

BILL OF QUANTITY

Name of work: Providing aluminium partition cabin for the office room of School of Business at 5th floor of Research Building in IITG Campus.

Item No.	Description of item	Unit	Quantity	Rate in figure (₹)	Rate in Words	Amount (₹)
1	Providing and fixing aluminium work for doors, windows, ventilators and partitions with extruded built up standard tubular sections/ appropriate Z sections and other sections of approved make conforming to IS: 733 and IS: 1285, fixing with dash fasteners of required dia and size, including necessary filling up the gaps at junctions, i.e. at top, bottom and sides with required EPDM rubber/ neoprene gasket etc. Aluminium sections shall be smooth, rust free, straight, mitred and jointed mechanically wherever required including cleat angle, Aluminium snap beading for glazing / paneling, C.P. brass / stainless steel screws, all complete as per architectural drawings and the directions of Engineer-in-charge. Anodised aluminium (anodised transparent or dyed to required shade according to IS: 1868, Minimum anodic coating of grade AC 15) (Glazing, paneling and dash fasteners to be paid for separately) :					
	a) For fixed portion	kg.	245.00			
	(b) For shutters of doors, windows & ventilators including providing and fixing hinges/ pivots and making provision for fixing of fittings wherever required including the cost of EPDM rubber / neoprene gasket required (Fittings shall be paid for separately). Anodised aluminium (anodised transparent or dyed to required shade according to IS: 1868, Minimum anodic coating of grade AC 15)	Kg.	15.53			

2	Providing and fixing anodised aluminium grill (anodised transparent or dyed to required shade according to IS: 1868 with minimum anodic coating of grade AC 15) of approved design/pattern, with approved standard section and fixed to the existing window frame with C.P. brass/ stainless steel screws @ 200 mm centre to centre, including cutting the grill to proper opening size for fixing and operation of handles and fixing approved anodised aluminium standard section around the opening, all complete as per requirement and direction of Engineer-in-charge. (Only weight of grill to be measured for payment).	kg.	9.23			
3	Providing and fixing 12 mm thick prelaminated particle board flat pressed three layer or graded wood particle board conforming to IS: 12823 Grade I Type II, in panelling fixed in aluminum doors, windows shutters and partition frames with C.P. brass / stainless steel screws etc. complete as per architectural drawings and directions of engineerin- charge.					
	Pre-laminated particle board with decorative lamination on both sides	Sqm	12.20			
4	Providing and fixing glazing in aluminium door, window, ventilator shutters and partitions etc. with EPDM rubber / neoprene gasket etc. complete as per the directions of engineer-in-charge . (Cost of aluminium snap beading shall be paid in basic item):					
	With float glass panes of 5 mm thickness	Sqm	10.00			
5	Providing and fixing sunflim HP chorcol 5/G-5 (Gaware Make)	Sqm	10.000			

6	Providing and fixing bright finished brass 100 mm mortice latch and lock, ISI marked, with six levers and a pair of anodised (anodic coating not less than grade AC 10 as per IS : 1868) aluminium lever handles of approved quality with necessary screws etc. complete.	Each	1.00			
7	Providing and fixing ISI marked aluminium butt hinges anodised (anodic coating not less than grade AC 10 as per IS: 1868) transparent or dyed to required colour or shade with necessary screws etc. complete:					
	(a) 100x63x4 mm	Each	4.00			
8	Providing and fixing aluminium tower bolts, ISI marked, anodised (anodic coating not less than grade AC 10 as per IS : 1868) transparent or dyed to required colour or shade, with necessary screws etc. complete :					
	250x10 mm	Each	1.00			
9	Providing and fixing aluminium handles, ISI marked, anodised (anodic coating not less than grade AC 10 as per IS : 1868) transparent or dyed to required colour or shade, with necessary screws etc. complete :					
	125 mm	Each	2.00			
10	Steel work welded in built up sections/ framed work, including cutting, hoisting, fixing in position and applying a priming coat of approved steel primer using structural steel etc. as required.					
	(a) In gratings, frames, guard bar, ladder, railings, brackets, gates and similar works	kg.	36.00			

11	Providing and fixing 25 mm thick MDF board conforming to IS 14587:1998 for floor paneling work in gallery (horizontal & vertical lines) over MS frame including all complete as directed by Engineering-in-Charge.	Sqm.	7.32			
12	Providing and laying vitrified tiles in floor with size of 600x600 mm and thickness of 8 mm with water absorption less than 0.08% and conforming to IS:15622, of approved brand & manufacturer, in all colours and shade, laid with cement based high polymer modified quick set tile adhesive (water based) conforming to IS : 15477, in average 6 mm thickness, including grouting of joints (Payment for grouting of joints to be made separately).					
	(a) Size of Tile 600x600 mm	Sqm	7.32			
13	Providing and fixing Chlorinated Polyvinyl Chloride (CPVC) pipes, having thermal stability for hot & cold water supply, including all CPVC plain & brass threaded fittings, including fixing the pipe with clamps at 1.00 m spacing. This includes jointing of pipes & fittings with one step CPVC solvent cement and testing of joints complete as per direction of Engineer in Charge.					
	(a) 20 mm nominal dia Pipes	Rm	23.00			
14	Providing and fixing Stainless Steel A ISI 304 (18/8) kitchen sink as per IS:13983 with C.I. brackets and stainless steel plug 40 mm, including painting of fittings and brackets, cutting and making good the walls wherever required :					
	Kitchen sink with drain board					
	(a) 510x1040 mm bowl depth 250 mm	Each	1.00			

15	Supply and fixing 15mm CP brass Sink Cock with swinging casted spout wall flange and suitable length CP brass extension pipe all of approved make (CP fittings CAT No. FLR5347ND of Jaquar or equivalent).	Each	1.00			
16	Providing and fixing P.V.C. waste pipe for sink or wash basin including P.V.C. waste fittings complete.					
	(a) 40 mm dia	Each	1.00			
17	Providing and fixing on wall face unplasticised Rigid PVC sewer pipe pipes conforming to IS : 13592 Type A, including jointing with seal ring conforming to IS : 5382, leaving 10 mm gap for thermal expansion,					
	(a) 110 mm diameter	Rm	21.00			
	Total Amount ` =					
	Rebate if Any =					
	Total Amount after rebate ` =					
	Rounded off =					

(RupeesOnly)