FURNISHINGS FOR SOUTH PORTLAND HIGH SCHOOL

The South Portland School Department invites interested parties to submit sealed bids for the purchase of classroom furniture and equipment as part of the addition to and renovation of South Portland High School currently under construction. All questions pertaining to bid documents should be directed to Suzanne Godin, Superintendent, 130 Wescott Road, South Portland, ME 04106, Tel: (207) 871-0555, Fax: (207) 871-5756, or email: supt@spsd.org.

BID SPECIFICATIONS

The bid specification and pricing sheet are attached. All bids must show unit pricing, show freight by the manufacturer, installation total and grand total. Actual quantities ordered of each item may differ from the quantities requested in the Bid.

No state sales tax will be charged and all bidders should quote net prices exclusive of all Federal Excises Taxes.

The pricing sheet must be completely filled out by each bidder. Bidders are not required to bid every item. Entering “N/A” for not available is acceptable. Pricing sheets that are incomplete may not be accepted. Contracts will be awarded to the lowest responsible and responsive bidder(s) for each item.

If the selected bid is greater than the Owner’s budget, the Owner reserves the right to negotiate cost savings with the bidder before entering into a contract. The Owner reserves the right to waive any irregularities, reject any and all proposals or to accept any proposal. The contract award shall be based on price, quality, design, and guaranteed delivery date.

SUBSTITUTIONS

Each bidder represents that his/her bid is based upon the Materials and Equipment described in the attached bid specification. The items were specified to achieve design aesthetics and quality desired for the project. Any request for approval of substitutes will be evaluated for design/quality appropriateness and may be refused on this basis.

Any approved substitute should be clearly identified on the Bid document.
DELIVERY AND COMPLETION DATE

The addition and renovation of South Portland High School is occurring over two phases (denoted as Phase 1 and Phase 2 on the pricing sheet). The general contractor is scheduled to allow occupancy of Phase 1 of the renovation on December 6, 2013. Phase 2 is scheduled for completion on December 19, 2014.

All materials must be delivered, set-up, and installed in the high school. Part of the Phase 1 work is the construction of a new cafeteria. This area may be used as a furniture storage and staging area and should be available by December 6. It may be possible to move furniture into the building during the weeks of December 9th and 16th although the contractor may be finalizing construction. The contractor will have completed its work no later than December 20, after which furniture may be installed throughout the Phase 1 building.

Installation will begin first in the classroom wings and progress to the Administrative/Library area and then the Cafeteria. Dollies and blankets must be used to protect surfaces. Product and/or packaging will not be slid, glided, pushed or pulled across finished floors. Plywood sheets or other such materials will be required if heavy furniture is to be moved from the delivery area throughout various areas of the building.

Bidders shall incorporate the aforementioned dates in all estimates, bids and other phases of their contracts. Delivery dates are to be coordinated by the successful bidder(s) with the Owner. If there are any unusual conditions relating to delivery dates for the furniture/equipment, they must be clearly stated in the bid. The Owner will provide updated construction progress information and revised construction schedules to the successful bidder(s) as they become known. The bidder will cooperate in all ways and endeavors to adjust his/her schedule to variations that may occur in the building construction schedule.

Off-site removal of all trash related to the furniture and equipment delivery (boxes, packing materials, etc.) will be the responsibility of the bidder.

The owner will suffer inconvenience and financial loss if the work is not substantially complete on the date set forth in the Bid Form. The bidder, by stating the number of calendar days s/he requires to complete the work to substantial completion, further agrees that he shall be liable for providing temporary furnishings for the period of time during which any item(s) may be delayed. These items shall be equivalent in functional terms to those purchased by the Owner.

ORDER STATUS INFORMATION

A monthly status/tracking report will be required from the successful bidder(s). Evidence of the manufacturer’s scheduled ship dates must be submitted to the Owner on a timely basis. A sample of the report should be submitted with the bid.
SUBMISSION AND OPENING OF BIDS

Bidders are required to submit bids in a sealed envelope clearly marked “Bid #09-14 Furnishings for South Portland High School” to the City Purchasing Agent, Room 105, City Hall, 25 Cottage Road, South Portland, Maine 04106 not later than 2:00 P.M., Monday, August 26, 2013 at which time they will be publicly opened and read aloud. Proposals received after that time and date will not be accepted. The successful bidder(s) will be informed following City Council action on the bid, which will take place no later than early September 2013.

QUESTIONS AND INFORMATION

Each bidder shall examine the bidding documents carefully and, not later than seven days prior to the date for receipt of bids, shall make a written request to Suzanne Godin for interpretation or correction of any ambiguity, inconsistency, or error therein which s/he may discover. Only a written interpretation or correction by addendum shall be binding. No bidder shall rely upon any interpretation or correction given by another method.

Addenda are written or graphic instruments issued prior to the execution of the contract, which modify or interpret the bidding documents when the contract is executed.

Prior to receipt of bids, addenda will be mailed to each person or firm recorded by the Purchasing Agent as having received the Bidding Documents and will be available for inspection at the South Portland City Hall. Any bidder may visit the job site by making arrangements with Suzanne Godin. No bidder may enter the building premises without making prior arrangements with Suzanne Godin.

BIDDING PROCEDURES

All bids must be prepared on the Pricing Sheet provided by the Owner. Bid proposal signatures shall be in longhand by a principal duly authorized to sign contracts; a signature must be accompanied by the corporate seal impression if bid is by a corporation and attested by the secretary of corporation or a notary.

A bid is invalid if it has not been received by the Owner at the designated location prior to the date and time for the receipt of bids indicated in the Section labeled “Submission and Opening of Bids.”

QUALIFICATION OF BIDDERS

Evidence of the experience, qualification and financial responsibility of the bidder and his suppliers, must be documented and acceptable to the Owner. If required, the bidder shall submit to the Owner a copy of last year’s financial statements.

The bidder shall identify the key personnel who will be assigned to work on this project.
References from at least 5 projects must be submitted with the bid. The selected bidder(s) shall be responsible for warranty labor for a minimum of 1 year or the time stated in the manufacturer’s written warranty, whichever is later.

With your bid, you must submit proof from the Secretary of State’s office that your foreign corporation, limited liability company, limited partnership and or limited liability partnership is qualified (to do business) in the State of Maine.

PAYMENT TERMS

It is the custom of the City of South Portland to pay its bills within 20 to 30 days following delivery of and receipt of bills for all items covered by the purchase order. In submitting bids under attached specifications, bidders should take into consideration all discounts, both trade and time, allowed in accordance with the above payment policy.

All bidders should quote net prices, therefore, exclusive of all Federal Excise Taxes.

The City of South Portland reserves the right to waive all informalities in bids, to accept any bid or any portion thereof, or to reject any or all bids should it be deemed in its best interest to do so. Except as otherwise required by law or as specifically provided to the contrary herein, the award of this bid shall be governed by the City's purchasing ordinance.

