

**CSIR-NORTH EAST INSTITUTE OF SCIENCE & TECHNOLOGY
(COUNCIL OF SCIENTIFIC AND INDUSTRIAL RESEARCH)**

Jorhat Assam 785 006

NAME OF WORK: Providing False Ceiling in the glass Blowing Cell and Repairing of Refrigeration cell of General Engineering Division.

SCHEDULE OF QUANTITES

Sl. No	Description of Item	Unit	Qty	Rate in Figure	Rate in Words	Amount
1	Providing and fixing Mineral Fiber Acoustic Ceiling Tiles in 600mm x 600mm of 13mm/15mm thickness to be placed in E- Grid Suspended Ceiling Grid 2430 System consisting of Main Runner 3600 mm long, Cross Tee 1200mm/600mm long and Wall Angle. The Wall Angle shall be fixed on PVC Dash Fasteners on the perimeter of the wall by steel screws with distance 300 mm c/c. Main Runner shall be placed along the shorter dimension of the area to be covered. The distance between the two Main Runners to be maintained at 1200mm. The Cross Tee 1200mm will be inserted in the pre-cut slots of Main Runner at a regular interval of 600 mm to form a modular grid of 1200mm x 600mm. Additional Cross Tees of 600 mm shall be placed perpendicular to the Cross Tee 1200 mm long to finally form a grid of 600mm x 600mm.E-Grid of module size 600mm x 600mm shall be supported by 4/6 mm dia G.I. wire from purlins/soffit Mineral Fiber Acoustic Ceiling Tiles of Everest Industries Limited should be placed in the E-Grid module to form a False Ceiling including the cuttings complete as directed. A) Using 13mm thick ceiling tiles	SQM	50.93			
2	Providing fitting, hoisting and fixing of roof trusses including purlins fabricated using MS circular hollow section conforming to relevant I.S. code, as per approved design and drawings including providing M.S. cleats, base plates, bolts and nuts and one coat of red oxide Zinc Chromate primer and two coats of approved enamel paints complete including fitting necessary cleats etc. for fixing ceiling joists as per design and drawing as directed. b) Using other ISI marked approved circular hollow section	Qtl	1.70			
3	Providing Trapezoidal polycoated galvanized roofing sheet(Dyna or Equiv.) at all levels including fitting and fixing with self drilling and self tapping i/c ridges etc complete as per direction (i)0.40 mm thick .	SQM	28.50			

Sub Total Rs.

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4	Providing dressed wood work in post, walls, battens, post plate bressumers etc. including supplying and fixing with spikes, nails, bolt and nuts of 12mm dia (M.S) and required length etc.complete with kiricide oiling two coats to faces in contact with C.C or masonry (M.S flats, angle cleats and bolt and nuts required for flats, angle cleats wherever use shall be measured and paid separately) (b) With hollock timber.	CUM	0.22			
5	Providing and fixing flush door shutters solid core construction with frame of 1st class hard wood with cross band and face veneered ply wood face panels conforming to relevant I.S code including oxidized iron butt hinges (100mm x 75mm x 3.5mm) 6 nos with necessary wood screws. (iii) 30 mm thick.	SQM	2.37			
6	65 mm thick cement concrete floor consisting of 53 mm under layer of cement concrete in prop. 1:3:6 (1cement : 3 coarse sand : 6 coarse aggregate of 25mm and down) and 12 mm thick wearing coarse of cement sand plastering in prop. 1:2 laid in panels and finished with a floating coat of neat cement finish (using cement slurry for bond @ 2.75 kg. per square meter of floor area) including curing etc. complete as directed.	SQM	50.24			
7	Brick work in cement mortar with 1st class brick including racking out joints and curing complete as directed.	CUM	0.39			

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8	Earth/ sand filling in plinth in layers not more than 150mm thick including necessary carriage, watering, ramming etc. complete as directed and specified including payment of land compensation, forest royalty, sales tax and other duties and taxes as may be necessary. (c) With river sand or silt (predominantly non plastic) by truck carriage including loading and unloading.	CUM	0.94			
9	20 mm thick Cement plaster in two coats on single or half brick walls for interior plastering up to 1st floor level including arises, internal rounded angles, chamfers and / or rounded angles not exceeding 80mm in girth and finished even and smooth including curing complete as directed. A) On rough side (backing coat 15 mm and finishing coat 5mm thick)(a) In prop 1:3	SQM	7.89			
10	Providing two coats of Birla White Wall Care Putty (Water Resistant White Cement based putty for concrete/ mortar walls and ceiling both internal and external) after removing all loosely adhering material from the wall surface with the help of emery stone, putty blade or wire brush and moistening the wall with sufficient quantity of clean water as specified and directed by the department. (ii)Thickness = 1.0mm thick	SQM	152.66			
11	Wall painting (two coats) with acrylic emulsion paint approved brand and manufacture (Asian paint/ Berger paint/ ICI paint/ J & N paint/ Nerolac) on new surface to give an even shade after thoroughly brushing the surfaces free from mortar droppings and other foreign matter and sand papered smooth. (a).Acrylic Emulsion Paint	SQM	80.33			

approved brand and manufacture (Asian paint/ Berger paint/ ICI paint/ J & N paint/ Nerolac)					
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Sub Total Rs.

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Sl. No	Description of Item	Unit	Qty	Rate in Figure	Rate in Words	Amount
12	Finishing wall with two coats of acrylic emulsion exterior coatings of Unicem "Rakshak" brand of required shade by thinning 1ltr. of paint with 750ml of water to give an even shade after thoroughly brooming the surfaces to remove all dirt and remains of loose powdered materials as specified and directed by the department.	SQM	72.33			

Grand Total Rs.

Rupees (.....) Only

- NB:
1. Rate must be quoted both in word and figure.
 2. All work will be executed as per CPWD's norms.

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