

BILL OF QUANTITY FOR THE WORK OF "RENOVATION WORK CONSISTS OF CIVIL, PLUMBING AND FURNITURE WORKS FOR ROOM No. 77 (Dr. Ashim Bhoumik) AT 1st 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	25.00		
1.2	Dismantling all types of plain cement concrete / reinforced concrete works, stacking serviceable materials at site and removing rubbish as directed by EIC.	Cu.m	0.50		
1.3	Dismantling all types of masonry excepting cement concrete plain or reinforced, stacking serviceable materials at site and removing rubbish as per direction of EIC	Cu.m	0.50		
2	CIVIL WORK				
2.1	Brickwork with 1st class bricks in cement mortar (1:6) in any floor or height including scaffolding and staging at any height.	Cu.M	0.65		
2.2	125 mm thick Brick work with 1st class bricks in cement mortar (1:6) in the Room No.77.	Sq.M	2.25		
2.3	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	35.00		
2.4	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	15.00		

2.5	Ordinary Cement concrete (1:2:4) with graded stone chips (20mm nominal size) excluding shuttering and reinforcement. The rate is inclusive required scaffolding and staging at any level.	Sq.M	3.50		
2.6	Supplying and laying true to line and level vitrified tiles of approved brand (size not less than 600mmx600mmx10mm thick) in floor, skirting etc. set in 20mm sand cement mortar (1:4) and 2mm thick polymerised adhesive at the back side of tiles (6mm thick layer applied directly over finished artificial stone floor without any backing course) laid after application slurry using 1.75Kg of cement per sq.m below mortar only, joints grouted with admixture of white cement and colouring pigment to match with colour of tiles / epoxy grout materials of approved make as directed and polishing the tiles using soft and dry cloth upto mirror finish complete including the cost of materials, labour and all other incidental charges complete true to the manufacturer's specification and direction of Engineer -In-Charge.	Sq.M	41.00		
2.7	Supplying, fitting & fitting granite slabs 15mm to 18mm thick with uniform texture & without decorative veins in Skirting, top of wooden working bench making suitable arrangements to hold the granite slabs properly by 15mm thick cement mortar (1:2) / suitable adhesive on wooden surface. The joints filling with admixture of pigment matching of stone shades and edges are moulded as per direction of EIC.	Sq.M	16.00		
3	PAINTING WORKS				
3.1	Priming one coat on timber, plastered surface with synthetic oil bound primer of approved quality including smoothing surface by sand papering etc.	Sq.M	135.00		
3.2	Applying Acrylic Emulsion Paint approved make and brand on walls and ceiling including sand papering in intermediate coats including putty. Two or more coats to give an even shade.	Sq.M	135.00		
3.3	Rendering the surface of walls, ceiling with white cement based wall putty of approved make and brand. (1.5mm thick).	Sq.M	135.00		

3.4	French polishing to wood work including removing existing polish or old paint and preparing the surfaces all complete.	Sq.M	8.50		
4 SANITARY & PLUMBING WORKS					
4.1	Supplying, fitting and fixing G.I pipes of TATA make with all necessary accessories, special viz. socket, bend, tee, union, elbow, nipple, long screw, 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	15.00		
b).	20mm dia. Medium quality	Metre	10.00		
c).	25mm dia. Medium quality	Metre	10.00		
4.2	Supplying, fitting and fixing Peet's Valve fullway gunmetal standard pattern best quality of approved brand bearing ISI marking with fitting.(tested to 21kg/sq.cm)				
a).	20mm dia.	Each	2.00		
a).	15mm dia.	Each	8.00		
5 FURNITURE WORKS					
5.1	Providing and fixing of wooden Island Bench for Room No.77of 2400x1500mm top plan with 900 mm height as per drawing. Total construction made of 19mm thick water proof block board, having drawers on the both sides. Regent rack (3 layers of 300mm wide) made of plywood at the middle of 2400mm length. All visible outside surfaces (except top, which covered with black granite and paid it seperately) to be finished with 1 mm thick matt finished laminate of approved colour and manufacturer and inside to be finished with french polish. All free edges of the plywood and blockboard covered with 5mm thick teak wood beading and melamine finish. All fitting and fixture like drawer chhanel, tower bolts, godrej locks, S.S.handles etc. are fixed as per approval of Engineer-In-Charge	Each	2.00		

5.2	Providing and fixing of Working Bench -1 of 600mm wide, 900mm height and 2900mm length for Room No.77 making from 19mm thick water proof block board including drawers & shutters with shelves as per drawing. All visible outside surfaces (except top, which covered with black granite and paid it seperately) to be finished with 1 mm thick matt finished laminate of approved colour and manufacturer and inside to be finished with french polish. All free edges of the plywood and blockboard covered with 5mm thick teak wood beading and melamine finish. All fitting and fixture like drawer chhanel, tower bolts, godrej locks, S.S.handles etc. are fixed as per approval of Engineer-In-Charge.	Each	1.00		
5.3	Providing and fixing of Working Bench -2 of 600mm wide, 900mm height and 4000mm length for Room No.77 making from 19mm thick water proof block board including drawers & shutters with shelves as per drawing. All visible outside surfaces (except top, which covered with black granite and paid it seperately) to be finished with 1 mm thick matt finished laminate of approved colour and manufacturer and inside to be finished with french polish. All free edges of the plywood and blockboard covered with 5mm thick teak wood beading and melamine finish. All fitting and fixture like drawer chhanel, tower bolts, godrej locks, S.S.handles etc. are fixed as per approval of Engineer-In-Charge.	Each	1.00		
6	MISCELLANEOUS WORKS				
6.1	Supplying 'Godrej' mortice lock chromium plated with latch and keys 4 levers, including fitting and fixing all complete.	Each	1.00		
6.2	Supplying Hydraulic door closer (Medium, size 2) of approved quality as per I.S. standard fitted and fixed in position.	Each	1.00		
6.3	Supplying Brass floor door stopper of approved quality as per I.S. standard fitted and fixed in position.	Each	1.00		
6.4	Providing & fixing, polyester film (frosted range) of approved make & brand on the glass surface as per design and direction of EIC..	Sq.m	2.00		

6.5	Supplying S.S Door Handle as per approved fitting and fixing with all necessary accessories all complete.	Each	4.00		
6.6	Supplying best Indian sheet glass panes (5mm thick) set in putty as per I.S. Specification and fitted & fixed with teak wood beads and nails all complete at any level.	Sq.M	1.50		
6.7	Providing & fixing, polyester film (frosted range) of approved make & brand on the glass surface as per design and direction of EIC.	Sq.M	1.50		
				TOTAL	