



Fulton County, GA

Department of Purchasing & Contract Compliance

November 7, 2012

Re: 12ITB092812K-NH Office Furniture, Fixtures & Equipment Supply and Installation for the Atlanta-Fulton Public Library System Capital Improvement Program – Phase I

Dear Bidders:

Attached is one (1) copy of Addendum 1, hereby made a part of the above referenced Invitation to Bid.

Except as provided herein, all terms and conditions in the Bid referenced above remain unchanged and in full force and effect.

Sincerely,

Nancy Harrison

Nancy Harrison, CPPB
Assistant Purchasing Agent

Winner 2000 - 2009 Achievement of Excellence in Procurement Award • National Purchasing Institute



**12ITB092812K-NH Office Furniture, Fixtures & Equipment Supply and Installation
for the Atlanta-Fulton Public Library System Capital Improvement Program –
Phase I
Addendum No. 1
Page Two**

This Addendum forms a part of the contract documents and **modifies** the original ITB documents as noted below:

- **Item1 - Clarification**
- **Item 2 – Responses to Vendor Questions**
- **Changes and Modifications to Section 7 (Scope of Work)**
- **Changes and Modifications to Section 11 (Pricing Forms)**

ACKNOWLEDGEMENT OF ADDENDUM NO. 1

The undersigned proposer acknowledges receipt of this addendum by returning one (1) copy of this form with the proposal package to the Department of Purchasing & Contract Compliance, Fulton County Public Safety Building, 130 Peachtree Street, Suite 1168, Atlanta, Georgia 30303 by the ITB due date and time **November 28, 2012, 11:00 A.M.**

This is to acknowledge receipt of Addendum No. 1, _____ day of _____,
20__.

Legal Name of Bidder

Signature of Authorized Representative

Title

I. Clarification

- A. See Section 7, Scope of Work and Technical Specifications, Schedule of Items, page 8 of 60. Group Letters for furnishings are correct. On Page 38 of 60, please Group D reference should be Group E, Item: Steel Book Stacks.
- B. See Section 7, Scope of Work and Technical Specifications, Item 15, Steel Canopy Tops, page 49 of 60, add the following statement: “The steel shelving vendor shall offer steel canopy tops that are designed for the steel shelving being proposed. The successful vendor shall coordinate shop drawings with the end panel vendor to ensure that the end panels and tops fit the shelving”.
- C. See Section 7, Scope of Work and Technical Specifications, Furnishings & General Specifications, Furnishing Index, page 9 of 60. Page 9 has been replaced in its entirety.
- D. See Section 7, Scope of Work and Technical Specifications, Furnishings & General Specifications, Item Description, Group A, Item Number 100, pages 10, 11 & 12 of 60 have been replaced in their entirety.
- E. See Section 7, Scope of Work and Technical Specifications, Furnishings & General Specifications, Item Description, Group B, Item Number 200 & 201, pages 13, 14, 15, 16 & 17 of 60 have been changed to Group B-1. See replaced sheets.
- F. See Section 7, Scope of Work and Technical Specifications, Furnishings & General Specifications, Item Description, Group B, Item Number 202, pages 18 & 19 of 60 have been changed to Group B-2. See replaced sheets.
- G. Section 7, Scope of Work and Technical Specifications, Furnishings & General Specifications, Item Description, Item Number 403A, Item: Systems Furniture has been added to the ITB. See added sheets.
- H. Section 7, Scope of Work and Technical Specifications, Furnishings & General Specifications, Item Description, Item Numbers 502, 503, 504, 505 and 506, pages 40, 41, 42, 43, and 44 of 60 have been revised for Question quantity. Item Numbers 502A, 503A, 504A, 505A and 506A have been added. See added sheets.
- I. Section 11, Pricing Forms have been modified; replace the entire section with the attached sheets.

II. Questions and Answers

Q1. Do you know the estimated cost range or budget determined for contract 12ITB092812K-NH?

A1. No

Q2a Must the furniture manufacturers hold a State of Georgia Contract?

Q2b Can we use manufacturers that hold a Federal GSA contract?

A2a No

A2b Yes

Q3. Is the shelving base a sloping or flat base with an integral back?

A3. Refer to Section 7, Scope of Work and Technical Specifications, Item Description, Group E, pages 38 thru 49.

Q4. Will hook on wire book supports or findable book supports be provided with the shelving?

A4. Refer to Section 7, Scope of Work and Technical Specifications, Item Description, Group E, pages 38 thru 49.

Q5. Will laminate canopy top brackets be required for any of the shelving? Canopy to brackets are provided by the shelving manufacturer even though the laminate tops may be sourced for another vendor.

A5. This requirement will not be determined as a part of this ITB. It will be determined during design and as part of a separate package issued at a later date.

Q6. Please clarify which group the shelving is under. The "Item Description" states the shelving is group D.

A6. See Clarification A.

Q7. We would like to get Borroughs "WilsonStak" series shelving approved as an equal to Tennsco/Estey. Borroughs did submit mock-ups earlier

A7. The earlier mock-up process was to establish a basis of design for the ITB. All substitution requests will be considered, per Section 7, Scope of Work and Technical Specifications, Substitutions, page 4 of 60. The approved substitutions will be posted in an addendum.

Q8. Will you please provide me with a list of approved alternate manufactures for section "D"?

A8. Please see response to A7.

Q9. Can you please provide the addresses for the different libraries included in this bid?

A9. See the information below in response to this question.

Alpharetta Library, Alpharetta, GA

New 25,000 sf branch library

East Roswell Library, Roswell, GA

New 15,000 sf branch library

Milton Library, Milton, GA

New 25,000 sf branch library

Northwest Atlanta Library, Atlanta, GA

New 25,000 sf branch library

Palmetto Library, Palmetto, GA

New 10,000 sf branch library

Southeast Atlanta Library, Atlanta, GA

New 15,000 sf branch library

Stewart-Lakewood Library, Atlanta, GA

New 25,000 sf branch library

Wolf Creek Library, Atlanta, GA

New 25,000 sf branch library

Auburn Avenue Research Library, Atlanta, GA

Major renovation and expansion of the 50,000 sf Auburn Avenue Research Library on African American Culture and History

South Fulton Library Expansion – L010

Renovation and Expansion that adds 10,000 sf to the existing 15,000 sf structure for a total renovation and expansion of 25,000 sf for this branch library

ITEM DESCRIPTION

GROUP A

Item Number: 100

Item: Workstation

Manufacturer & Number: Global, Princeton or Approved Equal

Description: Princeton series, U-shape casework with painted metal mobile pedestal, laminate three (3) shelf bookcase @ 36W x 15"D, painted metal lateral file 36"W, closed and lockable overhead storage, LED task lighting under overhead, tackable surface under overhead storage, desk with partial modesty panel, LED desk light, keyboard tray, monitor arm, grommets, CPU holder. For additional information, see drawings below.

Dimensions:

Overall: 7'-8" x 10'-0"

Worksurface thickness: 1"

End Panels: 1 1/2" thick on desks and credenzas.

Cabinet End Panels: 11/16" thick

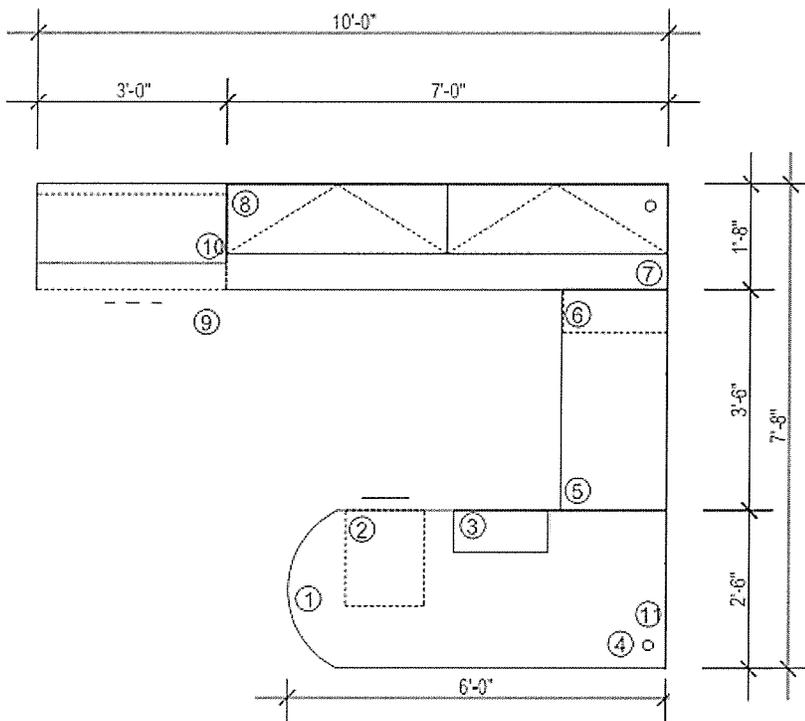


Image for reference only. May not be exact.

Components List:

1. Work surface with modesty panel
2. Box/Box/File Pedestal with integral pull
3. Adjustable keyboard tray
4. Grommet for power and data
5. Return work surface
6. CPU Holder
7. Credenza
8. Enclosed overhead storage with LED task light
9. 2 drawer lateral file, with integral pull
10. 3 shelf bookcase
11. Monitor arm

General Notes:

- GN1. All painted metal surfaces and brackets to be matching finishes
 GN2. All work surfaces to be plastic laminate
 GN3. All files to be painted metal

Finishes: Select from Manufactures standard finishes.

