



603-2014 ADDENDUM 5

SUPPLY, DELIVERY AND INSTALLATION OF FURNITURE & SHELVING FOR THE NEW CHARLESWOOD LIBRARY LOCATED AT 4910 ROBLIN BLVD.

URGENT

PLEASE FORWARD THIS DOCUMENT TO WHOEVER IS IN POSSESSION OF THE REQUEST FOR PROPOSAL

ISSUED: August 7, 2014
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THIS ADDENDUM SHALL BE INCORPORATED INTO THE REQUEST FOR PROPOSAL AND SHALL FORM A PART OF THE CONTRACT DOCUMENTS

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Please note the following and attached changes, corrections, additions, deletions, information and/or instructions in connection with the Request for Proposal, and be governed accordingly. Failure to acknowledge receipt of this Addendum in Paragraph 8 of Form A: Proposal may render your Proposal non-responsive.

PART B – BIDDING PROCEDURES

Replace B2.1. to read: The Submission Deadline is 4:00 p.m. Winnipeg time, August 13, 2014

Replace B9.2.1 to read: **Prices on Form B: Prices shall include:**

PART E – SPECIFICATIONS

Revise: E2.1.6 to read: Item 6 (*TB1*) Nesting Table shall be rectangular, flip top c/w casters

(a) Acceptable Products: K.I., Enlite Nesting Table, Model: ENNRC3072-73P

(b) Dimensions: 30"D x 72"L x 29"H (+/-)

(c) Construction:

(i) Base: 16 gauge tubular steel and 7/16" Dia. steel wire stiffening. 1/4" th steel spider plate welded to legs w/ stiffening gussets and decorative **solid, painted steel** panel inserts (**including metallic finishes**); offset, **angled** leg configuration.

(ii) Top: 3/4" thick rectangular top w/ high-density particleboard core, phenolic backing sheet and high pressure laminate c/w flat profile, squared edges.

(iii) Connections: Metal to metal connections throughout, no spot welds permitted.

(iv) Flipping/Nesting Mechanism: Two extruded aluminum rotating hinges, with extruded locking latches for both flat and upright positions, mounted over die cast aluminum hinge pins using molded nylon bushings. Actuating lock mechanism c/w molded nylon pull handle, spring retention and secure clamps.

(d) Finish:

(i) Frame & Base: Epoxy powder coat finish; colour to be selected from manufacturer's full range of products.

(ii) Nesting Mechanism: Powder coat painted black.

(iii) Top: High pressure plastic laminate with 2mm rigid PVC edge, flat profile to match top; colour to be selected from manufacturer's entire range (to include option for 'white' or 'off-white').

(e) Hardware: Molded, nylon casters min 2.44" diameter, medium hard wheel treads, two wheel-locking, to suit flooring type. Colour to be selected from manufacturer's full range of products. Confirm flooring type with Design Consultant prior to ordering.

(f) Environmental Data: SCS Indoor Advantage Gold, with a minimum of 53% recycled content.

(g) Warranty: 10 years.

Revise: E2.1.7 to read: Item 7 (TB2) Study Table shall be rectangular, fixed t-leg c/w glides and 'Power Up' module. **To be from same manufacturer and series as TB3, 4, 5, 8, 14A AND 14B.**

(a) Acceptable Products: K.I., Synthesis, Model: S35F-74P

(b) Dimensions: 36"D x 60"L x 29"H (+/-)

(c) Construction:

(i) Base: Two 1-5/8" x 1-1/4" extruded aluminum double column, T-legs attached to a 1/4" steel top joiner plate and foot with cast aluminum end caps. Maximum 4" offset leg position from table edge for optimal clearance between legs for seating.

(ii) Top: 1-1/4" thick rectangular top w/ high-density particleboard core, phenolic backing sheet, high pressure laminate c/w flat profile, squared edges.

(iii) Connections: Metal to metal connections throughout, no spot welds permitted.

(d) Finish:

(i) Frame & Base: Epoxy powder coat finish; colour to be selected from manufacturer's full range of products.

(ii) Top: High pressure plastic laminate with 2mm rigid PVC edge; colour to be selected from manufacturer's entire range (to include option for 'white' or 'offwhite").

(e) Hardware: Molded, adjustable, nylon glides to suit flooring type. Colour to be selected from manufacturer's full range of products. Confirm flooring type with Design Consultant prior to ordering.

