

**LEGAL NOTICE  
REQUEST FOR PROPOSALS  
MANCHESTER PUBLIC SCHOOLS  
TOWN OF MANCHESTER, CONNECTICUT**

**RFP #015-005**

Manchester Public Schools will receive proposals in the Office of the Assistant to the Superintendent, Finance and Management, 45 North School Street, Manchester, Connecticut 06042 on the date and time listed below for the following:

**Stage Operable Wall Replacement at Waddell Elementary School**

**Proposals will be accepted until Monday, December 29, 2014, at 1:30 p.m.**

The right is reserved to reject any and all proposals. Specifications and forms may be obtained from our website [www.mpspride.org](http://www.mpspride.org) or:

Manchester Public Schools  
Office of the Assistant to the Superintendent,  
Finance and Management  
45 North School Street  
Manchester, Connecticut 06042

during regular office hours between 8:00 a.m. and 4:00 p.m. or by calling (860) 647-3445.

There will be an optional walkthrough on Monday, December 15, 2014 at 10:00 a.m. Please call 860-647-3445 to schedule your appearance.

Manchester Public Schools is an equal opportunity employer and requires affirmative action policy for all of its contractors and vendors as a condition of doing business with the school district, as per Federal Order 11246.

Patricia F. Brooks  
Manchester Public Schools  
Assistant to the Superintendent  
Finance and Management

## INSTRUCTIONS TO PROPOSERS

These instructions are standard for all proposals issued by Manchester Public Schools, Manchester, CT, where a vendor is to furnish professional services, labor, materials and/or necessary equipment to complete a proposal as outlined in our detailed specifications. Manchester Public Schools (MPS) may delete, supersede or modify any of these standard instructions for a particular proposal.

- 1.0 The attached proposal is signed by the bidder with full knowledge of an agreement with the general specifications, conditions and requirements of this Proposal.
- 1.1 Submit two (2) copies of the Proposal in an envelope marked with the Proposer's name and address on the upper left hand corner. Proposal shall be made out in the exact form of the enclosed Proposal Form on proposer's letterhead and shall be signed by an officer of the company or corporation. **Proposals are to plainly marked in the lower left hand corner with bid number, name of project, opening date and time.**
- 1.2 Bids received later than the date and time specified will not be considered. Amendments to or withdrawals of proposals received later than the date and time set for proposal opening will not be considered.
- 1.3 All deliveries of commodities shall comply with all applicable laws of the Federal Government and/or the State of Connecticut. Purchases made by MPS are exempt from the payment of Federal Excise Taxes and the State of Connecticut Sales Tax and such taxes must not be included in the bid prices. All prices are FOB to Manchester, CT.
- 1.4 MPS reserves the right to reject any and all bids, to waive technical defects, and to make such awards including accepting a proposal, although not the low proposal, as it is deemed to be in the best interest of MPS.
- 1.5 MPS may withhold acceptance of work and payment when it is determined that said work or materials do not meet the specified requirements. Payment will not be made until work is to MPS official and/or authorized agent's satisfaction, and all work is certified.
- 1.6 MPS may make such investigation as deemed necessary to determine the ability of the bidder to discharge his contract. The bidder shall furnish MPS with all such information and data as may be required for this purpose. MPS reserves the right to reject any bid if the bidder fails to satisfactorily convince MPS that he/she is properly qualified by experience and/or does not have the facilities to carry out the worked called for herein. Conditional bids will not be accepted.
- 1.7 ALL MEASUREMENTS ARE THE RESPONSIBILITY OF THE PROPOSER.
- 2.0 Specifications cannot be modified by anyone other than the assigned agent for MPS.
- 2.1 Successful bidder is responsible for obtaining all necessary building permits as required by State and Town authorities. Cost for permits is waived for work done on school property.

- 2.2 Successful Proposer shall, after being awarded the contract, and before doing any work, furnish Certificates of Insurance, including Automobile Property Damage Liability, Public Liability and Workers Compensation Insurance in the amounts shown in APPENDIX A.

The contractor shall carry insurance under which Manchester Public Schools and the Town of Manchester, CT, shall be named as an additional insured for the duration of this work.