Payment will be made upon satisfactory delivery and acceptable installation of the furniture and equipment and following receipt of an invoice, unless alternative payment arrangements are made with successful bidder(s). Payment terms will be net 30 days from the date of delivery, completed installation and acceptance. All Invoices to be submitted to:

South Portland School Department
130 Wescott Road
South Portland, Maine 04106

Colleen C. Selberg
Purchasing Agent

Mailing address: P. O. Box 9422 South Portland, ME 04116-9422
Telephone (207) 767-3201 Fax (207) 767-7620
P R O P O S A L

The UNDERSIGNED hereby proposes to furnish the following items of Furniture to the City of South Portland, Maine, in accordance with the attached Invitation to Bid, the attached specifications and at the following price, warranties, and delivery time:

Signed: ________________________________________________
(Corporation, Firm or Company)

By:____________________________________________________
(Oficer, Authorized Individual or Owner)

Title: __________________________________________________

Mailing Address:____________________________________________

_______________________________________________________

Zip Code: ____________________  Date: _____________________

Telephone: ________________  Fax: ______________________

E-Mail:_______________________

Note: Bids must bear the handwritten signature of a duly authorized member or employee of the organization making the bid.
adjustable stool

Product Description

• 16.5 to 20.5” range
• Frame consists of aluminium 5-star foot and a gas-spring with plastic cover.
• Frame sizes adjustable in height.
• Seat of beech plywood with concealed seat attachments.
• Casters for VCT flooring

Options

Locations/Phases/Quantities

QUANTITY PHASE ONE: 24
ROOM 143 (24)
Options

finish/fabric
- fusion maple laminate top
- 1-3/4" hardwood base

Locations/Phases/Quantities

QUANTITY PHASE ONE TOTAL: 18
- ROOM 143 ART (6)
- ROOM 145 ART (6)
- ROOM 147 ART (6)

Product Description

- 42 x 72"
- 1-1/4" laminated top
- Long lasting, satin finish high pressure maple laminate on 1-1/8" thick 45 lb. density particle board, with laminate backer sheet and matching wood grain safety vinyl T-molding.
- This laminated top is attached to the frame using our exclusive embedded T-Nut method, which will not fail under the heaviest use.
Product Description

- 84 x 31.5 x 28-3/8”H
- Frame of powder-coated steel tube with set-back double-legs (C-shape) on steel skids with plastic kicking protection. All steel tubes in flat-oval profile. Table suitable for floor fixing if required.
- Frame sizes. In table height of 72 cm.
- Table top of melamine-resin coated LIGNOpal chipboard with glued-on (KU) plastic edges.
- Features. Table top with lockable sliding mechanism (12 cm) for access to the cable channel. Cable outlet through sealing lip over the full table width between top and side panel.
- CPU angle for fixing to table legs

Options

finish/fabric
- top: Beech
- frame: Artic

Locations/Phases/Quantities

QUANTITY PHASE TWO: 10
ROOM 326 (10)
Product Description

- 70-7/8 x 31-1/2 x 30"H
- Frame consists of four-sided rectangular tubular-steel top frame with welded-on round tubular-steel legs, powder-coated.
- Table top of melamine-resin coated LIGNOpal chipboard with glued-on (KU) plastic or (BU) beech edges and square corners.
- Equipment and options. Frame with glide elements for hard or soft floors or with floor levelling screws.

Options

finish/fabric
- finish: Beech
- frame: Artic

Locations/Phases/Quantities

QUANTITY PHASE ONE TOTAL: 12
ROOM: B017 CADD
Product Description:

TOPS
• Table tops are of solid core warp-resistant construction.
• Center core is 5/8” thick 45# high-density particleboard. A .040 high-pressure laminate face is used for the top surface with a balanced high-pressure laminate backer for the bottom surface.

TABLE
• tops are attached to the table frame with deep thread screws; expansion rivets are not to be used. Corners have a 1-1/2” radius.

THE PERFECT EDGE
• Made of 1/4” thick by 3/4” high cast black polyurethane.
• The Perfect Edge is mechanically and chemically bonded to the table core and chemically bonded to the laminate surface edge, providing a superior, permanently sealed barrier to moisture, dirt and bacteria penetration.

FRAMES
• Table frame is fabricated using a welded unitized construction, integrating all structural steel members into a self-supporting unit.
• The table top support apron is 11-gauge angle steel, pierced to securely anchor the tops.
• Leg weldments are robotically wire-welded. Leg consists of 1” x 2” 14-gauge vertical tube and bottom tube, 1” round 14-gauge top tube and two support gussets for added strength.
• Center hinge plates are 7-gauge steel. Stretcher bars are 1” 7-gauge steel. All legs operate from the unitized frame, not the table top.

LOCKS
• Gravity lock with spring assist constructed of 3/8” solid steel rods engages automatically into slots in apron hinge, eliminating the possibility of folding unexpectedly.
• Safety lock engages in a semi-open position to halt downward opening movement. Release of gravity lock is possible from either side of the table.

CASTERS
• Large 4” diameter heavy duty hard rubber swivel casters provide easy and safe maneuverability.
• When table is in use, casters lift off the floor to prevent table from rolling.
• To avoid tripping hazards, casters do not extend beyond the outer edge of table top when table is in the open position. Casters are self-lubricating.

Sizes
CT1:  48” square
CT2:  60” round
CT5:  48” round

Options

finish/fabric
   top: pionite AT981 suede coriander fiber
   frame: black

CT1 QUANTITY PHASE ONE TOTAL: 18
   104 CAF     (18)
CT2 QUANTITY PHASE ONE TOTAL: 31
   104 CAF     (31)
CT5 QUANTITY PHASE ONE TOTAL: 4
   104 CAF     (4)
Options

finish/fabric
  top: pionite AT981 suede corianer fiber
  frame: black

Locations/Phases/Quantities

CT3 QUANTITY PHASE ONE TOTAL: 9
  104CAF  (9)
CT4 QUANTITY PHASE ONE TOTAL: 2
  104CAF  (2)

Product Description

• CT3: 30 x 96"
• CT4: 30 x 120"

TOPS
• Table tops are of solid core warp-resistant construction.
• Center core is 5/8” thick 45# high-density particleboard.
  A .040 highpressure laminate face is used for the top surface with a balanced high-pressure laminate backer for the bottom surface.

TABLE
• tops are attached to the table frame with deep thread screws; expansion rivets are not to be used. Corners have a 1-1/2” radius.

THE PERFECT EDGE
• Made of 1/4” thick by 3/4” high cast black polyurethane.
• The Perfect Edge is mechanically and chemically bonded to the table core and chemically bonded to the laminate surface edge, providing a superior, permanently sealed barrier to moisture, dirt and bacteria penetration.

