

SCHOOL FURNITURE & EQUIPMENT GENERAL SPECIFICATIONS

1. SCOPE

- 1.1 This specification document establishes the minimum requirements for the items listed and described in the body of these specifications, to be used by the MMS location.
- 1.2 The intent of this bid is to establish a contract for a period of **one (1) year** from the date of award, during which time the successful bidder shall guarantee firm prices for the item(s) awarded to him as specified in this bid. If the vendor fails to hold pricing for the contract period, vendor may be removed from bidding on any Mosaica and MMS contracts for a period of one (1) year.

1.3 CONTRACT RENEWAL

Mosaica on behalf of the MMS reserves the right to renew this contract or any portion thereof, for up to **four (4) additional one-year periods**, upon mutual agreement, in writing.

- 1.4 **The purpose of this bid is for furniture at start-up schools as well as replacement furniture at existing schools.**

1.5 SUBMITTALS

Please provide three (3) copies of your bid to Mosaica Attn: Purchasing Manager, clearly marked ORIGINAL and COPY. **Note: It is acceptable for the copies to be in the same envelope as the original.**

2. TECHNICAL SPECIFICATIONS

- 2.1 Children's safety is paramount, so that all products should be safe for use without tipping hazard or other hazard.
- 2.2 See attached Bid Price Sheets for item number and suggested manufacturer. All items must be bid as specified, or equivalent. Please use these specifications to clarify the bid price sheet documents presented to you. **In the bid price sheet there are suggested manufacturers and item numbers, these specifications were written from those item numbers and from those manufacturers and should be exact matches to those items listed on the bid pricing sheet.** Should there be any discrepancies with any of the descriptions, sizes or color, as listed on the bid price sheet submit any and all questions to the Purchasing Manager in accordance with the Invitation to Bid guidelines and any and all questions will be answered timely and accurately. The Bid Price Sheet will always prevail unless otherwise stated by the Mosaica Purchasing Manager in writing.
- 2.3 **Tables/Carts:**
- A. **Activity Table: 30"X48" Rectangular** Tops are made with High-Pressure Melamine laminate to be not less than 1-3/16" thick with backer sheet and with table edges that are safely protected with heavy-duty vinyl T-molding to prevent dents and scratches. The legs are constructed of nickel chroming. Painted leg portions have a baked-on enamel coating. Tables are constructed with high-carbon 16-gauge steel legs. For the highest degree of security and safety, each of the adjustable legs (adjustable 22"-30"H) are secured by two 1/4" X 3/4" solid-steel bolts. The bolts extend through the outer leg and thread completely through the inner leg to provide the most secure structural support available on any adjustable leg table. Laminate top color is to be light oak unless specified by order (some exceptions will apply by school location). Quick-mount plates on tables makes assembly a snap. These extra heavy-duty mounting brackets are factory installed and require only one screw to securely attach each leg. **Mosaica Reference Number 001**
- B. **Activity Table: 30"X60" Rectangular** Tops are made with High-Pressure Melamine laminate to be not less than 1-3/16" thick with backer sheet and with table edges that are safely protected with heavy-duty vinyl T-molding to prevent dents and scratches. The legs are constructed of nickel chroming. Painted leg portions have a baked-on enamel coating. Tables are constructed with high-carbon 16-gauge steel legs. For the highest degree of security and safety, each of the adjustable legs (adjustable 22"-30"H) are secured by two 1/4" X 3/4" solid-steel bolts. The bolts extend through the outer leg and thread completely through the inner leg to provide the most secure structural support available on any adjustable leg table. Laminate top color is to be light oak unless specified by order (some exceptions will apply by school location). Quick-mount plates on tables makes assembly a snap. These extra heavy-duty mounting brackets are factory installed and require only one screw to securely attach. **Mosaica Reference Number 002**
- C. **Activity Table: 24"X36" Rectangular** Tops are made with High-Pressure Melamine laminate to be not less than 1-3/16" thick with backer sheet and with table edges that are safely protected with heavy-duty vinyl T-molding to prevent dents and scratches. The legs are constructed of nickel chroming. Painted leg portions have a baked-on enamel coating. Tables are constructed with high-carbon 16-gauge steel legs. For the highest degree of security and safety, each of the adjustable legs (adjustable 22"-30"H) are secured by two 1/4" X 3/4" solid-steel bolts. The bolts extend through the outer leg and thread completely through the inner leg to provide the most secure structural support available on any adjustable leg table. Laminate top color is to be light oak unless specified by order (some exceptions will apply by school location). Quick-mount plates on tables makes

assembly a snap. These extra heavy-duty mounting brackets are factory installed and require only one screw to securely attach. **Mosaica Reference Number 118**

- D. **Activity Table: 36" Round** Tops are made with High-Pressure Melamine laminate to be not less than 1-3/16" thick with backer sheet and with table edges that are safely protected with heavy-duty vinyl T-molding to prevent dents and scratches. The legs are constructed of nickel chroming. Painted leg portions have a baked-on enamel coating. Tables are constructed with high-carbon 16-gauge steel legs. For the highest degree of security and safety, each of the adjustable legs (adjustable 22"-30"H) are secured by two 1/4" X 3/4" solid-steel bolts. The bolts extend through the outer leg and thread completely through the inner leg to provide the most secure structural support available on any adjustable leg table. Laminate top color is to be light oak unless specified by order (some exceptions will apply by school location). Quick-mount plates on tables makes assembly a snap. These extra heavy-duty mounting brackets are factory installed and require only one screw to securely attach. **Mosaica Reference Number 119**
- E. **Activity Table: 48" x 72" Kidney** Heavy-duty tops are 1-1/8"-thick, covered with a high pressure, non-glare plastic laminated surface which is burn, stain and scratch-resistant and easy to clean. Chip-resistant T-molded edges and rounded corners provide protection. Chromed tubular steel adjustable legs adjust height from 22" to 36". **Mosaica Reference Number 125**
- F. **Library Table Tops (Round/Hex/Rectangular)** table is built using 1" x 2" rectangular steel tubing for skirts around the perimeter of the table. The frame is inset 1-1/2" from the edge of the table. The two skirts along the width and along the length are welded to corner brackets with a minimum 6" of weld at each corner. Legs are 2-1/2" in diameter with a solid nylon insert that has been pressed in to the upper portion of the leg to allow additional support to the leg when bolted to the corner brackets. The legs are secured to the corner bracket using a 5/16 bolt with a self-locking nut. A 1/4-20 threaded insert is placed at the bottom end of each leg—to which a leg leveler is attached. **Mosaica Reference Number 003**
- 1) **EXPOSED EDGES** are edge banded using 3mm T-Edge—color matched to the frame and hardware unless otherwise noted. The face of the T-Edge molding is 1/16" wider than the thickness of the panel and trimmed to panel thickness after installation. 3mm T-Edge allows for corner radiuses of not less than 1-5/8". Face thickness is 3mm with a barb thickness of .130 and a barb length of 7/16".
 - 2) **FASTENERS** used for attaching the top to the frame are auger point, steep-pitched, wide-spaced thread screws—specially made for use in particleboard—with a Quadrex™ (Phillips/Square) drive to allow use of a Phillips screwdriver for work in the field.
 - 3) **TABLE FRAMES** are washed using a biodegradable detergent. A phosphatizing coat is applied for corrosion resistance and improved powder coat adhesion. Our powder coating is a
 - 4) polyester-based powder, electrostatically applied to obtain a 3mil cure thickness, and oven baked to manufacturing specifications.
 - 5) **HPL TOPS** consist of 47#, industrial grade particleboard with a core thickness of 1"—laminated with a .030 decorative high pressure laminate on the work surface. Underneath surface is laminated with a balanced .020 cabinet liner. The top around the two long edges with 3mm decorative laminate is wrapped 180 applied to the two shorter edges. Typical PVC panel performance meets or exceeds NEMA LD3-1991-GP28 and ALA minimum requirements.
 - 6) **MELAMINE TOPS** consist of 47 #, industrial grade particleboard with a core thickness of 1"—thermal-fused on both faces with decorative melamine laminate. Typical panel performance meets or exceeds NEMA LD3-1991-GP28 and ALA minimum requirements. Melamine panels also conform to standards set by KCMA, WIC, and CSA.
 - 7) **POWDER COAT COLOR** for the frame is color matched to the edging and specified by the customer—from Ironwood's list of standard colors. (Custom colors are available upon request.)
 - 8) **TUBING** used in table frame fabrication is 16ga., HREW (Hot Rolled Electric Resistance Welded), mild steel pickled in oil to remove surface oxides from the metal. The tubing is electric resistance welded and is made from low-carbon 1020 strip. Outside welding flash is removed on all sizes. Inside welding flash is controlled on all sizes under 2".
 - 9) **WASHER BRACKETS AND ANGLE BRACKETS**, too—when not electroplated—are washed using a biodegradable detergent and have a phosphatizing coat applied for corrosion resistance and improved powder coat adhesion. Powder coating utilized by Ironwood is polyester-based, electrostatically applied, and oven baked to manufacturing specifications—resulting in a 3mil cure thickness.
- G. **Laminate Conference Table Boat Shaped Bullnose w/ Wire Management T-mold Edge 96" Long x 48" Wide x 1-1/8" Thick.** Bases and tops ordered separately and shipped in separate cartons. High pressure laminate top. All table tops are one piece. This model comes with one grommet hole. All tables are 29-1/2" High. Tops are high-pressure laminate over 1-1/8" thick solid core high-density particleboard. Underside of top features a factory installed vinyl template. The template, which is trilingual, facilitates assembly of the base to the top by designating the specific attachment location for multiple base designs. Bases attach to top with self drilling screws, no drilling is needed. Meets or exceeds ANSI/BIFMA and ISTA performance standards. **Mosaica Reference Number 004**
- 1) **BASES** feature adjustable leveling glides. All tables are 29-1/2"H. Laminate slab, curved with plinth, cylinder, "X", double and single column bases require specifying a laminate color. Metal "X", arc and

cannon bases require specifying a paint color. Laminate slab and curved bases feature four steel stretcher ends, which assemble to the steel stretcher support included with the top. The curved with plinth and arc bases can be reversed (convex or concave). Meets or exceeds ANSI/BIFMA and ISTA performance standards. **Mosaica Reference Number 004.1**

- 2) **INTERPORT DATA/POWER MODULE KIT** (1) Interport Data/Power Module. Fits all grommet position access holes. Can be used stand alone or in modular multiples; may be used in closed position while in use; reversible without removing base from work surface. (2) simplex; 6ft. 15 AMP cord; (2) voice/data ports; UL Listed; jacks and couplers sold separately. Dimensions: 7" Long x 5" Wide. Fits 1" - 1-1/8" thick work surfaces. Available in Black (P) or Silver (F6) only. **Mosaica Reference Number 004.2**
- H. **Table and Chair Set:** Round table 24" diameter X 16"H. Table seats two to four children. Butcher block pattern with melamine top. Chairs (2 included) are northern maple with strong birch bentwood-back. 34 lbs. **Mosaica Reference Number 005**
- I. **UL Listed Wide-Body Flat Panel TV Carts for 30" to 42" Televisions:** Wide-Body Flat Panel TV cart UL approved cart for flat panel monitors not to exceed 65 lbs. with the base removed. Suggested for use with flat panel monitors from 30" to 42" diagonal. Cart has been certified to comply with UL standards 1667 for tall institutional carts and specifically designed for schools. Mounting assembly is adjustable and designed to attach to the mounting holes built into the back panel of the flat panel monitor. Mounting assembly is adjustable to accommodate mounting hole patterns from 100 mm to 700mm wide and 100 mm to 400 mm high. A courtesy hardware pack containing several lengths of 4M, 5M and 6M metric screws for the monitor have been included. Mounting arms hang from a horizontal plate and secure in place with two clips that include anti-theft screws. A transition plate allows for forward tilt adjustment of 0, 7.5 or 15 degrees and attaches to a 22" aluminum pole using an aluminum nugget. Aluminum pole has front and rear cord management channels. Pole secures to a reinforced steel top shelf using one (1) center 5/8-11 UNC x 1-3/4" socket screw and four (4) 1/4-20 x 1" hex head machine screws. Carts feature an 18-gauge steel reinforced top shelf with underside front and lateral stiffeners and two 3" diameter grommet holes. The rear of the shelf includes a five (5) hole cluster that is used to secure the aluminum pole and mounting assembly to the top shelf. The shelf is press formed with a 1/8" lip bordering the top surface and has open corners to fit flush to the legs and interlock with welded mounting brackets with 1/4" square head bolts and hex nuts. A steel handle mounts to one side for ease in transportation and optional electrical units may be mounted to the opposite side. Two (2) 18-gauge steel shelves are used as the bottom and middle shelves of the cart. Shelves are press formed with a 1/8" lip bordering the top surface on all four sides and middle shelf includes a 3" diameter rear grommet hole. The bottom shelf is larger than the middle shelf and forms the base of the cart. The shelf corners are open to fit flush to the legs and interlock with welded mounting brackets. Shelves attach with 1/4" square head bolts and hex nuts that tighten to hold leg securely to shelf. Completely enclosed electrical unit will have two or three grounded outlets, 20 ft. 3-wire cord, built in winder, and two 3/16" diameter machine screws with wing nuts for attaching unit to pre-drilled holes in the top shelves. Electrical assembly shall be UL listed when attached to the cart. Carts have a combination of two fixed and two swivel casters to stabilize the cart from sideways motion and reduce the possibility of a tip over accident. FPBBUL32 features 4" industrial grade casters. Carts have been certified to comply with UL standards 1667 for tall institutional carts in the United States and Canada. Carts feature the wide body design and pass stability testing on a 10 degree incline, reducing the possibility of a tip over accident that can destroy equipment and injure children. Carts are load tested to 4 times the intended weight to assure a secure platform and long product life. Tests are designed to eliminate or minimize reasonable foreseeable risks of audio visual carts intended for use in schools, institutions, hospitals, or similar locations, where children of diminished capacity or disabled persons are likely to move or may be asked to move them. **Mosaica Reference Number 006**
- J. **Flat Panel Retrofit Kit for UL Listed CRT TV Carts BBUL44:** Converts CRT style TV carts for use with today's flat panel technology. The retrofit shelf is an UL approved accessory, therefore your cart keeps its original UL listing. For use with UL listed BBUL44 and BBULC48 series wide body carts for CRT style TVs. For use with flat panel monitors up to 65 lbs. Suggested for use with flat panel monitors from 30" to 42" diagonal. Kit replaces the original top shelf with new shelf and flat panel mounting device. Certified for the United States and Canadian markets. **Mosaica Reference Number 128**
- K. **Adjustable AV Cart 24"W x 18"D x 26-42"H.** Cart shall have three 20-gauge steel shelves. Each shelf shall be press formed with a 1/4" lip bordering the top surface on all four sides. The top shelf shall have a 20-gauge steel stiffener electrically welded underneath the surface front to back. A Black rubber mat shall be placed on the top shelf. The shelf shall have two 3/16" diameter holes centered on both the right side and the left side to accept an electrical assembly. Cart shall be recommended for use with up to a 20" diagonal monitor. The table

shall have an adjustable top section that consists of one 20-gauge shelf with four, 14-gauge steel legs welded to the shelf at each corner. Each offset leg shall have two 1/4" diameter holes near the bottom of the section and in the center of the leg that will accept a 1/4-20 machine screw. The holes shall be spaced 4" apart to permit height adjustments when matched to the bottom section of the table. Each offset leg shall fit over the bottom section of the table and is secured at the desired height by a machine screw. The bottom section of the adjustable table shall consist of two 20-gauge steel shelves - one at the top of the section and the other at the bottom. There shall be four, 14-gauge steel legs welded to the shelves at each corner. Each leg shall have four, 1/4" diameter holes down the center of the leg that will accept a 1/4-20 machine screw. Holes shall be 4" apart to permit table height adjustments. A hard plastic caster insert shall be mounted to each leg. Cart shall be finished in a powder paint finish. Casters shall be mar-resistant, Black hard rubber and 4" in diameter. Each caster assembly shall have ball bearing swivel capabilities and steel construction. Two shall have locking brakes. Electrical unit is completely enclosed with two grounded outlets, 20 ft. 3-wire cord and two 3/16" diameter machine screws with wing nuts for attaching unit to pre-drilled holes in the top shelves. The left side of the top shelf shall have holes to accept the electrical assembly. Electrical assembly shall be UL listed when attached to the cart. **Mosaica Reference Number 007**