QUANTITY	LOCATION
1	Alpharetta Branch Library L001
1	East Roswell BranchLibrary L002
1	Milton Branch Library L003
1	Northwest Atlanta Branch Library L004
1	Palmetto Branch Library L005
1	Southeast Branch Library L006
1	Stewart Lakewood Branch Library L007
1	Wolf Creek Branch Library L008
*5	Auburn Avenue Research Library L009 (*quantity estimated, program not complete)
1	South Fulton Branch Library L0010
<hr/>	
*14	

REQUIREMENTS

- General
 - 45lb density particle board substructure with high performance thermally fused laminate.
 - Tops are thermally fused laminate on both sides, finished on all sides with a 3MM matching edge band.
 - Standard leveling glides.
 - Mobile pedestals standard with front locking casters.
- Modesty Panels:
 - Standard modesty panels on desk, returns and bridges.
 - Flush on freestanding returns.
 - Recessed 6" deep on 36" desks.
 - Bottom of modesty panel: 17 ¾" AFF

- **9300 / 9300P SERIES LATERAL FILE SPECIFICATIONS**

- A. Drawers have been weight tested at 130 lbs. for a 42", 110lbs. For a 36", 93lbs. for a 30"
- B. Cases and components are painted with a high-solids polyester paint electro-statically applied to 1 mil + thickness and backed at 340 degrees for 15 minutes to a hard durable finish. Polyester paint has a higher resistance to ultra violet rays and therefore has better color stability than standard alkyd enamel paints.
- C. This cabinet passes ANSI-BIFMA and CGSB 44.1 with counterweight option.
- D. Limited lifetime warranty (Locks and Slides 20 years.)
- E. Steel is prime cold rolled commercial quality.
- F. Gauges of metal:

Top: 20ga	Sides: 20ga	Back: 20ga
Base: 18ga	Fronts: 22ga	Drawer body: 18ga sides 19ga back & bottom
Posting shelf : 18ga	Slides: 18 ga	Support gussets: 16 ga

*New slides (3/14/2005) inner & middle channel 15 ga outer channel 14 ga.
- G. Dimensions of cabinet:

Depth: 18"	Width: 30"	Height: 2drawer at 27 1/8"
	Width: 36"	Height: 3drawer at 40 1/2"
	Width : 42"	Height: 4drawer at 54"
		Height: 5drawer at 65 1/4"

ITEM DESCRIPTION

GROUP B-1

Item Number: 200

Item: Task Chair

Manufacturer & Number: Allseating 78040-T2-FM- mesh back color option -AW-SS-F2-ST or Approved Equal

Description: Inertia task chair, width and height adjustable arms, seat slider, height adjustable back, synchro tile, mesh back, and upholstered seat.

Dimensions:

Overall Height:	39.5-40.75"
Seat Height:	16.5"-20.75"
Overall Width:	28"
Seat Width:	18.5"
Overall Depth:	28"
Seat Dept:	18"
Back Width:	19"
Back Height:	20"



Image for reference only. May not be exact.

Finishes: Select from Manufactures standard finishes.

QUANTITY	LOCATION
29	Alpharetta Branch Library L001
19	East Roswell BranchLibrary L002
25	Milton Branch Library L003
25	Northwest Atlanta Branch Library L004
13	Palmetto Branch Library L005
19	Southeast Branch Library L006
27	Stewart Lakewood Branch Library L007
27	Wolf Creek Branch Library L008
*45	Auburn Avenue Research Library L009 (*quantity estimated, program not complete)
30	South Fulton Branch Library L0010

*259

ITEM DESCRIPTION

Item Number: 201

Item: Task Stool

Manufacturer & Number: Allseating 78019-T2-FM- mesh back color option -F2

Description: Inertia task stool, armless, adjustable height, fixed seat, mesh back, foot rest

Dimensions:

Overall Height:	40-48"
Overall Width:	28"
Seat Width:	18.5"
Overall Depth:	28"
Seat Depth:	18"
Back Width:	19"
Back Height:	20"



Image for reference only. May not be exact.

Finishes: Select from Manufactures standard finishes.

QUANTITY	LOCATION
1	Alpharetta Branch Library L001
1	East Roswell BranchLibrary L002
1	Milton Branch Library L003
1	Northwest Atlanta Branch Library L004
1	Palmetto Branch Library L005
1	Southeast Branch Library L006
1	Stewart Lakewood Branch Library L007
1	Wolf Creek Branch Library L008
*5	Auburn Avenue Research Library L009 (*quantity estimated, program not complete)
1	South Fulton Branch Library L0010

*14

2.0 Product Specifications

2.1: Casters

- Standard 65mm (2.55") Hard (Carpet Casters) are reinforced nylon.
- Twin-wheeled, Non-hooded.

2.2: Base

- Standard 27" scuff resistant, reinforced nylon base

2.3: Height Adjustment Cylinder

- Standard Gas-assisted, 4.25" travel cylinder

2.4: Mechanism

- Mechanism Types include:
Synchro-Tilt (ST): Back tilts 2 degrees for every 1 degree the seat tilts [4 Position Tilt-Lock or left in Free flow]

2.5: Seat

- molded plywood

2.6: Back

- Steel tubing (14 gauge, 7/8" diameter)

2.7: Mesh

- 100% polyester

2.8: NA

2.9: Arms

- **Task 2 Arms:**
Constructed of steel, plastic, and polyurethane armcaps

2.10: Foam

- molded seat foam for seat
- Optional slab polyurethane seat foam
- Upholstered back features slab polyurethane foam
- HCFC and CFC free

2.11: Upholstery

- All of Allseatings standard and graded-in fabrics are available

5.3: Inertia Task Stool

Base is made from reinforced nylon

Swivel Mechanism made of stamped steel construction/ epoxy powder coat paint

Foot-ring: made of aluminum and steel tube

Standard 8" travel pneumatic cylinder (gas assist).

Seat Height: 20-28" Standard; 22-32"

6.0 NA

7.0 Environment

Greenguard Certified for Indoor Air Quality

Download certificates at www.greenguard.org

7.1: Recycled Content

Task Chair

% Pre-Consumer

17% Post Consumer

17% Recycled Content

78% Recyclable

8.0 Test Standards

Structural Testing:

BIFMA X5.1-2002

(09-03-C0104B; 09-03-C0244; 09-03-C0104A;
09-03-C0254A;

Ergonomic and Measurement Standards:

10-03-C0269)

CGSB 44.232-2002

(09-03-C0104C;

09-03-C0104D) GPD-6

(MI-7-2431-3; MI-7-2431-4)

HFES100-2007

Flammability:

CAL TB133 (only approved configurations and fabrics)

CAL TB117 (all configurations and fabrics)

GROUP B-2

ITEM DESCRIPTION

Item Number: 202

Item: Stack Chair

Manufacturer & Number: Keilhauer 2300 or Approved Equal

Description Mimic armless stack chair with poly seat and flex back

Dimensions:

Overall Height:	32.5"
Seat height:	17.5"
Backrest height:	14.5"
Backrest angle:	103°
Backrest to seat angle:	96.5°
Seat pan angle:	6.5°
Overall width:	19.5"
Seat width:	17.8"
Backrest width:	17.5"
Overall depth:	22.25"
Overall weight:	15 lbs

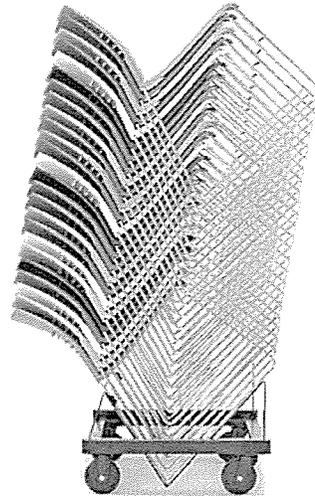


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Finishes: Select from Manufactures standard finishes.

QUANTITY	LOCATION
12	Alpharetta Branch Library L001
6	East Roswell Branch Library L002
137	Milton Branch Library L003
137	Northwest Atlanta Branch Library L004
4	Palmetto Branch Library L005
74	Southeast Branch Library L006
152	Stewart Lakewood Branch Library L007
137	Wolf Creek Branch Library L008
*100	Auburn Avenue Research Library L009 (*quantity estimated, program not complete)
132	South Fulton Branch Library L0010

*891

REQUIREMENTS

Frame Construction: Rod Steel
Back Assembly: Polypropylene
Stacking quantity on dolly: Up to 25
Weight Limit: 250lbs

Dolly:

Material: Steel
Dimensions: 22.5"W x 30"D x 15"H
Dimensions with 25 chairs: 22.5"W x 45"D x 66.5"H

NOTE: Dimensions are per Universal Measurement Procedure using the BIFMA Chair Measuring Device.

GREENGUARD CERTIFIED- Certificate #21770-410

ITEM DESCRIPTION

Item Number: 403A

Item: Systems Furniture

Manufacturer & Number: Teknion, Leverage Panel System or Approved Equal

Description: Leverage Systems, painted metal pedestals, 5'-0" Long; closed, lockable overhead with LED task lighting, adjustable keyboard tray, monitor arm, slatwall type panel with accessories, LED desk lamp, 2 grommets. See drawings for additional layout detail.