FRAMES
• Table frames are fabricated using a welded unitized construction, integrating all structural steel members into a self-supporting unit.
• The table top support apron is 11-gauge channel steel, pierced to securely anchor the tops. End leg and center leg assemblies are robotically wire-welded.
• End leg weldment consists of 1” x 2” 14-gauge vertical tube, 1-1/4” round 14-gauge top tube and 1” x 2” 14-gauge bottom tube. Center leg weldment consists of 1” x 2” 14-gauge vertical tube, 1-1/4” round 14-gauge top tube and 1” round 14-gauge bottom tube.
• Center hinge plates are 7-gauge steel. Stretcher bars are 3/4” x 1-1/2” 14-gauge oval steel tubing. All legs operate from the unitized frame, not the table top.

LOCKS
• Gravity lock constructed of 3/8” solid steel rods engages automatically into slots in apron hinge, eliminating the possibility of folding unexpectedly.
• KI’s exclusive storage lock is spring loaded for automatic engagement and semi-concealed to prevent accidental release. Release of gravity and storage locks is possible from either side of the table.

CASTERS
• Large 4” diameter heavy duty hard rubber swivel casters provide easy and safe maneuverability.
• When table is in use, casters lift off the floor to prevent table from rolling.
• To avoid tripping hazards, casters do not extend beyond the outer edge of table top when table is in the open position. Casters are self-lubricating.
Product Description

- canvas height: 96"
- height: 58"
- base width: 24"
- base depth: 29"
- This durable A-frame easel is an excellent choice for college art studios and for the beginning artist.
- Built from electrically welded square steel tubing (1” and 1¼”), the easel is stable, rigid, and virtually indestructable.
- The mast extends to hold any painting up to 96” at the desired tilt angle, with an upperclamp to securely hold the canvas in place.
- The canvas tray quickly adjusts to any position, and effortlessly locks into place.
- Easel folds to a compact 5” (13 cm) thick.

Options

Locations/Phases/Quantities

QUANTITY PHASE ONE TOTAL: 1
145 ART (1)
Product Description

• 1½"H × 20"L × 4"W
• This telescoping easel holds paintings up to 72" tall, and allows for maximum adjustability of the canvas tray and unlimited tilt angle adjustment.
• It folds down flat to 6¼” for storage and transport.
• The telescoping legs, made of ¾” heavy-gauge tubular steel, have an easy-to-use, twist-locking mechanism.
• A cross brace supplies additional stability.

Options

Locations/Phases/Quantities

QUANTITY PHASE ONE TOTAL: 8
145 ART (8)
**Options**

- **finish/fabric**
  - metal: black
  - laminate: TBD
  - edge: Red Oak in Toast finish

**Locations/Phases/Quantities**

**Quantities**

- **PHASE ONE TOTAL: SEE PLAN**
  - LEARNING COMMONS 117

**Product Description**

- see plan for sizes & end panel locations
- field measure library before ordering shelving
- single end panels to be laminate with a wood bull nose edge
- double end panels to be laminate with a bull nose edge
- 24” of slat wall starting 6” from top
- tops to be laminate with a wood bull nose edge
WELD FRAME SPECIFICATIONS

DESIGN:

Shelving is a cantilever design. 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 upright and cross member supports make up the fully welded frame construction, available with either closed fixed base shelf or adjustable base shelf with kick plate. Uprights are punched for bolting additional Weld Frame units into the bookstack range. Shelving design allows for either static or mobile installation.

MATERIAL AND WORKMANSHIP:

The shelving is made from only the finest materials 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 50lbs. 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 colors may be selected from a standard color chart or ordered special, with an up-charge, as requested.

FINISHES:

Shelving colors are as described above, with 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.

SEISMIC REQUIREMENTS:

The Weld Frame system conforms to the particular standards of all seismic codes through the use of seismic sway bracing, floor anchoring, trapezoidal gussets, or any combination thereof.

NOTE:

The following are the standard Manufacturing Specifications for the Weld Frame system. For special application requirements not listed below contact factory.

1) UPRIGHT COLUMNS of the Weld Frame are formed of not less than #16 gauge steel into channel shape with a total of ¾” of stiffening flanges on the inside of the upright. Overall dimensions are 2 ½” in the web and 1 ¾” across the front and rear area surfaces. Uprights are perforated the full height with a series of ¼” x 5/8” slots spaced 1” on vertical centers and located within 516” 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 SPREADER of the Weld Frame consists of not less than #16 gauge tubular steel measuring 1” x 3” in cross section. The spreader is electrically welded to the upright.

3) BOTTOM SPREADER of the Weld Frame is a channel shape measuring 1” x ¼” 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 (2) adjustable floor levelers. Levelers can be provided with an optional electrometric plastic shoe to prevent “walking” of units. Levelers are either inverted hex head mushroom type standard for regular floors or conical (pin) point type, optional.

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 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 ¼”. The profile of the bracket matched that
of the adjustable shelf end bracket. The embossed area incorporated a hole to allow attaching of adjoining base brackets with a fastener.

5) CLOSED BASE SHELVES are formed from not less than #18 gauge steel into a one piece construction designed to fit snugly around base brackets without the need for fasteners. Front height is 3 5/16”, and sides have stiffening flanges.

6) 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 actually dimension. The sides of the shelf are flanged for looking into end bracket lances. Shelves are capable of supporting 50lbs. per linear foot without deflection in excess of 3/16”.

7) SHELF END BRACKETS are formed of not less than #16 gauge steel; with all but the rear edge flanged outward approximately ¼”. 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 lanes 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 overlapment of adjoining brackets. Brackets extend at least 6” above the shelf surface.

8) NO. OF SHELVES per unit are as listed below, unless otherwise specified.

<table>
<thead>
<tr>
<th>HEIGHT</th>
<th>NO. of ADJUSTABLE SHELVES</th>
</tr>
</thead>
<tbody>
<tr>
<td>93”</td>
<td>7</td>
</tr>
<tr>
<td>90”</td>
<td>6</td>
</tr>
<tr>
<td>84”</td>
<td>6</td>
</tr>
<tr>
<td>78”</td>
<td>5</td>
</tr>
<tr>
<td>66”</td>
<td>4</td>
</tr>
<tr>
<td>42”</td>
<td>2</td>
</tr>
</tbody>
</table>

9) OVERHEAD TOP BRACING is made of #18 gauge steel measuring 7/8” x 2” x 108” and is used at a ratio of one length for every three units of double faced bookstack sections.

10) SLOPING PERIODICAL SHELVING is equipped with adjustable alternation 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.

11) PIVOTING PERIODICAL SHELVING consists of pivoting display shelving 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 approximately 20 degrees from vertical.

12) TWO PIECE DIVIDER TYPE SHELF is formed of no less than #18-19 gauge steel and resembles a standard adjustable storage shelf except for slots on 1” center to receive dividers. A separate 5” high back piece with matching slots serve as a back for the shelf. Standard quantity and size of dividers is five (5) per shelf with an overall height of 7 7/16”.

