

BOARD OF EDUCATION
BALLSTON SPA CENTRAL SCHOOLS
BALLSTON SPA, NEW YORK 12020

BID ANALYSIS

ITEM BID: 2025-2026 Folding Partition Bid

DATE ADVERTISED: **SARATOGIAN** 10/6/2025

DAILY GAZETTE 10/6/2025

DATE OF BID OPENING: 11/12/2025

NUMBER OF VENDORS CONTACTED: 7

NUMBER OF BIDS RECEIVED: 4

SOURCE OF FUNDS: _____

BIDDERS:

Tri State Folding
Nickerson NY LLC
Precision Door & Hardware LLC
School Specialty

LOW BID: (indicate name and address)

Tri State Folding Partitions Inc \$82,450.00
608 Chestnut Ridge Road
Chestnut Ridge, NY 10977

RECOMMENDATION:

Award by item to the lowest responsible bidder as per attached

BOARD APPROVAL DATE: 11/19/2025

Vendor Mail List - Folding Partition Bid

Henderson-Johnson Company 918 Canal Street Syracuse, NY 13210 315-479-5561 Attention: Mike Bellinger mbellinger@hjcoinc.com	No Bid
Tri-State Folding Door 608 Chestnut Ridge Road Chestnut Ridge, NY 10977 845-352-4944 Attention: Peter Mucciolo/Eileen DiPinto lilpete@tristatefolding.com	\$ 82,450.00
Nickerson Corporation 517 West Farm Woods Lane Fort Ann, NY 12827 518-598-2573 Attention: Josh Prevost jprevost@nickersoncorp.com	\$ 95,000.00
BR Johnson 6960 Fly Road East Syracuse, NY 13057 518-365-5346 315-565-3320 Brian Haskin bhaskin@brjohnson.com	\$ 104,630.00
Procurement Service Manager 3 Flower Lane Valley Cottage, NY 12018 Camilla Hester cnryan875@gmail.com	No Bid
School Specialty 140 Marble Drive Lancaster, PA 17601 717-581-7729 Patricia Johnson Patricia.johnson@schoolspecialty.com	No Bid
Construct Connect Kathy Lyons 513-458-5987 kathy.Lyons@constructconnect.com	No Bid

Specifications

SECTION 102239

FOLDING PANEL PARTITIONS

PART 1 - GENERAL

1.1 SUMMARY

- A. Section Includes:
 - 1. Manually operated, acoustical panel partitions.

1.2 DEFINITIONS

- A. STC: Sound Transmission Class.

1.3 PREINSTALLATION MEETINGS

- A. Pre-installation Conference: Conduct conference at Project site.

1.4 ACTION SUBMITTALS

- A. Product Data: For each type of product.
- B. Shop Drawings: For operable panel partitions.
 - 1. Include plans, elevations, sections, details, numbered panel installation sequence, and attachments to other work.
 - 2. Indicate stacking and operating clearances. Indicate location and installation requirements for hardware and track, blocking, and direction of travel.
 - 3. Include diagrams for power, signal, and control wiring.
 - 4. Include location of pass doors.
- C. Samples for Initial Selection: For each type of exposed material, finish, covering, or facing.
 - 1. Include Samples of accessories involving color selection.
- D. Samples for Verification: For each type of exposed material, finish, covering, or facing, prepared on Samples of size indicated below:

1. Panel Facing Material: Manufacturer's standard-size unit, not less than 3 inches (75 mm) square.

- E. Delegated-Design Submittal: For operable panel partitions.

1.5 INFORMATIONAL SUBMITTALS

- A. Qualification Data: For qualified Installer
- B. Product Certificates: For each type of operable panel partition.
 1. Include approval letter signed by manufacturer acknowledging Owner-furnished panel facing material complies with requirements.
- C. Product Test Reports: For each operable panel partition, for tests performed by a qualified testing agency.
- D. Field quality-control reports.
- E. Sample Warranty: For manufacturer's special warranty.