- L. **Fully Assembled 15 Unit Notebook Computer Cart w/Electrical 35 1/2 x 21 1/2 x 38 1/8 in.** Cart shall have two shelves with eight compartments per shelf for up to 16 laptops. Each compartment shall measure 4-3/16"W x 13-1/2"H. Shelf dividers shall be removed for storing larger items. Individual cord holders for each laptop shall provide convenient cord management. Solid steel construction and locking doors shall ensure security of equipment. Doors shall lock with a Bretford re-settable combination padlock. Top shelf shall be used as a space for laptop and printer or as a general working surface. All shelves, including top shelf, shall include a rubber mat. Single grommet hole in back of unit shall enable electrical unit to be plugged into wall. Flip-down back panel shall allow for easy access to electrical unit. Flip-down back panel shall be kept shut with a Bretford re-settable combination padlock. Back panel shall also feature ventilation holes in the back panel to cool equipment when charging. 5" casters, two lock, shall allow cart to be rolled easily. Cart shall be finished in grey powder paint. Overall dimensions shall be 35-1/2"W x 21-1/2"D x 38-1/8"H. Electrical Unit Construction: LAPTG15ESA-GM shall come with a 15-outlet, UL-listed electrical unit to charge laptops. **Mosaica Reference Number 129**
- M. **Welded 30 Laptop Cart w/5" casters & electrical units in rear 42 1/2 x 27 1/2 x 47 1/4 in.** 3 banks of 10 compartments, each with its own electrical access. Entire cart shall be completely welded together. Cart shall have one 42-1/2"W x 24"D, 18-gauge steel work surface shelf which shall have two 2" diameter grommet holes in rear of shelf. The underside of the work surface shall have one 18-gauge stiffener with two 28.5mm holes for use with an optional security cable. Work surface shall be covered with black rubber mat. Cart shall also have one 42-1/2"W x 24"D, 18-gauge steel bottom shelf and nine 42-1/4"W x 17"D, 18-gauge interior shelves. Interior shelves shall have 2 x 2 cutouts in rear corners to aid in cord management. Each laptop compartment shall measure 12"W x 17"D x 3"H. Interior shelves shall attach to side and back panels by support tabs. Also enclosed shall be two, 20-gauge outer panels and two, 20-gauge inside panels. Cart shall have one, 20-gauge back panel. Back panel shall have two 2" diameter grommet holes and a cut out for an automatic timer located at the bottom rear and on outside back panel there are two cord winders for cord management. Cart shall have two, 20-gauge doors that shall have multiple-point locking system with re-programmable, three-dial combination padlock to lock doors. All panels shall have ventilation holes throughout. Legs shall be 18-gauge 1" square tubular steel. Unit shall have four 5" plate casters, two rigid and two swivel with locking brakes. Cart shall have built-in handles. Each model shall be painted in grey powder coated paint. Overall dimensions shall be 42-1/2"W x 24"D x 47-5/16"H. Unit shall have two, 15-outlet electrical units. Electrical units shall be installed inside the back of the cart. Each unit is UL listed, surge protected, shall include a 20' power cord, and has an on/off switch located at the base. When using both electrical units at the same time, each unit must be plugged into outlets on separate electrical circuits to prevent the overload and tripping of the circuit breaker. UL-Listed cart includes an automatic timer. **Mosaica Reference Number 130**
- N. **Data Projector Cart 32 1/4 x 24 1/4 x 31 1/4 - 39 1/4 in.** Cabinet Cart with 10-Outlet Electrical Unit features 18-gauge steel top and bottom shelves and connect to the legs with 13-gauge steel mounting brackets and 1/4" square head bolts and hex nuts. Pull out shelves are 18-gauge steel. Top and bottom shelves are 32"W x 24"D. The top shelf is height adjustable from 31-1/4" to 39-1/4" at the time of assembly in 1" increments. The cart also includes a 32"W x 24"D middle shelf and the bottom shelf is enclosed inside a cabinet. Pull out shelves are constructed from 18-gauge steel. The pull out shelf mounts to the bottom of the adjustable top shelf and will always be 4" below the top shelf height with 2" height clearance when closed. Pull out shelves are 13"d and designed for use with a notebook computer and mouse. Pull out shelves will not support heavier equipment. Shelves pull out on smooth rolling glides. Legs are 18-gauge, 1" square tubular steel that mount directly to the top and bottom shelves. ECILS3 middle shelf also mounts directly to the leg assemblies. Each leg has a hard plastic caster insert mounted in the bottom of the tube for caster attachment. The lower cabinet assembly is constructed from 20-gauge steel and is perforated on all sides to ventilate electronics. Cabinet features a rear grommet hole for cord management and dual front doors that secure with a key lock, two keys provided. Locking storage cabinet is 23"D by 30"W, cabinet doors are 12"H. The 10-outlet electrical unit has overload protection, on/off switch and 20' power cord. Data projector carts feature 4" "Quiet Glide" industrial grade stem casters. All casters swivel and two are locking. **Mosaica Reference Number 131**
- O. **Folding Convertible Cafeteria Bench Units** shall have a top surface measuring 8' long x 15" wide. The top surface shall be 29" H (with the option of 27" high when requested) when open for use. Convertible bench units

shall be furnished with {OPTION 1: powder coated frames and uprights, OPTION 2: powder coated frames with chrome plated end leg assemblies}. Table must include one neoprene rubber, tension style coupling device located on the table top frame for ease of operation while joining bench units. Units shall be shipped fully assembled. All leg and frame components shall be epoxy powder coated. (OPTIONAL: End leg assemblies shall be nickel chrome plated with all other metal frame parts epoxy powder coated.) Convertible bench units shall meet the following specifications. Units shall convert from a bench unit with backrest to a bench unit with table top by rotating the table top/backrest into the desired position. The table top/backrest shall automatically lock at both ends of the unit when used as a table unit. Units that lock at only one end are not acceptable. Top/backrest shall consist of high pressure plastic laminate bonded to a 5/8" minimum thick, 47 lb. particleboard core, sealed on the underside with a phenolic sheet. Edges of tops shall be banded with vinyl T molding which is secured by staples to the top's underside approximately every 10". Bench tops shall be furnished with a 3/4" AC grade plywood core. Table tops shall be supported by a formed steel channel frame 1-13/16" deep. Frames shall be secured to the table top with screws placed a maximum of 10" on center. Benches shall be supported by three legs of 1 1/4" diameter, 14 gauge steel tubing that extend to the floor and are capped with neoprene tipped, chrome cushioned glides. Uprights shall be of all welded construction using 1 1/4" diameter, 14 gauge steel tubing for all major structural support members. Four, 3" diameter, 7/8" wide, swivel type casters shall be factory installed. Two casters shall be furnished with locking brakes. Convertible Bench Units shall be covered by a 10-year warranty. **Mosaica Reference Number 008**

- P. **Folding Mobile Cafeteria Tables with attached benches** shall have a top surface measuring approximately 30" wide and {OPTIONAL: 12'-1" or 10'-1" or 8'-1"} long. The top surface shall be {OPTIONAL: 29" or 27"} high when open for use. Each bench unit shall have four benches that simultaneously fold open for use with the table. Bench units shall meet the following specifications. Each bench unit shall have six walk-in entrances. Benches shall be attached to the table structure in a manner that does not significantly obstruct the user from entering the bench unit from the ends or in the center, between the benches. Any metal components located near the floor, where feet may easily come into contact with them, must be chrome plated. All other metal frame components are to be epoxy powder coated. A gravity lock shall firmly lock the table in the open position and must be capable of operation from both sides of the table. The lock rod shall be 7/16" diameter and chrome plated to resist wear. The table shall also be furnished with an intermediate position lock to allow units to be secured in a partially folded position for easier and faster movement during floor maintenance activities. Tops shall consist of high pressure plastic laminate bonded to a 5/8" minimum thick, 47 lb. particleboard core, sealed on the underside with a phenolic sheet. Edges of tops shall be banded with vinyl T molding, secured by staples to the top's underside approximately every 10". Frames shall contain no holes greater than 1/2" diameter and shall be capped with riveted plastic bumpers. Each top shall be supported width-wise in at least two places. Benches shall be supported lengthwise, near their edges, with 1 1/4" deep steel channels and a support of equal or greater strength. Vertical tubes supporting the benches, as well as the horizontal tubes connecting the bench supports to the table legs, shall be constructed of 1 1/4" diameter, 14 gauge steel tubing with 11 gauge tubing used on the base of the end leg assemblies. All other tubular components shall be of 1.05" diameter, 14 gauge steel tubing, or structural members of equal or greater bending strength. Casters shall be heavy-duty, double ball-bearing type with a minimum rated load capacity of 275 lbs. each. Casters shall have hard rubber, non-marking wheels 4" diameter x 1 1/4" wide. Bench units shall be safety tested and listed by Underwriter's Laboratories, Inc. Bench units must display UL labels with a valid UL file number. When the bench unit is open for use, all casters shall lift from the floor automatically so that the table won't roll. Casters that protrude beyond the end of the bench unit (when open for use) are prohibited, to prevent tripping hazards. Bench units shall have no moving parts that can pinch, cut or pierce the operator's hands while the table is being folded up or down. There shall be a gap between the table and bench tops of at least 3/4" to prevent pinched fingers. Mobile Bench Units shall be covered by a 10-year warranty. **Mosaica Reference Number 009**

- Q. **Adjustable Height Computer Table Rectangle 30"X 60"**: The work surface is 60"W X 30"D. The work surface is height adjustable from 24" to 32" meeting ADA requirements. The melamine laminate top is 1" thick, 45 lb. density particleboard with a 1/4" Vinyl PVC "T" molding and a 14-gauge steel apron around the table edge for strength. The back 6" of the work surface is a flip up door that provides top down access to the cord management bin. The 60"W tables have two cord cut out in the door. Flip up doors include a key lock that prevents tampering, two keys are included and all tables are keyed the same. Quattro Voltea tables have telescoping legs are constructed from 1-1/4" 12-gauge steel and 1" 14-gauge steel tubing, attaching to the top using a unique hex/tie bolt assembly. Each leg includes a 1" adjustable leveling glide. An 18-gauge steel cord management bin runs the width of the table and features cord cut outs at each end that allow tables to share power when in rows. Each leg assembly comes with a non-marking floor glide that is adjustable for leveling the table. The work surface is a Grey Mist laminate with PVC T-molding around the edge. On Grey Mist tops the PVC T-molding is available in a matching Quartz. Steel components are finished in a Grey Mist or Black powder paint that resists chipping and scratches. Quattro Voltea tables may be special ordered in any laminate, paint and trim finished offered by Bretford. All Quattro tables are constructed using "prime" steel that has a 25% to 35% post-consumer recycled steel content. The laminate substrate is constructed using a minimal of 40% recycled content. Steel components are finished in a powder paint that is reclaimable and greatly reduces volatile organic compounds. **Mosaica Reference Number 010**

- R. **Adjustable Height Printer Table Rectangle 24"X 30"**: The work surface is 30"W and 24"D. The work surface is height adjustable from 24" to 32" meeting ADA requirements. The melamine laminate top is 1" thick, 45 lb. density particleboard with a 1/4" Vinyl PVC "T" molding and a 14-gauge steel apron around the table edge for strength. The back 6" of the work surface is a flip up door that provides top down access to the cord

management bin. The 30"W tables have one cord cut out in the door. Flip up doors include a key lock that prevents tampering, two keys are included and all tables are keyed the same. Quattro Voltea tables have telescoping legs are constructed from 1-1/4" 12-gauge steel and 1" 14-gauge steel tubing, attaching to the top using a unique hex/tie bolt assembly. Each leg includes a 1" adjustable leveling glide. An 18-gauge steel cord management bin runs the width of the table and features cord cut outs at each end that allow tables to share power when in rows. Each leg assembly comes with a non-marking floor glide that is adjustable for leveling the table. The work surface is a Grey Mist with PVC T-molding around the edge. On Grey Mist tops the PVC T-molding is available in a matching Quartz, Cardinal, Polo or Topaz. Steel components are finished in a Grey Mist or Black powder paint that resists chipping and scratches. All Quattro tables are constructed using "prime" steel that has a 25% to 35% post-consumer recycled steel content. The laminate substrate is constructed using a minimal of 40% recycled content. Steel components are finished in a powder paint that is reclaimable and greatly reduces volatile organic compounds. **Mosaica Reference Number 011**

- S. **High Pressure Laminate Rectangle 30"x 60" Art Table Top fixed 30" H** Premium quality and maximum versatility in one value packed table. Long lasting, satin finish .030 high pressure maple laminate on 1-1/8" thick 45 lb. density particle board, with laminate .020 phenolic backer sheet and matching wood grain safety vinyl T-molding. This laminated top is attached to the frame using an embedded T-Nut method, which will not fail under the heaviest use. Also available with a solid 1-3/4" thick maple top with smooth, safety rounded corners and edges. The base is all solid 1-3/4" thick hardwood with mortise and tenon construction and extra heavy duty bolt reinforced joint connections offering unsurpassed security. Four adjustable glides provide secure and level stability. **Mosaica Reference Number 012**
- T. **High Pressure Laminate Rectangle 30"x 60" with chemical resistant Science Table Top fixed 29.5" H.** Combines the heavy duty strength of steel legs with the excellent chemical resistant qualities of a .030 high pressure maple laminate on 1-1/8" thick 45 lb. density particle board, covered in chemical resistant Wilsonart Chemsurf laminate. It also has a .020 phenolic backer sheet and safety vinyl T-molding. This laminated top is attached to the frame using an embedded T-Nut method, which will not fail under the heaviest use. **Mosaica Reference Number 013**
- U. **Laminator Stand: 27"HX42"WX26"D.** Top and panel are constructed of 3/4" thick industrial grade density, 45 LB, particleboard with a thermofused laminate on top and bottom. Legs are 18-gauge steel. Extra large top (42"W x 26"D) will hold most desktop laminators. Supply rack (25"W) holds pre-laminated items. Film rack accommodates rolls of film up to 27" in width. 2" casters (2 locking) included for mobility. Gray top with gray frame. **Mosaica Reference Number 014**
- V. **2 Shelf Utility Cart 45 1/4"L X 25 7/8"W X 33 1/4" H.** Easy to maneuver. 5" rubber casters (front fixed, rear swivel). 500 LB. Capacity. Perfect for transporting equipment and heavy loads in any environment. Sturdy, structural foam construction won't rust, dent, chip or peel. Rounded corners protect walls and furniture, Lightweight and maneuverable. Large, non-marking casters optional middle shelf available. Length 45 1/4 in 114.9 cm, Width 25 7/8 in 65.7 cm, Height 33 1/4 in 84.5 cm, Mass Capacity [Nom]: 500 lb 226.8 kg Beige. **Mosaica Reference Number 015**
- W. **Mobile Book & Utility Truck 37"W X 18"DX 43"H.** Contemporary metal book trucks shall come with panels and shelves that shall be constructed from 20-gauge CRS. The frame shall be constructed from 1" square, 18-gauge tubing. All steel components shall be painted using an environmentally safe powder coat process. Distance between shelves shall measure 11-1/2" except for the L330 that shall measure 12". Contemporary book trucks shall come with rounded handles and twin-wheel 4" casters, 2 with locking brakes. **Mosaica Reference Number 016**
- X. **Half-Hexagon Workstation - 32H (86-5/8"W x 39"D x 31.25"H).** This 32" or 39" high workstation is roomy enough to accommodate three computers. See **Mosaica Reference Number 003** for detailed material specifications. **Mosaica Reference Number 017**
- Y. **Dual Lab Workstation w/Keyboard Tray and - 30"H x 60"W x 24"D.** Ample space for two computers workstations are 24"D overall. These stations can be stand-alone workstations or joined together in multiple configurations. Stations can be grouped back-to-back, or side-by side. By using a Square or Round Corner Connector, units can be connected in various workgroup configurations. Shelves are fixed. Units come with 6"D backstops and the 15"D Keyboard Shelf is mounted at 27"H. See **Mosaica Reference Number 003** for detailed material specifications. **Mosaica Reference Number 018**

