

## Detailed Estimate-A

**Name of work: Miscellaneous works at Hall of Residence-I of PDPMIITDM  
Jabalpur.**

DSR No.	Description of items	Unit	Quantity	Rate	Amount
9.142	35 mm thick factory made Solid panel PVC Door shutter , made out of single piece extruded solid PVC profiles, 5 mm ( $\pm$ 0.2 mm) thick, having styles & rails (except lock rail) of size 95 mm x 35 mm x 5 mm, out of which 75 mm shall be flat and 20 mm shall be tapered (on both side),having one side thickness of 15 mm integrally extruded on the hinge side of the profile for better screw holding power , including reinforcing with MS tube of size 40 mm X 20 mm x 1 mm, joints of styles & rails to be mitered cut & joint with the help of PVC solvent cement, self driven self tapping screws & M.S. rectangular pipes bracket of size 190 mm X 100 mm of cross section size 35 mm x 17 mm x 1 mm at each corner . Single piece extruded 5 mm thick solid PVC Lock rail of size 115 mm x 35 mm, out of which 75 mm to be flat and 20 mm to be tapered at both ends, having 15 mm solid core in middle of rail section integrally extruded, fixing the styles & rails with the help of solvent and self driven self tapping screws of 125 mm x 1 mm, including providing 5 mm Single piece solid PVC extruded sheet inserted in the door as panel, all complete as per manufacturer's specification and direction of Engineer-				
9.142.1	Non decorative finish (matt finish)	Sqm.	9	3240.80	29167.20
10.5	Providing and fixing 1mm thick M.S. sheet door with frame of 40x40x6 mm angle iron and 3 mm M.S. gusset plates at the junctions and corners,all necessary fittings complete, including applying a priming coat of approved				
10.5.1	Using M.S. angels 40x40x6 mm for diagonal braces	Sqm.	40	4428.15	177126.00

DSR No.	Description of items	Unit	Quantity	Rate	Amount
12.5	Supply and installation precoated galvanised iron profile sheets (size, shape and pitch of corrugation as approved by Engineer-in-charge) .50mm +/- 5% total coated thickness (TCT) thick zink coating 120gsm as per IS : 277 in 240mpa steel grade , 15-18 microns. Sheet should have protective guard film of 25 microns minimum to avoid scratches while transportation and should be supplied in single length upto 12 mtr. Or as desired by Engineer-in-charge. The sheet shall be fixed using self drilling /self tapping screws of size (5.5x55mm) with EPDM seal or with polymer coated J or L hooks, bolts and nuts 8mm dia with bitumen and G.I. limpet washers or with G.I. limpet washers filled with white lead complete upto any pitch in horizontal/vertical or curved surface excluding cost of purlis ,rafters and trusses and including cutting to size and shape wherever required.	Sqm.	7	627.55	4392.85
9.97	Providing and fixing aluminium tower bolts ISI marked anodised transparent or dyed to required colour or shade with necessary screws etc. complete.				
9.97.4	150x10mm.	Each	20	75.00	1500.00
9.1	Providing and fixing aluminium handles ISI marked to required colour or shade with necessary screws etc. complete.				
9.100.2	100mm	Each	20	52.85	1057.00

<b>DSR No.</b>	<b>Description of items</b>	<b>Unit</b>	<b>Quantity</b>	<b>Rate</b>	<b>Amount</b>
21.1.1	Providing and fixing aluminium work for doors, windows, ventilators and partitions with extruded built up standard tubular sections/ appropriate Z section and other sections of approved make conforming to IS:733 and IS:1285, fixed with rawl plugs and screws or with fixing clips, or with expansion hold fasteners including necessary filling up of gaps at junctions, at top, bottom and sides with required PVC / neoprene felt 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. (Glazing and paneling to be paid for separately):				
21.1.1	For fixed portion	Kg.	35	423.95	14838.25
21.3	Providing and fixing glazing in aluminium door, windows, ventilator shutters and partitions etc. with PVC/ neoprene gasket etc. complete as per the architectural drawings and the directions of the Engineer-in-Charge. (Cost of aluminium snap beading shall be paid in basic item).				
21.3.1	With float glass panes/frosted glass of 4.0mm thickness.	Sqm.	14	999.60	13994.40
<b>Total</b>					<b>242076</b>

**Quoted Rates:** .....% above / below estimated cost  
(To be quoted by the contractor)

(Signature of contractor)