13) STEEL CANOPY TOPS are formed at 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 uprights.

14) HPL COUNTER TOPS have a high pressure laminate surface on top and edges which cover a particleboard core, production an overall height of 1 3/16”. Underside of countertop is covered by a balancing sheet. Support is from #14 gauge brackets engaged in slots in upright frames.

15) STEEL END PANELS cover the entire height and depth of the unit. Panels are formed from #18 gauge steel in a one piece construction to create a flush profile with a 1 ½” 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.

16) HPL WOOD END PANELS have a high pressure laminate surface on all exposed surfaces and edges, which covers a particleboard and produces an overall thickness of either ¾” or 1 ¼”, as specified. Core to have a density of not less than 45 lbs.
ACCESSORIES:

A) BOOK SUPPORTS
1) Wire book supports are either 6” or 9” high, and made from zinc plated 3/16” diameter steel wire. Profile allows for easy positioning into underside of above shelf flanges. Supports have a return leg and a rubber boot on the opposite leg to ensure against slippage due to weight of books.

2) Non-losable plate-type book supports of 6” or 9” high are made of #16-19 gauge steel and include a non-skid composition on the base.

3) Lock-on book supports, 6” or 9” high, are made from #16-19 gauge steel and are designed to fit around and hook onto adjustable shelf edge.

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) CARD HOLDERS are made with a #20 gauge standard black powder coated finish, and are sized to accommodate 3” x 5” cards. Card holder is provided with double-faced tape to ensure positive adhesion to end panel surface.

D) RANGE FINDERS consist of #22 gauge steel formed into a “V” shape, furnished in standard black powder coat finish and are sized to accommodate 3” x 5” cards.

E) 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.

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

G) WORK SURFACE are 36” wide by 24” deep, and are supported by #14 gauge inverted brackets engaged into slots in the upright frame. Tops consists of a high pressure laminate as selected covering 1 1/8” cores, are self-edged with a balancing sheet on bottom.

H) SLIDING REFERENCE SHELVES are formed from #18-19 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.

I) NEWSPAPER RACKS are formed from #16 gauge steel, and are designed to hold six or ten newspaper sticks as specified. Racks are adjustable vertically on unit, and can be incorporated into any standard unit of 12” minimal depth of larger.

J) SHELF BACKSTOPS are formed of #18 gauge steel, and have an overall height of 2”. Backstops have return flanges and slots for engaging in shelf end bracket tabs.

SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE
**Options**

**finish/fabric**
- veneer: light cherry on maple
- laminate top: to match veneer

**Locations/Phases/Quantities**

**QUANTITY PHASE ONE TOTAL: 8**
117 LEARNING COMMONS  (8)

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**Product Description**

- **36W x 30D x 48”H**

**WORK SURFACE**
- The work surface shall be 1-3/16 thick, 3 ply particle board core construction with a .050”-thick, high-pressure laminate top surface & gator ply backing sheet.
- The tops shall have a solid hardwood 1-3/16 x 13/16 internal edge band with a variety of shapes available.
- The work surface shall attach to the end and back panels by means of a Z-bar connector.

**BACK PANEL**
- The back panel shall be 13/16” thick particle board core with plain sliced veneer edges.
- The panel shall attach to the end panels by means of Mod-eez clips, engaging shoulder screws.

**END PANEL & INTERMEDIATE PANELS**
- The panels shall be 48” high and constructed of 1-3/16” thick particle board core with Grade A veneer faces.
- The panels shall be internally banded on all four edges, and shall be shaped on the top and on two vertical edges with one of the standard optional edge styles. The panels shall be attached to the work surface by means of a Z-bar connector.
- The bottom edge shall be externally banded with 1/4 thick solid hardwood.

**WORK SURFACE HEIGHT**
- The standard worksurface height shall be 29”. Additional heights of 27” & 32” are available when specified.

**SHELF**
- The shelf shall be 3/16” thick, 3 ply particle board core with Grade A veneer face. Each shelf shall be externally banded with 1/4 thick solid hardwood.

**GLIDES**
- Each end and intermediate panel shall be fitted with two 1-3/16” diameter, rubber cushioned, adjustable leveling glides w/15/16” stem.

**VENeer TOPS**
- Tabletops with face veneers are available
Options

FINISH/FABRIC:
• veneer: Light Cherry on Maple
• laminate top: to match veneer

Locations/Phases/Quantities

QUANTITY PHASE ONE TOTAL: 1
117 LEARNING COMMONS  (1)

Product Description

• 39D x 28W x 45"H

TOP
• The sloped top shall be 1-3/16" thick, 3-ply particle board core construction with a .050"-thick, high pressure laminate top surface and a .020"-thick backer sheet. The front and back edges shall be banded with 1-3/16 x 3/4" internal solid hardwood band and shaped with specific edge detail. A solid hardwood retainer strip shall be fastened to the top from the underside.

END PANELS
• The end panels shall be constructed of 1-1/4" particle board core with Grade “A” veneer on both faces. The panels shall be externally banded with 3/4” solid hardwood and shaped with the specified edge detail.

BACK PANEL
• The back panel shall be 3/4" thick particle board core with selece veneer on both faces and shall be banded on the bottom edge with a 1/4” solid edge band.

SHELVES
• The atlas stand shall have five pull-out shelves. The shelves shall be 3/4” thick particle board core with Grade “A” veneer face. The shelves shall be externally banded with a 3/4” solid hardwood, which shall be rounded and protrude above the shelf to act as a pull. The shelf sides shall have a positive stop to prevent accidental removal. Juvenile height shall have four pull-out shelves.

FIXED SHELF
• The fixed shelf shall be 3/4” thick particle board core with Grade “A” veneer face, and shall attach to the end panels and back panels with solid hardwood cleats. The shelf shall receive a 1/32” veneer band.