2.4 **Chairs:**

- A. **Teacher Task Chair Task chair 25-1/4"D x 22"W x 37-1/2"H** has black hooded 2" diameter dual wheel caster. Base is black (5) leg, injection molded plastic base. Black heavy gauge steel, 17-4 taper control. Seat is compound-curved shaped blow-molded plastic, 2" thick urethane foam cushion. Back is compound-curved shaped blow-molded plastic, 1 1/2" thick urethane foam cushion. Upholstery is Price Code II BK19 Iron (unless otherwise specified by school location) 100% polyester. Actual chair weight is 21 lbs, shipping weight is 26 lbs. Chair is shipped in a two-piece assembly. Shipping size is 23 3/4" W x 26" D x 16 1/2" H (5.9 cubic ft.). A

pneumatic gas cylinder is used for seat height adjustment of chair. All measurements are per ANSI/BIFMA procedures. **Mosaica Reference Number 019**

- B. **Polyethylene Shell Seat Height 11 1/2"** body is made of heavy-duty, high-density linear polyethylene which is 40% heavier than the overwhelming majority of similar chairs sold today. A special additive is employed to dissipate annoying static electricity. Non-exposed rivets secure the frame to the body's integral ribs. As a result of this design, rivet pullout is virtually eliminated and the chair achieves a clean aesthetic appeal. A crossover leg design with 16-gauge tubular steel and twin steel back supports ensures rigidity, stability and a lifetime of reliable service. The child-safe air vent provides seating comfort and a convenient handgrip for ease of movement. The chain can be stacked in a crisscross pattern 20 high or set upside down on a table. The chair consists of 16-gauge tubular swaged steel, MIG welded with twin 16-gauge back supports. The bright nickel-chromed frame has swivel designed rubber cushioned glides in either nylon or steel. Color Navy **Mosaica Reference Number 116**
- C. **Polypropylene Shell Seat Height 12"** body is made of 100% polypropylene without additives. Non-exposed rivets secure the frame to the body's integral longitudinal ribs. The ribbed back enhances mid to upper-back (thoracic) support to relieve stress and strain, and allows students to change positions with comfort. The child-safe handle opening a convenient handgrip for ease of movement. The chain can be nested and stacked 10 high or set upside down on a table. The chair consists of 18-gauge tubular steel. The bright nickel-chromed frame has swivel designed leveling cushioned glides. Color Azure **Mosaica Reference Number 121**
- D. **Polyethylene Shell Seat Height 13 1/2"** body is made of heavy-duty, high-density linear polyethylene which is 40% heavier than the overwhelming majority of similar chairs sold today. A special additive is employed to dissipate annoying static electricity. Non-exposed rivets secure the frame to the body's integral ribs. As a result of this design, rivet pullout is virtually eliminated and the chair achieves a clean aesthetic appeal. A crossover leg design with 16-gauge tubular steel and twin steel back supports ensures rigidity, stability and a lifetime of reliable service. The child-safe air vent provides seating comfort and a convenient handgrip for ease of movement. The chain can be stacked in a crisscross pattern 20 high or set upside down on a table. The chair consists of 16-gauge tubular swaged steel, MIG welded with twin 16-gauge back supports. The bright nickel-chromed frame has swivel designed rubber cushioned glides in either nylon or steel. Color Navy **Mosaica Reference Number 020**
- E. **Polypropylene Shell Seat Height 14"** body is made of 100% polypropylene without additives. Non-exposed rivets secure the frame to the body's integral longitudinal ribs. The ribbed back enhances mid to upper-back (thoracic) support to relieve stress and strain, and allows students to change positions with comfort. The child-safe handle opening a convenient handgrip for ease of movement. The chain can be nested and stacked 10 high or set upside down on a table. The chair consists of 18-gauge tubular steel. The bright nickel-chromed frame has swivel designed leveling cushioned glides. Color Azure **Mosaica Reference Number 122**
- F. **Polyethylene Shell Seat Height 17 1/2"** body is made of heavy-duty, high-density linear polyethylene which is 40% heavier than the overwhelming majority of similar chairs sold today. A special additive is employed to dissipate annoying static electricity. Non-exposed rivets secure the frame to the body's integral ribs. As a result of this design, rivet pullout is virtually eliminated and the chair achieves a clean aesthetic appeal. A crossover leg design with 16-gauge tubular steel and twin steel back supports ensures rigidity, stability and a lifetime of reliable service. The child-safe air vent provides seating comfort and a convenient handgrip for ease of movement. The chain can be stacked in a crisscross pattern 20 high or set upside down on a table. The chair consists of 16-gauge tubular swaged steel, MIG welded with twin 16-gauge back supports. The bright nickel-chromed frame has swivel designed rubber cushioned glides in either nylon or steel. Color Navy **Mosaica Reference Number 021**
- G. **Polypropylene Shell Seat Height 18"** body is made of 100% polypropylene without additives. Non-exposed rivets secure the frame to the body's integral longitudinal ribs. The ribbed back enhances mid to upper-back (thoracic) support to relieve stress and strain, and allows students to change positions with comfort. The child-safe handle opening a convenient handgrip for ease of movement. The chain can be nested and stacked 10 high or set upside down on a table. The chair consists of 18-gauge tubular steel. The bright nickel-chromed frame has swivel designed leveling cushioned glides. Color Azure **Mosaica Reference Number 123**
- H. **5/8" Solid Plastic Seat & Back Stack Chair - 15 1/2" Seat Height** seat and back are manufactured with full 5/8" Melamine Resin solid plastic. Scratch and stain resistant--virtually maintenance free--Melamine is also self extinguishing for fire safety. Chair consists of 16-gauge tubular swaged steel, MIG welded with continuous-tube, twin 14-gauge steel 15 1/2" models. The bright nickel-chromed steel frame has swivel designed self-leveling rubber cushioned glides available in either nylon or steel. 15 1/2" & 13 1/2"- sled base (extra heavy 14-gauge) band pitch, armrest, swivel casters. 11 1/2" & Adjustable (12" to 16"). Color Navy/Blue **Mosaica Reference Number 022**
- I. **Polypropylene Shell Seat Height 16"** body is made of 100% polypropylene without additives. Non-exposed rivets secure the frame to the body's integral longitudinal ribs. The ribbed back enhances mid to upper-back (thoracic) support to relieve stress and strain, and allows students to change positions with comfort. The child-safe handle opening a convenient handgrip for ease of movement. The chain can be nested and stacked 10

- high or set upside down on a table. The chair consists of 18-gauge tubular steel. The bright nickel-chromed frame has swivel designed leveling cushioned glides. Color Azure **Mosaica Reference Number 124**
- J. **5/8" Solid Plastic Seat & Back Stack Chair - 17 1/2" Seat Height** seat and back are manufactured with full 5/8" Melamine Resin solid plastic. Scratch and stain resistant--virtually maintenance free--Melamine is also self extinguishing for fire safety. Chair consists of 16-gauge tubular swaged steel, MIG welded with continuous-tube, twin 14-gauge steel on the 17 1/2" models with 16-gauge steel. The bright nickel-chromed steel frame has swivel designed self-leveling rubber cushioned glides available in either nylon or steel. 17 1/2"- sled base (extra heavy 14-gauge), band pitch, armrest, swivel casters. 11 1/2" & Adjustable (12" to 16"). Color Navy/Blue. **Mosaica Reference Number 023**
- K. **5/8" Solid Plastic Adjustable 18"-24" Stool** frames and foot rings are constructed from 16-gauge tubular steel and plated for lasting finish with bright nickel-chrome. Seats are manufactured from 5/8" Melamine Resin solid-plastic and attached with nickel-plated steel bolts through the 11-gauge carbon-steel top plate. Adjustable height from 18" to 24". Color Navy/Blue. **Mosaica Reference Number 024**
- L. **Polypropylene Bucket Chair 18" Seat Height 20 7/8"D x 20 3/8" W X 32 1/4" H** feature an ergonomically contoured polypropylene shell that flexes to accommodate different body types. Frame's legs shall be formed from 1" diameter x 15 gauge tubular steel and shall be joined to two 15 gauge steel brackets with a continuous weld at all four connection areas. A 1 gauge leg brace shall be welded to the legs on each side of the chair for added strength and better stacking. In addition, chairs shall have an injection molded polypropylene cover riveted to each leg brace. The unit shall have a one piece, injected molded polypropylene plastic shell featuring a waterfall front edge to promote good circulation in the user's popliteal arches, lower legs and feet. The carefully relieved seat scoop shall help reduce pressure on the sensitive ischial tuberosities, while a generous and flexible thoracic-area surface shall provide many sizes. The gentle lumbar swell in the back shall promote proper reverse curvature of the spine and ensure comfort for a wide range of body types. A hollowed-out "wallet area" shall help prevent uncomfortable pressure on the sacrum and coccyx, and encourage good posture. Color shall be evenly dispersed throughout the plastic for a clean and fresh appearance. Both sides of the shell shall be textured and have an attractive handhold in the upper portion of the back with smooth edges for an ease of carrying chairs. The seat shall have contoured wrap-around flexible ribs, which are dynamically tuned to allow the upper back to flex more easily than the lower sections, a key to combining comfort with support. The seat shall be permanently attached to the frame with six steel rivets in the seating surface. The metal surfaces of the chair shall be available with a chrome or power coat finish. The chairs shall have four inside-holding nylon-base swivel glides, each of which includes a decorative color-accented collar that helps protect the leg and swivel mechanism. Chair colors are Navy for classrooms (unless color specified by school location). **Mosaica Reference Number 025**
- M. **Polypropylene Shell 17 1/2" Seat Height 21 1/4" W X 20 1/2" D X 32 1/4" H** feature a tubular steel 4-leg frame. Chair shell is ergonomically contoured for comfort and flexes to accommodate different body types. The welded steel frame shall consist of identical front and rear legs formed of 7/8" diameter x 13 gauge steel, joined to two 13 gauge steel brackets. A tubular steel U-shaped support formed of 7/8" diameter x 13 gauge steel shall be welded to the front leg. The chair shall have one-piece, injection molded polypropylene plastic shell. Color shall be evenly dispersed throughout the plastic for a clean and fresh appearance. The shell shall have molded reinforcing ribs for strength. Six blind rivets shall be used to attach the shell to the frame. The chair shall incorporate a color-accented nylon glide. Chair colors are Navy for classrooms/ Wine teacher work rooms (unless color specified by school location). **Mosaica Reference Number 026**
- N. **High-back chair 36-1/4"D x 27-1/2"W x 47-5/8"H** with monochromatic hooded 2" diameter dual wheel casters. 5 leg injection molded plastic base. Black heavy gauge steel swivel, swivel tilt, tilt lock, 17-4 taper control. Seat is 1/2" thick, 5-ply curved plywood, 3 1/2" thick contour shaped foam. Back is 1/2" thick, 5-ply curved plywood, 3" thick urethane foam cushion. Arms are plastic loop style. Upholstery is Price Code II Burgundy (unless otherwise specified by school location) 100% polyester. Chair weight 35 lbs shipping weight 44 lbs. Product is shipped knock down tee-pee style. Shipping size 27"W x 38.5"D X 19.5"H (11.73 cubic ft.). A pneumatic gas cylinder is used for seating height adjustment of chair. All measurements are per BIFMA/CMD procedures. **Mosaica Reference Number 027**
- O. **Mid-back chair 27"D x 27-1/2"W x 40-1/2"** with monochromatic hooded 2" diameter dual wheel casters. 5 leg monochromatic base arms are 16 gauge formed steel with plastic base caps. Has a black heavy gauge steel, swivel tilt, tilt lock 17-4 taper control. Seat is 1/2" thick 5-ply plywood 3" thick urethane foam cushion with 1/2" thick visco-elastic foam topper. Back is 1/2" thick 5-ply plywood 3" thick urethane foam cushion. Arms are monochromatic 1" diameter steel and PVC skin over urethane arm rests. Upholstery is Price Code II Burgundy (unless otherwise specified by school location) 100% polyester. Chair weight is 39 lbs, shipping weight is 49 lbs. Product shipped completely assembled. Shipping size 27 3/4"W X 27 1/4" D X 42" H (18.4 cubic ft.). A pneumatic gas cylinder is used for seat height adjustment of chair. All measurements are per ANSI/BIFMA procedures. **Mosaica Reference Number 028**
- P. **Guest chair w/ sled base 25-1/4"D x 25-3/4"W x 35-1/2"H** with clear plastic glides. Frame is constructed of monochromatic 1" round 12 gauge steel tubing. Seat is 1/2" thick 5-ply plywood 3" thick urethane foam cushion with 1/2" thick visco-elastic foam topper. Back is 1/2" thick 5-ply plywood 2" thick urethane foam cushion. Arms are monochromatic 1" diameter steel and PVC skin over urethane arm rests. Upholstery is Price Code II

Burgundy (unless otherwise specified by school location) 100% polyester. Chair weight is 34 lbs. shipping weight is 44lbs product is shipped completely assembled. Shipping size is 27.75" W X 27.25"D X 37.38"H. All measurements are per ANSI/ BIFMA procedures. **Mosaica Reference Number 029**