All Liability Insurance required herein shall be Comprehensive, General and Automobile Bodily Injury and Property Damage Policy or Policies.

Certificate of Contractor Liability shall be filed with the owner before work is started and contain a ten (10) day written notice of cancellation clause.

- 2.3 During construction the Contractor will keep the site clean and orderly at all times. Upon completion of the work called for, the contractor shall remove from the premises all rubbish, tools, equipment and the like, leaving said premises in a clean, safe and orderly condition.
- 2.4 All work done under this proposal must comply with all State and Town codes and licensed tradesmen will be used where applicable.
- 2.5 Payments for labor and material will only be made upon installation. No payments will be made for material stored on the site.
- 2.6 The work included in these specifications covers all labor, material equipment, and services required to complete what is listed in the Request for Proposal.
- 2.7 All work must be scheduled during normal MPS working hours.
- 2.8 The Contractor shall and does hereby, as part of the contract, guarantee all materials and workmanship to be of first quality and that the finished work will remain in satisfactory condition for a period of one (1) year from the date of final acceptance of work performed or as specified in the proposal. The date of acceptance is considered to be the date of final payment for the work involved.
- 2.9 The Contractor shall be required to submit the AFFIRMATIVE ACTION STATEMENT, APPENDIX B, with their completed proposal package. The successful Contractor shall comply in all respects with the Equal Employment Opportunity Act. Findings of non-compliance with applicable State and Federal equal opportunity laws and regulations will be sufficient reason for revocation or cancellation of this contract.
- 2.10 The contractor shall be required to complete the CONTRACTOR INDEMNIFICATION, APPENDIX C, with their completed proposal package.
- 2.11 Each proposal must be accompanied by a bid bond or certified check payable to Manchester Public Schools for ten percent of the total proposal. The bond must be furnished by a surety company satisfactory to MPS and must be a corporate surety

licensed to sign surety bonds in the State of Connecticut. The Town of Manchester and Manchester Public Schools will not be liable for any interest on any certified check submitted. Cashiers' checks made payable to Manchester Public Schools will be accepted.

- 3.0 Code Requirements: Contractors should be aware that all Public Schools are required by State and Federal regulations to comply with all laws pertaining to asbestos containing building materials (ACBM) in their schools.

It is required that any design professional and/or contractor that enters into a contractual agreement with MPS pertaining to building renovations or additions shall ensure that all building materials specified and/or to be installed are of a non-asbestos material. In order to verify this, the owner requires the successful contractor to submit Material Safety Data Sheets (MSDS) detailing the building material.

All contractors/design professionals are encouraged to inspect the AHERA Asbestos Management Plan prior to commencing any work. Any questions regarding ACBM or this requirement should be addressed to the owner's Asbestos Management Planner.

Any asbestos encountered in construction shall be brought to the owner's attention prior to continuation of work. Removal will be done in accordance with all Federal, State and local laws and regulations.

- 3.1 Disabilities Code Requirements: In order to meet the needs of persons with disabilities, when applicable all items shall comply with the current Connecticut Basic Building Code including ICC/ANSI A 117.1-1998, Section 504 Rehabilitation Act 1973 including the Uniform Federal Accessibility Standards (UFA) and 504 Regulations, and the Americans with Disabilities Act Title II including Americans with Disabilities Act Accessibility Guidelines (ADAAG) and ADA Regulations.

Compliance with the current Connecticut Fire Safety Code and current OSHA – Title 29/Labor is also required when applicable. Contractor must provide proof of having attended OSHA 10 hour Construction Standard Training course for any projects over \$100,000 (effective July 2007).

The "items" shall include, but are not limited to; fixtures, furnishings, equipment, workstations (including built-ins), playground equipment, laboratory fume hoods, darkroom equipment, welding stations, shop equipment, etc.

- 3.2 There shall be no smoking or other use of tobacco products in any school building at any time, nor on school grounds during normal school hours. Proper attire is to be worn at all times. Contractor's personnel shall use extreme caution while driving motor vehicles on school property.
- 3.3 The Contractor shall not sublet, sell, transfer, assign or otherwise dispose of contract or any portion thereof or of his right, title or interest therein, or of his obligations thereunder, without consent of MPS.