GLIDES
• Each end panel shall be fitted with two 1-1/4” diameter, rubber-cushioned, adjustable leveling glides with a 15/16” stem.
lecture hall flip top tables

**Sizes**

LH1  A: 30 x 72" - 4  
LH2  B: 30 x 72 x 84" - 1

**Options**

fabric/finish:  
• top: haute link, basic black  
• base: black  
• edge: black  
• w/ casters

**Locations/Phases/Quantities**

QUANTITY PHASE ONE TOTAL: 5  
107 LECTURE        (5)

**Product Description**

• flip top table with T base and locking casters
**Options**

finish/fabric
- 1st floor: #82 Red Velvet
- 2nd floor: #66 Hunter Green
- 3rd floor: #85 True Navy

**Locations/Phases/Quantities**

CORRIDERS PHASE ONE TOTAL: 90
- AREA B-FL2 (25)
- AREA D-FL2 (20)
- AREA B-FL3 (25)
- AREA D-FL3 (20)

CORRIDERS PHASE TWO TOTAL: 50
- AREA B-FL1 (10)
- AREA C-FL2 (20)
- AREA C-FL3 (20)

**Product Description**

- see attached information for specifications
- **NOTE: should have no base**
- see plan for end panel locations
- sloped tops
- owner providing locks
- contractor building base
- republic lockers as basis of design
PART 1 – GENERAL

1.01 SECTION INCLUDES

A. Standard Duty Knocked Down Lockers.

B. Locker benches.

1.02 REFERENCES

A. ADAAG - Americans with Disabilities Act, Accessibility Guidelines.

1.03 SUBMITTALS

A. Submit under provisions of Section 01 33 00.

B. Manufacturer’s data sheets on each product to be used, including:
   1. Preparation instructions and recommendations.
   2. Storage and handling requirements and recommendations.
   3. Installation methods.

C. Shop Drawings: Show the following:
   1. Dimensioned drawings including plans, elevations, and sections to show locker locations and interfaces with adjacent substrates.
   2. Details of assembly, erection, anchorage and clearance requirements.

D. Selection Samples: For each finish product specified, two complete sets of color chips representing manufacturer’s full range of available colors and finishes.

1.04 DELIVERY, STORAGE, AND HANDLING

A. Store products in manufacturer’s unopened packaging until ready for installation.

B. Protect locker finish and adjacent surfaces from damage.

PART 2 - PRODUCTS

A. Requests for substitutions will be considered in accordance with provisions of Section 01 25 00.

B. Provide only metal lockers fabricated in the United States by a single domestic manufacturer.

2.02 MATERIALS

A. Steel: Prime grade mild cold-rolled sheet steel free from surface imperfection, capable of taking a high-grade enamel finish and in compliance with ASTM A1008.

B. Steel: Sheet steel components shall be fabricated using zinc-coated steel free from surface imperfection, capable of taking a high-grade enamel finish and in compliance with ASTM A879.

C. Hooks: Zinc plated forged steel, ball ends.
D. Bolts and Nuts: Zinc plated truss fin head bolts and hex nuts.

2.03 STANDARD DUTY LOCKERS

A. Standard Duty Lockers:
   2. Tops, Bottoms, Backs, Sides, and Shelves: 24 gauge sheet steel.
   3. Doors over 12 inches (305 mm) wide or 20 inches (760 mm) high: 16 gauge sheet steel.
   4. Doors less than 12 inches (305 mm) wide: 18 gauge sheet steel.
   5. Legs: 6 inches (150 mm) high (standard).
   6. No legs (optional).

B. Locker Body: Steel specially formed for added strength and rigidity and to ensure tight joints at fastening points.
   1. Tops and bottoms with three sides formed 90 degrees, the front offset formed to be flush with horizontal frame member.
   2. Shelves with four sides formed to 90 degrees, front edge having a second bend.
   3. Hole spacing in locker body construction: Not exceeding 9 inches (225 mm).
   4. Form door frame members to a channel shape, not less than 16 gauge steel.
   5. Provide vertical door frame members with additional 3/8 inch (9.5 mm) flange as a continuous door strike.
   6. Mortise and tenon intermembering parts; electrically weld together in a rigid assembly capable of resisting strains.
   7. Securely weld cross frame members of channel shapes to vertical framing members to ensure rigidity, including intermediate cross frame on double and triple tier lockers.
   8. Optional factory assembly of locker bodies using rivets.
   9. Center partitions: 24 gauge steel vertical partitions, full depth between bottom and shelf.

C. Locker Doors: One piece sheet steel.
   1. Multi-Point Latch Doors: Full channel formation of adequate depth to fully conceal lock bar on lock side, channel formation on hinge side, right angle formations across top and bottom, with holes for attaching number plates.
   2. Single Point Latch Doors: 14 gauge door reinforced by a full height 3-1/2 inch (89 mm) wide, 18 gauge vertical pan welded to the top, bottom and hinge side flanges and rear of door skin on 12 inch (305 mm), 15 inch (381 mm) and 18 inch (457 mm) wide doors. Provide a horizontal pan for doors wider than 18 inches (457 mm).
   3. Single Point Latch Doors: 14 gauge door reinforced by a full 18 gauge inner pan welded to outer door skin on all four sides.
      a. Solid outer door, solid inner pan
      b. Diamond perforated outer, offset diamond perforated inner pan.
      c. 3 inch or 6 inch louvered outer door, mini louvered inner pan.
      d. Mini louvered outer, mini louvered inner pan.
   4. Provide holes for attaching number plates.
   5. Doors over 15 inches (380 mm) wide by 60 inches (1.524 m) or 72 inches (1.828 m) high: 3 inch (75 mm) wide 20 gauge full height reinforcing pan welded to inside face of door at 6 inch (150 mm) centers.
   6. Ventilation: Flush door front with no exposed louvers and air flow slots located in top and bottom flanges of door.

D. Hinges:
1. Two inch high, 0.074 inch (1.88 mm) thick sheet steel, double spun, full loop, tight pin, projection welded to door frame and securely fastened to the door with two steel rivets.
   a. Doors over 48 inches (1.066 m) high: Three 2 inch (51 mm) high five-knuckle hinges.
   b. Doors over 24 inches (1.066 m) wide: Four 2 inch (51 mm) high five-knuckle hinges.
   c. All other doors: Two 2 inch (51 mm) high five-knuckle hinges.

2. 16 gauge, 0.0625 inch (1.58 mm) thick sheet steel, continuous type hinge riveted to the frame and welded to the door.

2.04 DOOR HANDLES AND LATCHING

A. Two Person and Duplex Lockers, 1, 2 and 3 Tier: Multi-point latching:
   1. Classic III Multi-point latching with recessed handles:
      a. Recess finger-lift control handle in door.
      b. Pocket: 22 gauge brushed stainless steel securely fastened to door with two tabs and a positive tamper-resistant decorative fastener; of depth sufficient to prevent a combination padlock, built-in combination lock, or key lock from protruding beyond door face.
      c. Provide lock hole cover plate for use with padlocks.
      d. Attach 14 gauge formed steel lifting piece to latching channel with one concealed retaining lug and one rivet, assuring a positive two-point connection.
      e. Handle finger lift: Molded, sound-deadening, attached with rivet; padlock eye for use with 9/32 inch (7.1 mm) diameter padlock shackle.
      f. Latch Clip: Glass-filled nylon engaging the door frame and holding the door shut.
         1) Doors 60 inches (1.524 m) and 72 inches (1.828 m) high: Three points.
         2) Doors 20 inches (0.508 m) to 48 inches (1.22 m) high: Two points.
      g. Locking Device: Positive, automatic type, whereby locker may be locked when open, then closed without unlocking.
      h. Firmly secure one rubber silencer in frame at each latch hook.