(f) 'Power Up' Power Module: Power/Data module c/w cover, flush mounted in table. Location of module to be confirmed with Design Consultant and Owner. Underside of table provided w/ Velcro clips to route power supply cords into vertical leg wire manager. Provide wire management sleeve for one leg to conceal cords.

(g) Environmental Data: SCS Indoor Advantage Gold, with a minimum of 53% recycled content.

(h) Warranty: Lifetime warranty; 10 year warranty for electrical components.

Revise E2.1.8 to read: Item 8 (TB3) Meeting Table shall be rectangular, fixed t-leg c/w glides. **To be from same manufacturer and series as TB2, TB4, TB5, TB8, TB14A AND TB14B.**

(a) Acceptable Products: K.I., Synthesis, Model: S350F-74P

(b) Dimensions: 42"D x 120"L x 29"H (+/-)

(c) Construction:

(i) Base: Two 1-5/8" x 1-1/4" extruded aluminum, double column, t-legs attached to a 1/4" steel top joiner plate and foot with cast aluminum end caps.

(ii) Top: 1-1/4" thick rectangular top w/ high-density particleboard core, phenolic backing sheet, high pressure laminate c/w flat profile, squared edges.

(iii) Connections: Metal to metal connections throughout, no spot welds permitted.

(d) Finish:

(i) Frame & Base: Epoxy powder coat finish; colour to be selected for manufacturer's full range of products.

(ii) Top: High pressure plastic laminate with 2mm rigid PVC edge, flat profile to match top; colour to be selected from manufacturer's entire range (to include option for 'white' or 'off-white").

(e) Hardware: Molded; adjustable, nylon glides to suit flooring type. Colour to be selected from manufacturer's full range of products. Confirm flooring type with Design Consultant prior to ordering.

(f) Environmental Data: SCS Indoor Advantage Gold, with a minimum of 53% recycled content.

(g) Warranty: Lifetime warranty.

Revise E2.1.9 to read: Item 9 (TB4) Cafe Table shall be: rectangular, fixed t-leg c/w glides. **To be from same manufacturer and series as TB2, TB3, TB5, TB8, TB14A AND TB14B.**

(a) Acceptable Products: K.I., Synthesis, Model: S256SF-74P

(b) Dimensions: 30"D x 72"L x 29"H (+/-)

(c) Construction:

(i) Base: Two 1-5/8" x 1-1/4" extruded aluminum, double column, t-legs attached to a

- 1/4" steel top joiner plate and foot with cast aluminum end caps.
- (ii) Top: 1-1/4" thick rectangular top w/ high-density particleboard core, phenolic backing sheet, high pressure laminate c/w flat profile, squared edges.
- (iii) Connections: Metal to metal connections throughout, no spot welds permitted.
- (d) Finish:
 - (i) Frame & Base: Epoxy powder coat finish; colour to be selected from manufacturer's full range of products.
 - (ii) Top: High pressure plastic laminate with 2mm rigid PVC edge; colour to be selected from manufacturer's entire range (to include option for 'white' or 'offwhite').
- (e) Hardware: Molded, adjustable, nylon glides to suit flooring type. Colour to be selected from manufacturer's full range of products. Confirm flooring type with Design Consultant prior to ordering.
- (f) Environmental Data: SCS Indoor Advantage Gold, with a minimum of 53% recycled content.
- (g) Warranty: Lifetime warranty.

Revise E2.1.10 to read: Item 10 (TB5) Work Room Table shall be rectangular, fixed t-leg c/w glides. **To be from same manufacturer and series as TB2, TB3, TB4, TB8, TB14A AND TB14B.**

- (a) Acceptable Products: K.I., Synthesis, Model: S256SF-74P
- (b) Dimensions: 30"D x 72"L x 29"H (+/-)
- (c) Construction:
 - (i) Base: Two 1-5/8" x 1-1/4" extruded aluminum, double column, t-legs attached to a 1/4" steel top joiner plate and foot with cast aluminum end caps.
 - (ii) Top: 1-1/4" thick rectangular top w/ high-density particleboard core, phenolic backing sheet, high pressure laminate c/w flat profile, squared edges.
 - (iii) Connections: Metal to metal connections throughout, no spot welds permitted.
- (d) Finish:
 - (i) Frame & Base: Epoxy powder coat finish; colour to be selected from manufacturer's full range of products.
- (e) Top: High pressure plastic laminate with 2mm rigid PVC edge; colour to be selected from manufacturer's entire range (to include option for 'white' or 'off-white').
- (f) Hardware: Molded, adjustable, nylon glides to suit flooring type. Colour to be selected from manufacturer's full range of products. Confirm flooring type with Design Consultant prior to ordering.
- (g) Environmental Data: SCS Indoor Advantage Gold, with a minimum of 53% recycled content.
- (h) Warranty: Lifetime warranty.