- Q. **Office Assistant Task chair 28-3/4"D x 23"W x 38-1/4"H** with black hooded 2" diameter dual wheel casters. Base is black 5 legged. Base arms are 16 gauge formed steel with black plastic base cap. Control is black heavy gauge steel 17-4 taper. Seat is compound curved shaped blow-molded plastic 2" thick urethane foam cushion. Back is compound curved shaped blow-molded plastic 1 1/2" thick urethane foam cushion. Upholstery is Price Code II Burgundy (unless otherwise specified by school location) 100% polyester. Chair weight is 25 lbs shipping weight is 30 lbs. Product ships in two-piece assembly. Shipping size is 24" W x 30 3/8"D x 18.50"H (7.8 cubic ft.). A pneumatic gas cylinder is used for seat height adjustment of chair. All measurements are per ANSI/BIFMA procedures. **Mosaica Reference Number 030**
- R. **18"H Library Wooden Sled Base Chair** is constructed of plain selected oak grain stock free from knots, checks or other defects effecting durability or appearance. The finish shall consist of staining to selected finish two coats of sealer and two coats of best grade lacquer. All parts are to be sanded between coats. All joints of the rails and back shall be made with mortise and tenon securely glued. The seat shall be constructed of solid 1 1/32 " glued up lumber and deeply saddled. The edges and corners of the seats shall be machined to a neat round shape. The box frame underneath the seat shall be reinforced at all four corners by heavy wood blocks. Blocks shall be secured to the seat rails by means of glue and screwed tight either to the rail or seat. The back posts are bent to put the back at an angle that will give more support to the lower back region for prolonged sitting periods. The back posts shall be attached to the side rails and bottom sleds by means of a mortise 7/8" tenon joint and glue. The back post shall also be attached to the side rail using a 3" x 5/16" steel bolt and barrel nut for extra holding strength. The stretchers are attached in the same manner. The back is steam bent and fastened using 4 hex head bolts and metal inserts in the back, giving a strong metal to metal connection. All corners and edges of all parts of the chair shall be carefully hand sanded and rounded to remove sharp corners and splinters and shall be smooth to the touch. The bottom of the legs of all chairs can be fitted with rubber cushion glides with bases of stainless steel or nylon. Weight is 25 lbs. Seat Height 17 1/2" Seat size 16 3/4" X 17 3/4" "Seat thickness 1". Back Post 1" x 2 1/4" X 16" Front Post 1" 2 1/4" X 16" Side Post 1" 2 1/4" X 16" Back 5 1/2" W. **Mosaica Reference Number 031**
- S. **18"H Library Sled Bench Upholstered (Fabric)**, All joints of the rails and seat are made with mortise and tenon, securely glued. The seat is constructed of five ply 3/4" plywood. There is a box frame underneath the seat and it is reinforced at all four corners by heavy wood blocks. As with our chairs the tenon on the rail is 7/8" in diameter and made from the end of the rail, not using a separate dowel to connect the rail to the back post. The stretchers are attached in the same manner. All corners and edges of all parts of the chair are carefully hand sanded and rounded to remove sharp corners and splinters and shall be smooth to the touch. The bench is to be 18" in length. An upholstered seat is standard. **Mosaica Reference Number 032**

2.5 Desks:

- A. **Desk w/ double pedestal 30"D x 60"W x 29-1/2"H** High Pressure Writing Surface 1-1/8" particleboard core with plastic backing and Vinyl extrusion edging ideal for high-traffic, heavy use areas. Many Best-in-class improvements now standard. 3/4 height modesty panels. 13-1/2" deep, central locking center drawer standard, with HON "One Key" interchangeable lock cores. Keyed-alike cores ordered separately. Full extension triple-tied cradles on all file drawers provide 21" deep filing capacity. High-sided file drawers accept hanging files without hang rails. Inside Drawer Dimensions: Letter: 12-1/16" x 21-1/16" x 9-5/8" (W-D-H) Box: 11-5/16" x 15-3/16" x 3-15/16" x (W-D-H) Center Drawer 24-5/8" x 13-1/2" x 2-23/64" (W-D-H) Spring-loaded follower blocks are adjustable on 5/8" centers. 3/4 extension box drawers with one divider provide 20" deep filing capacity. Sound-absorbing material for quiet drawer operation. All interior drawer bodies are gray pre-painted steel. Legs shipped unattached. Reinforced, double "O" frame inner structure keeps desk solid and sturdy for years of use. Meets or exceeds ANSI/BIFMA and ISTA performance standards. Pedestal Construction uses 4 vertical channels, the outboard leg construction consists of Outside/Inside steel panels. The composite/core consists of a Honeycomb Panel 69-33-69 (69 lb. Backers, 33 lb. Inner Medium, 69 lb. Backer) Adhesive: Polyurethane Reactive Hotmelt Level Screw: 7/8" Hex Base with 3/8" x 16" Threaded Stem. The drawer construction for box drawer (non-suspension) uses nylon rollers. The letter drawer includes a follower block, and the center drawer operates with ball bearing slides. The leg assembly is constructed of 1"X1" economy bright chrome finished welded steel tubing with nylon leg locators using 7/8" hex Base with 3/8" x 16 Thread Stem, Screw extension is 5/8". The Desk features thin Line, Bright Chrome Plated, Aluminum Extruded Drawer Pulls, automatic Positive Locking Side Action Follower adjustable on 5/8" Centers, and Follower Slides Easily in Channels at Top of Drawer Slides. The Overall pedestal locking mechanism is controlled by Paracentric Two-Point Center Drawer Lock lockbar. The desk also features a full cradle tied suspension with 4 Nylon Rollers and 6 Nylon -Tired Ball Bearing. The finish is backed enamel over phosphatizing prime rust-proofing treatment. The Sound Deadening Material on Inside of Pedestal File Drawers have high drawer slides which maybe used for hanging file folders without the use of hangrails. **Mosaica Reference Number 033**
- B. **Adjustable Open Front Desk with Solid Plastic Top and Metal Book Box 18" x 24"** are designed with high-carbon, 16-gauge tubular swaged steel legs. These legs are individually nickel-chromed and MIG welded for added beauty, strength and durability. The book boxes are manufactured of strong 20-gauge steel. Their

embossed bottoms dampen noise and increase their rigidity. On the open front designs, the rolled edges are wire-reinforced for added strength, safety and good looks. To meet the needs of any age or size student the adjustable height provides for a seven-inch range of adjustment-22" to 29"-in one-inch increments. The crossbraced, U-shaped 16-gauge legs are totally self-supporting. And the dual bolt attachments on the threaded 16-gauge leg inserts ensure security and stability at each height adjustment. The work/writing area on this series is a generous 18" x 24". The cross-braced U-shaped adjustable 16-gauge steel legs are bright nickel-chromed for lifetime good looks and minimal maintenance. The desk consists of 1 1/4" 16-gauge tubular chromed-steel cross-braced and MIG welded to the U-shaped upper legs. The 1 1/16" threaded inserts are tubular swaged chrome steel with dual high-quality 3/4" x 1/4" bolt attachments. The desk comes with one adjustable and three swivel designed self-leveling, rubber cushioned glides in either nylon or steel. Solid Beige (Desktop Only) **Mosaica Reference Number 034**

- C. **Adjustable 22" to 29" Student Lecture Desk With Solid Plastic Top 19" x 26"** The writing surface is 19" x 26" and is adjustable in height from 22" to 29" in one-inch increments. This desk has crossbraced, U-shaped 16-gauge legs that are totally self supporting. For security and stability at all heights, dual bolt attachments are used on the threaded, chromed steel leg inserts. The desk consists of a self supporting frame of 1 1/4" tubular chromed steel MIG welded to the Clearview Compartment. The leg inserts are threaded 1 1/16" 16-gauge tubular swaged chrome steel with dual high-quality 3/4" x 1/4" bolt attachments. One adjustable and three self-leveling rubber cushioned glides are available in either nylon or steel. Solid Beige (Desktop Only) **Mosaica Reference Number 035**
- D. **Adjustable-height bowfront desk 22 3/4"DX 31 5/8" W 22"-32"H** features an elegantly contoured bowfront profile for comfortable work surface access. The unit features an adjustable-height Martest 21 hard plastic work surface. The desk frame shall consist of four upper legs. The upper legs shall consist of 1 1/8" X 19 gauge steel tubes each of which shall be welded 360 degrees to the 8 gauge formed steel plate. Each upper leg shall be attached to the underside of the work surface with nine #10 x 3/4" screws. The lower leg assembly shall consist of an injection-molded glide insert installed into a 1" x 19" gauge chrome plated steel tube. Legs shall adjust work surface height from 22" to 32" in one-inch increments. A positive locking device and set screw shall engage each upper and lower leg. The desk shall feature a 5/8" thick Martest 21 high-impact hard plastic work surface, which shall be molded into a homogenous unit by heat and pressure. The hard plastic work surface shall include a pencil groove. Each leg shall have a steel-base swivel glide with an injection-molded 1 3/8" diameter polypropylene sleeve. Glides shall have an adjustment range of approximately 1" to help level desks on uneven floors. The desk's standard upper frame shall be available with a powder coat finish. Standard lower legs shall be chromed. **Mosaica Reference Number 036**
- E. **Desk w/ single pedestal 48" W x 30" D x 29-1/2" H** High Pressure Writing Surface with a 1-1/8" particleboard core. Backing is plastic with Vinyl extrusion edging which is ideal for high-traffic, heavy use areas. Overall dimensions are 14-57/64" x 28-7/8" x 19" (W-D-H). Inside Drawer Dimensions are Letter: 12-1/16" x 21-1/16" x 9-5/8" (W-D-H) Box: 11-5/16" x 15-3/16" x 3-15/16" x (W-D-H). The Center Drawer dimensions are 19" x 13-1/2" x 2-23/64" (W-D-H). The 13-1/2" deep, central locking center drawer standard, with HON "One Key" interchangeable lock cores. Keyed-alike cores ordered separately. Full extension triple-tied cradles on all file drawers provide 21" deep filing capacity. High-sided file drawers accept hanging files without hang rails. Spring-loaded follower blocks are adjustable on 5/8" centers. 3/4 extension box drawers with one divider provide 20" deep filing capacity and are constructed with sound-absorbing material for quiet drawer operation. All interior drawer bodies are gray pre-painted steel. Legs shipped unattached. Pedestal construction consists of 4 vertical channels. The outboard leg is constructed with outside/inside steel panels a composite core of honeycomb panel 69-33-69 (69 lb. Backers, 33 lb. Inner Medium, 69 lb. Backer) a : polyurethane reactive hotmelt adhesive, and 7/8" hex base with 3/8" x 16" threaded stem level screws. Reinforced, double "O" frame inner structure keeps desk solid and sturdy for years of use The Desk features thin Line, Bright Chrome Plated, Aluminum Extruded Drawer Pulls, automatic Positive Locking Side Action Follower adjustable on 5/8" Centers, and Follower Slides Easily in Channels at Top of Drawer Slides. The Overall pedestal locking mechanism is controlled by by Paracentric Two-Point Center Drawer Lock lockbar. The desk also features a full cradle tied suspension with 4 Nylon Rollers and 6 Nylon -Tired Ball Bearing. The finish is backed enamel over phosphatizing prime rust-proofing treatment. The Sound Deadening Material on Inside of Pedestal File Drawers have high drawer slides which maybe used for hanging file folders without the use of hangrails. Meets or exceeds ANSI/BIFMA and ISTA performance standards. **Mosaica Reference Number 037**
- F. **BowFront Laminate Desk 60" W x 36" D x 29-1/2" H** are 5-sided construction, which allows easy drawer alignment or removal of drawer fronts. Adjustable hex leveling glides allow floor-standing furniture to be easily leveled without lifting the unit; glides have 3/4" adjustable range. Tops and end panels are abrasion- and stain-resistant thermal-fused laminate over durable 1-1/8" solid core high-density particleboard; resists warping. The surface is comprised of 1-1/8" thick particleboard with melamine surface top and bottom, 2mm PVC edge banding around all four edges. Top dimensions – 59-15/16" x 35-7/8"(W-D) The end panels are comprised of 1-1/8" particleboard cores with melamine both front and back, .5mm PVC edge banding the two side edges and .8mm (edge trim on bottom). End panel dimensions are 29-7/8"x 28-1/8" (W-H)The skirt dimensions are 3/4"particleboard cores with melamine both front and back Skirt dimensions- 57-19/32"x 28-7/32" (W-H) Lateral file drawers are 4-sided construction. Box drawers operate on ball-bearing suspension with 3/4 extension. File

drawers operate on ball-bearing suspension with full extension. Hang rails are provided in all file drawers for side-to-side letter and legal filing; and front-to-back for letter filing. The box drawer material is 3/4" thick particleboard with melamine both front and back .5mm PVC edge banding on both sides and top (sides are 7/16" thick fiberboard, 3-5/8"H) (back is 7/16" thick fiberboard, 3-5/8"H) (bottom is 3/16" thick printed hardboard) (sub-front is 7/16" thick fiberboard, 3-5/8"H). Construction of sides consists of mortise/tenon into drawer front, stapled to back and sub-front at corners. Bottom fits into slots on sides. The file drawer material is comprised of 3/4" thick particleboard with melamine both front and back .5mm and edge banding on both sides and top. (Sides and back 7/16"thick fiberboard, 9-1/2" H) (bottom 3/16" thick printed hardboard (sub-front 7/16"thick fiberboard, 9-1/2"H). The construction of sides consists of mortise/tenon into drawer front, stapled to back and sub-front at corners bottom of drawer fir into slots on sides. Cord management grommets, for routing and hiding wires and cables, are located in the tops of desks, returns, bridges and corner units. The grommets are located 3- 31/32" from the sides of the desk, 23" from the front edge of the desk, and are 52" apart from each other. 10500 Series wood produce meets or exceeds ISTA shipping and ANIS/BIFMA X 5.5 testing requirements for office furniture. All particleboard is ANSI grade IM3 or better. Color Should be Oxide Laminate with Bourbon Cherry Finish (unless otherwise specified by school location) **Mosaica Reference Number 038**

- G. **Laminate Desk 60" W x 30" D x 29-1/2" H** are 5-sided construction, which allows easy drawer alignment or removal of drawer fronts. Adjustable hex leveling glides allow floor-standing furniture to be easily leveled without lifting the unit; glides have 3/4" adjustable range. Tops and end panels are abrasion- and stain-resistant thermal-fused laminate over durable 1-1/8" solid core high-density particleboard; resists warping. The surface is comprised of 1-1/8" thick particleboard with melamine surface top and bottom, 2mm PVC edge banding around all four edges. Top dimensions – 59-15/16" x 35-7/8"(W-D) The end panels are comprised of 1-1/8" particleboard cores with melamine both front and back, .5mm PVC edge banding the two side edges and .8mm (edge trim on bottom). End panel dimensions are 29-7/8"x 28-1/8" (W-H)The skirt dimensions are 3/4"particleboard cores with melamine both front and back Skirt dimensions- 57-19/32"x 28-7/32" (W-H) Lateral file drawers are 4-sided construction. Box drawers operate on ball-bearing suspension with 3/4 extension. File drawers operate on ball-bearing suspension with full extension. Hang rails are provided in all file drawers for side-to-side letter and legal filing; and front-to-back for letter filing. The box drawer material is 3/4" thick particleboard with melamine both front and back .5mm PVC edge banding on both sides and top (sides are 7/16" thick fiberboard, 3-5/8"H) (back is 7/16" thick fiberboard, 3-5/8"H) (bottom is 3/16" thick printed hardboard) (sub-front is 7/16" thick fiberboard, 3-5/8"H). Construction of sides consists of mortise/tenon into drawer front, stapled to back and sub-front at corners. Bottom fits into slots on sides. The file drawer material is comprised of 3/4"thick particleboard with melamine both front and back .5mm and edge banding on both sides and top. (Sides and back 7/16"thick fiberboard, 9-1/2" H) (bottom 3/16"thick printed hardboard (sub-front 7/16"thick fiberboard, 9-1/2"H). The construction of sides consists of mortise/tenon into drawer front, stapled to back and sub-front at corners bottom of drawer fir into slots on sides. Cord management grommets, for routing and hiding wires and cables, are located in the tops of desks, returns, bridges and corner units. The grommets are located 3- 31/32" from the sides of the desk, 23" from the front edge of the desk, and are 52" apart from each other. 10500 Series wood produce meets or exceeds ISTA shipping and ANIS/BIFMA X 5.5 testing requirements for office furniture. All particleboard is ANSI grade IM3 or better. Color Should be a Bourbon Cherry Finish (unless otherwise specified by school location) **Mosaica Reference Number 039**
- H. **Built-up Desks- 3/4 Height Single Pedestal Right 66" W x 30" D x 29-1/2" H.** Desk Fronts are 3/4" thick particleboard with melamine both front and back .5mm PVC edge banding on both sides and top, sides are 7/16" thick fiberboard, 3-5/8" high, backs are 7/16" thick fiberboard, 3-5/8" high, bottoms are 3/16" thick printed hardboard, and the sub-fronts are 7/16" thick fiberboard, 3-5/8" high. Desk Sides are constructed of mortise/tenon into drawer front, stapled to back and sub-front at corners. Bottom fits into slots on sides. The file drawer fronts are 3/4"thick particleboard with melamine both front and back .5mm edge banding on both sides and top, the sides are 7/16"thick fiberboard, 9-1/2" high the backs are 7/16"thick fiberboard, 9-1/2" high the bottoms are 3/16"thick printed hardboard, and the sub-fronts are 7/16"thick fiberboard, 9-1/2" high. The file drawers sides are constructed of mortise/tenon into drawer front, stapled to back and sub-front at corners. The bottom of the drawer firs into the slots on sides. The hardware needed is the Hang rail Pack-262-4107, Product Pack- 262-3130 This model features a 4-1/2" Approach Side Top Overhang, 3/4" Adjustable Glides, 3/4" Extension Ball Bearing Box Drawer Slide, Full Extension ball Bearing File Drawer Slide, File Drawer: Letter and legal width side to side filing, and a letter width front to back filing. Hang rails are provided for all file drawers. Use Hanging folders with a maximum height of 9-3/4". Also provided is a Lock #: 50-5575. All wood produce meets or exceeds ISTA shipping and ANIS/BIFMA X5.5 (latest Rev.) testing requirements for office furniture. All particleboard is ANSI grade IM3 or better. **Mosaica Reference Number 040**
- I. **Built-up Desks- 3/4 Height Single Pedestal Left Return 42"W x 24"D x 29-1/2"H.** Top is constructed of 1-1/8" thick particleboard with melamine surface top and bottom, 2 mm PVC with edge banding around all four edges the top dimensions are 42-17/64"W x 23-7/8"D with solid hardwood top end caps The end Panels are 1-1/8" particleboard core with melamine both front and back .5mm PVC with edge banding on the two side edges and .8mm (edge trim on bottom). The end panel dimensions –23-7/8"W x 28-1/8"H. The full height skirt is a 3/4" particleboard with melamine both front and back. The skirt dimensions are 41-5/64"W x 28-7/32"H. The inside panel is a 3/4" particleboard with melamine both front and back. The box drawer material fronts are a 3/4" thick particleboard with melamine both front and back .5mm PVC edge banding on both sides and top, the sides are 7/16" thick fiberboard, 3-5/8"H, the backs are 7/16" thick fiberboard, 3-5/8"H, the bottoms are 3/16" thick printed hardboard, and the sub-fronts are 7/16" thick fiberboard, 3-5/8"H. The drawer sides are constructed of mortise/tenon into drawer front, stapled to back and sub-front at corners. Bottom fits into slots on sides. The file

