

Name of Work : "Providing and Fixing Metal false ceiling at Main canteen Ground floor & First floor dining area at NCBS"

NIT No:NCBS/Maint(civil)/607(1)/NIT-152/2022 Dated: 27/06/2022.

Schedule of Quantity

SI No	Description of Items	Unit	Qty	Rate	Amount
1	Care fully removal of Mineral wool false ceiling tile of 600mm*600mm, GI Verticals, Grid lines etc, including disposal of unserviceable surplus materials and staking of servicable materials with in 50mtr lead as directed by Engineer -In-Charge	Sqm	320.00		
Rate in words:					
2	Providing & fixing of 'Armstrong or equivalent, clip-in swing down 1.5mm micro perforated 18% open area diagonal pitch metal false n of both, plain finish metal false ceiling system consisting of 600mm x 600mm clip-in pre coated aluminium tiles of 0.7mm thickness with clip-in profile of approved colour, confirming to EN 13964-2004, with soundtex fleece of 0.7NRC including providing necessary openings and additional framework required for light fittings/diffusers including cutting of tiles to required pattern, etc.at all heights complete all as per specifications and direction of engineer-in-charge. Installation: The suspension system accessories manufactured and supplied by Armstrong World Industries or equivalent. The suspension system shall comprise of 3000mm long GI 'C'channels spaced at 1200mm c/c securely fixed to the structural soffit by support clamp & approved hangers. The last hanger at the end of each C-channel should not be greater than 600mm from the adjacent wall. C-Channel connector shall be used for splicing two pieces of C-channels.	Sqm	320.00		
Rate in words:					
	4000mm Main Carriers (spring tee bars) shall be spaced at 600mm c/c in a direction perpendicular to the C-channels and shall be secured at every intersection with C channel using required hangers. Standard connector shall be used to splice two pieces of main carriers. Tiles should be clipped in between two carriers (spring tee bars) from below. Perimeter trims to be of Armstrong or equivalent wall angles of approved colour secured to walls at 450mm maximum centre to centre. Cut tiles to be secured to the wall angles using aspring clamp.				

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	Fire performance: Entire false ceiling system shall meet A2-s1, d0 of European standards EN 13964-2004 or equivalent for which test report shall be furnished by the contractor.				
	Certification and acceptance: The contractor shall furnish Certificate of Conformity from the manufacturer in respect of compliance of supplies to the standards specified above. The packing shall carry appropriate labelling from the manufacturer for the product contained therein. The material supplied / their labels, if found to be damaged / tampered with, the same will be rejected and shall be replaced free of cost. Guarantee / Warranty: The supplies shall be guaranteed against manufacturing de fects and for the installation for a period of 10 years from the date of completion. Contractors shall produce warranty certificate from the manufacturer.				
3	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				
	One coat	sqm	300.00		
	Rate in words:				

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4	Providing and fixing at all height in all floor with all lead seamless type M/F suspended False ceiling of India Gypsum or equivalent using GI perimeter channel of size 0.55mm thick (having one flange of 20mm and another flange of 30mm and a web of 27mm) along with perimeter of ceiling, screws fixed to brick wall / partition with the help of nylon sleeves and screws at 610mm centres. Then suspending GI intermediate channels of size 45mm (0.9mm thick with two flanges of 15mm each) from the soffit at 1220mm centres with ceiling angle of width 25mmx10mmx0.5mm thick fixed to soffit with GI cleat and steel expansion fasteners. Ceiling section of 0.55mm thickness having knurled web of 51.5mm and two flanges of 26mm each with lips of 10.5mm are then fixed to the intermediate channel with the help of connecting clip and in direction of perpendicular to the intermediate channel at 5457mm centres. 12.5mm tapered edge gypboard (conforming to IS 2095-1982) is then screw fixed to ceiling section with 25mm dry wall screws at 230mm centres.	sqm	30.00		
	Screws fixing is done mechanically either with screw driver or drilling machine with suitable attachment. Finally the boards of 12.5mm thick gyp board are to be jointed and finished so as to have a flush look which includes filling and finishing the tapered and square edges of the boards with jointing compound, joint paper tape and two coats of drywall topcoat suitable for gypboard including providing scaffolding and executing the work at all heights. (Please refer drawing for details and recommended practices of India Gypsum or equivalent). NOTE: For lighting fittings, grills diffuses and cut-outs etc., have to be made with the frame of perimeter channels of size 20mm x 27mm x 30mm x 0.55mm thick supported suitable and should be considered as per drawing.				
	12.5 mm thick tapered edge gypsum plain board conforming to IS: 2095- (Part I) :2011 (Board with BIS certification marks)				
	Rate in words:				
Total Amount					
<p>Note : The contractor shall quote his rates in this schedule of quantity. Submission of tender in any other format is liable for rejection.</p>					

Total Amount in words:

Signature of contractor.