B. 1, 2 and 3 Tier: Single-point latching:
   1. Single-point latching for horizontal bolt or padlock:
      a. Recess handle in door.
      b. Integral Pocket and Pull: 22 gauge brushed stainless steel securely fastened to door with two lugs and a positive tamper-resistant decorative fastener.
         1) Pocket Depth: Sufficient to prevent a combination padlock, built-in combination lock, or key lock from protruding beyond door face.
         2) Pull: Formed in pocket.
         3) Padlock Staple: Protruding through pocket.
      c. Provide lock hole cover plate for use with padlocks.
      d. Locking Device: 11 gauge steel hasp welded to locker frame; include surface for engaging the bolt of a built-in combination or key lock and anti-pry lug and slot to deter prying open when locked.
      e. Firmly secure rubber silencers to locker frame.
   2. Single-Point latching for wrap around/rotary latch locks:
      a. Recess Handle in door
      b. Integral Pocket and Pull: 22 gauge brushed stainless steel securely fastened to door with two lugs and a positive tamper-resistant decorative fastener.
         1) Pocket Depth: Sufficient to prevent a combination padlock, built-
in combination lock, or key lock from protruding beyond door face.

2) Pull: Formed in pocket.
3) Pocket punched for built-in lock mounting only. No padlock slot.

c. Locking Device: 11 gauge steel hasp welded to locker frame; include surface for secure wrap around vertical engagement by a built-in rotary-type lock to deter prying open when locked. Hasp must be adaptable to common horizontal throw locker lock and padlock use.

d. Firmly secure rubber silencers to locker frame.

2.05 INTERIOR EQUIPMENT

A. ADA-Compliant Lockers (Recessed Handles with Multi-Point Latch):
   1. Single Tier Lockers: Hat shelf 48 inches (1.219 m) maximum off the floor.
   2. Locker Bottom: Minimum of 9 inches (230 mm) off the floor, or an extra shelf placed 9 inches (230 mm) off the floor for side access or minimum of 15 inches (381 mm) off the floor for front access.
   3. Handicapped symbol attached to door.
   4. Hooks and rods as specified for other lockers.

2.06 ACCESSORIES

A. Number Plates: Provide each locker with a polished aluminum number plate, 2-1/4 inches (57 mm) wide by 1 inch (25 mm) high, with black numerals not less than 3/8 inch (9.5 mm) high; attach to face of door with two aluminum rivets.

B. Closed Bases: 18 gauge closed metal front and end bases, finished to match lockers.

C. Locks: Built-in flat key locks; control-key to same series.

D. Locks: Built-in grooved key locks (pin tumbler); control-key to same series.

E. Locks: Built-in three-number dialing combination locks capable of at least five different combinations changes; provide control key, combination change key, and combination control charts.
   1. Horizontal bolt
   2. Wrap around/rotary bolt

F. Padlocks: Control-keyed, three-number dialing combination type padlocks; provide control key. Mechanism must be resistant to “shimming”.

G. Coin-Operated Locks:
   1. Coin return/deposit type.
      a. Token.
      b. One quarter.
      c. Two quarters.
   2. Coin collect/pay type with cash box.
      a. Token.
      b. One quarter.
      c. Two quarters.

H. Continuous Sloped Hoods: 18 gauge steel, slope rise equal to 1/3 of the locker depth (18.5 degrees), plus a 1 inch (25 mm) vertical rise at front.
   1. Supplied in 72 inch (1829 mm) lengths only.
   2. Slip joints without visible fasteners at splice locations.
   3. Provide necessary end closures.
   4. Finish to match lockers.
I. Continuous Sloped Hoods: 16 gauge steel, slope rise equal to 1/3 of the locker depth (18.5 degrees), plus a 1 inch (25 mm) vertical rise at front.
   1. Supplied in 72 inch (1829 mm) lengths only.
   2. Slip joints without visible fasteners at splice locations.
   3. Provide necessary end closures.
   4. Finish to match lockers.

J. Unit Slope Tops for Standard Duty Lockers: 24 gauge steel, slope rise equal to 1/3 of the locker depth, finish to match lockers.

K. Finished End Panels: Minimum 16 gauge steel formed to match locker depth and height, 1 inch (25 mm) edge dimension; finish to match lockers; install with concealed fasteners.

L. Front Fillers: 20 gauge steel formed in an angle shape, with 20 gauge slip joint angles formed in an angle shape with double bend on one leg forming a pocket to provide adjustable mating with angle filler.
   1. Attachment by means of concealed fasteners.
   2. Finish to match lockers.

M. Zee Bases for Knock-Down Lockers without legs: 14 gauge, steel flanged outward at top for support of lockers, flanged inward at bottom for anchoring to floor.
   1. Height: 4 inches (101 mm).
   2. Height: 6 inches (150 mm).

N. Recess Trim: 18 gauge steel, 3 inch (75 mm) face dimension.
   1. Vertical and/or horizontal as required.
   2. Standard lengths as long as practical.
   3. Attach to lockers with concealed clips.
   4. Provide necessary finish caps and splices.
   5. Finish to match lockers.

O. Benches: Laminated selected hardwood, 1-1/4 inch (31 mm) full finished thickness, corners rounded and sanded, surfaces finished with two coats of clear lacquer.
   1. Width: 9-1/2 inches (240 mm) wide.
   2. Width: 12 inches (305 mm) wide.
   3. Width: 24 inches (610 mm) wide.
   4. Lengths: As shown.

P. Heavy-Duty Bench Pedestals: Steel tubing with 10 gauge steel flanges welded to each end, 16-1/4 inches (412 mm) high, finish to match lockers.

Q. Stainless Steel Free-Standing Bench Pedestals: 2-inch (50 mm) diameter brushed 16 gauge stainless steel formed into a trapezoid, 14 inch (355 mm) wide bottom with two 5/16 inch (7.9 mm) diameter holes, top flange with four 5/16 inch (7.9 mm) diameter holes for fastening to bench

2.07 FABRICATION

A. Fabricate lockers square, rigid, without warp, with metal faces flat and free of distortion.

B. Knock-Down Lockers: Fabricate lockers on the unit principle, each locker with individual door and frame, individual top, bottom, back, and shelves, with common intermediate divisions separating compartments. Verify dimensions and arrangement before fabrication.
C. Finish: Enamel powder coat paint finish electrostatically applied and properly cured to manufacturer’s specifications for optimum performance. Finishes containing volatile organic compounds and subject to out-gassing are not acceptable. Locker exterior and interior shall be painted the same color.
1. Powder Coat - Dry Thickness: 1 to 1.2 mils (0.025 to 0.03 mm).
2. Powder Coat Plus - Dry Thickness: 2 to 2.2 mils (0.05 to 0.055 mm).
3. Color: As selected from manufacturer’s standard colors.
4. Special Finish
   a. Custom color
   b. Anti-Graffiti
   c. Anti-Microbial
   d. TGIC
   e. Ultra-Weatherable

PART 3 – EXECUTION

3.01 EXAMINATION

A. Do not begin installation until substrates and bases have been properly prepared.

B. If substrate and bases are the responsibility of another installer, notify Architect of unsatisfactory preparation before proceeding.