drawer material fronts are 3/4" thick particleboard with melamine both front and back. 5mm edge banding on both sides and top, the sides are 7/16" thick fiberboard, 9-1/2" H, the back is 7/16" thick fiberboard, 9-1/2" H, the bottom is 3/16" thick printed hardboard, and the sub-front is 7/16" thick fiberboard, 9-1/2" H. The drawer sides are constructed of mortise/tenon into drawer front, stapled to back and sub-front at corners. Bottom fits into slots on sides. The grommet location is 23-1/64" from the left edge of top, and 19-7/8" from the front edge of top. The hardware used is Hardware Pack-251-1365 and Hang rail Pack-262-4100. This model features 3/4" Adjustable Glides, 3/4" Full extension Ball Bearing File Drawer, and Slide Extension Ball Bearing Box Drawer Slide. Wood product meets and exceeds ISTA Shipping and ANSI/BIFMA X5.5 (latest Rev.) testing requirements for furniture. All particleboard is ANSI grade IM3 or better. **Mosaica Reference Number 041**

- J. **Library Circulation Desk Specifications** are built using a modular format allowing the flexibility to create an efficient work environment. All pieces are available in 32' working height; too help with varying age groups select pieces have also been design in 29" and 39" heights. All circulation pieces use a 1" thermal-fused laminate top and side panels for strength and durability. Internal parts, backs, toe kicks... are constructed from 3/4" thermal-fused laminate. Assembly is preformed on site using a cam and post joint that has been reinforce with a hardwood dowel. All exposed edges are banded using a matched 3mm PVC Edge banding. (Ironwood can provide 3-D drawings of a proposed Circulation desk)
- 1) **EXPOSED EDGES** are edge banded with 3mm PVC—color matched to the frame and hardware unless otherwise noted. Finish is smooth and without visual defect. Visual defects are evaluated by observing the edge banding at a distance of three feet. Primer is applied and covers 100% of the underside surface. The presence of primer can be visually verified. The thickness will not vary more than -.012" or +.007". Impact resistance is 20 pounds per inch (minimum).
 - 2) **FASTENERS** used for attaching hardware are either supplied by the vendor or are independently acquired and exceed specifications for the application. Fasteners used for cabinet construction will be an auger point, steep-pitched, wide-spaced thread screw—specially made for use in particleboard—with a Quadrex™ (Phillips/Square) drive to allow use of a Phillips screwdriver for work in the field.
 - 3) **PANELS** consist of 47 #, industrial grade particleboard—thermal-fused on both faces with decorative melamine laminate. Typical panel performance meets or exceeds NEMA LD3-1991-GP28 and ALA minimum requirements. Melamine panels also conform to standards set by KCMA, WIC, and CSA. Tops, sides, bottoms, and shelves (adjustable and fixed) are a minimum of 1" in thickness. Toe Boards and finished backs are 3/4" in thickness. **Mosaica Reference Number 042**
- K. **Circulation Desk Book Return Unit - 32H (36"W x 30.1"D x 32.1"H)** shell has one return slot and accommodates one Book Drop Cart. This unit is 36"W x 30"D x 39"H. Book and Media Return units are designed for durability to protect library materials. The depository opening is 2-3/4"H x 19 1/2"W and trimmed in black molded plastic to prevent edge wear. For detailed material specifications refer to **Mosaica Reference Number 042** Library Circulation Desk Specifications. **Mosaica Reference Number 043**
- L. **Circulation Desk 36"W Riser Unit (36"W x 10"D x 10"H)** offer privacy while providing a place to stack library materials or they can function as a stand-up writing surface. Use the CD36R with a 36"W Desk Shell. For detailed material specifications refer to **Mosaica Reference Number 042** Library Circulation Desk Specifications. **Mosaica Reference Number 044**
- M. **Circulation Mobile Book Drop Cart, 3" Industrial Casters, Soft Nylon Bag Receptacle 26 1/8"W x 24 3/8" Dx 24 3/8"H** features a suspended, heavy nylon bag, black plastic protective strips on the vertical edge, and 3" easy-roll industrial swivel casters. The soft drop bag provides cushioning as books are added. Cart has a free hanging handle for easy moving. For detailed material specifications refer to **Mosaica Reference Number 042** Library Circulation Desk Specifications. **Mosaica Reference Number 045**
- N. **Circulation Desk Square Corner Connector Unit - 32H (30"W x 31.1"D x 32.1"H)** workspace surface, at 32"/39" heights. Connectors are necessary for creating "L" or "U" configurations. For detailed material specifications refer to **Mosaica Reference Number 042** Library Circulation Desk Specifications. **Mosaica Reference Number 046**
- O. **Circulation Desk Square Corner Unit Riser (31"W x 31"D x 10"H)** offers privacy while providing a place to stack library materials or they can function as a stand-up writing surface. Use the CDCCR with a Square Corner Connector (CDCC). For detailed material specifications refer to **Mosaica Reference Number 042** Library Circulation Desk Specifications. **Mosaica Reference Number 047**
- P. **Circulation Desk 60W x 32H Desk Shell (60"W x 30"D x 32.1"H)** has leveler glide feet for height adjustments which are standard on all units. Plastic capped grommets are positioned on the top and side of each unit. For detailed material specifications refer to **Mosaica Reference Number 042** Library Circulation Desk Specifications. **Mosaica Reference Number 048**
- Q. **Circulation Desk 60"W Riser Unit (60"W x 10"D x 10"H)** offer privacy while providing a place to stack library materials or they can function as a stand-up writing surface. Use the CD60R with a 60"W Desk Shell. For detailed material specifications refer to **Mosaica Reference Number 042** Library Circulation Desk Specifications. **Mosaica Reference Number 049**

- R. **Circulation Desk 2-Drawer Hanging Pedestal Box/File (15 1/2"W X 20 1/2"D X 20 1/2"H)** attaches under the desk. Cabinet includes a rotating, plastic organizer tray. The file drawer is equipped to hold hanging files. For detailed material specifications refer to **Mosaica Reference Number 042** Library Circulation Desk Specifications. **Mosaica Reference Number 050**
- S. **Circulation Desk Tower Work Station - 32H (36"W x 30.1"D x 32.1"H)** housed in a shell of the same dimensions as the 36"W Desk Shell, this workstation makes efficient use of space, incorporating slide-out shelves for keyboard and printer, and a well for a tower style CPU. The desktop allows room for any size monitor. Leveler glide feet for height adjustments are standard on all units. Plastic capped grommets are positioned on the top and side of each unit. For detailed material specifications refer to **Mosaica Reference Number 042** Library Circulation Desk Specifications. **Mosaica Reference Number 051**
- T. **Circulation Desk Accessory Pencil Drawer For 60"W X 32"H Desk Shell (23 1/4"W X 17"D X 2" H)** For detailed material specifications refer to **Mosaica Reference Number 042** Library Circulation Desk Specifications. **Mosaica Reference Number 052**

2.6 Storage:

- A. **Vertical file (2-drawer, letter size) 25"D x 15"W x 29"H** Outside case dimensions are 14-15/16"W x 25-1/16" D X 28 63/64"H Inside Drawer Dimensions are 12-1/16"W x 23-15/16"D x 10 11/16"H. The construction of the case is welded, with welded front corners on top with four vertical uprights, a single piece kick plate/corner gusset, a single piece back reinforcement channel/gusset, a kick plate and rear reinforcing channel wrap under case. The drawer construction is also welded with polypropylene filler and high sides. The files are suspension files in letter and legal widths, with locks. Hardware includes bright aluminum door pulls, thumb latches, and label holders. Other features include spring operated thump latch on drawers, positive locking side action followers, spring actuated adjustable on 5/8" centers, full cradle, triple tied suspension with 10 nylon rollers, and core removable cam lock with link to lock bar, 2 keys per lock supplied. The finish is baked enamel over phosphatizing prime rust-proofing treatment. High drawer sides accommodate hanging file folders without hang rails. All HON products are shipped with the HON logo on the front. Models meet or exceed ANSI/BIFMA and ISTA performance standards. Putty Finish **Mosaica Reference Number 053**
- B. **Locking Storage Cabinet 36 1/16"W x 18 1/4"D x 71 11/16"H** Outside Case Dimensions are 36-1/16"W x 18-1/4"D x 71-11/16"H and the inside Case Dimensions are 35-13/16"W x 17-1/8"D x 69-5/8"H. The construction of the case is pre-painted steel. All models have three point locking as well as adjusting shelves. The hardware consists of chrome plated locking and non-locking handles and nickel plated hinges. The shelves are adjustable on a 2" center and on 4" increments. Shelf tested to 180 lbs. The doors have a stiffener for rigidity, and a 3 point locking system on doors, lock is core removable to allow for keying alike. Two keys are provided. There are 2 Adjustable leveling glides, located at the front of the unit. All case components are made from pre-painted cold rolled steel is constructed mechanically and with adhesive construction, packaged with stretch wrap and shipped with HON logo on front. Meets or exceeds ANSI/BIFMA and ISTA standards. **Mosaica Reference Number 054**
- C. **30 Paper-Tray Cubbie without paper-trays 60"W x 15"D x 35 1/2"H cubbie holes are 11 1/4" W x 14" D x 4 1/2"H.** is framed in thirteen-ply 3/4" Baltic birch. Center shelf and dividers are nine-ply 1/2" Baltic birch (particleboard is not acceptable). Construction employs the dowel pin technique. This leaves the thickness of the material intact where most of the stress occurs which increases the already noteworthy strength of the furniture by 30% or more. All edges, front, back, and base are fully rounded to create safe edges. Recessed backs enhance the strength and appearance. The finish is as tuff as the coating used on gym floors resists stains won't yellow and is E-Z to clean. Birch units come with a heat-treated pegboard as the standard back, which resists moisture, chipping and cracking, and uses standard pegboard hardware. Hardboard backs can be substituted for pegboard backs at no additional charge. This unit has mounted caster brackets that are factory installed with kick plates which adds triangular strength to corners where most stress occurs. There is a lifetime warranty on this product **Mosaica Reference Number 055**
- D. **Coat Locker small wall mount seven double coat hooks on birch plywood 48"L x 4"H** Construction employs the dowel pin technique. This leaves the thickness of the material intact where most of the stress occurs which increases the already noteworthy strength of the furniture by 30% or more. All edges, front, back, and base are fully rounded to create safe edges. Recessed backs enhance the strength and appearance. The finish is as tuff as the coating used on gym floors resists stains won't yellow and is E-Z to clean. This unit is constructed with seven double coat hooks per mount. There is a lifetime warranty on this product. **Mosaica Reference Number 056**
- E. **Low Single Mobile Storage Unit 48" W x 15" D x 29 1/2" H** is framed in thirteen-ply 3/4" Baltic birch. Center shelf and dividers are nine-ply 1/2" Baltic birch (particleboard is not acceptable) with a total of five compartments. Construction employs the dowel pin technique. This leaves the thickness of the material intact where most of the stress occurs which increases the already noteworthy strength of the furniture by 30% or more. All edges, front, back, and base are fully rounded to create safe edges. Recessed backs enhance the strength and appearance. The finish is as tuff as the coating used on gym floors resists stains won't yellow and is E-Z to clean. Birch units come with a heat-treated pegboard as the standard back, which resists moisture, chipping

and cracking, and uses standard pegboard hardware. Hardboard backs can be substituted for pegboard backs at no additional charge. This unit has mounted caster brackets that are factory installed with kick plates which adds triangular strength to corners where most stress occurs. There is a lifetime warranty on this product. The unit is hand sanded and two coats of non-toxic coating are applied, providing a hard, clear, superior natural finish. **Mosaica Reference Number 057**

