



Panel Based Open Plan Office System should thickness for Spine panels and 22.8 mm thick for Fin Panels. Each panel should comprise of 2 Nos. vertical extrusions made of aluminum, horizontal extrusions made of aluminum at every division of tile / block, blocks made of composite construction of MDF and paper honeycomb, 1 number of fabricated bottom frame as a welded structure of steel component, adjustment up to + 50 mm. 52.4 mm thick panels must have cable management facility. Die cast Caps are to be used to cover exposed top edge of the Panel and Extrusions. These are to be made from Aluminum alloy, having material AQL96063-T6 and average wall thickness of 1.2 mm. Grouting Post is to be provided wherever necessary, made from HR plate of 2.5 mm thickness and Base plate of 5 mm thickness. Various types of Tiles to be used, White Board, Glass, Plain metal, Fabric tiles, Fabric magnetic Tiles, etc. The System should give an elevated look from the floor approx 150mm from floor) **The work top** to be 25mm thick Prelaminated particle board finished with high pressure laminate, Adequate supports to be provided to the work surface for preventing it from sagging. To provide total flexibility of the work surface cable management, the work top should be with continuous open able flap with brush at the longer side of the work surface. All the open edge of the work surfaces to be provided with 2 mm thick PVC lipping glued with hot melt EVA ue, machine pressed. **Under Structure:** The open table base should be assembled from the main beams, end legs and intermediate legs. The table base should be made of either Steel or Aluminium as per specified and approved powder coating. The length of the under structure may vary as per the drawing attached. The base structure should be able to support the maximum length of 3000 mm work top without intermediate leg. The under structure must set in at least 400 mm from the edge of the work surface, this should allow the free leg moment around the desk. The design of the beam and cantilevered bracket must have the flexibility to adjust the height of the work surface. Bottom Frame Assembly of panel to be made from L channels made of 2 mm thick CRCA Steel (IS: 513), formed plate of 3 mm thick HR Steel (IS: 2002) & ERW steel tube of size 35 x 15 x 1.6 mm thick overall cross section (IS: 7318) welded together. Legs are to be fabricated by CO2 welded MS tubes of section 38 x 25 mm x 16 BG (IS: 7138 ERW Tube) with MS Base Plate of 35 x 22 x 5 mm (IS: 2062, 5 mm HR), with M8 Levellar. The system should use Single Sided and two sided Leg Assemblies. Coated with 50 to 60 microns of Epoxy Powder Coating. **Central Screen (Spine)** The screen should be an add on component on the work surface, without drilling any screw on the work top. In case the screen has to be removed the work surface should look as is. The screen should be able to installed at any location on the top channel flushed to the work top. Different length of screens must be able to mount on the top channel with the options of different screens eg. framed Fabric on top up to 1200mm high from finish floor level. below table top should be framed laminate panels which is 225mm away from floor level. **Divider Screen:** The divider screen should be served as the divider between the two users. Screen should be easily dismantled and installed at any point of the work station by the facility staff with minimum efforts. On installation of this screen the divider should be sturdy and should not wobble. The screen should have framed colour approved acrylic on both side. Framed Acrylic on top up to 1200mm high from finish floor level. **Cable Management:** To provide the continuous cable trays / wire carrier below the continuous cable management flap which should be either of same length. The cable tray should have the provision for housing 2, 3 or 4 gangs sockets outlet and adequate data/voice points. (AS PER APPROVED SKETCH)