3.02 INSTALLATION

A. Install metal lockers and accessories at locations shown in accordance with manufacturer’s instructions.

B. Install lockers plumb, level, and square.

C. Anchor lockers to floor and wall at 48 inches (1.219 m) or less, as recommended by the manufacturer.

D. Bolt adjoining locker units together to provide rigid installation.

E. Install sloping tops and metal fillers using concealed fasteners. Provide flush hairline joints against adjacent surfaces.

F. Install front bases between legs without overlap or exposed fasteners. Provide end bases on exposed ends.

G. Install benches by fastening bench tops to pedestals and securely anchoring to the floor using appropriate anchors for the floor material.

3.03 ADJUSTING AND CLEANING

A. Adjust doors and latches to operate without binding. Verify that latches are operating satisfactorily.

B. Adjust built-in locks to prevent binding of dial or key and ensure smooth operation prior to substantial completion.

C. Touch-up with factory-supplied paint and repair or replace damaged products before substantial completion.
Options

**finish/fabric**
- back/seat: brisa distressed/ponderosa
- back & seat accent/extreme back: shenanigans/frolic

Locations/Phases/Quantities

**QUANTITY PHASE ONE TOTAL: 6**
121 MAIN OFFICE  (6)

**Product Description**

**FRAME:**
- interior frame is constructed of plywood with tenon joints that are glued and stapled for maximum joint stability
- welded leg assembly is screwed within the arm frame assembly
- 12-gauge back brackets are attached to the frame with wood screws

**FULLY UPHOLSTERED BACK CONSTRUCTION**
- 1" of high grade polyurethane covers a plywood back panel

**SEAT CONSTRUCTION**
- 3-1/4" of high grade polyurethane foam covers a plywood seat panel
- east clean wipe out feature

**ARMS**
- 3/8" of high grade polyurethane foam covers a plywood

**LEGS**
- front and back legs and cross member are made from 7/8" x 1-1/4" 16-gauge elliptical tubular steel. Cross member is joined to the front and the back leg with metal inert gas (MIG) welds
- wall saving design feature

**TABLET ARM**
- 3/4” thick MDF core with black therfoil or 3/4” plywood core with maple veneer
- attached with 1/4 steel base plate and screws that mount over 3/4" dia insert rod and fits into structure of arm
- allows for 360 degree swivel and writing surface of 14"W x 9.5”D

**GLIDES**
- front legs feature a 1” adjustable leveling glide
- Back legs feature a 1” adjustable 1” swivel leveling glide
- Soft glides are available for an additional upcharge

**FINISHES**
- cinder, platinum metallic and satin nickel metallic frames are finished with an electrostatic baked-on powder coat
- wood components feature a catalyzed top coat that
Product Description

FRAME CONSTRUCTION
- Interior frame is constructed of plywood with tenon joints that are glued and screwed for maximum joint stability
- Exterior base frame is constructed with hard maple and aluminum extrusions
- Each joint is securely glued for maximum joint stability

SEAT CONSTRUCTION
- 4” of high grade polyurethane foam covers a plywood seat panel with high tension strip webbing for comfort

BACK CONSTRUCTION
- 4 ½” of high grade custom shaped polyurethane foam stretched over web sheet and attached to frame

ARM CONSTRUCTION
- ½” of high grade polyurethane foam covers a plywood constructed arm frame

UPHOLSTERY DETAIL
- Contrasting fabric available on all models

LEGS
- Extruded aluminum legs with nylon leveling glides

FINISH
- Base features a catalyzed top coat that resists denting, peeling and reactions to chemicals
- Features our silver ion antimicrobial finish which inhibits the growth of bacteria and microbes

WOOD SPECIES
- Hard maple

Options:

finish/fabric
- back/seat: brisa distressed/ponderosa
- back & seat accent/extreme back: shenanigans 1/2: frolic, 1/2 wile; split fabric colors in 117 other areas to be frolic
- base: cinder
- reveal: carmel on maple

LS2 QUANTITY PHASE ONE TOTAL: 5
117-LC (2)
131-CAREER (3)

LS2 QUANTITY PHASE TWO TOTAL: 10
132B-SW (2)
132C-SW (2)
132D-SW (2)
132G-SW (2)
132H-SW (2)

LS2 QUANTITY PHASE TWO TOTAL: 4
127A-SW (2)
133A-COORD (2)

LS6 QUANTITY PHASE ONE TOTAL: 18
117CLC (14)
117G (4)
Product Description

FRAME CONSTRUCTION
• Interior frame is constructed of plywood with tenon joints that are glued and screwed for maximum joint stability
• Exterior base frame is constructed with hard maple and aluminum extrusions
• Each joint is securely glued for maximum joint stability

SEAT CONSTRUCTION
• 4" of high grade polyurethane foam covers a plywood seat panel with high tension strip webbing for comfort

FINISH
• Base features a catalyzed top coat that resists denting, peeling and reactions to chemicals
• Features our silver ion antimicrobial finish which inhibits the growth of bacteria and microbes

WOOD SPECIES
• Hard maple

Options

finish/fabric LS3 (3 seat):
• back/seat: brisa distressed/panderosa
• accent/extreme back: B205/B202...shenanigans. tom foolery 311...shenanigans, maneuver

finish/fabric LS4 (one seat) & LS5 (two seat):
• seat: brisa distressed/p0nderosa
• accent: shenanigins/frolic

Locations/Phases/Quantities

LS3 QUANTITY PHASE ONE TOTAL: 6
311 CLASSROOM (2)
B202 CLASSROOM (2)
B205 TEACHER WK RM. (2)

LS4 QUANTITY PHASE ONE TOTAL: 5
117C (4)
117E-GROUP (1)

LS5 QUANTITY PHASE ONE TOTAL: 1
117C (1)
Product Description:

- 48 x 35, 24 to 36" adj height, 116 lbs.
- High-Density Fiberboard Surface
- 14 Gauge Recycled Steel Frame
- High-Pressure WilsonArt Laminate
- Scratch / Dirt Resistant Powder Coat
- Premium T-Molding
- American Made
- Lifetime Warranty
- Keyboard tray
- Option: basic wheel kit

Options

finish/fabric
- frame: warm grey
- top: maple

Locations/Phases/Quantities

QUANTITY PHASE ONE TOTAL: 24
A173 (24)
**Options**

finish/fabric
finish: Light Cherry

**Locations/Phases/Quantities**

QUANTITY PHASE ONE TOTAL: 1
107-LECTURE (1)

**Product Description**

- 45H x 32W x 30D
- Work surface height 38” (97cm)
- Constructed with furniture grade laminates and edge banding
- Pull out keyboard shelf
- Two locking presenter side doors
- Locking removable access panel
- Two interior compartments, a smaller one for CPU the other side has adjustable shelf
- Locking heavy-duty casters
- Cable management system
Options

finish/fabric
- finish: Black
- with chrome plated steel legs

Product Description

- 72L x 24W x 19 1/2H
- Two inch high density foam for full body support. Triple bolt design insures strength and stability.
- A table paper cutter/holder comes standard.