- F. **25 Tray Mobile Cubbie with colored trays 48" W x 15" D x 35½" H** Cubbie hole size is 8-3/4"Wx15"Dx8-1/2"H. Trays are 8¾" W x 13½"D x 5¼"H in green, yellow, blue, white and red. Unit is framed in thirteen-ply ¾" Baltic birch. Center shelf and dividers are nine-ply ½" Baltic birch (particleboard is not acceptable with a total of five compartments. Construction employs the dowel pin technique. This leaves the thickness of the material intact where most of the stress occurs which increases the already noteworthy strength of the furniture by 30% or more. All edges, front, back, and base are fully rounded to create safe edges. Recessed backs enhance the strength and appearance. The finish is as tuff as the coating used on gym floors resists stains won't yellow and is E-Z to clean. Birch units come with a heat-treated pegboard as the standard back, which resists moisture, chipping and cracking, and uses standard pegboard hardware. Hardboard backs can be substituted for pegboard backs at no additional charge. Unit is hand sanded and two coats of non-toxic coating are applied, providing a hard, clear, superior natural finish. This unit has mounted caster brackets that are factory installed with kick plates which adds triangular strength to corners where most stress occurs. There is a lifetime warranty on this product. **Mosaica Reference Number 058**
- G. **Cubbie Tray:** Super strong tote trays with lids for indoor use. Childproof, non-toxic and impact resistant. Ideal for storage in the classroom. Available with or without lids. 8¾" wide x 13½" deep x 5¼" high. **Mosaica Reference Number 059**
- H. **Laminate Lateral File 36" W x 20" D x 29-7/8" H.** The nominal dimensions are 36"W x 20"D x 29-1/2"H and the actual dimensions are 36-1/16"W x 19-7/8"D x 29-7/8"H. The top is 11/8" thick particleboard with melamine surface top and the bottom is 2mm PVC edge banding around all four edges. The top panel dimensions are 36-1/16"W x 19-7/8"D. The end panel is 3/4" particleboard with melamine both front and back and .5 mm edge banding each on side and .8 mm edge-trim on bottom. The end Panel Dimensions are 19 7/8"Wx 28-1/8"H. The back is 3/4" particleboard with melamine both front and back. The back dimensions are 33 23/31"Wx 27-31/32"H. The inside panel is 3/4"particleboard with melamine both front and back. The lateral drawer material front is 3/4"thick particleboard with melamine both front and back .5mm edge banding on both sides, access pull on either top or bottom, and opposite side .5 mm banding 33-7/16"W x 12-1/16H, the sides and back and sub-front are 7/16" thick fiberboard, 9-1/2"H and the bottom is 3/16" thick printed hardboard. Sides are mortise/tenon into drawer front, stapled to back and sub-front at corners. Bottom fits into slots on sides. Hardware used is Product Pack-262-7741 and Hangrail Pack-262-4110. Drawers operate on ball-bearing suspension with 3/4 extension. File drawers operate on ball-bearing suspension with full extension. Hang rails are provided in all file drawers for side-to-side letter and legal filing; and front-to-back for letter filing. Adjustable hex leveling glides allow floor-standing furniture to be easily leveled without lifting the unit; glides have 3/4" adjustable range. Meets or exceeds ANSI/BIFMA and ISTA performance standards. Color Should be Oxide Laminate with Bourbon Cherry Finish for the CAO and Bourbon Cherry Finish for the PF (unless otherwise specified by school location) **Mosaica Reference Number 060**
- I. **Lateral File 36" W x 19-1/4" D x 53-1/4" H 4 Drawer (with lock)** have inside drawer dimensions of 36" W 33" x 16"D x 11-1/4"H. The top has welded front corners with one knockout per side and two in rear. There are four vertical uprights. Counterweights are included. The bottom has welded front corners with a base stiffener and a horizontal crosspiece. The door hinge bracket is glass reinforced nylon with nylon rollers. The door stop has 2 nylon pads with four rubber door bumpers for each door and 2 hang rails per drawer-adjustable for side to side filing. The lateral files are telescoping suspension files with full depth drawers. Adjustable hang rails are provided (2 per drawer or rolling shelf) to accommodate letter and legal sized side to side filing. The features include recessed drawer pull/label holder, bright anodized aluminum hardware, 2 adjustable hang rails per drawer for side to side filing, 4 adjustable leveling glides with slotted hex head for screwdriver or ¼" 6 point socket-wrench, telescoping zinc plated, 3 part telescoping slide suspension operating on steel ball bearings integrals with mechanical interlock on left hand side of case, Drawer extension restraint, and a mechanical interlock which engages one side of drawer or roll out shelf to prevent extension of two or more drawers at the same time with a core removable cylinder lock activating segmented lock/interlock bars which engage both sides of the drawer or door (2 keys per lock supplied). The finish is baked enamel over phosphatizing prime rust inhibiting treatment. Meets or exceeds ANSI/BIFMA and ISTA performance standards. Putty Finish. **Mosaica Reference Number 061**
- J. **Laminate Storage Cabinet w/ Locking Doors 36" W x 20" D x 29-1/2" H** has an actual dimension of 36 1/16"W x 19-7/8"D x 29-7/8"H. The inside storage space has two compartments 33 23/32"W x 12-11/16"D x 12-9/32"H. The top is 1-1/8" thick particleboard with melamine surface top and bottom, 2mm PVC edge banding around all four edges. The top dimensions are 36 1/16"W x 19-7/8"D The end panels are 1-1/8" particleboard cores with melamine both front and back with .5mm PVC edge banding on the two side edges and .8mm (edge trim on bottom). The end panel dimensions are 19 27/32"Wx 28 1/8"H. The back is 3/4" particleboard with melamine both front and back and .5 mm edge banding on side. The back dimensions are 33 23/32"Wx 27-31/32"H. The shelf is 3/4" particleboard with melamine both front and back. The bottom shelf dimensions are 33 23/32"W x 18-13/64"D. The adjustable shelf dimensions are 33 45/64"W x 12 45/64" D They Adjusts in 1-1/4" increments with a total range of 6-1/4". The doors are 3/4"particleboard core and are impact resistant with a

thermally fused laminate decorative cover. The door dimensions are 16-46/64"W x 3 1/4"D x 25-7/64"H. The Hardware used is Hardware Pack-251-1506, Product Pack-262-7740, Shelf Pack-262-3546. Box drawers operate on ball-bearing suspension with 3/4 extension. File drawers operate on ball-bearing suspension with full extension. Hang rails are provided in all file drawers for side-to-side letter and legal filing; and front-to-back for letter filing. Adjustable hex leveling glides allow floor-standing furniture to be easily leveled without lifting the unit; glides have 3/4" adjustable range. Meets or exceeds ANSI/BIFMA and ISTA performance standards. Doors Must lock. Finish must match conference table finish specified by school location. **Mosaica Reference Number 062**

- K. **36" W x 14-5/8" D x 37-1/8" H Bookcase Hutch for Storage Cabinet w/ Doors** have actual dimensions of 19-15/16"W x 19-45/64"D x 14-1/8"H. The top storage space is 33-23/32"W x 13-49/64"D x 12"H, the middle storage space is 33-23/32"W x 13-49/64"D x 10-23/32"H, and the bottom storage space is 33-23/32"W x 13-49/64"D x 11-3/4"H. The top is 1-1/8" thick particleboard with melamine on both sides and 2mm edge banding on all four edges. The top panel dimensions are 36 19/32"W x 14-5/8"D. The end panels are 1-1/8" thick particleboard with melamine on both sides and .5mm edge banding on bottom and two side edges. The end panel dimensions are 14-5/8"W x 35-29/32"H. The adjustable shelves are 3/4" particleboard cores with melamine on both sides with .5mm edge banding on the front edges. The adjustable shelf dimensions are 33-45/64"W x 12" H. Backs are 3/4" particleboard cores with melamine on both sides. The Back dimensions are 33-23/32"W x 34-7/8"H. This item is to be placed on top of the storage cabinet and purchased for use with the storage cabinet only. It is to have the same finish as the rest of the furniture in the conference room and is to be specified by the school location at the time of order. **Mosaica Reference Number 063**

- L. **Literature Organizer, 24 Letter Size Compartments 37-1/2" x 12-3/4" x 25-3/4"** Quality-built, premium steel unit has strong steel frame, shelves and dividers with a solid fiberboard back. Interlocking design of the shelves and dividers add extra strength to hold up to the heaviest load. Wide shelf fronts serve as generous label holders. Unit features twenty-four 9"W x 12-1/4"D x 3"H letter size compartments. Each compartment will hold up to 750 sheets. Unit shall be placed on floor, desk or table. Tropic Sand baked enamel finish. Quick-connect uni-lock steel shell makes assembly fast and easy. **Mosaica Reference Number 064**

- M. **30 Key Control Cabinet 10"W x 3"D x 12"H** Sturdy, welded steel cabinet to be hung on the wall or used on a shelf or table. Steel key racks are slotted and numbered for filing snap hook numbered key tags (included). Also included is a quality lock with keys and numbered key control chart. Unit has 30 Key Capacity. Color Gray. **Mosaica Reference Number 065**

- N. **60 Key Control Cabinet 10"W x 3"D x 12"H** Recycled Steel Locking Key Cabinet, Holds 60 Keys/Tags. The unit is made in the U.S.A. of 30% recycled steel and can be used on the shelf or hung on a wall. Numbered tags have corresponding numbered slotted hooks. Yellow "key loaned" tags keep track of borrowed keys. Control chart on door. Color Putty. Unit comes with white key tags and holds 60 Keys. **Mosaica Reference Number 066**

- O. **Eight Roll Mobile Vertical Paper Rack 47 1/2"X 48 1/2"X 25"** are mounted on four strong, smoothly rolling casters. This unit can be positioned and locked in place with integral wheel locks for safety and stability. There is an automatic blade locking device for easy roll changing and spring-loading blades for sure cutting. Welded steel construction and strong functional design assure durable, long wear life. The unit is finished in gray baked powder coat. Ships fully assembled via common carrier. 25"W X 44-1/2" X 48-1/2" L rolls not included. Holds 8 rolls. **Mosaica Reference Number 067**

- P. **Combination and Janitorial Cabinets 36"W x 18"D x 78"H** Unit consists of 24-gauge top, sides and back. 22-gauge bottom, doors and shelves. Doors have tru-glide three-point locking assembly. Shelves are adjustable in 2" increments and have approximate capacity of 200 Lbs. Unit has full width top shelf, a four shelf storage area and a wardrobe area with coat hanger rod. Color Putty. **Mosaica Reference Number 068**

2.7 Shelves:

- A. **Bookcase (2-shelf) 12-5/8"D x 34-1/2"W x 29"H.** The outside case dimensions are 34-1/2"W x 12-19/32"D x 29-1/32"H and the inside case dimensions are 32-7/16"W x 12-1/8"D x 24-29/32"H. The storage & files bookcase maximum shelf clearance if shelves are spaced equally are 12", and the maximum shelf clearance if using 1" flange behind the top is 12-1/2". The shelf dimension is 32-7/16"W x 12-1/8"D. The bookcases are offered in 30"H and 82 heights with 1 shelf. The shelf is adjustable on 1/2" centers. The finish is baked enamel over phosphatizing prime rust-proofing treatment. It has a welded construction. The unit comes packaged in stretch wrap and ships with a HON logo on front. Meets or exceeds ANSI/BIFMA and ISTA performance standards. Color Putty **Mosaica Reference Number 069**
- B. **Bookcase (2-shelf) 12-5/8"D x 34-1/2"W x 41"H.** The outside case dimensions are 34-1/2"W x 12-19/32"D x 41-1/32"H and the inside case dimensions are 32-7/16"W x 12-1/8"D x 40-29/32"H. The storage & files bookcase maximum shelf clearance if shelves are spaced equally are 12", and the maximum shelf clearance if using 1" flange behind the top is 12-1/2". The shelf dimension is 32-7/16"W x 12-1/8"D. The shelf is adjustable on 1/2" centers. The finish is baked enamel over phosphatizing prime rust-proofing treatment. It has a welded

construction. The unit comes packaged in stretch wrap and ships with a HON logo on front. Meets or exceeds ANSI/BIFMA and ISTA performance standards. Color Putty **Mosaica Reference Number 126**

- C. **Pick-a-Book Stand One Sided 30" W x 16½" D x 27½" H.** This unit features write-n wipe partitions. Unit is framed in thirteen-ply ¾" Baltic birch. Center shelf and dividers are nine-ply ½" Baltic birch (particleboard is not acceptable) with a total of five compartments. Construction employs the dowel pin technique. This leaves the thickness of the material intact where most of the stress occurs. The back is 3/16" heat treated tempered pegboard and is recessed in a dadoed groove. All corners and edges must be rounded, eliminating all sharp, 90-degree edges. Unit is hand sanded and two coats of nontoxic coating are applied, providing a hard, clear, superior natural finish. Finish is as tough as the coating used on gym floors resists stains won't yellow and is E-Z to clean. Lifetime Warranty. **Mosaica Reference Number 070**
- D. **Laminate 36" W x 13" D x 41" H Bookcase, 3-Shelf** has square corner detail that matches the 10500 Series Case goods and complements many other furniture designs. Available in same laminate finishes and finish combinations as 10500 Series Case goods. All surfaces finished in abrasion- and stain-resistant thermal-fused laminate over solid core high-density particleboard. Adjustable hex leveling glides allow floor standing bookcases to be easily leveled without lifting the unit; glides have ¾" adjustable range. Nominal Dimension: 36"W x 13" D x 41" H and the actual dimension is 36-1/16" W x 12 63/64" D x 40-7/8" H. The inside dimensions are 34-3/8" W x 11-5/8" D x 12-1/2" H. The top is a 1-1/8" thick particleboard with melamine surface top and bottom with a 2mm PVC edge banding around all four edges. The top dimensions are 36-1/16" W x 12-63/64" D. The end panel is constructed of 3/4" particleboard cores with melamine both front and back, with .5mm PVC edge banding on the two side edges and .8mm (edge trim on bottom). The end panel dimensions are 12-1/16" W x 39-29/32" H. The back panel is constructed of 3/4" particleboard with melamine on both the front and back, and .5 mm edge banding on the side. There are two backs, one for each shelf. The back panel dimensions are 34 13/32" W x 12-1/2" H. The shelf is a ¾" particleboard core with impact resistant thermally fused laminate decorative cover. The shelf dimensions are 34-3/8" W x 11-5/8" D. Shelves are tested at 3 lbs. per inch (103 lbs.). All models come pre-assembled with fixed shelves. Meets or exceeds ANSI/BIFMA and ISTA performance standards. Color should be Oxide Laminate with Bourbon Cherry Finish for the CAO and Bourbon Cherry Finish for the PF (unless otherwise specified by school location). If one is ordered for the conference room the finish should match the table and storage cabinet. **Mosaica Reference Number 071**
- E. **Library Shelving Specifications**
The library shelving is built both single face and double face is constructed in "runs" consisting of 1-Starter and a variable number of Adders to fill the amount of wall or floor space available. The height of the shelving run is determined in a number of ways, by the number of books being displayed (an estimated shelving requirement can be provided), by the age group of people using an area, by window placements in the room and by room layout to provide supervision thru out the library (Ironwood can provide 3-D drawings of proposed shelving layout from various locations in the library). Shelving is typically ordered in standard widths and centered on the wall or in the room. Shelving units come standard as an open back unit with a four-sided 18ga. welded steel frame to provide support from racking. The bottom and shelves will come with a combination shelf support/book stop. Bottoms and Shelves will be rated at 150# per shelf. Tops, Bottoms and Shelves both adjustable and Fixed will be attached to the support panels with a minimum of four mechanical contact points.
- 1) **EXPOSED EDGES** are edge banded with 3mm PVC—color matched to the frame and hardware unless otherwise noted. Finish is smooth and without visual defect. Visual defects are evaluated by observing the edge banding at a distance of three feet. Primer is applied and covers 100% of the underside surface. The presence of primer can be visually verified. The thickness will not vary more than -.012" or +.007". Impact resistance is 20 pounds per inch (minimum).
 - 2) **FASTENERS** used for attaching hardware are either supplied by the vendor or are independently acquired and exceed specifications for the application. Fasteners used for cabinet construction will be an auger point, steep-pitched, wide-spaced thread screw—specially made for use in particleboard—with a Quadrex™ (Phillips/Square) drive to allow use of a Phillips screwdriver for work in the field.
 - 3) **BACK FRAMES & BOOKSTOPS** are washed using a biodegradable detergent. A phosphatizing coat is applied for corrosion resistance and improved powder coat adhesion. Our powder coating is a polyester-based powder, electrostatically applied to obtain a 3mil cure thickness, and oven baked to manufacturing specifications.
 - 4) **PANELS** consist of 47 #, industrial grade particleboard—thermal-fused on both faces with decorative melamine laminate. Typical panel performance meets or exceeds NEMA LD3-1991-GP28 and ALA minimum requirements. Melamine panels also conform to standards set by KCMA, WIC, and CSA. Tops, sides, bottoms, and shelves (adjustable and fixed) are a minimum of 1" in thickness. Toe Boards and finished backs are ¾" in thickness.
 - 5) **POWDER COAT COLOR** for frames is color matched to the edging and specified by the customer—from Ironwood's list of standard colors. (Custom colors are available upon request.)
 - 6) **SHELF SUPPORTS** are zinc die cast support with a pin diameter of 5mm and a length of 8mm. The shelf rest portion of the clip measures 18mm x 20mm. Each shelf support will have a corresponding housing inserted into the shelf to form a locking dovetail type fit. **Mosaica Reference Number 072**
- F. **Library Shelving 42" Picture Book Shelving Base/Adder – SF** is constructed of 1" thermally-fused melamine laminate top, side and shelf panels with a 3mm edging. It includes 4 powder coated beige wire dividers per shelf which are adjustable at 2½" increments. All picture book shelving is available in Light Oak, Medium Oak and