- 3.4 Hold Harmless: The Contractor/Insured shall indemnify and hold harmless the owner and, if applicable, the engineer and their agents and employees from and against all claims, damages, losses and expenses, including attorney's fees of counsel selected by the owner, arising out of or resulting from the performance of the work and/or the supplying of materials, provided that any such claim, damage, loss or expense (a) is attributable to bodily injury, sickness, disease or death, or to injury to or destruction of tangible property including the loss of use resulting there from, and (b) is caused in whole or in part by any negligent act or omission of the Contractor/Insured, any subcontractor, anyone directly or indirectly employed by any of them or anyone for whose acts any them may be liable, regardless of whether or not they are caused in part by a party indemnified hereunder.
- 3.5 Prevailing Wage Rates: The wages paid on an hourly basis to any mechanic, laborer or workman employed upon the work herein contracted to be done and the amount of payment of contribution paid or payable on behalf of each such employee to any employee welfare fund defined in subsection (h) of this section (31-53 of the General Statutes,) shall be at a rate equal to the rate customary or prevailing for the same work in the same trade or occupation in the town in which such public works project is being constructed. Any contractor who is not obligated by agreement to make payment or contribution on behalf of such employee to any such employees' welfare fund shall pay to each employee as of his wages the amount of payment or contribution for his classification on each payday.

Upon the award of any contract subject to the provisions of this section, the Contractor to whom such contract is awarded shall certify, under oath to the Labor Commissioner, the pay scale to be used by such contractor and any of his subcontractors for work to be performed under such contract. The Contractor shall fully comply with all provisions of Public Act 93-392 including weekly submission of certified payrolls accompanied by a Compliance Statement and shall be subject to such sanctions mandated for violations of said Public Act.

The provisions of this section shall not apply where the total cost of all work to be performed by ALL Contractors and Subcontractors in connection with new construction of any public works project is less than Four Hundred thousand dollars or where the total cost of all work to be performed by ALL Contractors and Subcontractors in connection with any remodeling, refinishing, refurbishing, rehabilitation, alteration or repair of any public works project is less than ONE HUNDRED thousand dollars.

**NOTICE TO ALL CONTRACTORS, BUILDERS AND HOMEOWNERS**

**Please pay particular attention to the following list of inspections. Requirements will be strictly adhered to.**

Pursuant to Section 113.0 of the State of Connecticut Basic Building code, the following inspections **are required** by the Manchester Building Department:

1. Site inspection – before permit is issued.
2. When footing forms are in place and before concrete is placed.
3. When foundation forms are in place and before concrete is placed.
4. After foundation is erected, waterproofed and footing drains installed.
  - a. \*\*\*Before construction above foundation is started two “As Built” foundation location plans must be filed with the Building Department.
5. When forms for structural slabs, panels or columns are in place and before concrete is placed.
6. Fireplace when the top of the smoke chamber is reached.
7. 1<sup>st</sup> roof/felt/ice and water shield (nailing shall be at 6 nails per shingle including new construction.)
8. Rough inspections:
  - Plumbing before any piping is concealed.
  - (Complete duct work and plumbing shall be installed before electrical wiring is started.)
  - Heating pipes and/or ducts before they are concealed.
  - Electrical before any wiring is concealed.
  - Framing before any interior wall covering is applied.
  - Insulation before drywall.
9. Final inspections when all construction details and utility installations re: complete and house numbers, as designated by the Engineering Department, are installed.
10. Other inspections which may be requested by the building or contractor and/or required by the building official or his designee.
11. The permit holder or his agent shall notify the building official when the work is ready for inspections, **giving not less than seventy-two (72) hours notice.**
12. **Inspection for issuance of Certificates of occupancy requires a 10 day prior notification to the Building Department.**

