

Part 1 GENERAL**1.01 DESCRIPTION**

- A. 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. Pre-punching of support structure in accordance with approved shop drawings.
- D. Paint or otherwise finishing all trim and other materials adjoining head and jamb of operable partitions.

1.03 SUBMITTALS

- A. Completed shop drawings are to be provided prior to fabrication indicating construction and installation details. Shop drawings must be submitted within 14 days after receipt of signed contract.

1.04 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. Rack testing for 10 years. (tensional strength stress test)
- C. The principal manufacturer shall have a quality system that is registered to the ISO 9001 standards.

1.05 PRODUCT DELIVERY, STORAGE, AND HANDLING

- A. Proper storage of partitions before installation and continued protection during and after installation will be the responsibility of the General Contractor.

1.06 WARRANTY

- A. Partition system shall be guaranteed for a period of one year against defects in material and workmanship, excluding abuse.

Part 2 PRODUCT SPECIFICATION**2.01 ACCEPTABLE MANUFACTURERS**

- A. Upon compliance with all of the criteria specified in this section, Manufacturers wishing to bid products equal to the product specified must submit to the architect 10 days prior to bidding complete data in support of compliance and a list of three past installations of products similar to those listed. The submitting manufacturer guarantees the proposed

substituted product complies with the performance items specified and as detailed on the drawings.

2.02 PRODUCT CONSTRUCTION DETAILS

- A. The product shall be HUF COR GL Series Frameless Glass Wall manufactured by either HUF COR INC and/or subsidiaries
- B. PANEL CONSTRUCTION
 - 1. The top and bottom horizontal frame shall be 40mm thick; of a clear anodized architectural grade extruded aluminum alloy 6063-T6
 - 2. Glass shall be mechanically attached to top and bottom rails and not rely on friction and/or adhesive
 - 3. All glass edges shall be polished and glass panel faces shall be a choice of
 - a. 12mm fully tempered glass
 - b. 12mm laminated glass
 - c. Other optional glass (Contact Hufcor directly)
 - 4. Top and bottom horizontal rail shall be anodized aluminum and incorporate brush light seals.
 - 5. Glass faces shall have no vertical trim. To prevent adjoining glass from touching during panel setup. Size of gap varies due to glass tolerances.
 - 6. Each panel contains a surface or edge floor pin which is extended into a floor mounted receiver to stabilize and secure each panel in the opening
- C. SUSPENSION SYSTEM
 - 1. Track shall be of clear anodized architectural grade extruded aluminum alloy 6063-T6 (no steel track will be allowed or accepted).
 - 2. Track design shall provide integral support for adjoining ceiling, soffit, or plenum sound barrier.
 - 3. Panels are completely top-supported. Floor tracks are not acceptable nor permitted
 - 4. The panels are top hung with: (select as required)
 - a. Omni direction design, Each panel shall be supported by two 2-wheeled "counter-rotating" horizontal carriers.
 - b. Paired-design; Each panel shall be supported by center hung "one 4-wheeled carrier"
- D. Wheels to be of precision ground steel ball bearings with heat treated and hardened races encased with molded polymer tires (DELRIN) that are capable to negotiate square or angled corners smoothly without switches.

2.03 OPERATION

- A. Panels shall be manually moved from the storage area, positioned in the opening, and either edge activated or face activated floor pins set.

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. Plenum closure (by others): The design of plenum closure must permit lifting out of header panels to adjust track height. Plenum closure required for optimum sound control of partition.

3.02 TRAINING

- A. Installer shall demonstrate proper operation and maintenance procedures to owner's representative.
- B. Operating handle will be provided upon complete hand over.

Part 4 SECTIONAL DETAILS



