to be cold rolled, Class 1 steel. Gauge thicknesses are U.S. standard with the following minimum requirements:

1. Upright Columns of welded frame: 16 gauge.
2. Top and Bottom Spreaders of welded frame: 16 gauge.
3. Shelves (including Base Shelf): 18 gauge.
4. Shelf End Brackets: 16 gauge.

C. All shelving shall be carefully adjusted to the floor and leveled. Wall shelving shall be attached to the walls at the most inconspicuous locations.

E. Search Stations at End Panels.

1. Search Station Cabinet shall be fabricated from veneer panels with solid hardwood bands. The work surface shall be a 3-ply construction consisting of 0.050" high pressure laminate face, medium density particleboard core, and 0.028" balancing backer, for a nominal total thickness of 1-1/4". The front edge of the top shall be externally banded with a 1-1/4" wide by 1-9/16" high, profiled solid hardwood band, and the side edges shall be externally banded with a 1/4" wide by 1-9/16" high, flat solid hardwood band. The cabinet features a locking door with European style hinges. A cord drop space is placed along the back edge of the top and bottom of the unit and the cabinet is ventilated to allow adequate equipment

cooling.

D. Shelving Types: As designated on drawings and in schedule.

1. Shelf dimensions are nominal.
2. All components, parts and accessories are to be provided for complete installation.

E. Wood: Antique finish on maple.

F. Powder-coated steel shelving: Black.

PART 3 - EXECUTION

3.1 INSTALLATION

A. Installation in accordance with manufacturer's instructions.

3.2 ADJUSTING

A. Adjust all hardware for smooth operation.

3.3 CLEANING

A. Clean all surfaces of soil and remove all packaging materials and construction debris.

3.4 MEDIA CENTER SHELVING SCHEDULE

Brodart, Welded Frame Cantilever Shelving with Wood Veneer End panels and Counter tops. End panels are ¾" thick, self edge, laminated two sides, particle board core. Counter tops are 1-1/8" thick with self edge, laminated on one or two sides, as noted, particle board core.

SH-1
Double face 48"h x 36"w x 24"d base w/ 4 - 12"d adj. flat shelves, self edged HPL end panels and counter tops. HPL to be on all sides of end panels and all sides of counter tops.

SH-2
Double face 48"h x 36"w x 24"d base w/ 4 hinged periodical shelves, self edged HPL end panels and counter tops. HPL to be on all sides of end panels and backer paper to be on underside of counter tops.

SH-3
Double face 72"h x 36"w x 24"d base w/ 4 - 12"d adj. flat shelves, self edged HPL end panels and counter tops. HPL to be on all sides of end panels and all sides of counter tops.

SH-4
Single face 30"h x 36"w x 12"d base w/ 4 - 12"d adj. flat shelves, self edged HPL end panels and counter tops. HPL to be on all sides of end panels and all sides of counter tops.

SH-5
Single face 72"h x 36"w x 12"d base w/ 4 - 12"d adj. flat shelves, self edged HPL end panels and counter tops. HPL to be on all sides of end panels and all sides of counter tops.

3

SS-1
Search Station OPAC Cabinet – 18"d x 26"w – Basic Door Front

END OF SECTION 123280