PART 1  GENERAL

1.01  DESCRIPTION
A.  General
   1.  Furnish and install operable partitions and suspension system. Provide all labor, materials, tools, equipment and services for operable walls in accordance with provisions of contract documents.

1.02  RELATED WORK BY OTHERS
A.  Preparation of opening will be by General Contractor. Any deviation of site conditions contrary to approved shop drawings must be called to the attention of the architect.
B.  All header, blocking, support structures, jambs, track enclosures, surrounding insulation, and sound baffles as required in 1.04 Quality Assurance.
C.  Prepunching of support structure in accordance with approved shop drawings.
D.  Paint or otherwise finishing all trim and other material adjoining head and jamb of operable partitions.
E.  Plenum closure (by others): Design of plenum closure must permit lifting out of header panels to adjust track lighting.

1.03  QUALITY ASSURANCE
A.  Preparation of the opening shall conform to the criteria set forth per ASTM E557 Standard Practice for Architectural Application and Installation of Operable Partitions.
B.  Noise isolation classifications shall be achieved per the standard test methods ASTM E336 and ASTM E413.
C.  At owners’ discretion a sound test may be performed.

1.04  WARRANTY
A.  Partition system shall be guaranteed for a period of two years against defects in material and workmanship, excluding abuse.

PART 2  PRODUCTS

2.01  ACCEPTABLE MANUFACTURERS
A.  Provide operable partitions as manufactured by one of the following:
   1.  Hufcor
   2.  Modernfold
   3.  Panelfold
   4.  Advanced Equipment Corporation

2.02  MATERIALS
A.  Product to be top supported 4” thick panels.
   1.  Panel faces shall be laminated to appropriate substrate to meet the STC requirements
      a)  Steel face substrate 54 STC
   2.  Horizontal top seals shall be retractable, provide 1” and exert upward force when extended.
   3.  Horizontal bottom seals shall be retractable, provide up to 2” (50) nominal operating clearance, and exert downward force when extended.
4. Track shall be of clear anodized architectural grade extruded aluminum alloy 6063-T6. Track design shall provide precise alignment at the trolley running surfaces and provide integral support for adjoining ceiling, soffit, or plenum sound barrier.

B. Finishes
   1. Face finish shall be: (select as required):
      a) Factory applied reinforced vinyl. Color shall be selected from manufacture’s standard color selector.
      b) Standard fabrics (color shall be selected from manufacture’s standard)
   2. Exposed metal trim and seal color shall be (select from Hufcor’s Standard Trim)
   3. Aluminum track shall be clear anodized.

C. Available Accessories/Options
   1. ADA compliant pass door.
      a) Automatic door closer
      b) Door lock
      c) Exit sign (consult your local code)
      d) Prepped for window
      e) Peep hole
   2. Inset chalk/writing/projection surfaces
   3. Inset tackboards
   4. Inset eraser pocket
   5. Pocket doors

2.03 ACOUSTICAL PERFORMANCE

A. Acoustical performance shall be tested at a laboratory accredited by the National Voluntary Laboratory Accreditation Program (NVLAP) and in accordance with ASTM E90 Test Standards. Standard panel construction shall have obtained an STC rating of 54 STC.
   1. Complete, unaltered written test report is to be made available upon request.
   2. At owner’s discretion a sound test may be performed.
   3. Light leak test required.

PART 3 EXECUTION

3.01 INSTALLATION

A. The complete installation of the operable wall system shall be by an authorized factory-trained installer and be in strict accordance with the approved shop drawings and manufacturer’s standard printed specifications, instructions and recommendations

B. Cleaning
   1. All track and panel surfaces shall be wiped clean and free of handprints, grease and soil.
   2. Cartoning and other installation debris shall be removed to onsite waste collection area, provided by others.

C. Training
   1. The installer shall demonstrate proper operation and maintenance procedures to owner’s representative.
   2. Operating handle and owners manuals shall be provided to owner’s representative.
   3. Provide two (2) sets of all required specialty tools needed for the partitions.
   4. Provide 2 sets of written documentation of parts and maintenance procedures.