

**BILL OF QUANTITY FOR THE WORK OF "RENOVATION OF CIVIL AND PLUMBING
WORKS FOR LAB. No. 43 (Dr. SURAJIT SINHA), GROUND FLOOR OF MAIN BUILDING,
IACS"**

Sl. No.	Description of Items	Unit	Quantity	Rate/Unit (Rs.)	Amount (Rs.)
1	DISMANTLING WORK				
1.1	Stripping off worn out plaster (outside and inside) and raking out joints of walls, ceiling etc. upto any height and in any floor including removing rubbish and stacking any where within the compound as directed by EIC.	Sq.M	60.00		
1.2	Dismantling the existing False ceiling with proper care and stacking all the damaged materials inside the Campas as directed by EIC.	Sq.M	35.00		
2	CIVIL WORK				
2.1	Plaster to wall, ceiling etc. with coarse sand and cement mortar including rounding off or chamfering corners as directed and raking out joints or roughening of concrete surface including throating, nosing and drip coarse where necessary. Thickness of Plaster is 20mm with 1:6 ratio. The rate is inclusive required scaffolding and staging at any level.	Sq.M	60.00		
2.2	Applying two coats of Mastercrete M-81 (Acrylic Co-polymer) or equivalent acrylic latex mixed with cement in the ratio of 1:2 by means of brush two coats at an interval of 12 hrs. each, curing the the coating for three days.	Sq.M	20.00		
3	FALSE CEILING				
3.1	Providing and fixing at all height False Ceiling of 12.5 mm thick Gypsum Board of Casoprano, Sundance vairyty (semi-perforated) of India Gypsum or equivalent conforming to IS: 2095 including the frame work by 15mm narrow flashed stiched suspension grid system using 32mm x 15mm Tee section and grid of 600mm x 600mm. Main runner to be fixed by 2mm thick pre-streched GI wire with soffit cleat and GI rawl plug inserted on the main roof to be fixed @ 1220 c/c. All base frame material clip should be of cold rolled steel components and coated with hot dip galvanized steel. It should have a capping of material coated with backed polyester paint. The item includes cost of two coats of primer suitable for Gypsum board and also including the cost of making opening for light fittings, grills, diffusers, cut outs made with perimeter channels suitably fixed all complete excluding the cost of the painting.	Sq.M	10.00		
4	WOOD WORK				

Sl. No.	Description of Items	Unit	Quantity	Rate/Unit (Rs.)	Amount (Rs.)
4.1	Supplying, fitting and fixing of bubble free float glass (5mm thick) of approved make and brand with wooden bead including polishing at the fixed and openable portion of existing wooden door shutter.	Sq.M	2.00		
4.2	French polishing to wood work on old surface (including removing existing polish upto the satisfaction of EIC) preparing the surface all complete.	Sq.M	5.00		
4.3	Wood work for frame structure making partition wall fitted and fixed in position complete including a protective coat of primer painting.	Cu.M	0.070		
4.4	Supplying, fitting and fixing boiling water proof 12mm thick ply conforming to IS: 710-1977 bonded with phenol formaldehyde synthetic resin conforming to IS: 848-1974 of approved make and brand fitted and fixed as per design as per approval and direction of Engineer-in-Charge.	Sq.M	1.50		
5	PAINTING				
5.1	Priming one coat on timber, plastered surface with systhetic oil bound primer of approved quality including smoothening surface by sand papering etc.	Sq.M	95.00		
5.2	Applying Acrylic Emulsion Paint approved make and brand on walls and ceiling including sand papering in intermeadiate coats including putty. Two or more coats to give an even shade.	Sq.M	95.00		
5.3	Rendering the surface of walls, ceiling with white cement based wall putty of approved make and brand. (1.5mm thick).	Sq.M	95.00		
5.4	Painting on timber surface with best quality synthetic enamel paint of approved make and brand including smoothening surface by sand papering etc. including using of approved putty etc. on the surface, if necessary.	Sq.M	3.00		
6	ALUMINIUM WORKS				

Sl. No.	Description of Items	Unit	Quantity	Rate/Unit (Rs.)	Amount (Rs.)
6.1	Providing and fixing anodized Aluminium work of approved shade for window as per approved design using extruded standard sections of HINDALCO conforming to IS: 733 and IS: 1285, anodized colour of approved shade according to IS: 1868 fixed with rawl plugs and screws or with fixing clips including necessary filling up of gaps at junction, at top, bottom and sides with required neoprene felt etc.. This item will include all necessary standard accessories like P.V.C weather gasket, EPDM glazing gasket, handle, hinges and applying polysulphide sealant all round peripheri of the window, along with 5mm thick tinted float glass/frosted glass approved colour all complete. The rate is inclusive taking out the existing steel window.	Sq.M	5.50		
6.2	Providing and fixing anodized Aluminium work of approved shade for partition work as per approved design using extruded standard sections of HINDALCO conforming to IS: 733 and IS: 1285, anodized colour of approved shade according to IS: 1868 fixed with rawl plugs and screws or with fixing clips including necessary filling up of gaps at junction, at top, bottom and sides with required neoprene felt etc. This item will include all necessary standard accessories like P.V.C weather gasket, EPDM glazing gasket, handle, hinges and applying polysulphide sealant all round peripheri of the window, along with 5mm thick tinted float glass/frosted glass approved colour all complete.	Sq.M	32.00		
6.3	Providing and fixing anodized Aluminium work of approved shade for Sliding door work as per approved design using extruded standard sections of HINDALCO conforming to IS: 733 and IS: 1285, anodized colour of approved shade according to IS: 1868 fixed with rawl plugs and screws or with fixing clips including necessary filling up of gaps at junction, at top, bottom and sides with required neoprene felt etc. This item will include all necessary standard accessories like P.V.C weather gasket, EPDM glazing gasket, handle, hinges, locking arrangement and applying polysulphide sealant all round peripheri of the window, along with 5mm thick tinted float glass/frosted glass approved colour all complete.	Sq.M	2.65		
7	SANITARY AND PLUMBING WORKS				
7.1	Supplying, fitting and fixing G.I pipes of TATA make with all necessary accessories, special viz. socket, bend, tee, union, elbow, nipple, longscrow, reducing socket, reducing tee, short piece etc. fitted with holder bats clamps, cutting pipes, making threads, fitting, fixing etc. complete in all respect including cost of all necessary fittings as required, jointing materials and two coats of painting with approved paint in any position.				
a).	15mm dia. Medium quality.	Metre	5.00		

Sl. No.	Description of Items	Unit	Quantity	Rate/Unit (Rs.)	Amount (Rs.)
b).	20mm dia. Medium quality.	Metre	5.00		
7.2	Supplying, fitting and fixing Peet's valve fullway gunmeta statnard pattern best quality of approved brand bearing ISI marking with fittings.				
a). 15 mm		Each	3.00		
8	MISCELLANEOUS WORKS				
8.1	Providing, fiiting and fixing best quality blinds manually operated with all accessories as per design and direction of EIC.	Sq.M	5.50		
8.2	Providing and fixing of Polyester film (frosted range) of approved make and brand on internal galss partitions as per design and instruction of EIC.	Sq.M	15.00		
				TOTAL	