**NOTE:** Complete duct work and plumbing shall be installed before electrical wiring is started.

## APPENDIX A

### INSURANCE REQUIREMENTS

- A. To the extent applicable, the amounts and types of insurance will conform to the minimum terms, conditions and coverage of Insurance Services Office (ISO) policies, forms and endorsements.
- B. If the Contractor/Insured has self-insured retentions or deductibles under any of the following minimum required coverage, the Contractor/Insured must identify on the certificate of insurance the nature and amount of such self-insured retentions or deductibles and provide satisfactory evidence of financial responsibility for such obligations. All self-insured retentions or deductibles will be the Contractor/Insured's sole responsibility.
- C. Commercial General Liability: The Contractor/Insured will maintain commercial general liability insurance covering all operations by or on behalf of the Contractor/Insured on an occurrence basis against claims for personal injury (including bodily injury and death) and property damage (including loss of use). Such insurance will have these minimum limits:

Minimum Limits:       \$1,000,000 each occurrence  
                               \$2,000,000 each occurrence if blasting is required  
                               \$2,000,000 general aggregate with dedicated limits per  
                               Project site  
                               \$2,000,000 products and completed operations aggregate  
                               \$1,000,000 personal and advertising injury.

Should blasting be required, all necessary permits for the use of explosives shall be obtained by the contractor/insured or insured from the Fire Marshal.

- D. Automobile Liability: The Contractor/Insured will maintain business auto liability coverage for liability arising out of any auto, including owned, hired, and non-owned autos.

Minimum Limits:       \$1,000,000 combined single limit each accident

- E. Worker's Compensation: The contractor/insured will maintain workers' compensation and employer's liability insurance.

Minimum Limits:       Worker's compensation: statutory limit  
 Employer's Liability: \$1,000,000 bodily injury or each accident  
                               \$1,000,000 bodily injury by disease for each employee  
                               \$1,000,000 bodily injury disease aggregate

- F. Umbrella/Excess Liability: The contractor/insured will maintain umbrella/excess liability insurance on an occurrence basis of the underlying commercial general liability, auto liability and workers' compensation insurance. The coverage shall be at least as broad as each of the underlying policies. The amounts of insurance required may be satisfied by purchased coverage for the limits specified or by any combination of underlying and umbrella limits, so long as the total amount of insurance is not less than the limit specified for general liability, auto liability and workers' compensation when added to the limit specified in this section.

Minimum Limits:       \$5,000,000 combined single limit and aggregate limit.

**APPENDIX B**

**MANCHESTER PUBLIC SCHOOLS  
45 North School Street  
Manchester, CT 06042**

TO: All Vendors

FROM: Patricia F. Brooks, Assistant to the Superintendent,  
Finance and Management

SUBJECT: Affirmative Action

Manchester Public Schools is an Equal Opportunity Employer, and will not transact business with firms which are not in compliance with all Federal and State Statutes and Executive Orders pertaining to non-discrimination.

In order to have your firm listed on our acceptable vendor's list and thereby be eligible for consideration as a source for goods and services, please complete and return the following Statement of Policy to:

Patricia F. Brooks  
Assistant to the Superintendent  
Finance and Management

**STATEMENT OF POLICY**

It is the employment policy of \_\_\_\_\_  
that there shall be no discrimination against anyone on the grounds of race, creed, national origin, sex or age in the hiring, upgrading, demotions, recruitment, termination and selections for training.

In addition, this firm is in full compliance with the letter and intent of the various Equal Opportunity and Civil Rights Statutes noted above.

\_\_\_\_\_  
Date

\_\_\_\_\_  
Signed (Name/Title of Company Officer)

\_\_\_\_\_  
Telephone

\_\_\_\_\_  
Street Address

\_\_\_\_\_  
Fax

\_\_\_\_\_  
City/State/Zip Code

APPENDIX C

CONTRACTOR INDEMNIFICATION

The contractor shall at all times indemnify and save harmless Manchester Public Schools and its officers, agents and/or employees against any and all claims, demands, losses, judgments, costs, worker's compensation payments, litigation expenses and counsel fees arising out of injuries to the person (including death) or damage to property alleged to have been sustained by:

- a. officials, officers, agents and/or employees of MPS or;
- b. the contractor, his subcontractors or delivery persons or;
- c. any other person whose injuries are alleged to have occurred on or near the work, or to have been caused in whole or in part by the acts, omissions or neglect of the contractor or his subcontractor or delivery persons by reason of his/her or their use of faulty, defective or unsuitable work.