Dimensions: 3'-0" x 5'-0"

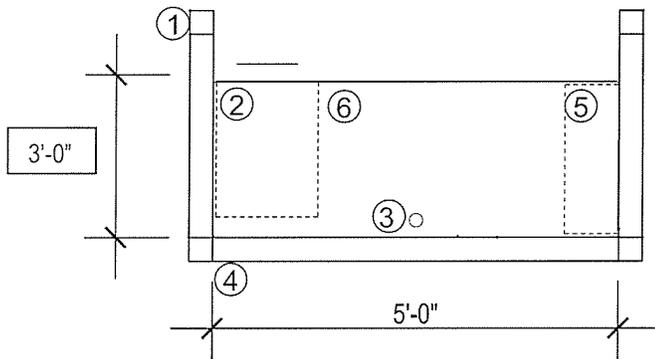


Image for reference only. May not be exact.

Components List:

1. 42" High Panel
2. Box/Box/File Pedestal with integral pull
3. Grommet for power and data
4. 66" High Panel with tackboard surface on worksurface side
5. CPU Holder
6. 2'-0" x 5'-0" work-surface, plastic laminate

General Notes:

- GN1. All painted metal surfaces and brackets to be matching finishes
- GN2. All work surfaces to be plastic laminate
- GN3. All files to be painted metal

Finishes: Select from Manufactures standard finishes.

QUANTITY	LOCATION
8	East Roswell Branch Library L002
8	

REQUIREMENTS

- 1.0 Panels**
- 1.1** Panels shall have field removable, acoustical/tackable, architectural and glass elements
 - 1.1.a** Panel frame must be non-progressive, fully constructed, fully assembled and unitized
 - 1.1.b** Elements can be re-upholstered in the field
 - 1.1.c** Elements shall be removable on both sides of panel for easy wire access and management
 - 1.1.d** All acoustic elements are also tackable
 - 1.1.e** Glass elements shall be constructed of single pane, clear and frosted tempered glass
 - 1.1.f** Architectural glazed element shall be constructed of single pane, clear and frosted tempered glass with a choice of 5 different patterns
 - 1.1.g** Fabric elements shall be constructed of galvanized steel frame and designed with straight, horizontal edges. Each element shall have its own solid septum and be fabric wrapped and glued with a non-toxic, water based adhesive and reinforced with metal access clips
 - 1.1.h** Acoustical elements shall have a minimum NRC and STC ratings of .65 and 20, respectively
 - 1.1.i** Typical 66" high panel has a 6" metal base with two 30" elements or any element configuration of 15" or 30" and face-mounted electrical within the element
 - 1.1.j** Electrical outlets must be secured to the panel frame.
- 1.2** Panel frame shall be constructed of welded steel which forms a rigid, structural frame to which outer cover pads and elements are applied.
 - 1.2.a** Construction of minimum 20 gauge, cold rolled steel welded to form a rigid structure incorporating all load-bearing pilasters, together with leveling and connecting fittings for attachment of skin surface. One-piece construction, full height of panel with an epoxy powder finish.
 - 1.2.b** Frame shall have 1" incremental slots designed to accept cantilevers and overhead components for vertical hanging of 3" increments.
- 1.3** Panels shall be equipped with adjustable leveler glides formed of cold rolled steel with a welded cup. Glide cup shall be coated with durable and rust- resistant epoxy. Glide receiver shall be constructed of cold rolled steel welded to the panel vertical for maximum stability and rigidity with maximum leveling of adjustment range of 3".
- 1.4** Panels shall permit add- on of stacking modules with lay in trough to increase panel height on site at any time without dismantling or replacing panel
 - 1.4.a** Two 15" add on modules (glazed or fabric) can be added to base panels of any height building to an overall maximum height of 96".
 - 1.4.b** The first stack on unit is structural
- 1.5** Panels shall be 3" thick and must permit distribution of fiber optic and communication cables without damage to the cable. Panels must provide capacity and protection for goof loops and connectors.
- 1.6** Panels shall have an option of both below the worksurface above the base and desk height, face mounted electrical access and can be interchanged in the field.

- 1.6.a Power shall be accessed at work surface or above base height on either side of the panel by means of duplex outlets. In addition, panel options shall permit power access at above worksurface or 18" AFF (above finished floor) heights. This includes multiple outlets within a single panel.
- 1.6.b Standard panel can be upgraded to a semi-segmented or segmented panel in the field
- 1.7 Panel connections shall be sealed to conceal electrical wiring
 - 1.7.a Provide for panel- to -panel connections with "posi -locks" and spring clips without intermediate components, concealing connector within finished panel
 - 1.7.b There shall be no panel creep from panel to panel connections
 - 1.7.c All Panels shall have a standard lay in trough that accommodates a 3" x 1-1/8" lay-in trough at the top of panel to house 60 CAT 5/6 cables.
- 1.7.d Corner braces shall be available for all panel connections and one panel end trim shall be used for connectors and panels.
 - 1.7.e Corner connections are available in 90°, 90°/180°, 3-way, 4-way, 180° and 120° configurations.
 - 1.7.f Panels can connect off module utilizing standard hardware. No defacing of elements occurs
- 1.8 Panels shall be available in the following approximate base heights 36", 42", 51", 66" and 81" (Various additional heights available with use of Add-ons)
- 1.9 Panels shall be available in the following widths: 24", 30", 36", 42", 48", 54" and 60"
- 1.10 Panels must be capable of being flush against the wall and attached with hardware

Panel Technical Table

Heights	Standard heights: 36", 42", 51", 66", 81" with add on
Width	Standard widths: 24", 30", 36", 42", 48", 54", 60"
Thickness	Panel thickness, including elements is 3"
STC	20
NRC	.65
Construction	
Base	The panel frame is constructed of welded steel with an integrated baseboard
Connector	Leverage panels connect using a metal to metal interlocking mechanism (posi-lock)
Panel	The panel frame is constructed of welded 20 gauge steel that forms a rigid, structural frame, covered with outer cover pads and accessory elements
Leveling Guides	Leverage panels come equipped with base levelers with an adjustment range of 3" to allow for consistency of panel height
Finishes	Epoxy-powder
Top Cap	Top cap is made with Aluminum
Upholstery	Polyester and various blends
Change in Field	Yes
Panel Fillers	Fiberglass center (type HV26 – 5/8" thick with a 1.44 P.C.F. density)
Panel to Component	Connected by various means
Privacy Screen	
Height	51", 66", 81"
Width	36", 42"

2.0 Electrical Power

2.1 Provide a 4, 5, 7 and 8 wire solution

2.1.a

Four-wire solution shall be a 120/140-volt single-phase system comprised of two (2) circuits

rated at 20 amps each. System contains a single neutral and ground.

2.1.b

Five-wire solution shall be a 120/140-volt single-phase system comprised of three (3) circuits rated at 20 amps each. System contains a single neutral and ground.

2.1.c

Seven-wire solution shall be a 120/140-volt single-phase system comprised of three (3) circuits rated at 20 amps each. System contains 2 neutrals and 2 grounds.

2.1.d

8N-Eight-wire solution shall be a 120/140-volt single-phase system comprised of four (4) circuits rated at 20 amps each. System contains 2 neutrals and 2 grounds.

2.1.e

8T-Eight-wire solution shall be a 120/140-volt single-phase system comprised of three (3) circuits rated at 20 amps each. System contains 2 neutrals and 2 grounds.

2.1.f

8K-Eight-wire solution shall be a 120/140-volt single-phase system comprised of three (3) circuits rated at 20 amps each. System contains 2 neutrals and 2 grounds.

2.1.g

Power must run from panel to panel without going outside of panel.

2.1.h

Electrics shall be modular and non-dedicated to panels allowing for reconfiguration

2.2

Receptacle outlets shall be 15 or 20 amps each. Identification numbers of all circuits shall be printed on the face of each receptacle. The isolated circuit receptacle shall be symbol displayed.

2.2.a

Receptacle outlets shall be accessed at base, ADA base (18" AFF), work surface or standing height (48" AFF). All within the elements.

2.2.b

Receptacle outlets shall be duplex outlets as noted drawing

2.3

Connection from the main building supply to the panel

2.3.a

For base entry, power shall be activated through lower base element of panel. Power shall enter at either end of the panel width and at a height 6 inches from the floor by means of a base electrical feed or junction box and feed placed behind lower base element.

2.3.b

For ceiling entry, power shall be activated through a power pole and shall be painted the same color as the panel frame. Power pole entry shall be located anywhere at the top of the panel.

2.3.c

Multiple stations shall be powered from a single electrical feed. The number shall depend on the amount

of power loaded into each workstation, not the capacity of the panel.

2.3.d

Power pole has built in septum for the separation of voice and data

2.4

Task lights shall mount under shelf or hanging cabinet in a fixed or movable location or shall be freestanding.

2.4.a

Task light shall use an energy efficient cool white fluorescent tube that is mounted in a case-sheet steel housing. The lens shall snap into extruded polycarbonate.

2.4.b

Prismatic exterior controls light diffusion while remaining firmly in place. Instant starts must insure immediate illumination. Plunger switch shall be located at one side only and task light must not be handed

2.4.c

Units shall come with a wire management encasement that holds the electrical cord and attaches into the vertical panel slots. Bulbs to be included.

2.5

Systems shall accommodate International electrical communication requirements.