Revise E2.1.11 to read: Item 11 (TB6) Print Station Table shall be rectangular, fixed t-leg c/w glides. **To be from same manufacturer and series as TB7A and TB7B.**

- (a) Acceptable Products: K.I., Trek, Model: T256F-74P
- (b) Dimensions: 30"D x 72"L x 36"H
- (c) Construction:
 - (i) Base: Two 2-1/4" 14 gauge round tubular steel leg column c/w y-shaped, 16 gauge steel tapered legs and steel end caps.
 - (ii) Top: 1-1/4" thick rectangular top w/ high-density particleboard core, phenolic backing sheet, high pressure laminate c/w flat profile, squared edges.
 - (iii) Connections: Metal to metal connections throughout, no spot welds permitted.
- (d) Finish:
 - (i) Frame & Base: Epoxy powder coat finish; colour to be selected from manufacturer's full range of products.
 - (ii) Top: High pressure plastic laminate with 2mm rigid PVC edge; colour to be selected from manufacturer's entire range (to include option for 'white' or 'offwhite').
- (e) Hardware:
 - (i) Glides: Molded, adjustable, nylon glides to suit flooring type. Colour to be selected from manufacturer's full range of products. Confirm flooring type with Design Consultant prior to ordering.
 - (ii) Cable Management: Scuff resistant, high-impact rigid plastic wire management tray mounted to underside of table; sized to run length of table.

- (iii) Grommets: 3" diameter plastic grommet recessed into table top
- (f) Environmental Data: SCS Indoor Advantage Gold, with a minimum of 60% recycled content.
- (g) Warranty: Lifetime warranty; 10 years warranty for grommets.

Revise E2.1.12 to read: Item 12 (TB7A) Self Check Table shall be rectangular, height adjustable, t-leg c/w glides. **To be from same manufacturer and series as TB6 and TB7B.**

- (a) Acceptable Products: K.I., Trek, Model: T254P-74P
- (b) Dimensions: 30"D x 48"L x 26-32"H (adj. range)
- (c) Construction:
 - (i) Base: Two 2-1/4" 14 gauge elliptical tubular steel leg column c/w end cap welded to 1/4" solid steel plate. Leg assembly to be 16 gauge tapered T-leg c/w steel collar.
 - (ii) Top: 1-1/8" thick rectangular top w/ high-density particleboard core and phenolic backing sheet. Finish to be high pressure laminate c/w flat profile, squared edges.
 - (iii) Connections: Metal to metal connections throughout, no spot welds permitted.
- (d) Finish:
 - (i) Frame & Base: Epoxy powder coat finish; colour to be selected from manufacturer's full range of products.
 - (ii) Top: High pressure plastic laminate with 2mm rigid PVC edge; colour to be selected from manufacturer's entire range (to include option for 'white' or 'offwhite').
- (e) Hardware:
 - (i) Glides: Molded, adjustable, nylon glides to suit flooring type. Colour to be selected from manufacturer's full range of products. Confirm flooring type with Design Consultant prior to ordering.
 - (ii) Pin-Height Adjust Mechanism: Sliding leg assemblies over leg columns c/w locking pins. Adjustable between 26" to 32" high in one inch increments.
 - (iii) Cable Management: Scuff resistant, high-impact rigid plastic wire management tray mounted to underside of table; sized to run length of table.
 - (iv) Grommets: 3" diameter plastic grommet recessed into table top.
- (f) Environmental Data: SCS Indoor Advantage Gold, with a minimum of 60% recycled content.
- (g) Warranty: Lifetime warranty; 10 years warranty for grommets.

