

Annexure-A

No. RIMS/ORTHO/E-16

Imphal, the 10th Aug 2016

SPEC MADE AS PER ISO 8 (CLEAN OT)

1. False Ceiling

Providing and fixing 8mm thick Calcium Silicate Hilax False Ceiling Tiles of size 600mm x 600mm in true horizontal level suspended on interlocking metal grid of hot dipped galvanized steel section (galvanized @170 gsm) consisting of main "T" runner suitably spaced at joints to get required length and of size 24 x 38 mm made from 0.30mm thick (minimum) sheet spaced at 1200mm centre to centre and cross "T" of size 24 x 25mm made of 0.30mm thick (minimum) sheet to be interlocked at middle of the 1200 x 300mm panel to form grids of 600 x 600mm and laying false ceiling tiles of approved texture in the grid including, wherever, required cutting/making, opening for services like diffusers, grills, light fittings, fixtures, smoke detectors etc. Main "T" runners to be suspended from ceiling using GI slotted cleats fixed to ceiling with 6 mm dia and 50mm long dash fasteners, 4mm GI adjustable rods with galvanized level clips spaced at 1200mm centre to centre along main T, bottom exposed width of 24mm of all T-Sections shall be pre-painted with polyester paint, all complete at all heights as per specifications drawings.

2. Condenser Unit

High efficiency condenser units of heavy gauge GS construction, Powder coated on both sides, with low-sound scroll compressor, thermo-stat controlled with Wire coil guard & other safety arrangements of Haier or equivalent make. Total Cooling: 11TR.

3. Air Handling Unit

Double skin AHU made of Aluminum Sections and GI sheet panels with 25mm PUF insulations; Forward Curve Centrifugal Blower along with Drive Set; Cooling Coil made OD 3/8" OD x 27 SWG. Copper tubes and 36 SWG Aluminum Fins; Motor: TEFC Motor, Pre-filter and Fine Filter. Capacity of AHU: 5000cfm.

4. Laminar Air Flow Box


Non-aspirating unidirectional Laminar Air Flow with HEPA (0.3 μ) filter, Minipleat type as per ISO-8 Clean room Standards. Size of LAF: 2400mm x 1200mm.

5. Ducting Network

Closed loop HVAC Ducting made of 24SWG GI, insulated by nitril rubber insulation, Class O. The supply & return air ducts of non-corrosive material. No internal insulation or acoustic lining will be done on ducts as they can become breeding grounds.

6. OPTIONAL

- A. ANTI BACTERIA COATING ON WALL
- B. EPOXY FLOORING



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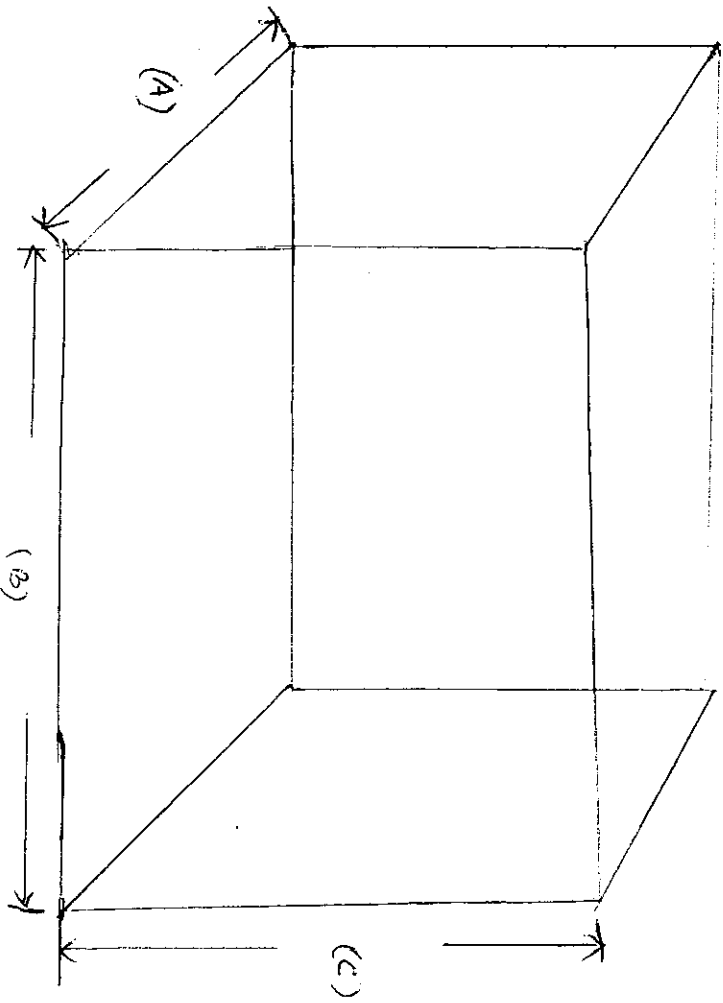


Fig: 3-D representation of Ortho. O.R., RIMS, Imphal.

- (A) = Width = 6.5 metres
- (B) = Length = 7.5 metres
- (C) = Height = 11 feet