2.5.a

Base feed, receptacle box and power distribution box enclosures approved by the Chicago electrical code must be provided. These enclosures must permit the mounting of base feed and receptacles in the same locations as in the regular non-Chicago solution such that no modifications of the panel frame or Power/communications elements are required, apart from cutting an opening in the element for any base feed that is installed.

2.5.b

System must offer a split 18" base feed allowing for New York electrical.

Electrical Power Technical Table

4 wire with 2 general circuits, 5 wire with 3 general circuits, 7 wire with 2 general circuits and 1 isolated, 8 wire with 3 general and 1 isolated, 8 wire

Wire Configurations separate neutral with 2 general circuits and 1 isolated, 8 wire separate dual isolated, 10 wire system configuration available upon request

Connections All Wire

Task lights Conflux Task Light, See 9.0 Conflux Lighting

3.0 Communication Cable Management

3.1

For ceiling entry, cables shall be easily managed down to the work surface through punch-outs within each of the horizontal members of the panel and add-on modules. Cables shall also be brought to work surface height by means of power pole, which allows for internal separation for communication and electrical cables.

3.2

Cables shall be routed and effectively managed through the panel frame at various heights

3.2.a

Multiple horizontal cable paths shall be available within the upper panel frame

3.2.b

Cables and network connectors shall be concealed within the panel

3.2.c

Cable termination shall be conveniently located at base, ADA base (18" AFF), worksurface or standing height (48" AFF) and shall be accessible by users on either side of the panel.

3.2.d

Cable Management shall be enclosed around all corners

Communication & Cable Management Technical Table

Cable Capacities – Based on 66"H Panel

Cable Management

Opening Cable Capacity

Lay-in Module

60 .220 4-pair UTP cable - CAT 5

58.228 4-pair UTP cable – CAT 6

Upper Opening 2

37 .220 4-pair UTP cable – CAT 5

35.228 4-pair UTP cable – CAT 6

Intermediate Opening

61 .220 4-pair UTP cable – CAT 5

59.228 4-pair UTP cable – CAT 6

Base Opening

61 .220 4-pair UTP cable – CAT 5

59.228 4-pair UTP cable – CAT 6

Additional area if no Electrical
115 .330 4-pair UTP cable – CAT 5
111 .228 4-pair UTP cable – CAT6
TOTAL
334 .220 4-pair UTP cables – CAT 5
322.228 4-pair UTP cables – CAT 6

4.0 Work Surfaces & Supports

4.1

Work surfaces shall be constructed of 45lb. Core Density Particleboard or 38-42lb OSB board with surface top and backing of .032 inch high pressure laminate or source laminate for total thickness of 1 1/16" inch. All corners of high pressure laminate shall be radiused 1/8". All corners of source laminate are square. Specific work surfaces will also include a reinforcing wire tray as required. Work surfaces shall be designed to support a minimum of 300 lbs.

4.1.a

Laminate work surface non-user edges shall be finished with a bonded PVC impact resistant T-molding that come in two styles: PVC Flat (3mm) or PVC Wave (6mm). Flintwood worksurface non-user edges are finished with a matching Wood Flat Trim.

Flat PVC Wave PVC Flat Wood

4.1.b All HPL work surfaces shall provide access for cable management by an integrated cable scallop standard in every work surface to provide 3/8" rear access for cable management and an optional wire management trough beneath the work surface.

Integrated Scallop

4.1.c

All source laminate worksurfaces do not include an integrated cable management scallop.

4.1.d

Surface finishes available in LPL, HPL & Flintwood

4.2

Work surfaces shall be adjusted to accommodate various task heights including wheelchair access, typing height, stand-up and counter height.

4.2.a

Work surfaces shall be panel-hung, pedestal supported, or semi-supported using worksurface supports as required and other panel-supported hardware. Work surfaces can be hung from the vertical slots on the panel frame or off module utilizing off module (intermediate) C-leg

4.2.b

On module

supports and hardware shall be universal and may be used in any position (right, left, center).

4.2.c

Cantilevers shall be constructed of 12 gauge steel, Corner brackets shall be constructed of 14-gauge steel, and flush - mounting plates shall be constructed of 11-gauge steel.

4.2.d

Off module support is universal and be mounted along horizontal rail of fully segmented Panel

4.2.e

All supports shall be installed into metal inserts underneath the work surface.

4.3

Work surfaces shall be available in the 19", 24", 30" and 36" depths.

4.4

Work surfaces shall be available in the following widths: 24", 30", 36", 42", 48", 54", 60", 66", 72" 84" and 96".

Work Surfaces & Supports Technical Table

Work surfaces	<i>Applies to Rectangular Worksurfaces</i>
Width	24", 30", 36", 42", 48", 54", 60", 66", 72", 84", 96"
Depths	19", 24", 30", 36"
Thickness	1"
Weight Load	300 lbs
Weight Load of Corner	
KWSK3048	300 lbs
Construction:	Laminate work surfaces are constructed of 45lb. Core density particle board or 38-42lb oriented strand board (OSB). Wood worksurfaces are constructed of 45lbs core density particleboard.
HPL Core	
HPL Top	.032 inch high pressure laminate, flintwood (.039 inch)
LPL Core	Same as HPL Core
LPL Top	.016 inch thermally fused malamina
Underside	.032 inch high pressure laminate, wood without fully filled finish (.039inch)
Non User Edges	Laminate Edges are finished in vinyl, wood edges are finished in wood Cantilever brackets are constructed of 12 gauge (.105", 2.7mm) steel.
Support	Corner brackets are constructed of 14 gauge (.075", 1.90mm) steel; flush mount plates are constructed of 11-gauge (.120", 3.0mm) steel, c-legs are constructed of 16 gauge steel, monolegs are constructed of 12 gauge steel, flush end gables are constructed of 16 gauge steel, full flush modesty panels are constructed of 16 gauge steel
Wire Management	Scalloped in the back of HPL work surface standard for wire management in every surface Rectangular, EDP, Transition, Concave, Convex, Concave Transition, Convex Transition, Standard Corner, Curved Corner, Split Radius
Panel Mounted Shapes	Corner, Keyboard Cut-out Corner, Radius Corner with Return, Radius Corner Worksurface with Return (and Keyboard Support), Extended Corner with Transition Return, Rectangular Countertop, Convex Countertop.
Semi-Supported Shapes	Rectangular, Radius Corner with Return, Extended Corner with Transition Return, Bullet, Curvilinear Bullet Top, Transaction, D-Top, Convex End, Outside Corner, Peninsular Corner
Edge Trim Styles	PVC Flat, PVC Wave, Wood Flat
Edge Trim Thickness	3mm PVC Flat, 6mm PVC Wave, 1.5mm Wood Flat

5.0 Storage

5.1

Overhead cabinet units are available to provide lockable, panel mounted storage and attach to slotted verticals either at cabinet height or with up-mount cantilever. In addition off modular attachment on semi and fully segmented attachment is available.

5.1.a

The metal cabinet shall be constructed of cold-rolled steel and the door shall retract outside of the cabinet and the bottom shelf is steel

5.1.b

A lock with a durable plated metal finish shall be included with each cabinet

5.1.c

All cabinets 36 inches and longer shall have a reinforced bottom section for weight distribution

5.1.d

All cabinets shall be 15" high and 14" deep and are available in the following widths: 24", 30", 36", 42", 48", 54" and 60" (54" and 60" come with Double Doors)

5.1.e

The interior of the cabinet shall be equipped with a rail that accepts personal organizers and book organizers infinitely adjustable.

5.1.f

Overhead cabinet can be mounted off module on semi and fully segmented panels

5.2

Shelves shall be open and panel mounted via mounting brackets on 1" increments. Shelf comes knocked down.

5.2.a

The open shelf shall be constructed of cold – rolled steel with a durable epoxy polyester finish and shipped in a stretch-wrap film with cardboard end caps on pallets

Door Retreats Outside/Over

Overhead Upmount

Overhead

5.2.b

All Open Shelving shall be 8" high, 14" deep and come in the following widths: 24", 30", 36", 42", 48", 54", and 60"

5.2.c

Shelf shall have a load limit of 141lbs and back edge shall have a lip

Shelf

5.3

Pedestals shall be freestanding and fit under work surfaces with locks included

5.3.a

Pedestals shall be constructed of 22- gauge cold rolled steel with ¾ extension, box drawers and full progressive ball bearing suspensions on all file drawers.

5.3.b

All pedestals shall have as standard a field changeable lock and leveling glides.

5.3.c

All metal finishes shall be of a durable epoxy finish.

5.3.d

File drawers shall be full height and accept hanging file folders both front to back and side-to-side. Box drawers shall include as a standard one metal divider and one pencil tray.