The existence of insurance shall in no way limit the scope of this indemnification. The contractor further undertakes to reimburse MPS for damage to property of MPS caused by the contractor, or his employees, agents, subcontractors or delivery persons, or by faulty, defective or unsuitable material or equipment used by him or them.

STATE OF CONNECTICUT:

COUNTY OF: \_\_\_\_\_

Signed \_\_\_\_\_  
Contractor

By \_\_\_\_\_  
Name

\_\_\_\_\_  
Street

\_\_\_\_\_  
City/State/Zip Code

\_\_\_\_\_  
Date

Subscribed and Sworn to before me on this

\_\_\_\_\_ day of \_\_\_\_\_ 20\_\_\_\_

\_\_\_\_\_  
Notary Public

APPENDIX DNOTICE TO ALL CONTRACTORS, BUILDERS AND HOMEOWNERS

**Please pay particular attention to the following list of inspections. Requirements will be strictly adhered to.**

Pursuant to Section 113.0 of the State of Connecticut Basic Building code, the following inspections **are required** by the Manchester Building Department:

1. Site inspection – before permit is issued.
2. When footing forms are in place and before concrete is placed.
3. When foundation forms are in place and before concrete is placed.
4. After foundation is erected, waterproofed and footing drains installed.
- 4a. \*\*\*Before construction above foundation is started two “As Built” foundation location plans must be filed with the Building Department.
5. When forms for structural slabs, panels or columns are in place and before concrete is placed.
6. Fireplace when the top of the smoke chamber is reached.
7. 1<sup>st</sup> roof/felt/ice and water shield (nailing shall be at 6 nails per shingle including new construction.)
8. **Rough inspections:**  
Plumbing before any piping is concealed.  
(Complete duct work and plumbing shall be installed before electrical wiring is started.)  
Heating pipes and/or ducts before they are concealed.  
Electrical before any wiring is concealed.  
Framing before any interior wall covering is applied.  
Insulation before drywall.
9. Final inspections when all construction details and utility installations re: complete and house numbers, as designated by the Engineering Department, are installed.
10. Other inspections which may be requested by the building or contractor and/or required by the building official or his designee.
11. The permit holder or his agent shall notify the building official when the work is ready for inspections, **giving not less than seventy-two (72) hours notice.**
12. Inspection for issuance of Certificates of occupancy requires a 10 day prior notification to the Building Department.

NOTE: Complete duct work and plumbing shall be installed before electrical wiring is started.

**CONTRACT EXECUTION**

Upon notification of acceptance of this bid, we shall execute a formal contract within five days of the receipt of the agreement for signing.

**CONTRACTOR INFORMATION**

**The Bidder is a/an (individual) (partnership) (corporation). Names and titles of other offices or partners are:**

**(for corporation, give State of incorporation and affix corporate seal)**

**I understand that full payment will be made by the Owner after completion of the project and acceptance by the Owner's representative.**

\_\_\_\_\_  
**Signature**

\_\_\_\_\_  
**Date**

\_\_\_\_\_  
**Name (Printed)**

BIDDER: \_\_\_\_\_ BID DATE: \_\_\_\_\_  
Address: \_\_\_\_\_

ADDRESSED TO: \_\_\_\_\_ PROJECT: \_\_\_\_\_  
  
Manchester Public Schools **STAGE OPERABLE WALL REPLACEMENT**  
Assistant to the Superintendent  
Finance and Management  
Manchester, Connecticut 06042

We propose to perform the work described in the Bidding documents for the Bid Sum of:

\_\_\_\_\_ Dollars \$\_\_\_\_\_

**TIME OF COMPLETION**

Contractor to submit schedule of work completion date.

**BID ACCEPTANCE**

After the opening of bids, no bid can be withdrawn for a period of ninety (90) days.

The Manchester Public Schools reserves the right to waive any formalities in bids; to reject any or all bids; or to accept the ones that in their judgment will be for the best interest of the School Department and/or the Town of Manchester.