Revise E2.1.13 to read: Item 13 (TB7B) shall be Self-Check Table: rectangular, fixed t-leg c/w glides. **To be from same manufacturer and series as TB6 and TB7A.**

- (a) Acceptable Products: K.I., Trek, Model: T254F-74P
- (b) Dimensions: 30"D x 48"L x 36"H
- (c) Construction:
 - (i) Base: Two 2-1/4" 14 gauge round tubular steel leg column c/w end cap. Leg assembly to be 16 gauge tapered T-leg.
 - (ii) Top: 1-1/8" thick rectangular top w/ high-density particleboard core and phenolic backing sheet. Finish to be high pressure laminate c/w flat profile, squared edges.
 - (iii) Connections: Metal to metal connections throughout, no spot welds permitted.
- (d) Finish:
 - (i) Frame & Base: Epoxy powder coat finish; colour to be selected from manufacturer's full range of products.
 - (ii) Top: High pressure plastic laminate with 2mm rigid PVC edge; colour to be selected from manufacturer's entire range (to include option for 'white' or 'offwhite').
- (e) Hardware:
 - (i) Glides: Molded, adjustable, nylon glides to suit flooring type. Colour to be selected from manufacturer's full range of products. Confirm flooring type with Design Consultant prior to ordering.
 - (ii) Cable Management: Scuff resistant, high-impact rigid plastic wire management tray mounted to underside of table; sized to run length of table.
 - (iii) Grommets: 3" diameter plastic grommet recessed into table top.
- (f) Environmental Data: SCS Indoor Advantage Gold, with a minimum of 60% recycled

content.

(g) Warranty: Lifetime warranty; 10 years warranty for grommets.

Revise E2.1.14 to read: Item 14 (TB8) Children's Computer Table shall be: rectangular, height adjustable, c-leg c/w glides. **To be from same manufacturer and series as TB2, TB3, TB4, TB5, TB14A AND TB14B.**

(a) Acceptable Products: K.I., Synthesis, Model: S23CP-74P

(b) Dimensions: 24"D x 42"L x 27-32"H (adj. range)

(i) Construction:

(ii) Base: Two 1-5/8"x1-1/4" extruded aluminum, double column, c-legs attached to a 1/4" steel top joiner plate and foot with cast aluminum end caps.

(iii) Top: 1-1/4" thick rectangular top w/ high-density particleboard core, phenolic backing sheet, high pressure laminate c/w flat profile, squared edges.

(iv) Connections: Metal to metal connections throughout, no spot welds permitted.

(c) Finish:

(i) Frame & Base: Epoxy powder coat finish; colour to be selected from manufacturer's full range of products.

(ii) Top: High pressure plastic laminate with 2mm rigid PVC edge; colour to be selected from manufacturer's entire range (to include option for 'white' or 'offwhite').

(d) Hardware:

(i) Glides: Molded, adjustable, nylon glides to suit flooring type. Colour to be selected from manufacturer's full range of products. Confirm flooring type with Design Consultant prior to ordering.

(ii) Pin-Height Adjust Mechanism: Extruded aluminum channel over dual aluminum columns. Steel spring loaded pins, actuated by finger pressure. Adjustable between 27" to 32" high in one inch increments.

(iii) Cable Management: Scuff resistant, high-impact rigid plastic wire management tray mounted to underside of table; sized to run length of table.

(iv) Grommet: 3" diameter plastic grommet recessed into table top.

(e) Environmental Data: SCS Indoor Advantage Gold, with a minimum of 53% recycled content.

(f) Warranty: Lifetime warranty, 10 years warranty for grommets.

Revise E2.1.15 to read: Item 15 (TB14A) Computer Table shall be rectangular, fixed c-leg c/w glides. **To be from same manufacturer and series as TB2, TB3, TB4, TB5, TB8 AND TB14B.**

(a) Acceptable Products: K.I., Synthesis, Model: S24C-74P

(b) Dimensions: 24"D x 48"L x 29"H (+/-)

(c) Construction:

(i) Base: Two 1-5/8" x 1-1/4" extruded aluminum, double column, c-legs attached to a 1/4" steel top joiner plate and foot with cast aluminum end caps. Legs to be set forward to allow continuous routing of cords/cabling through wire management tray.

(ii) Top: 1-1/4" thick rectangular top w/ high-density particleboard core, phenolic backing sheet, high pressure laminate c/w flat profile, squared edges.

(iii) Connections: Metal to metal connections throughout, no spot welds permitted.

(d) Finish:

(i) Frame & Base: Epoxy powder coat paint finish; colour to be selected from manufacturer's full range of products.