5.3.e

Configurations come in: 1 Box – 1 File, 2 Box –2 File

5.3.f

Pedestals shall be available in 3 depths 18", 22" and 28" with a weight load of 200lbs

Storage Technical Table

Overhead Storage

Height	15"
Depth	14"
Widths	24", 30", 36", 42", 48", 54", 60"
Construction	Cold rolled steel
Finish	Foundation and Mica Finish
Height Adjustment	Can be attached on module at any height in 1" increments

Overhead to Panel attachment On-modular or off module via mounting brackets at top of panel or at 15" increments

Load Limit	141 lbs
Door	Retracts outside over the cabinet. Optional soft close available
Locking	Lock optional/Keyed alike or different

Open Shelving

Height	8"
--------	----

Depth	14"
Widths	24", 30", 36", 42", 48", 54", 60"
Construction	Cold rolled steel
Finish	Foundation or Mica Finish
Shelf to Panel attachment	On-module via mounting brackets
Height Adjustment	Can be attached at any height in 1" increments
Lip on Back Edge	Yes
Load Limit	141 lbs
Pedestals	(not including stretch pedestals)
Height	21", 27"
Depth	18", 22", 28"
Construction	Cold rolled steel
Load Limit	200 lbs
Supports	Freestanding or worksurfacing supporting
Standard Drawer	2 Box – 1 File, 2 File, 1 Box – 1 File
Finish	Foundation or Mica Finish
Locking	Locks standard on all pedestals/Keyed alike or different
Change Configuration	Yes
in Field Options	Casters optional

6.0 Accessories

- 6.1 Accessories shall be of metal construction and hang off-surface from the accessory rail or accessory rail element
- 6.1.a Provide vertical divisional sorter for legal size documents, 9"H x 2"W x 12"D
- 6.1.b Provide tray for legal size documents, 2"H x 15"W x 9"D
- 6.1.c Provide binder bin, 8"H x 4"W x 8"D

Accessory Rail with Accessories

6.1.d

Signage can clearly identify department, person or team and shall be mounted to the panel via the top of the panel or can be suspended by an accessory rail

7.0 Finishes

7.1

Finish Program shall consist of a variety of finish materials and fabrics

7.1.a

All fabrics designed to enhance system products and shall be offered in a range of low intensity colors with some stronger hues and a variety of solids, patterns and textures. All fabrics shall exceed industry technical standards.

7.1.b

Foundation Laminates shall be high-pressure plastic laminates that are offered in solids, patterns and wood prints. They shall also be offered in a range of low intensity neutrals with some pearalized colors.

7.1.c

Premium laminates shall be high-pressure plastic laminates that are patterned to simulate wood and abstract prints.

7.1.d

Wood Veneer Laminates are pre-finished wood veneers that offer the properties of natural wood.

7.1.e

PVC edge trims shall be designed to either coordinate or contrast with laminate colors

7.2

Finish colors shall come in Foundation, Mica and Accent and are powder epoxy.

7.3

Panel fabrics shall come in a variety of intensities, solids, patterns, and textures and exceed technical standards.

Finish Technical Table

Fabrics **Grade A: /Grade 1:Grade 2,Grade 3:C.O.M.:** Select Maharam, Luna and other various Premium Laminates, Wood Veneer

Surface Finishes Foundation Laminates:

Laminates: & Flintwood

Edge Trim Finishes

PVC: & Flintwood:

Finish Colors Foundation, Mica, & Accent Standard – Clear, Frost/

Translucent: Standard – Clear,

Vertical Finishes Glazed: Bronze, Frost/ Ribbed – Ribbed, Clear, Bronze

Metal Elements:

9.0 Conflux Lighting

LED Lighting for the workstation must provide a Passive InfraRed (PIR) sensor that works based on infrared waves emitted by the user's body. The LED lamp must be provided with a USB port/outlet that allows hand-held devices to be plugged in, and also with Powermat surface in the lamp base to recharge electronic devices. LED lamp must provide documentation that supports the premise of producing 1000 LUX from 9 watts, offering a life span of up to 50,000 hours and reducing energy consumption. Lighting must PVC- and lead-free, GREENGUARD Certified and RoHS compliant and come standard with an optical prism covering which removes the glare commonly associated with LED bulbs.

10.0 Teknion Environmental Position

All Products must be ANSI/BIFMA e3 Level 2.

All Products must be ISO 9000 and 1400 are Required.

FURNISHINGS & GENERAL SPECIFICATIONS

FURNISHINGS INDEX

ITEM NO.	ITEM	MANUFACTURER
GROUP "A" FURNITURE		
100	Workstation	GLOBAL
GROUP "B-1" SEATING		
200	Task Seating	ALLSEATING
201	Task Stool	ALLSEATING
GROUP "B-2" SEATING		
202	Stack Chair	KEILHAUER
GROUP "C" TABLES		
300	Flip Top Table	FIXTURES
GROUP "D" MODULAR FURNITURE PANEL SYSTEMS		
400	Systems Furniture	TEKNION
401	Systems Furniture	TEKNION
402	Systems Furniture	TEKNION
403	Systems Furniture	TEKNION
403A	Systems Furniture	TEKNION
GROUP "E" STEEL BOOK STACKS		
500	Steel Book Stacks	TENNSCO
501	Steel Book Stacks	TENNSCO
502	Steel Book Stacks	TENNSCO
502A	Steel Book Stacks	TENNSCO
503	Steel Book Stacks	TENNSCO
503A	Steel Book Stacks	TENNSCO
504	Steel Book Stacks	TENNSCO
504A	Steel Book Stacks	TENNSCO
505	Steel Book Stacks	TENNSCO
505A	Steel Book Stacks	TENNSCO
506	Steel Book Stacks	TENNSCO
506A	Steel Book Stacks	TENNSCO
507	Steel Book Stacks	TENNSCO
508	Steel Book Stacks	TENNSCO
GROUP "F" METAL BOOK TRUCKS		
600	Book Truck	SMITH SYSTEMS
601	Book Truck	SMITH SYSTEMS
602	Book Truck	SMITH SYSTEMS

603
604

Book Truck
Book Truck

SMITH SYSTEMS
SMITH SYSTEMS

ITEM DESCRIPTION

Item Number: 502

Item: Steel Book Stacks

Manufacturer & Number: Tennsco Corp, Estey Weld Frame 66"H Single Face or Approved Equal

Description: 66"H Single Face w/fixed integral base and steel back panel

Dimensions: One Section: 15 Lineal Feet, 36"W x 66"H x 10"Shelf Depth, 12" Base Depth

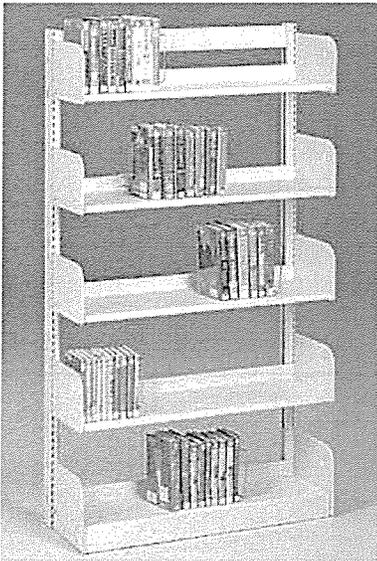


Image for reference only. May not be exact.

Finishes: Select from Manufactures standard finishes.

QUANTITY (LF)	LOCATION
8	Alpharetta Branch Library L001
8	Milton Branch Library L003
8	Northwest Atlanta Branch Library L004
3	Palmetto Branch Library L005
4	Southeast Branch Library L006
8	Stewart Lakewood Branch Library L007
*12	Auburn Avenue Research Library L009 (*quantity estimated, program not complete)
8	South Fulton Branch Library L0010

*59

ITEM DESCRIPTION

Item Number: 502A

Item: Steel Book Stacks

Manufacturer & Number: Tennsco Corp, Estey Weld Frame 78H Single Face or Approved Equal

Description: 78"H Single Face w/fixed integral base and steel back panel

Dimensions: One Section: 18 Lineal Feet, 36"W x 78"H x 10"Shelf Depth, 12" Base Depth

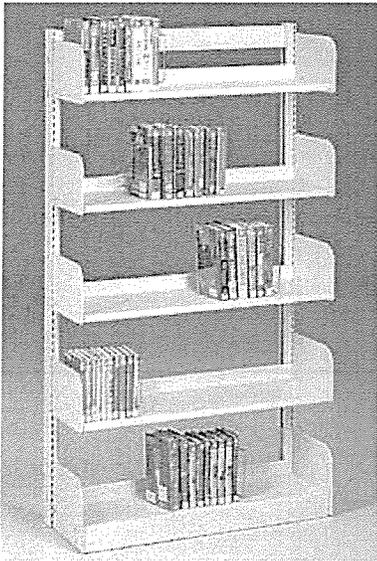


Image for reference only. May not be exact.

Finishes: Select from Manufactures standard finishes.

QUANTITY (LF)	LOCATION
4	East Roswell BranchLibrary L002
8	Wolf Creek Branch Library L008

*12

ITEM DESCRIPTION

Item Number: 503

Item: Steel Book Stacks

Manufacturer & Number: Tensco Corp, Estey Weld Frame 66"H Double Face or Approved Equal

Description: 66"H Double Face w/fixed integral base

Dimensions: One Section: 30 Lineal Feet, 36"W x 66"H x 10"Shelf Depth, 24" Base Depth

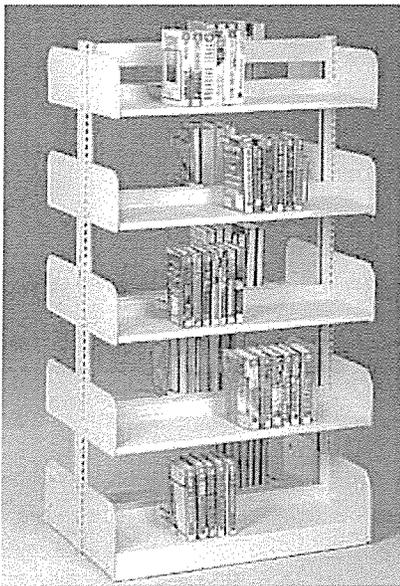


Image for reference only. May not be exact.