Gray. For detailed material specifications refer to **Mosaica Reference Number 072** library shelving specifications. **Mosaica Reference Number 073**

- G. **Library Shelving 60" Double-Face Shelving Base 37"W x 24"D x 59 7/8"H** has 3-6 shelves per side; 2-4 shelves are adjustable in 1-1/4" increments. Steel frames and steel book stops provide superior structural support. Optional backs are available in place of the steel framing and book stops. The 24" deep shelves are adjustable in 1-1/4" increments, and are supported by metal tab "V" flanges. Available in four laminates: Amber Ash, Dixie Oak, Folkstone Grey, Oiled Cherry. For detailed material specifications refer to **Mosaica Reference Number 072** library shelving specifications. **Mosaica Reference Number 074**
- H. **Library Shelving 60" Double-Face Shelving Adder 37"W x 24"D x 59 7/8"H** has 3-6 shelves per side, 2-4 adjustable in 1-1/4" increments. Adders have only one end panel and cannot be used alone. You must begin with a base unit then select adders as desired. Available in four laminates: Amber Ash, Dixie Oak, Folkstone Grey, Oiled Cherry. For detailed material specifications refer to **Mosaica Reference Number 072** library shelving specifications. **Mosaica Reference Number 075**
- I. **Library Shelving 60" Single-Face Shelving Base 37"W x 12 1/2"D x 59 7/8"H** has 3-6 shelves, 2-4 adjustable. Steel frames and steel book stops provide superior structural support. The 12" deep shelves are adjustable in 1-1/4" increments, and are supported by metal tab "V" flanges. Available in four laminates: Amber Ash, Dixie Oak, Folkstone Grey, Oiled Cherry. For detailed material specifications refer to **Mosaica Reference Number 072** library shelving specifications. **Mosaica Reference Number 076**
- J. **Library Shelving 60" Single-Face Shelving Adder 37"W x 12 1/2"D x 59 7/8"H** has 3-6 shelves, 2-4 adjustable. Steel frames and steel book stops provide superior structural support. The 12" deep shelves are adjustable in 1-1/4" increments, and are supported by metal tab "V" flanges. Adders have only one end panel and cannot be used alone. You must begin with a base unit then select adders as desired. Available in four laminates: Amber Ash, Dixie Oak, Folkstone Grey, Oiled Cherry. For detailed material specifications refer to **Mosaica Reference Number 072** library shelving specifications. **Mosaica Reference Number 077**
- K. **Library Shelving 48" Double-Face Shelving Base 37"W x 24"D x 47 1/4"H** has 3-6 shelves per side; 2-4 shelves are adjustable in 1-1/4" increments. Steel frames and steel book stops provide superior structural support. Optional backs are available in place of the steel framing and book stops. The 24" deep shelves are adjustable in 1-1/4" increments, and are supported by metal tab "V" flanges. Available in four laminates: Amber Ash, Dixie Oak, Folkstone Grey, Oiled Cherry. For detailed material specifications refer to **Mosaica Reference Number 072** library shelving specifications. **Mosaica Reference Number 078**
- L. **Library Shelving 48" Double-Face Shelving Adder 37"W x 24"D x 47 1/4"H** has 3-6 shelves per side, 2-4 adjustable in 1-1/4" increments. Adders have only one end panel and cannot be used alone. You must begin with a base unit then select adders as desired. Available in four laminates: Amber Ash, Dixie Oak, Folkstone Grey, Oiled Cherry. For detailed material specifications refer to **Mosaica Reference Number 072** library shelving specifications. **Mosaica Reference Number 079**
- M. **Library Shelving 48" Single-Face Shelving Base 37"W x 12 1/2"D x 47 1/4"H** has 3-6 shelves, 2-4 adjustable. Steel frames and steel book stops provide superior structural support. The 12" deep shelves are adjustable in 1-1/4" increments, and are supported by metal tab "V" flanges. Available in four laminates: Amber Ash, Dixie Oak, Folkstone Grey, Oiled Cherry. For detailed material specifications refer to **Mosaica Reference Number 072** library shelving specifications. **Mosaica Reference Number 080**
- N. **Library Shelving 48" Single-Face Shelving Adder 37"W x 12 1/2"D x 47 1/4"H** has 3-6 shelves, 2-4 adjustable. Steel frames and steel book stops provide superior structural support. The 12" deep shelves are adjustable in 1-1/4" increments, and are supported by metal tab "V" flanges. Adders have only one end panel and cannot be used alone. You must begin with a base unit then select adders as desired. Available in four laminates: Amber Ash, Dixie Oak, Folkstone Grey, Oiled Cherry. For detailed material specifications refer to **Mosaica Reference Number 072** library shelving specifications. **Mosaica Reference Number 081**
- O. **Dictionary Stand/End-of-Range Display- 32H 23 5/8"W x 16"D x 35 1/8"H** has a narrow design that allows the Dictionary Stand to fit nicely at the end of double-faced shelving ranges, or for use anywhere as a compact stand-alone display and information stations. This multi-purpose piece can serve as a Dictionary Stand, or as shelving for special reference materials. The slanting top surface is 21"W and features a clear plastic book stop. It also has a fixed bottom shelf, and a middle shelf that adjusts in 1-1/4" increments. This 32"H unit is ideal for elementary schools or library sections geared to children. The 39"H version of the Dictionary Stand can also double as a lectern for public speakers and storytellers. Available in four laminates: Amber Ash, Dixie Oak, Folkstone Grey, Oiled Cherry. For detailed material specifications refer to **Mosaica Reference Number 072** library shelving specifications. **Mosaica Reference Number 082**

2.8 Presentation Equipment/Electronics/General Appliances:

- A. **Overhead Projector 2400 LM 110V** has the highest quality triplet lens housed in dependable open head container. This unit has an adjustable display angle up to 60 degrees helps avoid "keys toning" and a focus knob on folding arm for easy storage. There is a beefy internal transformer and twin whisper fans prevent overheating. There is a rest stop for the overhead lamp while shipping or during storage and a high/low switch

- for brightness vs. lamp life lamp changer for uninterrupted use if bulb burns out during presentation. The rugged ABS plastic withstands knocks of daily classroom use. Break resistant glass means less classroom interruptions and repairs. Three year warranty for educational uses unlike other products purchased from consumer electronics stores whose warranties would be voided if used in schools. Luminosity is 2,400Lm. Lamp is 300 Watt, 24 Volt, type EHG. Unit has a Two Lamp Changer and a dual intensity lamp switch with Triplet Lens. $f = 285\text{mm}$, closed head Platen Dimensions 250mm x 250mm Projection Distance 5 - 10° Tilt Angle 40 - 65 degrees, Fans Two, each with 3.5" fan blades. Low-noise Cooling system <40dB Fuse 3A Power 110 Volt 60Hz. Unit has a safety interlock for cover. Unit requires an AC: 110V, 60Hz for power, 14W Exterior Casing Rugged ABS plastic for durability and classroom safety. Carton Dimensions 19.9"W x 17.7"D x 12.2"H. Shipping weight 24 lbs. Safety Listings C-UL & CE approved for use in schools, churches, and business and government facilities. Warranty 3 years from purchase date (excludes bulbs). **Mosaica Reference Number 083**
- B. **32" Flat Screen Digital TV** is a digital Aspect Ratio 16:9 TV. The 32-inch BRAVIA® BX300 Series HDTV provides vivid 720p resolution, a dynamic contrast ratio of 100,000:1 and ample HD connections, including 2 HDMI™ inputs and 1 PC input. Color System : NTSC 3.58 The TV also includes Dynamic Backlight Control, which automatically controls overall image brightness. It has 2 Dolby® Digital audio speakers with a MTS Stereo Decoder. The Audio Power Output is 20W Total (10W x 2) and even has an audio mute for times when you need to hush the sound at a moments notice. Password protected Channel Block and Parental Control are features. 31 3/4 x 21 x 8 3/4 in with pedestal; 31 3/4 x 19 5/8 x 3 37/8 in without. 24.2 lbs. with pedestal, 19.4 lbs. without. **Mosaica Reference Number 084**
- C. **Wall Screen 60" X 60"** Projection surface is Matte White with a fiberglass backing that is fire resistant and locked in a spring operated 1-1/8" steel roller. The pin end of the roller is seated in a nylon bushing. The case is constructed from 22-gauge steel, the slat from 24-gauge steel, and both are finished with scratch resistant white paint. End caps are a matching white plastic and include the mounting holes for installation. A 24-gauge steel, 7/8" slotted tube holds the bottom of the screen fabric with Fiberlok strip to trap the fabric rigidly inside the slat. A manual pull down ring is screwed to slat for operation. **Mosaica Reference Number 085**
- D. **Security Wall Bracket for 60" X 60" Wall Screen.** The KW6SEC wall brackets are constructed from steel and are designed for wall installation. The KW6SEC holds the screen at a fixed 6" from the wall and includes a security screw that traps the screen so that there are no open hooks for the screen to fall from. Holds screens up to 35-lbs. White finish. Mounting hardware not included. **Mosaica Reference Number 086**
- E. **Combination DVD/VHS Player 16.9" x 3.3" x 10.8"** has full remote-control functionality with a 4-head Hi-Fi VCR mechanism for optimal VHS playback. Unit plays DVD+R/RW, DVD-R/RW, CD, CD-R/RW, MP3, WMA, DivX, JPEG, and MPEG-4 formats. Has progressive scan, and HD Upconversion for 720p / 1080i / 1080p . Has a one touch recording for straight forward operations. Has a built-in Dolby digital, Digital connectivity with AnyNet+ (HDMI-CEC). The unit has a USB 2.0, HDMI, component video, and composite video out and a coaxial and optical digital audio out. The power input voltage is AC120V 60Hz only The power consumption is 25 Watts. The Dimensions are 17"L x 15.5"W x 4.25"H. The product weight is 9 lbs, 11 oz. actual. **Mosaica Reference Number 087**
- F. **HDMI cable** required to connect AV equipment. 6ft High Resolution, with 1 x Male HDMI on both ends, 24-karat gold plated connectors, Oxygen-Free Copper (OFC) conductive layer **Mosaica Reference Number 125**
- G. **MP3 Capable Multimedia Player 18.25"L x 6.5"W x 8.5"H** with 6 Watts of RMS powerful enough for up to 75 people Built-in electrets mic records student progress, class projects and can't get lost Digital controls on top w/ separate bass/treble controls Top-loading CD player with CD/CD-R/CD-RW and MP3 playing capability to play CDs burned at home/school CD digital counter and 2X cassette counter Headphone/ microphone and external speaker jacks on rear for individual learning or to connect a jack box for use as a group listening center Phase Lock Loop (PLL) digital AM/FM stereo Recessed speakers with protective steel grills to prevent accidental damage. Power Output is 6 Watts RMS with a Distortion 1% at rated power. Has a Radio Frequency Range for FM of 88-108 MHz and for AM of 530-1710 kHz. Microphone jack is 3.5mm mini jack. Also has a built-in electrets 1.5mV mic. Also has headphone Jacks 3.5mm, and 1/4" phone and speaker output jacks Input. Jacks are 3.5mm Mic, 2.5mm remote tape on/off jack. The Amplifier Freq. Response is 63-10kHz Wow and Flutter <0.35%. The S/N Ratio is 40dB. There are two 3-1/2" round unweighted Speakers, Auto Level Control Mechanism, Full Auto Stop (all modes) Controls, Record, Play, Cue, Review, Eject, Pause, Bass & Treble control, Volume, ON/OFF switch ,2 X 3 digit tape counter, CD skip, search, random play, 20 programmable tracks with LCD display, and Permanently attached 5', 2-wire cord for safety. The Power Requirements are AC: 110V, 60Hz, DC: 8 "D" batteries. The dimensions are 18.25"L x 6.5"W x 8.5"H. The exterior case is made of rugged ABS plastic for durability and safety. The weight 8 lbs., without batteries, while the shipping weight is 12 lbs. Warranty is 1 year from date of purchase. Safety standards meet C-UL & CE approved for use in schools, churches, business and government facilities. **Mosaica Reference Number 088**
- H. **6-position Monaural Listening Center with head phones and carrying case** contains six (6) 2924AV headphone sets plus listening station with volume control. Jack box uses a 5' cord and standard 1/4" plugs to connect to any source and is impact resistant. Jack box contacts are silver plated for a cleaner, more durable connection. Each position has its own volume control to be adjusted by each student. Sturdy plastic case included. **Mosaica Reference Number 089**