(ii) Top: High pressure plastic laminate with 2mm rigid PVC edge; colour to be selected from manufacturer's entire range (to include option for 'white' or 'offwhite').

(e) Hardware:

(i) Glides: Molded, adjustable, nylon glides to suit flooring type. Colour to be selected from manufacturer's full range of products. Confirm flooring type with Design Consultant prior to ordering.

(ii) Cable Management: Scuff resistant, high-impact rigid plastic wire management tray mounted to underside of table; sized to run length of table.

(f) Grommet: 3" diameter plastic grommet recessed into table top.

(g) Environmental Data: SCS Indoor Advantage Gold, with a minimum of 53% recycled content.

(h) Warranty: Lifetime warranty; 10 years warranty for grommets.

Revise E2.1.16 to read: Item 16 (TB14B) shall be Computer Table: rectangular, height adjustable, c-leg c/w glides. **To be from same manufacturer and series as TB2, TB3, TB4, TB5, TB8 AND TB14A.**

(a) Acceptable Products: K.I., Synthesis, Model: S24CP-74P

(b) Dimensions: 24"D x 48"L x 27-32"H (adj. range)

(c) Construction:

(i) Base: Two 1-5/8" x 1-1/4" extruded aluminum, double column, c-legs attached to a 1/4" steel top joiner plate and foot with cast aluminum end caps. Legs to be set forward to allow continuous routing of cords/cablings through wire management tray.

(ii) Top: 1-1/4" thick rectangular top w/ high-density particleboard core, phenolic backing sheet, high pressure laminate c/w flat profile, squared edges.

(iii) Connections: Metal to metal connections throughout, no spot welds permitted.

(d) Finish:

(i) Frame & Base: Epoxy powder coat finish; colour to be selected from manufacturer's full range of products.

(ii) Top: High pressure plastic laminate with 2mm rigid PVC edge; colour to be selected from manufacturer's entire range (to include option for 'white' or 'offwhite').

(e) Hardware:

(i) Glides: Molded, adjustable, nylon glides to suit flooring type. Colour to be selected from manufacturer's full range of products. Confirm flooring type with Design Consultant prior to ordering.

(ii) Pin-Height Adjust Mechanism: Extruded aluminum channel over dual aluminum columns. Steel spring loaded pins, actuated by finger pressure. Adjustable between 27" to 32" high in one inch increments.

(iii) Cable Management: Scuff resistant, high-impact rigid plastic wire management tray mounted to underside of table; sized to run length of table.

(iv) Grommet: 3" diameter plastic grommet recessed into table top.

(f) Environmental Data: SCS Indoor Advantage Gold, with a minimum of 53% recycled content.

(g) Warranty: Lifetime warranty; 10 years warranty for grommets.

Revise E2.1.40 to read: Library Shelving, Adjustable Cantilever Type Metal Library Book Stack System Description:

(a) Welded frame system with components consisting of:

(i) Welded frame

(ii) Adjustable shelves and brackets of varying depth

(iii) Base shelves

(iv) Base shelf and brackets

(v) Canopy tops

(b) System shall be fully and easily adjustable, such that components are interchangeable and can be expanded or reconfigured as needed to suit collection growth and specialty shelving needs. End panels to be field removable and replaceable.

(c) All uprights and shelving units to be height adjustable in 25mm (1") increments and allow for conversion for the conversion of single to double faced units in the field.

(d) Floor and wall anchors and fully adjustable leveling system to be provided for each section.

(e) Standard Unit Sizes:

(i) Overall width of individual shelving units to be 915 mm (36")

(ii) Overall heights to be 1676 mm (66") and 1066 mm (42") as noted in E3. EQUIPMENT ITEMIZATION.

(iii) Single-faced unit overall depths to be 330/355 mm (13/14") overall and double faced unit overall depths to be 610/660 mm (24/26").

(iv) Clear typical shelving depth to be 254 mm (10") unless noted otherwise. Base shelving to be 280/305mm (11/12") clear depth unless noted otherwise.

(f) Components:

(i) Welded Frame Upright:

1. The welded frame shall consist of 2 vertical upright columns constructed of a minimum 14 gauge steel. Upright column shall be 50 mm (2") deep with a 32mm (1-1/4") face with 13mm (1/2") return flanges. The uprights shall have shelf attachment slots on 25mm (1") increments the entire length of the upright. Slots shall be 16mm (5/8") x 6mm (1/4"). Uprights shall include location indicators the entire length of upright on a minimum of 152mm (6") centers.
2. Non-welded frame cantilever type shelving units are not acceptable.