Project Title: **STAGE OPERABLE WALL REPLACEMENT**

**MANCHESTER PUBLIC SCHOOLS  
45 North School Street  
Manchester, CT 06042**

**SPECIFICATIONS FOR STAGE OPERABLE WALL REPLACEMENT  
WADDELL ELEMENTARY SCHOOL  
163 BROAD STREET  
MANCHESTER, CT**

**INTENT:**

It is expected that the project will be a complete, turnkey project. The successful Bidder shall be responsible for all of the following:

- a. Complete Project Management
- b. Modifications to existing steel support system to accept new track and wall
- c. Open and close ceiling as required
- d. Provide acoustical sound enclosure above and around new wall and track system
- e. Complete installation of new Modernfold Operable Wall per below specifications.
- f. Size (dimensions are responsibility of bidders) 28'-0" X 14'-2"
- g. Wall to stack at both ends of opening and designed to not interfere with other equipment to remain.
- h. Custom designed closures at each end to meet stage walls as required to meet acoustical rating specified.

Acousti-Seal® Encore™ – Single Panel  
10 22 26 (10650)  
Operable Partitions

- Each panel shall be moved independently into position
- Each panel is supported by two carriers
- Suspension system incorporates the easy to operate switch and curve Smart Track™

**PART 1 – GENERAL**

**1.1 RELATED DOCUMENTS**

Drawings and general provisions of the Contract including General and Supplementary Conditions and Division 01 Specification Sections, apply to this Section.

**1.2 SUMMARY**

This Section includes the following: Manually operated, individual panel operable partitions.

**1.3 QUALITY ASSURANCE**

- A. **Installer Qualifications:** An experienced installer who is certified in writing by the operable partition manufacturer, as qualified to install the manufacturer's partition systems for work similar in material, design, and extent to that indicated for this Project.
- B. **Acoustical Performance:** Test operable partitions in an independent acoustical laboratory in accordance with ASTM E90 test procedure to attain no less than the STC rating specified. Provide a complete and unedited written test report by the testing laboratory upon request.

- C. Preparation of the opening shall conform to the criteria set forth per ASTM E557 Standard Practice for Architectural Application and Installation of Operable Partitions.

#### 1.4 SUBMITTALS

- A. Product Data: Material descriptions, construction details, finishes, installation details, and operating instructions for each type of operable partition, component, and accessory specified.
- B. Shop Drawings: Show location and extent of operable partitions. Include plans, elevations, sections, details, attachments to other construction, and accessories. Indicate dimensions, weights, conditions at openings, and at storage areas, and required installation, storage, and operating clearances. Indicate location and installation requirements for hardware and track, including floor tolerances required and direction of travel. Indicate blocking to be provided by others.
- C. Setting Drawings: Show imbedded items and cutouts required in other work, including support beam punching template.
- D. Samples: Color samples demonstrating full range of finishes available by architect. Verification samples will be available in same thickness and material indicated for the work.

#### 1.5 EVALUATION CRITERIA AND SELECTION

Proposals will be reviewed and evaluated based upon the following factors:

- A. Experience
- B. References
- C. Competitiveness of Price Proposal

#### 1.6 DELIVERY, STORAGE, AND HANDLING

- A. Clearly mark packages and panels with numbering systems used on Shop Drawings. Do not use permanent markings on panels.
- B. Protect panels during delivery, storage, and handling to comply with manufacturer's direction and as required to prevent damage.

#### 1.7 WARRANTY

- A. Provide written warranty by manufacturer of operable partitions agreeing to repair or replace any components with manufacturing defects.
- B. **WARRANTY PERIOD: TWO (2) YEARS.**

### PART 2 – PRODUCTS

#### 2.1 MANUFACTURERS, PRODUCTS, AND OPERATION

- A. Manufacturers: Subject to compliance with requirements, provide products by the following:
  - 1. Modernfold, Inc. or equal.
- B. Products: Subject to compliance with the requirements, provide the following product:
  - 1. Acousti-Seal Encore™ – Single Panel: Manually operated individual panel operable partition, or equal.