Finishes: Select from Manufactures standard finishes.

<u>QUANTITY (LF)</u>	<u>LOCATION</u>
181	Alpharetta Branch Library L001
181	Milton Branch Library L003
181	Northwest Atlanta Branch Library L004
63	Palmetto Branch Library L005
92	Southeast Branch Library L006
181	Stewart Lakewood Branch Library L007
*12	Auburn Avenue Research Library L009 (*quantity estimated, program not complete)
181	South Fulton Branch Library L0010

*1072

ITEM DESCRIPTION

Item Number: 503A

Item: Steel Book Stacks

Manufacturer & Number: Tennsco Corp, Estey Weld Frame 78"H Double Face or Approved Equal

Description: 78"H Double Face w/fixed integral base

Dimensions: One Section: 36 Lineal Feet, 36"W x 78"H x 10"Shelf Depth, 24" Base Depth

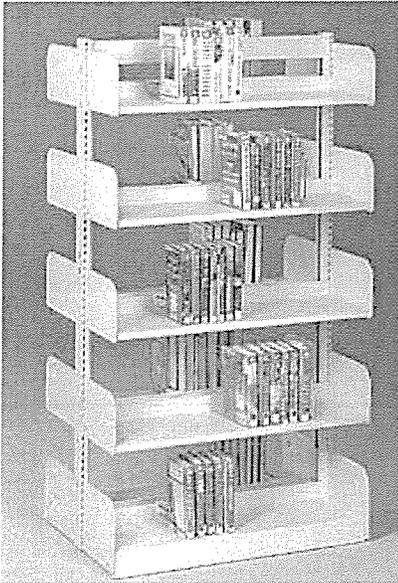


Image for reference only. May not be exact.

Finishes: Select from Manufactures standard finishes.

<u>QUANTITY (LF)</u>	<u>LOCATION</u>
102	East Roswell BranchLibrary L002
181	Wolf Creek Branch Library L008

*283

ITEM DESCRIPTION

Item Number: 504

Item: Steel Book Stacks

Manufacturer & Number: Tennsco Corp, Estey Weld Frame 66"H Double Face with Dividers or Approved Equal

Description: 66 "H Double Face w/fixed integral base, dividers

Dimensions: One Section: 30 Lineal Feet, 36"W x 66"H x 10"Shelf Depth, 24" Base Depth

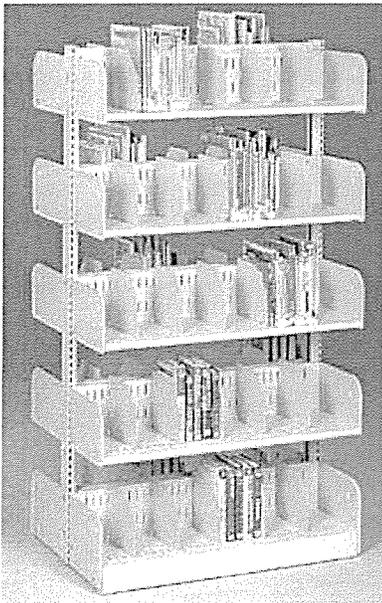


Image for reference only. May not be exact.

Finishes: Select from Manufactures standard finishes.

<u>QUANTITY (LF)</u>	<u>LOCATION</u>
6	Alpharetta Branch Library L001
6	Milton Branch Library L003
6	Northwest Atlanta Branch Library L004
0	Palmetto Branch Library L005
0	Southeast Branch Library L006
6	Stewart Lakewood Branch Library L007
*12	Auburn Avenue Research Library L009 (*quantity estimated, program not complete)
6	South Fulton Branch Library L0010

*42

ITEM DESCRIPTION

Item Number: 504A

Item: Steel Book Stacks

Manufacturer & Number: Tennsco Corp, Estey Weld Frame 78"H Double Face with Dividers or Approved Equal

Description: 78 "H Double Face w/fixed integral base, dividers

Dimensions: One Section: 36 Lineal Feet, 36"W x 78"H x 10"Shelf Depth, 24" Base Depth

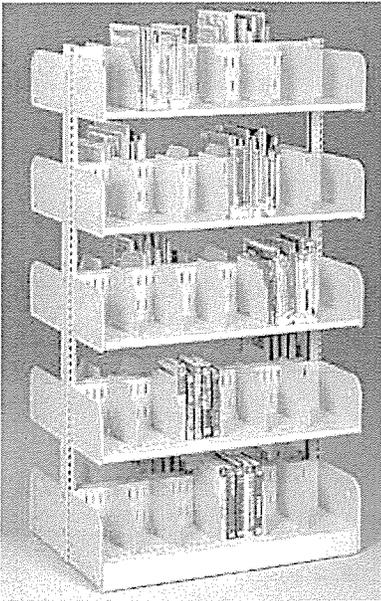


Image for reference only. May not be exact.

Finishes: Select from Manufactures standard finishes.

<u>QUANTITY (LF)</u>	<u>LOCATION</u>
0	East Roswell BranchLibrary L002
6	Wolf Creek Branch Library L008

*6

ITEM DESCRIPTION

Item Number: 505

Item: Steel Book Stacks

Manufacturer & Number: Tensco Corp, Estey Weld Frame 66"H Double Face or Approved Equal

Description: 66"H Double Face w/fixed integral base, hinged periodical display shelf w/Plexi-glass cover; flat storage shelf below with three (3) dividers and back stop

Dimensions: One Section: 30 Lineal Feet, 36"W x 66"H x 10" Shelf Depth, 12" Base Depth

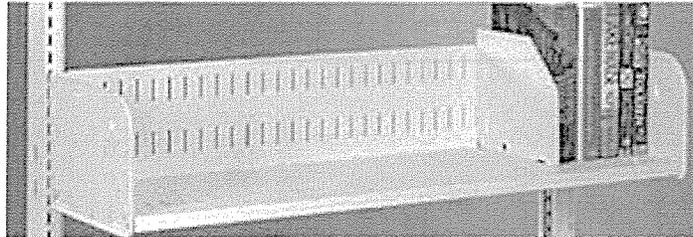
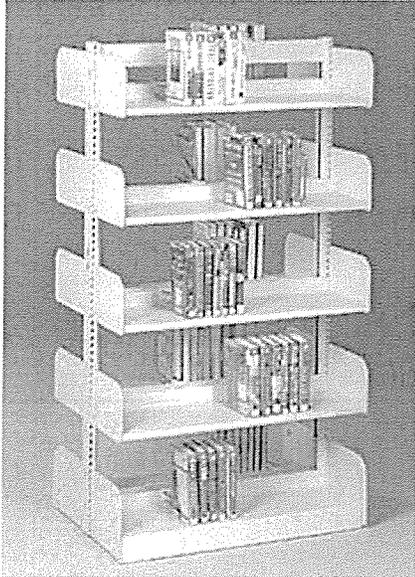


Image for reference only. May not be exact.

Finishes: Select from Manufactures standard finishes.

QUANTITY (LF)	LOCATION
26	Alpharetta Branch Library L001
26	Milton Branch Library L003
26	Northwest Atlanta Branch Library L004
12	Palmetto Branch Library L005
16	Southeast Branch Library L006
26	Stewart Lakewood Branch Library L007
*12	Auburn Avenue Research Library L009 (*quantity estimated, program not complete)
26	South Fulton Branch Library L0010
*170	

ITEM DESCRIPTION

Item Number: 505A

Item: Steel Book Stacks

Manufacturer & Number: Tennesco Corp, Estey Weld Frame 78"H Double Face or Approved Equal

Description: 78"H Double Face w/fixed integral base, hinged periodical display shelf w/Plexi-glass cover; flat storage shelf below with three (3) dividers and back stop

Dimensions: One Section: 36 Lineal Feet, 36"W x 78"H x 10" Shelf Depth, 12" Base Depth

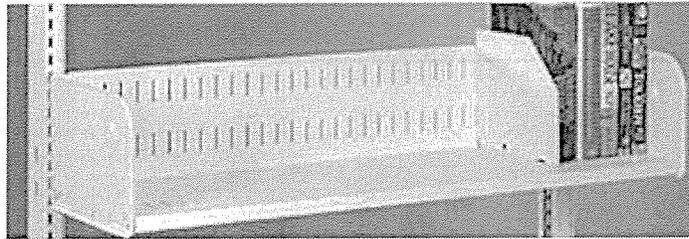
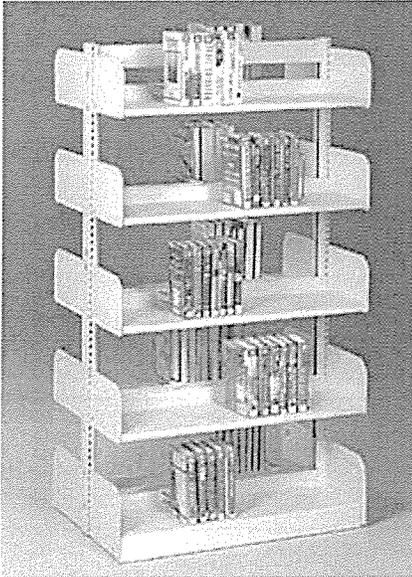


Image for reference only. May not be exact.

Finishes: Select from Manufactures standard finishes.

QUANTITY (LF)	LOCATION
16	East Roswell Branch Library L002
26	Wolf Creek Branch Library L008

*42

ITEM DESCRIPTION

Item Number: 506

Item: Steel Book Stacks

Manufacturer & Number: Tennsco Corp, Estey Weld Frame 66"H Double Face, one side standard shelving (the other side item #505) or Approved Equal

Description: 66"H Double Face w/ fixed integral base

Dimensions: One Section: 30 Lineal Feet, 36"W x 66"H x 10" Shelf Depth, 24" Base Depth

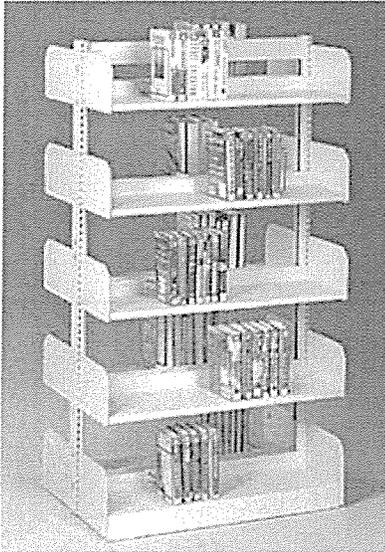


Image for reference only. May not be exact.

Finishes: Select from Manufactures standard finishes.

QUANTITY (LF)	LOCATION
26	Alpharetta Branch Library L001
26	Milton Branch Library L003
26	Northwest Atlanta Branch Library L004
12	Palmetto Branch Library L005
16	Southeast Branch Library L006
26	Stewart Lakewood Branch Library L007
*12	Auburn Avenue Research Library L009 (*quantity estimated, program not complete)
26	South Fulton Branch Library L0010
<hr/>	
*170	

ITEM DESCRIPTION

Item Number: 506A

Item: Steel Book Stacks

Manufacturer & Number: Tensco Corp, Estey Weld Frame 78"H Double Face, one side standard shelving (the other side item #505) or Approved Equal

Description: 78"H Double Face w/fixed integral base

Dimensions: One Section: 36 Lineal Feet, 36"W x 78"H x 10" Shelf Depth, 24" Base Depth

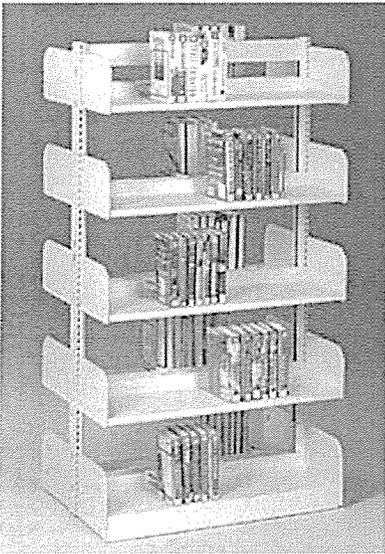


Image for reference only. May not be exact.

Finishes: Select from Manufactures standard finishes.

<u>QUANTITY (LF)</u>	<u>LOCATION</u>
16	East Roswell Branch Library L002
26	Wolf Creek Branch Library L008

*42

**TENNSCO CORP.
ESTEY WELD FRAME SPECIFICATIONS**

DESIGN:

Shelving is a cantilever design manufactured by **Estey/Tennsco Corp.**, Dickson, TN. The bookstack system is to be of true unit construction. The bookstack section may be removed as a modular unit from any range without disturbing adjacent units in any way. Relocation and reuse of removed section(s) can be accomplished without acquiring additional parts. The uprights and cross member supports make up the fully welded frame construction, available with adjustable base shelf with kickplate. Uprights are punched for bolting additional Weld Frame units into the bookstack range. Shelving design allows for either static or mobile installation. Starter/Adder and/or diagonal sway-braced systems are not acceptable.

TEST REQUIREMENTS:

All shelving shall meet the standards of the "The American National Standard for Single-Tier Steel Bracket Library Shelving". Test data published in **Library Technology Reports, Volume 34 No. 6, November/December 1998.**

MATERIAL AND WORKMANSHIP:

All sheet metal is commercial quality furniture stock steel, hot & cold rolled, reannealed, fully pickled or equivalent. All gauge thicknesses conform to U.S. standards.

CAPACITY REQUIREMENTS:

Each shelf has a minimum clearance between end brackets of 35 13/32". Unit widths are 36" nominal overall. When properly installed, units are capable of supporting 50 lbs. evenly distributed weight per linear foot of shelving, multiplied times the number of shelves per unit, without deflection considered excessive by industry standards.

COLOR:

Shelving color is to be determined from standard Estey color card.

FINISHES:

Finish shall be an epoxy powder applied electrostatically. The finish yields a minimum average thickness of 1.0 to 1.8 mils and has a medium gloss. Abrasion resistance requires a minimum of 60 liters of sand to remove finish to bare metal, as determined by **Library Technology** test guidelines

NOTE:

The following are the Estey standard Manufacturing Specifications for the Weld Frame system.

1) **UPRIGHT COLUMNS** of the Weld Frame are formed of not less than #16 gauge steel into a channel shape with a total of 3/4" of stiffening flanges on the inside of the upright. Overall dimensions are 2 1/2" in the web and 1 1/4" across the front and rear area surfaces. Each upright to have no less than eight (8) right angle bends,(sixteen (16) right angle bends per weld frame). Uprights are perforated the full height with a series of 1/4" x 5/8" slots spaced 1" on vertical centers and located within 5/16" of the outer web surface. Every fifth and sixth slot has square corners as viewed against the remaining rounded corner slots to aid visual alignment of shelves. This pattern is repeated over the full height of the upright.

2) **TOP SPREADERS** are formed of not less than #16 gauge tubular steel measuring 1"x 3" in cross section. The spreader is electrically welded to the uprights.

3) **BOTTOM SPREADER** of the Weld Frame is a channel shape measuring 1" x 1 3/4" in cross-section, and consists of not less than #16 gauge steel. The outer ends of the channel are punched to receive leveling nuts and floor levelers. The bottom channel is electrically welded to the uprights with the open face of the channel positioned upward. Weld Frames heights are as specified; widths are 36" standard. Weld Frames are equipped with two (2) adjustable floor levelers.

4) **CLOSED BASE BRACKETS** are designed to fit snugly in and around the welded frame upright. Material is no less than #16 gauge steel. Brackets have a 90 degree flange at the bottom to rest on the floor covering. Hardware for leveling the bookstack is included. Top and front edge of the base bracket are flanged outward approximately 1/4". The profile of the bracket matches that of the adjustable shelf end bracket. The embossed area incorporates a hole to allow attaching of adjoining base brackets with a fastener. Each weld frame must consist of two base brackets. Base brackets must be formed to fit into channel of weld frame uprights and bolt through to adjacent weld frame unit.

5) **RECESSED KICKPLATES** are of one-piece construction and are formed of not less than #20 gauge steel. The kickplate is 36" wide and 3" in height. The kickplate shall be painted black powder epoxy.

6) **ADJUSTABLE BASE SHELVES** are formed from not less than #18 gauge steel with the front and rear edges having a box-formed, 13/16" high profile. The nominal depth of the shelf is 1" greater than actual dimension. The sides of the shelf are flanged to locking into the base brackets without the use of fasteners

7) **SLOPED ADJUSTABLE BASE SHELVES** are formed from not less than #18 gauge steel into a one-piece construction with the front edge having a box-formed, 1 1/4" high profile. The rear edge is formed up to create a 3 11/32" integral back formed to accept a sliding wire book support. The sides of the shelf are flanged for locking into the base brackets without the use of fasteners. The shelf must have a minimum slope angle of 10 degrees.

8) **ADJUSTABLE INTEGRAL BACK SHELVES** are formed from #18 gauge steel into a one-piece construction with the front edge having a box-formed, 13/16" high profile. The rear edge is formed up to create a 2" integral back formed to accept a sliding wire book support. The nominal depth of the shelf is 1" greater than the actual dimension. The sides of the shelf are flanged for locking into end bracket lances. Shelves are capable of supporting 50 lbs. per linear foot without deflection in excess of 3/16".

9) **ADJUSTABLE SHELVES** are formed of #18 gauge steel with the front and rear edges having a box-formed, 13/16" high profile capable of receiving wire book supports and snap-on label holders. The nominal depth of shelf is 1" greater than the actual dimension. The sides of the shelf are flanged for locking into end bracket lances. Shelves are capable of supporting 50 lbs. per linear foot without deflection in excess of 3/16".

10) **SHELF END BRACKETS** are formed of not less than #16 gauge steel, with all but the rear edge flared outward approximately 1/4". The rear edge has two crimped hooks at the top for engaging frame upright slots, and a positioning tab at the bottom to prevent accidental dislodgement. The bracket incorporates two lances with protruding dimples in the sides for securing shelf side flanges. Bracket design allows for shelf adjustment upward and downward (i.e. "walking-the-shelf") without disturbing any of the other shelves. Bracket emboss prevents overlapping of adjoining brackets. Brackets extend at least 6" above the shelf surface.

