

**CSIR-CENTRAL MECHANICAL ENGINEERING RESEARCH INSTITUTE
(COUNCIL OF SCIENTIFIC & INDUSTRIAL RESEARCH)
M.G.AVENUE, DURGAPUR- 713209, INDIA**

Annexure-2

Name of the work: "Supply and fixing of false ceiling & PVC flooring in Central CAD Facility group at CRTDH building, CSIR-CMERI Durgapur"

LIST OF APPROVED MAKES FOR CIVIL WORK.

1. The Contractor shall obtain approval from the Engineer-In-Charge before placing order for any specific material or engaging any of the specialized agencies.
2. Wherever applicable the Engineer-In-Charge may approve any material equivalent to that specified in the tender subject to proof being offered by the Contractor for equivalence to his satisfaction.
3. Unless otherwise specified, in the tender document all the materials which are ISI Marked shall be used in the work and if the ISI marked materials are not available, materials conforming to IS shall be used, and for the materials which are neither ISI marked not conform to IS, the manufacturer's Specification shall be approved through EIC.

Description	Approved Makes
Fibre Cement Standard Ceiling Board	Everest, Everite
Interior Paint	Berger-All Guard, Asian

8/2/19

ESTIMATE SHEET

Name of the work: "Supply and fixing of false ceiling & PVC flooring in Central CAD Facility group at CRTDH building, CSIR-CMERI Durgapur"

Item No.	Description	Unit	Qty.	Estimated	
				Rate (Rs.)	Amount (Rs.)
1	Providing and fixing of false ceiling with powder coated exposed G.I. grid suspension system (E-Grid T 2430 or equivalent load carrying capacity with mid span deflection not exceeding 1/360 span with hanger spacing of 1200mm c/c) consisting of Main Runner 3600 mm long, Cross Tee 1200 mm / 600 mm 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 300mm c/c. The Main Runners to be placed @ 1200 mm. The Cross Tee 1200mm will be inserted in the pre-cut slots of Main Runner at 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 600 mm X 600 mm. Grid of module size 600 mm X 600 mm shall be supported by 6 mm dia G.I. wire from purlins / soffit. 6 mm thick High Pressure Steam Cured Non Asbestos Fibre Cement Standard Ceiling Board (Density > 1300 Kg/m3) of size 595 mm X 595 mm, conforming IS 14862 & Type B Category III of ISO 8336, tested as per AS-1530 part 3 & BS-476 Part 4,5,6,7 & 8, should be placed in the Grid module to form a False Ceiling. All complete as per the drawing & directions of Engineer-in-charge. In ground floor. False Ceiling (with 6mm thick Fibre Cement Standard Ceiling Board and E-Grid T-2430)	Sqm	100		0.00
2	Supplying & laying of approved make and brand of scratch proof, flexible & homogeneous P.V.C. Vinyl flooring conforming to IS:3462 - 1982 in required finish, fixed with synthetic acrylic adhesive after preparing the floor, levelling & smothering when necessary with suitable putty, as per the design & instruction of the Engineer-in-charge. 2 mm thick (Plain)	Sqm	100		0.00
3	Distemping with oil bound washable distemper of approved brand and manufacture to give an even shade : New work (two or more coats) over and including water thinnable priming coat with cement primer (No separate payment shall be made for scaffolding).	Sqm	96		0.00
Total					0.00
(Rupees in Words)				Say Rs.	

May L. Gupta
16/07/19

Adhikary
21/7/19