- I. **Adjustable Pocket Chart Stand** This versatile chart stand adjusts to hold both pocket and flip charts. Constructed from steel, it has sturdy locking casters and five ring-style hooks for hanging. The height adjusts from a height of 50-80" and a width of 35-74" for maximum classroom display space. Easy to assemble. **Mosaica Reference Number 090**
- J. **Porcelain Steel Marker boards-Aluminum Frame 4' X 8'** has a durable surface that offers more contrast for a measurable improvement in visual acuity. Reduced surface light distortion enhances visibility to provide optimum eye comfort. Pens write-on and erase with a dry cloth, tissue or eraser. Surface is laminated to 1/2" thick MDF and is factory framed in anodized aluminum or solid wood trim. Unit Includes L-clips, raw l plugs and screws for installation. Has a dual use as a magnetic bulletin board and writing surface. Board includes a full-length map rail and accessory tray with new, safer silicone rubber Dura-Safe™ corners. Surface has a smooth low-gloss surface offers greater color contrast for markers. Surface is dust-free and erases easily without ghosting. Unit is factory framed in anodized aluminum or solid wood. It is also available as a resurfacing skin. The multi-purpose, magnetic surface has superior erasability for dry erase markers. Superior contrast and reduced surface light distortion minimizes glare. A precisely balanced porcelain enamel ground coat is furnace-fused to both sides of 24* or 28-gauge (standard) steel. The first furnace fuses a ground coat of enamel that is heat-softened into 24* or 28-gauge (standard) steel at approximately 1450° F. The second furnace firing fuses a coat of enamel to the ground coat enamel. Color Fusion ceramic topcoat is applied providing the desired surface color. A fade-resistant waterproof resin glue bonds the porcelain to a 1/2" MDF core and .005" polyester foil backer sheet. Choose silver screen color for greater contrast. *24-gauge steel is available at an up charge. **Mosaica Reference Number 091**
- K. **Magnetic Flannel/Marker Board Easel 45"H x 24.5"W x 27"D** Magnetic red flannel holds storyboard items and manipulative. Use the magnetic dry-erase side for lessons. Magnetic book ledge holds a book open during story time. Storage tray holds accessories while protecting little fingers. Colorful powder coated blue steel frame is ideal for preschool rooms. Four 2" locking casters allow movement between classrooms. Folds easily for storage. **Mosaica Reference Number 092**
- L. **Educator Laminator 25" 110V 32"L X11"H X16"D** it has a 2-year manufacturer's warranty. And included is an instructional video to go with the operators' manual. Features that contribute to the quality of lamination and dependability of the Educator include There is a preset lamination pressure and speed option that makes the machine easier to use and eliminates many possible sources of problems. Enclosed laminating and pull rollers help you avoid time consuming jams and wrap-arounds. The forced air cooling allows laminating with 3 and 5 mil films, as well as the 1.5 mil film often used by schools. Without a film cooling system, thicker films will warp and ripple because they are still hot and partly melted when they come out the back of the laminator. The fixed position lamination rollers provide a stable platform for uniform roll pressure. This will provide the highest quality lamination available in a school laminator. It has an attached safety shield. The safety shield is fixed to the machine and is placed so that the operator will naturally put it in the guard position before laminating. The shield is made of clear polycarbonate so users can see their work and will not be tempted to try to laminate without the shield in the safe position. The reverse switch can be essential at times to help avoid problems or clear misfeeds. It has an adjustable heat control. If you have used a kitchen oven, you'll feel comfortable with our heat control dial. It allows you to use films from 1.2 to 5 mils thick. The supply roll tension knobs give you the control you need to get wrinkle-free lamination without complicating your work. The separate safety cutter provides a safe means of cutting work off the back of the machine. This eliminates the usual tear bar which may cut fingers or snag clothing. It is made in the U.S.A., which means quality, better service, and faster parts. The Laminating width is Up to 25". The product dimensions are 32"L X11"H X16"D. The Shipping dimensions are 37"L X 17"H x 18" W. The product weight is 76lbs and the shipping weight is 84 lbs. The cycle time is 5 feet per minute. The machine voltage is 110 V, (220 V optional) and 1500 watts, 15 amps. The maximum film gauge is 5 mil and the maximum laminating thickness is 1/8". The maximum film roll diameter is 6". The maximum film capacity with 1.5 mil is 1000 feet and with 3 mil is 500 feet. The Lam. roll diameter is 1 1/4" and the Film core size 1". **Mosaica Reference Number 093**
- M. **Classiccut 18" Maple Paper Trimmer** feature self-sharpening, hardened, coated steel blades made of highest carbon spring steel and a solid maple hardwood, clear lacquer finish. The dovetail joint eliminates warping. An alignment grid allows accurate squaring. Cast iron cam and bearing housing provide a rigid pivot point. Cast metal handle arm, safety guard rail and handle lock. Cuts up to 15 sheets. **Mosaica Reference Number 094**
- N. **Natural Cork-Plate Tack board Aluminum Trim 4'X6'** The cork tack boards are made from high-quality, finely grained 100% natural cork. Cork is a durable, resilient material that recovers quickly from tack or pinholes. The boards are factory framed in anodized aluminum or wood and are ready to hang. 1/4" fine grain pure natural cork is bonded to 1/4" MDF. This provided ultimate tack-holding power and deeper tack penetration. Boards include L-clips and mounting hardware. **Mosaica Reference Number 095**
- O. **2" Map Rail Pre-Packed 6 each 4' sections** are ideal for classrooms, offices or libraries. Use separately or as a companion accessory for marker or chalkboards. The 1/4" colored cork insert is framed in an anodized aluminum extrusion for years of wear. A colored cork insert offers extra resiliency and self-healing properties so pin holes disappear. Rails include screws and grommets for installation. 1/4" thick finely grained tan colored cork insert is standard. Other colors are available. See page 24 for options. Factory framed in a 3/8" thick

anodized aluminum extrusion in 2" heights and pre cut in 6' sections Include hook clips, map winders, and end stops. **Mosaica Reference Number 096**

- P. **Two Door Compact Stainless Steel Refrigerator Freezer - 3.1 Cu Ft 18 11/16" W X 19 1/2" DX 33 9/16" H** has a total capacity of the total unit is 3.1 cubic feet. This dual door Energy Star® rated compact refrigerator comes with a separate fridge and freezer section, 3.1 cu.ft. (88 litres) capacity refrigerator Stainless look door, Independent freezer section, Manual defrost, Interior light, Integrated handle, Tall bottle storage, Clear vegetable crisper and cover, Reversible door hinge. Shipping weight is 64 lbs. Warranty is one year parts and labor. **Mosaica Reference Number 097**
- Q. **18.2 Cu. Ft. Top-Mount Refrigerator - White 30"W X 31-5/8"D X 66-1/8"H** has a total capacity of 18.2 cubic feet, with a top freezer style with 4.07 cubic feet capacity and fresh food capacity of 14.13 cubic feet. This CSA Certified unit has 2 sliding wire shelves are easy to maneuver and clean 3 fixed door bins provide ample storage without taking up valuable shelf space Clear dairy door makes it easy to see all your dairy items 2 clear crispers (humidity-controlled) maintain your vegetables' freshness Freezer door bins give easy access to small items and hold your frozen items neatly in place Full-width shelf in freezer makes it easy to arrange frozen food. Shipping Weight 205 lbs. 15 or 20A / 120V / 60 Hz (1/second). FUSED ELECTRICAL SUPPLY IS REQUIRED. GROUNDED CIRCUIT IS REQUIRED. A TIME-DELAY FUSE OR CIRCUIT BREAKER AND SEPARATE CIRCUIT IS RECOMMENDED. **Mosaica Reference Number 098**
- R. **0.8 Cu. Ft. Compact Microwave - Stainless Steel 18-1/8" W x 10-7/8" H x 14-5/8" D 800W** Countertop microwave has a capacity of Compact 0.8 cu. ft. Microwave fits almost anywhere. 800 watts of power provides fast reheating and cooking. 10-3/4" Carousel® turntable holds most dinner plates. Features four Cook Options - ensure perfectly cooked popular foods for 1 or 2 servings; Four Defrost Options - quickly defrost meats and poultry by weight. Specific program for each category assures excellent, even results. Six Reheat Options - make it especially easy to heat frequently served foods including beverages, pizza, rolls, and muffins. Minute Plus™ - sets the oven at High with a single touch. Pops Popcorn - automatically for perfect results with most types of microwave popcorn. Digital Display - is accurate and easy to read. Time of Day Clock - is convenient and easy to set. Child lock enables you to lock the keypad, preventing accidental operation. Compact design takes up very little kitchen space. Product has a one year warranty on parts and labor, and a 4 year warranty on magnetron tube. Product weight 24 lbs. **Mosaica Reference Number 099**
- S. **Handheld Megaphone Length 13" Horn diameter 7.5"** is a 15 Watt megaphone with effective range of up to 1,000 feet, ABS plastic construction for all weather use and durability, built-in electrets microphone, choice of voice / siren operation Volume control, and accessible on/off switch. Unit operates on 6 'D' cell batteries (included). Requires 15 Watts RMS, 20 Watts maximum. Microphone is electrets with volume control. For voice and siren modes effective distance is 1,000 feet. The power source is 'D' cell batteries (6) Normal use is 6 hours or 3 hours of continuous use. Dimensions are Length 13" Horn diameter 7.5". Weight is 4.4 lbs with batteries, shipping weight 7 lbs. Safety Listings C-UL & CE approved for use in schools, churches, business and government facilities. Unit has a one year warranty from date of purchase. **Mosaica Reference Number 100**
- T. **Walkie Talkie NiMH Rechargeable Radio Double Pack** The Motorola Talkabout®EM1000 is the ideal emergency preparedness communication tool. With a range of up to 20 miles, an emergency alert feature and flashlight, the EM1000 radios provide a convenient total emergency preparedness communication device - perfect for active outdoor excursions or life's every day adventures. When the alert button is activated, the radio transmits an alert siren followed by transmission of spoken or incidental sounds. This allows you to send the signal to other radios and warn of impending danger. The EM1000 also features a built-in LED flashlight for peace-of-mind during unexpected emergencies and power outages. Stay connected without missing important emergency or weather alerts... •22 channels, each with 121 privacy codes for 2,662 combinations •31 hr. alkaline (3 AA) or 10 hr. NiMH estimated battery life •iVOX hands-free communication without the need for an audio accessory •QT (Quiet Talk) interruption filter •Emergency alert button •Flashlight •Mini-USB charging port •11 weather channels (7 NOAA) with alert feature •Backlit display •Runs on 3 AA batteries (not included). Recharge ready. Set includes •2 EM1000 radios •2 belt clips **Mosaica Reference Number 101**

2.9 General Equipment:

- A. **Mountable Sharpener** Adjustable to all regular size pencils. All steel receptacle. Heavy duty steel twin cutter. Tan finish. **Mosaica Reference Number 102**
- B. **12" Quartz Clock, requires 1 AA battery** features large, easy-to-read black numerals and sweep second hand. 13-3/4" overall diameter. Crystal clear lens. Quartz requires 1 AA battery. **Mosaica Reference Number 103**
- C. **Kitchen Activity Center 30"W x 15"D x 35" H** unit is constructed of eleven-ply 5/8" Baltic birch plywood. Features 3/16" heat-treated tempered hardboard and pegboard making it moisture, chip, and crack resistant. Hinges are full length piano hinges that minimize the chance of pinching little fingers. Hinged doors are attached with a minimum of nine screws each and will pivot 270 degrees making it difficult to separate the door from the unit. All kitchen units are 15" deep. The unit has side-by-side oven doors, wooden faucet and pulls out "sprayer", four "burner" stove, wooden turn-button controls, and is compatible with the Jonti-Craft Kitchen-Link™ System. Construction employs the dowel pin technique. This leaves the thickness of the material intact where

most of the stress occurs. Finish is as tuff as the coating used on gym floors resists stains won't yellow and is E-Z to clean. Finish is as tuff as the coating used on gym floors resists stains won't yellow and is E-Z to clean. Unit comes with a lifetime warranty. **Mosaica Reference Number 104**

- D. **Sunny Day Learn & Play Carpet: Carpets for Kids Collection 8'4"X 11'8" Rectangle.** An exciting alphanumeric rug provides a colorful Circle time theme for all activities. Kid ply backing, 15-Year wear warranty. Double-sticked serged edges, carpet stain protection; antibacterial treatment meets national fire code requirements, assists in allergen particle control. **Mosaica Reference Number 105**
- E. **Sunny Day Learn & Play Carpet: Carpets for Kids Collection 8'3"X 11'8"Oval.** An exciting alphanumeric rug provides a colorful Circle time theme for all activities. Kid ply backing, 15-Year wear warranty. Double-sticked serged edges, carpet stain protection; antibacterial treatment meets national fire code requirements, assists in allergen particle control. **Mosaica Reference Number 106**
- F. **Chillin' With a good Book: 4'5" x 5'10" Rectangle Carpets for Kids Collection.** Playful penguins and schooling fish are as happy reading books as children will be on this adorable reading rug. . Kid ply backing, 15-Year wear warranty. Double-sticked serged edges, carpet stain protection; antibacterial treatment meets national fire code requirements, assists in allergen particle control. **Mosaica Reference Number 107**
- G. **Reading by the Book Seating Rug: 8'4" x 13'4" Rectangle Carpets for Kids Collection.** This alphabet-themed area rug was designed specifically for library and schoolroom reading or seating areas. This rug seats up to 30 while providing children with plenty of elbow room. Kid ply backing, 15-Year wear warranty. Double-sticked serged edges, carpet stain protection; antibacterial treatment meets national fire code requirements, assists in allergen particle control. **Mosaica Reference Number 127**
- H. **Physician's Scale** with steel measuring rod has an extremely accurate weight measurement with a rugged zinc die cast beam construction and engraved beam graduations. Unit has a unitized steel base with non-slip, high impact and plastic cover. Complete with Heavy-duty casters. Total weight capacity is 350 lbs. that are graduated in .2 lb. increments. Unit measures 31" to 82" heights. Color is White. Shipping weight is 55 lbs. Unit ships direct from MN Factory, Zip 55418, via UPS. Allow 2-3 weeks for delivery, shipping not included. **Mosaica Reference Number 108**
- I. **First Aid Couches with Roll Dispenser 26" W x 72" L x 23" H** is available in vinyl colors of burgundy, tan, and navy. Unit is available in black metal finish. Paint is epoxy powder coat. Optional paper dispenser with one roll of paper, #61444 can be ordered. Additional paper rolls, 125 ft. x 21", may be ordered separately, Royal #0170. Couch constructed of 4" thick polyfoam with vinyl covering which meets all OSHA safety requirements and federal specifications CCC-A-680, Class 2 requirements. All couches feature a full perimeter apron of 16 gauge steel, 12 1/2" x 71 1/2". Leg construction for #3710 of 18 gauge, 1 1/8" diameter steel tubing featuring folding legs with safety locking device. 11 gauge folding leg hinge. Nickel-plated nylon swivel glides standard. Leg construction for non-folding #3722 of 19 gauge, 1 1/4" square steel tubing. Four leg receiver plates attached to underside of the couch with metal screws for ease of leg installation. Leg set packaged separately Royal #0261; leg set packaged one set per carton. Nylon leveling glides standard. **Mosaica Reference Number 109**
- J. **3'x5' U.S. Flag with an 8' floor stand, eagle ornament, gold cord and tassel** set comes with a lustrous nylon taffeta American flag is attractive in appearance. Rayon embroidered stars, double-stitched stripes. Flannel-lined pole heading with leather or Velcro tabs. Complete set includes polished oak pole, gold vacuum plated eagle and stand, gold fringe and cord with tassels. 3'X5' flag with 8' pole. **Mosaica Reference Number 110**
- K. **Heavy Duty 5' Fiberglass Step Ladder** is approved for extra heavy duty/professional use. The side rails are electrically non- conductive. The top is designed for quart cans, small parts or slotted tools. The ladder features include, internal steel spreaders, double riveted aluminum steps, aluminum braces on top step, and an edge molded brace. A foot pad provides enhanced strength and pads protect against damage. The ladder is UL & ANSI approved. It is 5' Tall. It has 4 rivets attach top to each front rail. Back-up plates reinforce all top connectors and a shoulder bolt and nut secure each top hinge. Supports 300 lbs. **Mosaica Reference Number 111**
- L. **Nylon 2-in-1 Convertible Hand Truck 49 1/2" H X 21" W** frames are composed of glass filled with nylon, which makes this material as strong as steel or aluminum but with less weight. The weight of this unit is only 25.5 lbs. The parts on this unit all snap together without the use of hardware or tools. Stair glides are built into the frame, which help ease the movement up and down stairs and over curbs. Handles and base plate are made of steel. Base plate measures 7" X 14 1/2". Pneumatic wheels are 10" X 3.5" in size and have 5" poly casters. The axles are 5/8". **Mosaica Reference Number 112**
- M. **Plastic Stackable Cots 52"L x 22" W x 4 3/4" H, 5/pack** full size toddler cots. Strong, Comfortable Sof-Tex® Fabric, Bleach Cleanable Fabric for hygiene. **Mosaica Reference Number 113**
- N. **Cot Sheets** Easy care material. Elastic band secures sheet to cot leg. Machine washable and bleachable. **Mosaica Reference Number 114**

- O. **Cot Carrier Standard Size 51" x 21" x 4 3/4"**. For use with up to 24 Cots. **Mosaica Reference Number 115**
- P. **Love Seat Blue 30" Wide** Soft seating for 2 children **Mosaica Reference Number 117**
- Q. **Fire Resistant Cabinet** with 2 shelves, 1 hour fire rating, water resistant, locking 36"W x 19 1/4"D x 44"H
Mosaica Reference Number 120