## 2.2 OPERATION

- A. Acousti-Seal Encore™ – Single Panel: Series of individual flat panels, manually operated, top supported with operable floor seals and automatic top seals.
- B. Final Closure:
  - 1. As required to fit opening and create acoustical rating specified

## 2.3 PANEL CONSTRUCTION

- D. Nominal 4-1/4-inch (108 mm) thick panels in manufacturer's standard 51-inch (1295 mm) widths. All panel horizontal and vertical framing members fabricated from minimum 16-gage formed steel with overlapped and welded corners for rigidity. Top channel is reinforced to support suspension system components. Frame is designed so that full vertical edges of panels are of formed steel and provide concealed protection of the edges of the panel skin.
- E. Panel Skin:
  - 1. Roll-formed steel wrapping around panel edge. Panel skins shall be lock formed and welded directly to the frame for unitized construction. Acoustical ratings of panels with this construction: 56 STC
- F. Panel Trim: No vertical or horizontal trim required or allowed on edges of panels; minimal groove appearance at panel joints.
- G. Panel Weight: Steel Skin; 56 STC – 12 lbs./square foot (CAN NOT EXCEED)

## 2.4 PANEL FINISHES

- A. Panel face finish shall be reinforced vinyl with woven backing weighing not less than 21 ounces per lineal yard. The color shall be **Selected by Owner from manufacturers supplied color chart**
- B. Panel trim: No exposed panel trim will be required or allowed, hardware to be of one consistent color. The color shall be **Selected by Owner from manufacturers supplied color chart**

## 2.5 SOUND SEALS

- A. Vertical Interlocking Sound Seals between panels: Aluminum astragals, with tongue and groove configuration in each panel edge. Rigid plastic astragals ARE NOT ACCEPTABLE.
- B. Horizontal Top Seals shall be Modernfold SureSet™ automatic operable top seals, manually operated top seals ARE NOT ACCEPTABLE.
- C. Horizontal Bottom Seals shall be Modernfold SureSet™ bottom seal:
  - a. SA2 - Automatic bottom seals providing nominal 2-inch (51 mm) operating clearance with an operating range of +1/2-inch (13 mm) to -1-1/2-inch (38 mm) which automatically drop as panels are positioned, without the need for tools or cranks. Extended seal shall exert nominal 120 pounds (265 kg) downward force to the floor throughout operating range. MANUALLY OPERATED SEALS ARE NOT ACCEPTABLE.

## 2.6 SUSPENSION SYSTEM

- A. 14 Suspension System – Radius and Programmable Smart Track
  - 1. Suspension Tracks: Minimum 7-gage, 0.18-inch (4.57 mm) roll formed steel. Static loading of track with brackets at 48-inch (1220 mm) centers shall show no failure of track or brackets at 5,000 pounds (2550 kg) point loading at mid-span. Track shall be supported

by adjustable steel hanger brackets connected to structural support pairs of 1/2-inch (13 mm) diameter threaded rods. Brackets must support the load bearing surface of the track. ALUMINUM TRACK WILL NOT BE ALLOWED

- a. Exposed track soffit: Steel, removable for service and maintenance, attached to track bracket without exposed fasteners, and pre-painted off-white.
2. Carriers: Two all-steel trolleys with steel tired ball bearing wheels. NON-STEEL TIRES ARE NOT ACCEPTABLE. Suspension system shall provide automatic indexing of panels into stack area using preprogrammed switches and trolleys without electrical, pneumatic, or mechanical activation. NYLON OR NON STEEL TROLLEYS WILL NOT BE ALLOWED

### **PART 3 – EXECUTION**

#### **3.1 INSTALLATION**

- A. General: Comply with ASTM E557, operable partition manufacturer's written installation instructions, Drawings and approved Shop Drawings.
- B. Match operable partitions by installing panels from marked packages in numbered sequence indicated on Shop Drawings.
- C. Broken, cracked, chipped, deformed or unmatched panels ARE NOT ACCEPTABLE.

#### **3.2 CLEANING AND PROTECTION**

- A. Clean partition surfaces upon completing installation of operable partitions to remove dust, dirt, adhesives, and other foreign materials according to manufacturer's written instructions.
- B. Provide final protection and maintain conditions in a manner acceptable to the manufacturer and installer that insure operable partitions are without damage or deterioration at time of Substantial Completion.

