PART 1 - GENERAL

1.1 SUMMARY

A. This Section includes the following:
   1. Manually operated, continuously hinged acoustical panel partitions.
   2. Sustainable products and low-emitting materials.

1.2 QUALITY ASSURANCE

A. Installer Qualifications: An experienced installer who is certified in writing by the operable partition manufacturer.

B. Acoustical Performance: Test operable partitions in an independent acoustical laboratory in accordance with ASTM E90 test procedure to attain no less that the STC rating specified by Design/Builder.

C. Preparation of the opening shall conform to the criteria set forth per ASTM E557 Standard Guide for the Installation of Operable Partitions.

1.3 WARRANTY

A. Provide written warranty by manufacturer of operable partitions agreeing to repair or replace any components with manufacturing defects. Warranty period: Two (2) years.

PART 2 - PRODUCTS

2.1 MANUFACTURERS

A. Available Manufacturers: Subject to compliance with requirements, manufacturers offering products that may be incorporated into the Work include, but are not limited to, the following:
   1. Modernfold #933 (Basis of Design)
   2. Hufcor
   3. Panelfold Inc.

B. Panel Construction: Nominal 3-inch thick panels in manufacturer's standard widths. All panel horizontal and vertical framing members fabricated from minimum 18-gage formed steel with overlapped and welded corners for rigidity. Reinforce top channel to support suspension system components. Provide full vertical edges of panels are of formed steel and provide concealed protection of the edges of the panel skin.

C. Suspension System, Panel Finishes, and STC Rating: As detailed and selected by Design-Builder.

D. Sound Seals: Provide vertical interlocking sound seals between panels. Provide horizontal top seals with roll-formed astragals, and reversible tongue and groove configuration in each panel edge. Provide bottom seals which automatically drop as panels are positioned, without the need for tools or cranks.

PART 3 - EXECUTION

3.1 GENERAL

A. Install as required by code and to maintain manufacturer's warranty.

B. Demonstrate proper operation and maintenance procedures to University representative.

C. Provide Operation and Maintenance Manual to University representative.

END OF SECTION