

- 11.54 Providing and fixing removable raised/false access flooring with system and its components of approved make for different plenum height with possible height adjustment upto 50mm, comprising of modular load bearing floor panels supported on G.I. rectangular stinger frame work and G.I. Pedestal etc. all complete, as per the architectural drawings, as specified and as directed by Engineer-in-charge consisting of :
- (a) Providing at required spacing to form modular framework, pedestals made out of GI tube of thickness minimum 2 mm and 25mm outer diameter, fully welded on to the G.I. Base plate of size 100mmx100mmx3mm at the bottom of the pedestal tube, G.I. pedestal head of size 75mmx75mmx3.5mm welded with GI fully threaded stud 16mm outer diameter with two GI Check nuts screwed on the stud for level adjustment upto 50mm, locking and stabilizing the pedestal head in position at the required level. The pedestals shall be fixed to the subfloor (base) through base plate using epoxy based adhesive of approved make or the machine screw with rawl plug.
 - (b) Stringers system in all steel construction hot dipped galvanized of rectangular size 570x20x30x0.80mm thick having holes at both ends for securing the stringers on to the pedestal head using fully threaded screws ensuring maximum lateral stability in all directions, the grid formed by the pedestal and stringer assembly shall receive the floor panel, this system shall provide adequate solid, rigid support for access floor panel, the system shall provide a minimum clear uninterrupted clearance between the bottom of the floor for electrical conduits and wiring etc. all complete as per the architectural drawings, as specified and as directed by the Engineer-in-charge.
 - (c) Providing and fixing Access Floor panel of 600x600x32 mm medium grade Filled Steel anti static high pressure Lamination of 800H grade (FS800H). Access Floor panel shall be steel welded construction with an enclosed bottom pan with uniform pattern of 64 hemispherical cones. The top and bottom plates of Steel Gauges: top 0.6 mm and bottom 0.7 mm fused spot welded together (minimum 64 welds in each dome and 20 welds along each flange). The panel should be Corroresist epoxy coated for lifetime rust protection and cavity formed by the top and bottom plate is filled with Pyrogrip non-combustible Portland cementitious core mixed with lightweight foaming compound. The access floor shall be factory finished with Anti-static High Pressure laminate with Non Warp technology upto 1mm thickness for

superior adhesion and Surface flatness within 0.75mm. The panel is to withstand a Concentrated Load of 363 kgs applied on area 25mm x 25mm without collapse in the centre of the panel which is placed on four steel blocks. The panel will withstand and Uniformly Distributed Load (UDL) minimum 1250 kg/sqm and an impact load of 50kg all complete as per the approved manufacturers specification and as per the direction of Engineer-in-charge. All specification must be printed on the side of the panel to ensure the quality of the product. Approved Make: Unifloor

11.54.1 300mm Finished Floor Height (FFH)

Code	Description	Unit	Quantity	Rate ₹	Amount ₹
	<i>Details of Cost for : 100.00 Sqm</i>				
	MATERIAL				
2711	FS800H Grade Flooring Panel (i/c) 5% wastage	each	292.00	750.00	219000.00
2712	Zinc Electroplated Pedestals - 300 mm	each	360.00	140.00	50400.00
2714	Zinc Electroplated Tube Stinger	each	570.00	70.00	39900.00
2715	Machine Screw for Fixing	each	1140.00	2.00	2280.00
7048	Rawl Plug floor pedestal grouting on floor	each	1440.00	5.00	7200.00
9999	Carriage of material	L.S.	490.00	1.49	730.10
	LABOUR:				
0111	Carpenter 1st class	Day	25.00	301.00	7525.00
0114	Beldar	Day	25.00	247.00	6175.00
9999	Sundries	L.S.	329.00	1.49	490.21
	Total				333700.31
	Add Water Charges @ 1%				3337.0031
	Total				337037.31
	Add CPOH @ 15%				50555.60
	Cost of 100 sqm				387592.91
	Cost of 1 sqm				3875.93
	Say				3875.95

11.54.2 450mm Finished Floor Height (FFH)

Code	Description	Unit	Quantity	Rate ₹	Amount ₹
	<i>Details of Cost for : 100.00 Sqm</i>				
	MATERIAL				
2711	FS800H Grade Flooring Panel (i/c) 5% wastage)	each	292.00	750.00	219000.00
2713	Zinc Electroplated Pedestals - 450 mm	each	360.00	150.00	54000.00
2714	Zinc Electroplated Tube Stinger	each	570.00	70.00	39900.00
2715	Machine Screw for Fixing	each	1140.00	2.00	2280.00
7048	Rawl Plug floor pedestal grouting on floor	each	1440.00	5.00	7200.00
9999	Carriage of material	L.S.	490.00	1.49	730.10
	LABOUR:				
0111	Carpenter 1st class	Day	25.00	301.00	7525.00
0114	Beldar	Day	25.00	247.00	6175.00
9999	Sundries	L.S.	329.00	1.49	490.21
	Total				337300.31
	Add Water Charges @ 1%				3373.00
	Total				340673.31
	Add CPOH @ 15%				51101.00
	Cost of 100 sqm				391774.31
	Cost of 1 sqm				3917.74
	Say				3917.75