

Providing false ceiling and other minor civil works for setup Sample Processing Unit at CIF 107 in IISER campus, Vithura

Schedule of Quantities

Item No	Description	Qty	Unit	Rate	Amount
1	Providing and Fixing 15 mm thick densified tegular edged eco friendly light weight calcium silicate false ceiling tiles of approved texture of size 595 x 595 mm in true horizontal level, suspended on interlocking metal grid of hot dipped galvanised steel sections (galvanising @ 120 grams per sqm including both side) consisting of main "T" runner suitably spaced at joints to get required length and of size 24x38 mm made from 0.33 mm thick (minimum) sheet, spaced 1200 mm centre to centre, and cross "T" of size 24x28 mm made out of 0.33 mm (Minimum) sheet, 1200 mm long spaced between main "T" at 600 mm centre to centre to form a grid of 1200x600 mm and secondary cross "T" of length 600 mm and size 24 x28 mm made of 0.33 mm thick (Minimum) sheet to be inter locked at middle of the 1200x 600 mm panel to from grid of size 600x600 mm, resting on periphery walls /partitions on a Perimeter wall angle pre-coated steel of size(24x24X3000 mm made of 0.40 mm thick (minimum) sheet with the help of rawl plugs at 450 mm centre to centre with 25 mm long dry wall screws @ 230 mm interval and laying 15 mm thick densified edges calicum silicate ceiling tiles of approved texture in the grid, including, cutting/ making opening for services like diffusers, grills, light fittings, fixtures, smoke detectors etc., wherever required. Main "T" runners to be suspended from ceiling using G.I. slotted cleats of size 25x35x1.6 mm fixed to ceiling with 12.5 mm dia and 50 mm long dash fasteners, 4 mm G.I. adjustable rods with galvanised steel level clips of size 85 x 30 x 0.8 mm, spaced at 1200 mm centre to centre along main "T", bottom exposed with 24 mm of all Tsections shall be pre-painted with polyster baked paint, for all heights, as per specifications, drawings and as directed by Engineer-in-Charge. Only calcium silicate false ceiling area will be measured from wall to wall. No deduction shall be made for exposed frames/opening (cut outs) having area less than 0.30 sqm.The calcium silicate ceiling tile shall have NRC value of 0.50 (Minimum), light reflection > 85%, non- combustible as per B.S. 476 part IV, 100% humidity resistance and also having thermal conductivity <0.043 w/mK.	11.00	Sqm		
2	Providing and applying white cement based putty of average thickness 1 mm, of approved brand and manufacturer, over the plastered wall surface to prepare the surface even and smooth complete.	20.00	Sqm		
3	Applying one coat of water thinnable cement primer of approved brand and manufacture on wall surface Water thinnable cement primer	20.00	Sqm		
4	Wall painting with premium acrylic emulsion paint of interior grade, having VOC (Volatile Organic Compound) content less than 50 grams/ litre of approved brand and manufacture, including applying additional coats wherever required to achieve even shade and colour				
a)	Two coats or more coats	50.00	Sqm		
5	Painting with synthetic enamel paint of approved brand and manufacture to give an even shade :				
a)	Two or more coats on new work	25.00	Sqm		
6	Providing stools made of steel tubular frame, with polished 20mm thick teak wooden top sitting. The steel frames are SHS 40x40x1.6mm legs of upto 64 cm height, SHS 25x25x1.6mm top & bottom connecting members. The steel members shall be painted with 1 coat epoxy primer and two or more coats of synthetic enamel paint of approved brand and colour, etc complete all as directed by EIC	3.00	Each		
7	Providing and fixing zebra blinds for windows with required roller fixed in ms painted/powder coated bracket and roller shall be cover with approved colour, quality fabric including necessary hardware, pulling system etc, complete all as directed by EIC	2.50	Sqm		
	Total				