Locations/Phases/Quantities

QUANTITY PHASE ONE TOTAL: 2
B102 CLINIC (2)
storage room shelving

**Options**

finish/fabric:
  chrome

**Locations/Phases/Quantities**

QUANTITY PHASE ONE TOTAL: 34
  34 STORAGE ROOMS (1 PER UNIT)

**Product Description**

- 36 x 18 x 86”
- shelf capability: 800 lbs
- shelves adjust in 1” increments
- assemble in minutes, no tools required.
- reduce dust and dirt accumulation
Product Description

- 18-1/8" high
- Seat shell to be flexible one piece double-wall injection blow molded polypropylene type with perforated seat pan and textured finish.
- Shell back to be lumbar supporting type with molded-in round hand hole for ease of lifting or moving.
- Bottom of shell to be molded to receive the supporting chair frame and held in place with concealed seat brackets and tamper-proof screws.
- Seat shell and frame shall be totally replaceable and independent from each other.
- Chair frame to be single piece 7/8” diameter twelve (12) gauge five bend steel tube with no visible welds. Cross brace to be ¾” diameter twelve (12) gauge straight steel tube affixed to legs with high capacity invisible weld with no slag or build-up at weld joint.
- Bends to be mandrill-type with no flattening or distortion of steel tube at bend radiuses.
- Glides to be anti-tip two-component type with non-marring face attached to replaceable hard plastic housing suitable for use on all hard-surface floors. Standard hard plastic glide available for use on carpeted surfaces.
- Chair to be able to be stacked five (5) on the floor.

Options

finish/fabric:
- shell: black grey
- frame: artic
- anti-tip component guide

Locations/Phases/Quantities

QUANTITY PHASE ONE TOTAL: 918
QUANTITY PHASE TWO TOTAL: 1131
Options

finish/fabric:
  top: beech
  frame: artic

Locations/Phases/Quantities

QUANTITY PHASE ONE TOTAL: 524
QUANTITY PHASE TWO TOTAL: 980

Product Description

• A fixed leg student desk/table providing a durable, stable writing/working surface. Desk consists of a molded wood material with tubular oval steel inverted T base and frame.
• Frame to be twelve (12) gauge oval steel tube with flat tapering steel feet or skids for maximum stability. Steel skids to have full coverage replaceable plastic scuff plates with concealed attachment. Steel skids to offer standard plastic floor glide or optional non-marring glide for all hard-surface floors. Frame to have twelve gauge round steel tube mounted horizontally and mig-welded between vertical legs.
• Tops to be secured to frame with a minimum of eight (8) case-hardened wood screws

TOP DESCRIPTION
• Man-made solid surface product consisting of approximately 95% recycled natural materials.
• Top is 5/8” thick, 19.5” D X 27.5” W x 30”H
• All tops have a 2” radius on each corner
• Surface material is a homogeneous beech molded top with rounded corners. The core material is natural beech shavings with a phenolic bottom sheet and a melamine top sheet for a balanced top construction.
Product Description

- 18-1/8" & 22-1/8" high
- Frame of welded U-shaped skid and seat support of chrome-plated oval steel tube. Pickapack fitting for storage on table top.
- Smallest model without, middle and larger models with foot-rest.
- Frame sizes in 3 fixed heights.
- Seat of double-walled textured polypropylene for comfortable sitting with air-cushion effect.

Options

finish/fabric
- black seat
- artic frame

Locations/Phases/Quantities

18-1/8 HIGH
QUANTITY PHASE ONE TOTAL: 48
145 (24)
147 (24)

QUANTITY PHASE TWO: 40
250 (40)

22-1/8 HIGH
QUANTITY PHASE ONE TOTAL: 120
207-LAB (11)
210-LAB (11)
215-LAB (11)
220-LAB (11)
317-LAB (11)
320-LAB (11)
307-LAB (7)
310-LAB (7)
313-LAB (9)
B211-LAB (9)
B207-LAB (13)
B209-LAB (9)
Options

finish/fabric
- finish: Dark Grey

Product Description

- 18-1/8"H
- Stool made from sturdy, durable and extremely scratch-resistant polypropylene, fully recyclable. Slight seat recess, filled with soft plastic foam for comfort.
- Thermoplastic base padding screwed to the polypropylene body.
- Function: Facilitates free mobility under controlled conditions thanks to rounded set-down surfaces which stimulate the full apparatus of movement.
- Easy to carry thanks to ergonomic, wave-shaped seat edge for gripping which also prevents the stool from rolling off. The stool is easy to transport and can be stacked with others to save space.

Locations/Phases/Quantities

QUANTITY PHASE ONE TOTAL: 30
CLASSROOM STOOL (30)

QUANTITY PHASE TWO TOTAL: 46
CLASSROOM STOOL (46)
Product Description

- 24 x 60 x 30
- Features square edge (A).
- Tops are Chemsurf chemical resistant
- Apron rails are 13/16” thick and 5” tall.
- Legs are 2 1/4” square with adjustable glides.
- black boots

Options:

finish/fabric:
  light cherry on maple w/black chemsurf top

Locations/Phases/Quantities

QUANTITY PHASE ONE TOTAL: 144
  207-LAB (12)
  210-LAB (12)
  215-LAB (12)
  220-LAB (12)
  307-LAB (12)
  310-LAB (12)
  313-LAB (12)
  317-LAB (12)
  320-LAB (12)
  B207-LAB (12)
  B209-LAB (12)
  B211-LAB (12)

QUANTITY PHASE TWO TOTAL: 9
  151-PHOTO LAB (9)
slat wall accessories

Options

finish/fabric

• finish: Clear

Locations/Phases/Quantities

SW1 QUANTITY TOTAL PHASE 1: (1)
SW2 QUANTITY TOTAL PHASE 1: (8)
SW3 QUANTITY TOTAL PHASE 1: (10)
SW4 QUANTITY TOTAL PHASE 1: (130)
ALL LEARNING COMMONS 117

Product Description

• SW1: angled book holder: 8 x 4-1/2 x 4-1/4”
• SW2: display trough: 5 x 16 x 3”
• SW3: heavy duty angled shelf: 1 x 23 x 11”
• SW4: cut corner file case, translucent