1.6 CLOSEOUT SUBMITTALS

- A. Operation and Maintenance Data: For operable panel partitions to include in maintenance manuals.
 1. In addition to items specified in Section 017823 "Operation and Maintenance Data," include the following:
 - a. Panel finish facings and finishes for exposed trim and accessories. Include precautions for cleaning materials and methods that could be detrimental to finishes and performance.
 - b. Seals, hardware, track, track switches, carriers, and other operating components.

1.7 MAINTENANCE MATERIAL SUBMITTALS

- A. Furnish extra materials, from the same production run, that match products installed and that are packaged with protective covering for storage and identified with labels describing contents.
 1. Panel Finish-Facing Material: Furnish full width in quantity to cover both sides of two panels when installed.

1.8 QUALITY ASSURANCE

- A. Installer Qualifications: An entity that employs installers and supervisors who are trained and approved by manufacturer.

1.9 DELIVERY, STORAGE, AND HANDLING

- A. Protectively package and sequence panels in order for installation. Clearly mark packages and panels with numbering system used on Shop Drawings. Do not use permanent markings on panels.

1.10 WARRANTY

- A. Special Warranty: Manufacturer agrees to repair or replace components of operable panel partitions that fail in materials or workmanship within specified warranty period.
 - 1. Failures include, but are not limited to, the following:
 - a. Faulty operation of operable panel partitions.
 - b. Deterioration of metals, metal finishes, and other materials beyond normal use.
 - 2. Warranty Period: Five years from date of Substantial Completion.

PART 2 - PRODUCTS

2.1 PERFORMANCE REQUIREMENTS

- A. Delegated Design: Engage a qualified professional engineer, to design seismic bracing of tracks to structure above.
- B. Seismic Performance: Operable panel partitions shall withstand the effects of earthquake motions determined according to ASCE/SEI 7
 - 1. The term "withstand" means "the partition panels will remain in place without separation of any parts from the system when subjected to the seismic forces specified."
- C. Acoustical Performance: Provide operable panel partitions tested by a qualified testing agency for the following acoustical properties according to test methods indicated:
 - 1. Sound-Transmission Requirements: Operable panel partition assembly tested for laboratory sound-transmission loss performance according to ASTM E 90, determined by ASTM E 413, and rated for not less than the STC indicated.
- D. Fire-Test-Response Characteristics: Provide panels with finishes complying with one of the following as determined by testing identical products by UL or another testing and inspecting agency acceptable to authorities having jurisdiction:
 - 1. Surface-Burning Characteristics: Comply with ASTM E 84 or UL 723; testing by a qualified testing agency. Identify products with appropriate markings of applicable testing agency.
 - a. Flame-Spread Index: 25 or less.

- b. Smoke-Developed Index: 450 or less.

2.2 OPERABLE ACOUSTICAL PANELS

- A. Operable Acoustical Panels: Partition system, including panels, seals, finish facing, suspension system, operators, and accessories.
 - 1. Basis-of-Design: KWIK-WALL Company; Series 2000, Model 2030
 - 2. Or Equal.
- B. Panel Operation: Manually operated, hinged paired panels.
- C. Panel Construction: As required to support panel from suspension components and with reinforcement for hardware attachment. Fabricate panels with tight hairline joints and concealed fasteners. Fabricate panels so finished in-place partition is rigid; level; plumb; aligned, with tight joints and uniform appearance; and free of bow, warp, twist, deformation, and surface and finish irregularities.
- D. Dimensions: Fabricate operable acoustical panel partitions to form an assembled system of dimensions indicated and verified by field measurements.
 - 1. Panel Width: Standard panel dimension shall be a nominal 3" thick
- E. Panel Frame: Vertical steel frame members shall be minimum 18-gauge galvanized steel, horizontal top cross member shall be minimum 12-gauge galvanized steel, which meets or exceeds ASTM A 653 requirements. Frame shall be all-welded construction with steel corner supports and cross-bracing reinforcements. Panel frame shall be Class A rated fire retardant, non-combustible and non-corrosive in accordance with ASTM E 84.
- F. Panel Skins: Panel skins shall be Class A rated in accordance with ASTM E 84. Panel skin material shall consist of:
 - 1. Acoustical Substrate: consisting of structural acoustical substrate pressure laminated to both sides of the steel frame to form a rigid, unitized and structural panel.
- G. Panel Hinges: Panel hinges shall be architectural grade, full leaf butt hinges. Hinges shall be attached to the steel frame of the panel and reinforced with a steel backer plate.
- H. Panel Weight: Maximum panel weight shall be 9.8 lb./ft². Panels exceeding this weight will not be acceptable.
- I. STC: Not less than 49
- J. Panel Thickness: Not less than 3 inches (75 mm)
 - 1. Steel Frame: Steel sheet (manufacturer's standard)