(ii) Top and Bottom Spreaders:

1. The tubular top spreader shall be a minimum of 14 gauge steel tube 64mm (2.5") tall x 25mm (1") wide.
2. The bottom spreader channel shall be a 16 gauge channel with built-in or predrilled capacity for floor levelers.

(iii) Base Supports:

1. Base support shall be provided for lateral unit stability. The support shall be min. 14 gauge steel 228mm (9") high with a 25mm (1") return on the bottom. Support shall be bolted to frame upright and designed and constructed with shear tabs with interlock/mate with the upright to provide additional stability and assist in alignment of base support to frame. Base support design must allow the frame to transfer loads to floor or levelers.
2. Base support brackets that put the bolted connection in shear are unacceptable.

(iv) Shelf End Brackets:

1. Minimum 16 gauge steel of a depth not less than that of the shelf on which they are used and shall extend not less than 152mm (6") above the top surface of the shelf. The top and front edges shall be flanged outwardly to a half round profile to prevent accidental knifing of material. Shelf brackets shall have a minimum of two hooks at the top for engaging into the column (post) and one safety lug to prevent accidental dislodgment at the bottom. Outward embossment in the upper front corner of the shelf brackets shall act as shelf spacers and prevent overlapping of shelf end brackets. For aesthetic reasons as well as to prevent sharp corners, the upper front corner of the shelf brackets shall have a radius of not less than 25mm (1"). The base of the end brackets will have two lanced tabs that interlock with the shelf and provide firm support for the shelf. Lance tabs and shelf shall be provided with 6 mm (1/4") holes for optional bolting of components. The front edge of the end bracket shall have a 15 degree slope.

(v) Base Shelves:

1. Shelves shall be formed from minimum 18 gauge cold rolled steel with a triple 90 degree bend on the rear of shelf and a double bend with a 76 mm (3") surface at the front. Shelf ends to be turned down 90 degrees to engage and interlock into the shelf end brackets.

(vi) Adjustable Shelves:

1. Shelves shall be formed from minimum 18 gauge cold rolled steel with a triple 90 degree bend on both front and rear edges with a shelf thickness to be 19 mm (7.5"). Shelf ends to be turned down 90 degrees to engage and interlock into the shelf end brackets. Shelves shall be no less than 6 mm (1/4") from actual dimension specified.
2. Shelves shall support book loads of minimum 50 pounds per square foot.
3. Shelves shall include integral backstops of a minimum 50mm (2") high or shall include separate attachable back stops.

(vii) Backstops:

