10 22 19  Demountable Partitions

1. **System Description**
   1.1. Partition systems to be fully demountable, and reloadable, non-progressive, reconfigurable component based partition system, from single manufacturer, where components can be assembled, disassembled, relocated, and reassembled in different layouts, with all parts reusable.

2. **Design Criteria**
   2.1. Sound Transmission:
       2.1.1. Rating of installed solid panel partitions to be a minimum STC 45 with insulation when tested to ASTM E90.
          - STC rating to be without scribing system to floor
          - Insulate all partitions
   2.2. Maximum Class C/Type III fire rating when tested to CAN/ULC-S102.
   2.3. Structural Performance:
       2.3.1. Fabricated as a self-supporting, structurally stable and vibration free system when subject to impact load occurring as a result of normal usage.
       2.3.2. Design demountable partition system and components to allow any furniture manufacturers upper storage units and work surfaces to be hung off of and supported by moveable partition system in closed office.
       2.3.3. Demountable partition system and components must be installed without any drilling or screwing into floors or gypsum board partitions.
       2.3.4. Demountable partition system and components must be installed without any drilling or screwing into floors or gypsum board partitions.
   2.4. Partition Thickness: 100 mm Minimum.
   2.5. Must accommodate floor / ceiling height variations of 25mm (1”).
   2.6. Electrical and Communications:
       2.6.1. Demountable Partition system to come with all electrical outlets, back boxes, conduit and flex as required.
       2.6.2. Demountable Partition electrical (and lighting switches) system to stub up into ceiling plenum no less than 100mm, and provide whip for electrical connection to junction box (by others).
       2.6.3. Demountable Partition system to come with chase for communication wiring if required (by others).
2.6.4. Demountable Partition system to be prepped to receive card readers, keypads and any other hardware if required (by others).

3. **Materials**
   3.1. Pre-manufactured, component based, non-progressive wall system consisting of framing members, wall panels and glazing, floor, wall and ceiling mounting materials, acoustic filters, doors and hardware; fully moveable and reusable in reconfigured layouts and spaces, and as follows:
   3.1.1. **Floor Tracks:** Manufacturers standard continuous track with carpet grippers of non-slip pads; fabricated to meet project requirements; fill adjustment space with acoustic insulation.

   3.2. **Wood Composite Panels:** factory finished NAUF