2. Steel Face/Liner Sheets: Tension-leveled steel sheet, (manufacturer's standard)
3. Aluminum: Alloy and temper recommended by aluminum producer and finisher for type of use, corrosion resistance, and finish indicated; ASTM B 221 (ASTM B 221M) for extrusions; manufacturer's standard strengths and thicknesses for type of use.

a. Frame Reinforcement: Manufacturer's standard steel or aluminum.

4. Gypsum Board: ASTM C 1396/C 1396M.
5. Cement Board: ASTM C 1288.
6. Particleboard: ANSI A208.1.
7. Medium-Density Fiberboard: ANSI A208.2.
8. Plywood: DOC PS 1.

K. Panel Closure: Manufacturer's standard unless otherwise indicated.

1. Initial Closure: Initial Closure System: The lead panel (the first panel exiting the stack) shall form a seal vertically against a rigid wall surface, as accomplished by a:
 - a. *Bulb Seal*: consisting of continuous-contact, flexible vinyl bulb seals installed along the vertical edge of the lead panel for positive compression against a rigid wall surface.

L. Final Closure: The final closure panel (the last panel exiting the stack) shall form a seal vertically against a rigid wall surface. The type of final closure panel shall be:

1. *Expander Panel Closure*: consisting of an expander mechanism with a nominal 5" [127] of travel, activated from the face of the panel using a removable wrench as supplied by manufacturer. The Expander Panel shall be equipped with an adjustable bottom seal (standard) and a flush pull handle.

M. Hardware: Manufacturer's standard as required to operate operable panel partition and accessories; with decorative, protective finish.

1. Hinges: (Manufacturer's standard)

2.3 PERIMETER TRIM AND SEALS

A. Vertical Trim and Seals: Panels shall have vertical astragals containing flexible vinyl seals and incorporate reversible tongue-and-groove-type configurations for positive interlocking with adjacent panels. Vertical astragal type shall be:

1. *Trimless Astragal*: consisting of an aluminum extrusion with tongue-and-groove-type vertical astragals. Vertical trim shall not be permitted on the panel faces, resulting in a minimal groove appearance between adjacent panels.

B. Horizontal Top Trim and Seals: Top seals shall consist of flexible vinyl sweep seals installed on both sides of the panel. The seals shall consist of a compressed bulb between two (2) fingers of vinyl. Top seal type shall be:

1. *Fixed Top Seals*: consisting of continuous-contact flexible vinyl sealing against the bottom flange of the overhead track.
- C. Horizontal Bottom Trim and Seals: Bottom seals shall consist of multiple fingers of flexible vinyl for positive contact and sealing with various floor surfaces. Bottom seal type shall be:
 1. *Operable Bottom Seals*: consisting of an edge-activated seal using a removable wrench as supplied by manufacturer. Bottom seals shall provide 2" [50.8] of nominal travel.