1. Backstops shall be adjustable where specified and available in a minimum height of 50mm (2") where fixed.

2. Backstops shall fit in to upright slots and be available in double sided configuration.
- (viii) Corner Fillers:
1. Steel full height corner unit with closed top.
- (ix) Wall Anchor Brackets:
1. (i) Provide metal brackets for attaching single faced units to building walls that are securely fastened to welded frame top spreader and to structural wall element using prescribed hardware.
 2. (ii) All brackets shall be the same paint colour and material as the shelving frame.
- (g) Accessories:
- (i) End Panels: Panels to be constructed of 25mm (1") thick plywood with high high pressure custom choice plastic laminate finish (**selection to be provided by Design Consultant at award**) with flat profilematching 3mm PVC edge. Gables to encompass full height of library shelving supports, aligning with top canopy and be mechanically fastened to metal end supports.
- (ii) Canopy Tops: Flat, steel canopy tops to extend the full width and depth of the unit base, bracketed to uprights.
- (iii) Integral Back Base Shelves: 280mm (11") deep, flat, fixed base shelf to include 76mm (3") base front with 2" min. backstop, end brackets and one wire divider per 915mm (36") opening.
- (iv) Closed Base Shelves with Dividers: 280mm (11") deep, flat, fixed base shelf with 4-5"H backstop slotted on 25mm (1") centers to accommodate dividers. Include back and brackets. Five dividers 6-9" high to be provided per 915mm (36") shelf.
- (v) Periodical Base Shelves: 305mm (12") deep, 355 mm (14")H sloped, fixed height, display surface hinged for access of storage behind.
- (vi) Adjustable Integral Back Shelves: 250mm (10") deep, flat, adjustable shelves to include 50mm (2") min. backstop, end brackets and one wire divider per 915mm (36") opening.
- (vii) Divider Shelves with Adjustable Backstop: 250mm (10") deep, flat, adjustable shelving to include 4-5"H adjustable backstop slotted on 25mm (1") centers to accommodate dividers. Include back and brackets. Five dividers 6-9" high to be provided per 915mm (36") shelf.
- (viii) Fixed Sloped Display Shelves: Sloped for face-out display of books of varying depths (up to 2") and heights 12-14"; end brackets to be included.
- (h) Periodical Base Shelves and Periodical Display Shelves:
- (i) Sloping display shelves hinged to an adjustable shelf and base shelf brackets.
- (ii) Base shelves to be non-adjustable.
- (iii) Shelving to accommodate a 14" high periodical, and be hinged to provide a clear storage height of 8" within. Mechanism to be included to allow shelf to stand in open position without assistance.
- (iv) Lower edge of display shelf shall have a flange and turned up lip to provide a 1" clearance behind lip.
- (v) Provide triple 90 degree bend on both front and rear edge to avoid sharp edges.
- (vi) Include rubber bumpers for sound deadening.
- (vii) Flat storage shelves shall have a minimum 12" depth.
- (viii) Book Supports/Dividers (as noted): Each 915mm (36") flat shelf to include one sliding wire book support/divider that attaches to and slides along back edge of integral shelves. Divider shelves to include 5 hook on book supports/dividers of 6-9" in height. Additional wire supports/dividers for future use are listed in Equipment Itemization Table.
- (i) Finishes:
- (i) All components to be formed and finished in a manner that has no exposed sharp edges to reduce risk of injury.
- (ii) All metal components to be painted with an electrostatically applied powder

coat paint that meets or exceeds specifications set forth by the American Library Association for Cantilever Bracket Type Metal Library Bookstacks published in their Library Technology Reports.

(iii) Paint colours to be selected from manufacturer's full range of paint finishes. Finishes to be guaranteed available for a period of 18 months after installation complete to facilitate ordering of additional shelving/components etc. if required.

(iv) End panels to receive custom selected high pressure plastic laminate finish with matching 3mm flat profile PVC edging. Finish selection to be provided by Design Consultant upon award of contract.

(j) Shop Drawings:

(i) Show fabrication, assembly, and installation details including descriptions of procedures and diagrams. Show complete extent of library bookstack installation layout including quantities, locations and types of accessory units required. Include notations and descriptions of all installation items and components.

(ii) Show installation details at non-standard conditions, if any.

(iii) Provide layout, dimensions, and identification of each unit corresponding to sequence of installation and erection procedures.

(iv) Provide installation schedule and complete erection procedures to ensure proper installation.

(v) Submit minimum 75 mm square samples of each color and texture on actual substrate for each component to remain exposed after installation.

(k) Installation:

(i) Install library book stacks in accordance with reviewed shop drawings and manufacturer's printed instructions.

(ii) Installation to be performed by a skilled tradesman employed by specialty company recognized and trained as approved installer by manufacturer with successful experience on projects of similar size, requirements and complexity.

(iii) Follow manufacturer's written instructions for installation of each type of accessory item specified. Verify accessory unit alignment and plumb after installation. Correct if required following manufacturer's instructions.

(iv) Securely fasten single faced units to walls using prescribed hardware as per manufacturer's written instructions.

(v) Remove components that are chipped, scratched, or otherwise damaged and which do not match adjoining work. Replace with new matching units, installed as specified and in manner to eliminate evidence of replacement.

(vi) Adjust all accessories to provide smoothly operating, visually acceptable installation.

(vii) Comply with manufacturer's printed instructions for cleaning and touch-up of minor finish damage. Remove and replace work that cannot be successfully cleaned and repaired to permanently eliminate evidence of damage.

(l) Warranty:

(i) Manufacturer's Product Warranty: provide an extended warranty for Work of this Section consisting of a Limited Lifetime Warranty from date of Substantial Performance of the Work. Manufacturer hereby warrants library stack systems against defects in materials and workmanship, and these or other observed defects and deficiencies will be repaired or replaced to the satisfaction of the Consultant and Owner, and at no expense to Owner.