#### **3.3 ADJUSTING**

- A. Adjust operable partitions to operate smoothly, easily, and quietly, free from binding, warp, excessive deflection, distortion, nonalignment, misplacement, disruption, or malfunction, throughout entire operational range. Lubricate hardware and other moving parts.

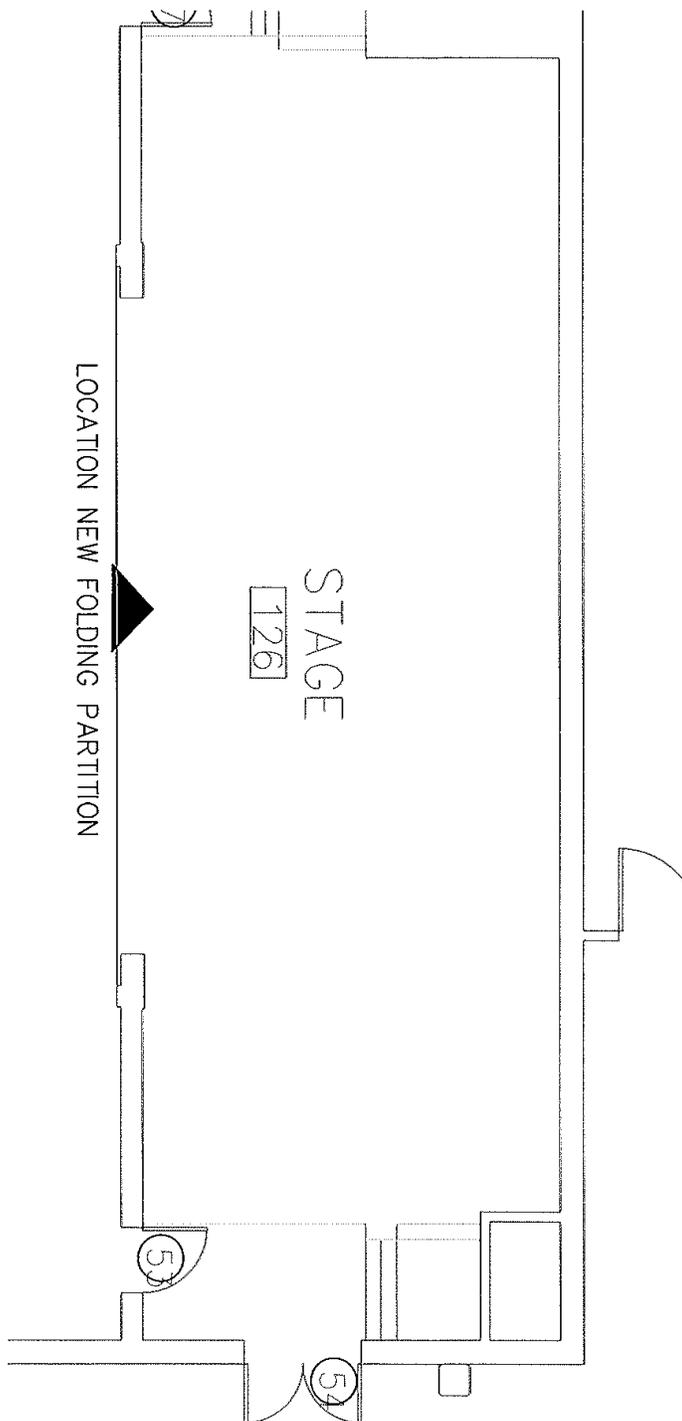
#### **3.4 EXAMINATION**

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

#### **3.5 DEMONSTRATION**

- A. Demonstrate proper operation and maintenance procedures to Owner's representative.
- B. Provide Operation and Maintenance Manual to Owner's representative.

PRODUCED BY AN AUTODESK EDUCATIONAL PRODUCT



PRODUCED BY AN AUTODESK EDUCATIONAL PRODUCT

PRODUCED BY AN AUTODESK EDUCATIONAL PRODUCT

PRODUCED BY AN AUTODESK EDUCATIONAL PRODUCT