2.4 PANEL FINISH FACINGS

- A. General: Provide finish facings for panels that comply with indicated fire-test-response characteristics and that are factory applied to operable panel partitions with appropriate backing, using mildew-resistant nonstaining adhesive as recommended by facing manufacturer's written instructions. Panel finish material shall be Class A rated in accordance with ASTM E 84, consisting of:
 1. *Vinyl*: consisting of Type II, reinforced vinyl weighing 21 oz./lin. yd. (651 g/lin. m). Vinyl shall meet or exceed CCC-W-408A and CFFA-W-101-D quality standards.
 2. Apply one-piece, seamless facings free of air bubbles, wrinkles, blisters, and other defects, with no gaps or overlaps. Horizontal (buted edges/seams) are not permitted. Tightly secure and conceal raw and selvage edges of facing for finished appearance.
 3. Finish Material Supplier: Finish material shall be selected by Architect, from full range of available custom colors and fabrics.
 4. Finish Material Application: Finish material shall be Standard Factory Applied by operable wall manufacturer. Customer supplied finish material samples must be submitted to manufacturer for testing and approval prior to acceptance and application.
- B. Cap-Trimmed Edges: Protective perimeter-edge trim with tight hairline joints concealing edges of panel and finish facing, finished as follows:
 1. Steel, Painted: Color as selected by Architect from manufacturer's full range.
 2. Aluminum: Finished with manufacturer's standard color anodic finish.
- C. Trimless Edges: Fabricate exposed panel edges so finish facing wraps uninterrupted around panel, covering edge and resulting in an installed partition with facing visible on vertical panel edges, without trim, for minimal sightlines at panel-to-panel joints.

2.5 SUSPENSION SYSTEMS

Tracks: Intent of this project is to re-use the existing track system. Manufacturer shall confirm the existing track is sufficient to adequately support the load of the new panel system. Provide engineer's stamped certification of acceptable of structural capacity of existing track system to remain.

2.6 ACCESSORIES

- A. Pass Doors: Swinging door built into and matching panel materials, construction, acoustical qualities, fire rating, finish and thickness, complete with frames and operating hardware. Hinges finished to match other exposed hardware.
 - 1. Accessibility Standard: Fabricate doors to comply with applicable provisions in ICC A117.1 and ADA-ABA
 - 2. Single Pass Door: 36 by 80 inches, 1 per wall
 - 3. Pass-Door Hardware: Equip pass door with the following:
 - a. Door Seals.
 - b. Hardware.
 - c. Concealed door closer.
 - d. Door Viewer: Installed with view in direction of swing.
 - e. Latchset: Passage set.

PART 3 - EXECUTION

3.1 EXAMINATION

- A. Examine flooring, structural support, and opening, with Installer present, for compliance with requirements for installation tolerances and other conditions affecting performance of operable panel partitions.
- B. Proceed with installation only after unsatisfactory conditions have been corrected.

3.2 INSTALLATION

- A. General: Comply with ASTM E 557 except as otherwise required by operable panel partition manufacturer's written installation instructions.
- B. Install operable panel partitions and accessories after other finishing operations, including painting, have been completed in area of partition installation.
- C. Install panels from marked packages in numbered sequence indicated on Shop Drawings.
- D. Broken, cracked, chipped, deformed, or unmatched panels are not acceptable.
- E. Broken, cracked, deformed, or unmatched gasketing or gasketing with gaps at butted ends is not acceptable.
- F. Light-Leakage Test: Illuminate one side of partition installation and observe vertical joints and top and bottom seals for voids. Adjust partitions for alignment and full closure of vertical joints and full closure along top and bottom seals.

3.3 FIELD QUALITY CONTROL

- A. An operable panel partition installation will be considered defective if it does not pass tests and inspections.
- B. Prepare test and inspection reports.

3.4 ADJUSTING

- A. Adjust operable panel partitions, hardware, and other moving parts to function smoothly, and lubricate as recommended by manufacturer.
- B. Adjust pass doors to operate smoothly and easily, without binding or warping.
- C. Verify that safety devices are properly functioning.

3.5 MAINTENANCE SERVICE

- A. Maintenance Service: Beginning at Substantial Completion, maintenance service shall include 12 months' full maintenance by manufacturer's authorized service representative. Include quarterly preventive maintenance, repair or replacement of worn or defective components, lubrication, cleaning, and adjusting as required for proper operable-partition operation. Parts and supplies shall be manufacturer's authorized replacement parts and supplies.

3.6 DEMONSTRATION

- A. Engage a factory-authorized service representative to train Owner's maintenance personnel to adjust, operate, and maintain operable panel partitions.

END OF SECTION 10 22 39