11) **SLOPED SHELF END BRACKETS** are of one-piece construction and are formed to create a slope of 7 degrees with adjustable shelf engaged. Sloped shelf end brackets are formed of not less than #16 gauge steel, with all but the rear edge flared outward approximately 1/4". The rear edge has two crimped hooks at the top for engaging frame upright slots, and a positioning tab at the bottom to prevent accidental dislodgement. The bracket incorporates two lances with protruding dimples in the sides for securing shelf side flanges. Bracket design allows for shelf adjustment upward and downward (i.e. "walking-the-shelf") without disturbing any of the other shelves. Bracket emboss prevents overlapping of adjoining brackets. Brackets extend at least 6" above the shelf surface.

12) **SLOPING PERIODICAL SHELVING** is equipped with adjustable alternating display and storage shelves as follows: Flat storage shelves, when ordered, may be any standard size and are mounted on inverted brackets. Sloped display shelves are at least 12" actual height with a 1 5/16" flange at the bottom and boxed flanged upwards with inside safety hem. Brackets

allow for a slope of approximately 30 degrees from vertical. Display shelves are equipped with rubber bumpers on support brackets for sound deadening, and will remain positively located without holding them open.

13) PIVOTING PERIODICAL SHELVING consists of pivoting display shelves hinged to shelf brackets, which engage in slots in upright. Sloped display shelves are 14" actual height with a 1 5/16" flange at the bottom and boxed flanged upwards with inside safety hem. Included storage shelf is 12" deep nominal. Brackets allow for a slope of approximately 17 degrees from vertical. Each periodical shelf to have a minimum clearance of at least seven, (7) inches when display shelf is in upright position.

14) ONE PIECE DIVIDER TYPE SHELF are formed from #18 gauge steel into a one-piece construction with the front edge having a box-formed, 13/16" high profile. The rear edge is formed up to create a 6" integral back. Shelf and integral back are slotted on 1" centers to accept adjustable dividers. The nominal depth of the shelf is 1" greater than the actual dimension. The sides of the shelf are flanged for locking into end bracket lances. Shelves are capable of supporting 50 lbs. per linear foot without deflection in excess of 3/16". Standard quantity and size of divider is five, (5) per shelf with an overall height of 7 7/16".

15) STEEL CANOPY TOPS are formed of no less than #19 gauge steel. Tops have a 13/16" front edge and extend the full width and depth of the unit base. Tops are supported by #14 gauge brackets engaged in slots in the frame upright.

16) STEEL END PANELS cover the entire height and depth of the unit and are universal. Panels are formed from #18 gauge steel in a one piece construction to create a flush profile with a 1 1/2" square edge and exposed return flange of no less than 3". Closure flanges at top produces tightly closed corners. Centers of double-faced panels are equipped with a full height channel (which is resistance-welded to panel) for use in securing panel to upright and for sound deadening.

19) MEDIA HANGER RACK consist of two (2) # 14 gauge end brackets that are 6 -1/2" d X 4 -1/2" h and one (1) 3/8" diameter rod which is 35 -1/2" w for clear -view plastic media bags.

20) WORK SHELF AND BRACKETS consist of two (2) #14 gauge brackets that are 16"d X16"h with a 5/8" return to accept a 24"d X 36"w plastic laminate top supported by two (2) 1"d x 1"w x 27-1/2"h tubular steel legs.

21) ACCESSORIES:

A) BOOK SUPPORTS Findable plate-type book supports of 9" high are made of #16 gauge steel and include a non-skid composition on the base.

B) SHELF LABEL HOLDERS are made of plastic to tightly grip the edges of book or divider type shelves for card size of 5/8" x 5".

C) STEEL BACK PANELS are of a one-piece construction with (2) mounting channels, and completely fill the space between upright channels. Backs extend from base shelf to the underside of the top spreader, and are formed from #18 gauge steel.

D) CORNER FILLERS are formed from #18-20 gauge steel to dimensions as required. Each filler includes a tightly fitting cap.

E) SLIDING REFERENCE SHELVES are formed from #18 gauge steel. Reference shelves attach to brackets of book shelves and extend the same depth of shelf above when fully extended. Reference shelves operate on ball bearing double extension slides.

SECTION 11
PRICING FORMS

BID FORM:

1. The bid form is divided into groups of furniture and equipment. Each group is distinguished by an alphabet A thru F. Vendors may submit pricing on as many or as few groups as they are capable of supplying.
2. Unit prices expressed are FOB destination and tax exempt.
3. If quoting on the entire project, submit a line item price by group numbers and a lump sum price for all delivered materials and furnishings,
4. List installation cost in the appropriate space.
5. The County has reserved a Contingency amount of \$10,000.00.

BID FORM

GROUP "A" FURNITURE

ITEM #	ITEM	MANUFACTURER	UNIT PRICE	QTY. EACH	EXTENDED PRICE
100	Workstation	Global		14	

SUBTOTAL GROUP A _____

GROUP "B-1" SEATING

ITEM #	ITEM	MANUFACTURER	UNIT PRICE	QTY. EACH	EXTENDED PRICE
200	Task Seating	Allseating		259	
201	Task Stool	Allseating		14	

SUBTOTAL GROUP B-1 _____

GROUP "B-2" SEATING

ITEM #	ITEM	MANUFACTURER	UNIT PRICE	QTY. EACH	EXTENDED PRICE
202	Stack Chair	Keilhauer		891	

SUBTOTAL GROUP B-2 _____

GROUP "C" TABLES

ITEM #	ITEM	MANUFACTURER	UNIT PRICE	QTY. EACH	EXTENDED PRICE
300	Flip Top Table	Fixtures		117	

SUBTOTAL GROUP C _____

GROUP "D" MODULAR FURNITURE PANEL SYSTEMS

ITEM #	ITEM	MANUFACTURER	UNIT PRICE	QTY. EACH	EXTENDED PRICE
400	Systems Furniture	Teknion		34	
401	Systems Furniture	Teknion		77	
402	Systems Furniture	Teknion		34	
403	Systems Furniture	Teknion		82	

403A	Systems Furniture	Teknion		8	
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SUBTOTAL GROUP D _____

BID FORM
GROUP "E" STEEL BOOK STACKS

ITEM #	ITEM	MANUFACTURER	UNIT PRICE	QTY. LINEAR FEET	EXTENDED PRICE
500	Steel Book Stacks	Tennsco		387	
501	Steel Book Stacks	Tennsco		7056	
502	Steel Book Stacks	Tennsco		885	
502A	Steel Book Stacks	Tennsco		216	
503	Steel Book Stacks	Tennsco		32,160	
503A	Steel Book Stacks	Tennsco		10,188	
504	Steel Book Stacks	Tennsco		1260	
504A	Steel Book Stacks	Tennsco		216	
505	Steel Book Stacks	Tennsco		5100	
505A	Steel Book Stacks	Tennsco		1512	
506	Steel Book Stacks	Tennsco		5100	
506A	Steel Book Stacks	Tennsco		1512	
507	Steel Book Stacks	Tennsco		792	
508	Steel Book Stacks	Tennsco		2088	

**Note: A Steel canopy top must be available for all shelving sizes*

SUBTOTAL GROUP E _____

GROUP "F" METAL BOOK TRUCKS

ITEM #	ITEM	MANUFACTURER	UNIT PRICE	QTY EACH	EXTENDED PRICE
600	Book Truck	Smith Systems		77	
601	Book Truck	Smith Systems		82	
602	Book Truck	Smith Systems		90	
603	Book Truck	Smith Systems		64	
604	Book Truck	Smith Systems		18	

SUBTOTAL GROUP F

SUMMARY OF BID

GROUP	FURNITURE	MFG.	SUBTOTAL FURNITURE COST	INSTALLATION COST	TOTAL	WAREHOUSING COST PER MONTH	WAREHOUSING COST PER DAY
A	Workstation	Global					
B-1	Seating	Allseating					
B-2	Seating	Keilhauer					
C	Tables	Fixtures					
D	Modular Furniture Panel Systems	Teknion					
E	Steel Book Stacks	Tennsco					
F	Metal Book Trucks	Smith Systems					

TOTAL
 BID _____

The undersigned agrees that the unit prices submitted on the Bid Form will apply in the event that changes involving additions or deletions to the work to be performed under the Contract are authorized by written amendment from the Owner to the Contractor, and that the unit prices are based on providing all furniture installed, F.O.B. destination, in accordance with the requirements of the Contract Documents. The undersigned agrees to support the unit prices as specified in the solicitation documents.

Delivery can be made within _____ days after notice of award of contract.

List of most recent installations of comparable size and scope: (List dates of completion, with contact person, address, e-mail and phone number.)

1. _____

2. _____

3. _____

4. _____

STATEMENT OF BIDDER'S QUALIFICATIONS

To accompany bids submitted for the purchase and installation of furniture for the ATLANTA-FULTON PUBLIC LIBRARY SYSTEM CAPITAL IMPROVEMENT PROGRAM-PHASE I:

Full Legal Name of Bidder:

Business Address:

Bidder as a: (Check one)

Partnership ___ Individual Proprietorship ___ Other ___

(Specify)

When Organized:

Where Incorporated:

If Bidder is a partnership, list names of all partners.

How many years have you been engaged in business under the present firm name?

How many years experience in this line of work?

Credit Available for this Contract:

\$ _____

Have you ever refused to execute an awarded contract? If yes explain

Have you ever defaulted on a contract? If yes explain

Remarks:

(The above statements must be subscribed and sworn to before a Notary Public.)

Sworn to and subscribed
before me this day _____, 20 _____

Signature

Notary Public

Firm Name

My Commission Expires

Title