



BHARAT HEAVY ELECTRICALS LIMITED
ELECTRO PORCELAINS DIVISION
BANGALORE : 560 012

TENDER DOCUMENT

(PART-B)

(Price Bid Format)

Providing false ceiling and aluminium partition at proposed PV Module manufacturing bay.

DEPARTMENT : WORKS ENGINEERING
SECTION : CIVIL

SCHEDULE - A

Name of the work: Providing false ceiling and ACP cladding at proposed PV Bay

SL.NO.	Description	Unit	Qty	Rate	Amount.
1.00	Labour charges for fabricating of structural steel grid work for false ceiling as shown in drawing which will be issued during execution, with available new steel or by collecting from released structural members by welding/ gas cutting and applying two coats of enamel paint over a coat of red oxide including necessary scaffolding tools and plants up to working height of 9.00 mtrs, detailed fabrication drawings to be submitted by contractor before commencement of work. The required structural steel only will be supplied by BHEL at free of cost. Grid will be made up of Steel Tee, angle and channel sections with suitable wall or seiling support. The suspension arrangement will be made up of MS Angle or flats of adequate thickness.	MT	15.00		
2.00	Providing and fixing 8mm thick Bison Panel/ Fibre Cement Board false ceiling by using GI Channels each measuring 45mm X 15mm. Ceiling section 70mm X 25mm. L angle 18mm X 18mm. Perimeter 25mm X 20mm for every 450mm, support drawn from ceiling and the joints should be sealed with silicon compound and fibre tape including the cost of one coat of primer and two coats of enamel paint (Asian make only) to the grid etc. complete. Also including the cost of all scaffolding and other equipments required for working at height of about 7m. including the cost of all safety equipments etc complete.	sqm	2,100.00		
3.00	Providing, fabricating, assembling and fixing in position aluminium partitions using aluminium sections of Jindal or equivalent make and of mat fininsh in combination of plain grove, single grove and double grove as per the requirements for the frames of overall size 63.5mm X 38.1mm with thickness of 2mm having section weight plain sections 1.054kg/m single grove thickness 1.95,, section weight 1.094kg/m, double grove thickness 1.9mm section weight 1.094kg/m and bottom member 114.3mm X 44.5mm, thickness 3.18mm, weight 2.646kg/m, bottom and top portion provided with 12mm thick prelaminated sheet both side of approved colour laminated exterior grade upto 1.5m height at bottom portion and 1 X 1m at top portion, spacing of vertical member 1.0m c to c:sections are cut into required lengths, joints mitered and corners grinded subdividing frames tennoned and revitted to the frames; the assembled frame stiffened with corner angles, stripped and fixed with screws, rawl plugs and teak wood guttied to side walls, top and floor at bottom. Providing and fixing 5.5mm thick plain glass in two tiers for middle portion of height 1.5 m each. Including the cost of silicon sealant, spacer tape, masking tape, screws and other fasteners etc and providing provision for door opening (excluding the cost of door shutter) all the frames throughly cleaned, free from rust, scale or durt including cost of materials, fixtures, labours and HOM of machinery etc complete. As per the sample shown.	sqm	100.00		

4.00	Providing, fabricating, assembling and fixing in position aluminium shutters of jindal or equivalent make to existing aluminium partition frame in the partition using 47.62 X 44.45mm section thickness 3.18mm, weight 1.505kg/m for vertical frame; 47.62 X 44.45 thickness of 3mm, weight 1.42kg/m for top section, 49.91mm X 44.45mm with wall thickness 3mm, weight 1.495kg/m for central rail. and 114.3mm X 44.45mm thickness 3.18mm weight 2.646kg/m for bottom rail and top rail pivoted, opening arrangement including providing and fixing standard approved accessories such as aluminum handles, tower bolts, locks, pivots, 12mm prelaminated sheets exterior grade of approved colour for bottom panel of height 1.2m and 5.5mm thick plain glass for top panel and glass fixed with silicon sealant. Aluminum section treated for for removal of any rust and prevention of further rust formation, and coated with greasy material for non adherence of mortars or any other sticky materials, including cost of all materials, required number of ball bearings (heavy duty), nylon roller, fixtures, labour and HOM of machinery etc complete. As per sample shown.	sqm	25.20			
					SUB TOTAL	
Taxes, if any (i)						
(ii)						
(iii)						
					GRAND TOTAL	

(Rupees _____)

- Note: 1. Taxes, if any may be quoted saperately at the space provided, otherwise the rate quoted by the contractor will be concluded as inclusive of all taxes. Any other changes in this regards will not be considered at later stage.
2. Contractors are advised to meet the engineer - in - charge and understand the scope of work clearly before quoting.

Signature of the contractor

Name:
Address:

Contact No.:
Email Id: