

26 MISCELLANEOUS BUILDING WORKS

Sl. No	Description	UNIT	Rate (Rs p)
26.01	Making plinth protection 50mm thick of cement concrete 1:3:6 (1 cement : 3 coarse sand : 6 graded stone aggregate 20 mm nominal size) over 75mm bed of dry brick ballast 40mm nominal size well rammed and consolidated and grouted with fine sand including finishing the top smooth. (16.1 C.P.W.D. 2002)	sqm	409.9
26.02	Making plinth protection with 1st Class bricks laid on edge in cement mortar 1:6 (1 cement : 6 coarse sand) with 12 mm thick bed of cement mortar 1:6 (1 cement : 6 coarse sand) over 75 mm bed of dry brick aggregate 40 mm nominal size rammed, consolidated and grouted with fine sand and the top of bricks pointed with cement mortar 1:3 (1 cement : 3 fine sand) : (16.2 C.P.W.D. 2002)		
	(a) 16.2.1 - With First Bricks bricks	sqm	1165.70
26.03	Providing and fixing precast reinforced cement concrete urinal partition 105x60cm deep and 56 mm thick in cement concrete mix 1:2:4 (1 cement : 2 coarse sand : 4 graded stone aggregate 6mm nominal size) reinforced with mild steel bars 6mm dia at 15cm centre to centre both ways fixed in walls with cement concrete 1:2:4 (1 cement : 2 coarse sand : 4 graded stone aggregate 6mm nominal size) including finishing with 12mm plastering with terrazo finish rubbed and polished complete, under layer 6 mm thick cement plaster 1:3 (1 cement : 3 coarse sand) and top layer 6 mm thick white, black or white and black marble chips of 3 mm and down size laid in cement marble powder mix 3:1 (3 cement : 1 marble powder) by weight in proportion of 4:7 (4 cement marble powder mix : 7 marble chips) (16.3 C.P.W.D. 2002)	No	1586.80
26.04	Providing and fixing stone slab table rubbed and polished of size 105cmx60cm deep and 1.8 cm thick fixed in urinal partitions with cement concrete 1:2:4 (1 cement : 2 coarse sand : 4 graded stone aggregate 6 mm nominal size) and finished smooth. (16.4A C.P.W.D. 2002)		
	(a) 16.4A.1 - White Agaria Marble Stone	sqm	3422.60
	(b) 16.4A.2 - Granite Stone of approved shade	sqm	7724.00
26.05	Providing and fixing 15 cm high drawer of the cupboard with 12 mm thick base and side planks with wooden handle and 20x25mm runners fixed with screws complete including painting or polishing (16.12 C.P.W.D. 2002)		
	(a) 16.12.1 - Ist class teak wood	sqm	3795.70

Sl. No	Description	UNIT	Rate (Rs p)
26.06	Providing and fixing aluminium strip edging to staircase including fixing with rawl plugs and screws with a thin layer of cement mortar 1:3 (1 cement : 3 coarse sand): (16.14 C.P.W.D. 2002)		
	(a) 16.14.1 - Size of strip edging 57x12x3 mm	m	210.30
	(b) 16.14.2 - Size of strip edging 38x12x3 mm	m	180.10
26.07	Brick edging 7cm wide 11.4cm deep to plinth protection with First Class Bricks including grouting with cement mortar 1:4 (1 cement : 4 fine sand). (16.15 C.P.W.D. 2002)	m	78.00
26.08	Providing and fixing cup board shutters 25 mm thick, with prelaminated flat pressed three layer particle board conforming to IS: 12823 exterior grade (Grade -I Type II) having one side decorative lamination of approved shade and other side balancing lamination including IInd class teak wood lipping of 25mm wide x12mm thick with necessary screws and nickle plated bright finished M.S. piano hinges complete as per direction of the Engineer-in-Charge. (16.17 C.P.W.D. 2002)	sqm	1497.10
26.09	Providing and fixing cup board shutters with 25mm thick veneered particle board conforming to IS : 3097 exterior grade (Grade I) of approved make including IInd class teak wood lipping of 25mm wide x 12mm thick with necessary screws and nickle plated bright finished M.S. piano hinges complete as per direction of Engineer-in-Charge. (16.18 C.P.W.D. 2002)		
	(a) 16.18.1 - With teak veneering on one side and commercial veneering on other side	sqm	1315.90
	(b) 16.18.2 - With commercial veneering on both sides	sqm	1198.60
26.10	Providing and fixing factory made door shutters 30mm thick made of prelaminated flat pressed three layer particle board conforming to IS : 12823 exterior grade (Grade -I Type II) having one side decorative lamination of approved shade including 2nd class teak wood lipping of 25mm wide x12mm thick size with necessary screws and black enamelled M.S. butt hinges complete as per direction of the Engineer- in-Charge. (16.19 C.P.W.D. 2002)	sqm	1801.30

Sl. No	Description	UNIT	Rate (Rs p)
26.11	<p>Providing and fixing factory made medium density particle board door shutters flat pressed three-layer prelaminated particle board exterior grade, conforming to IS : 3087 grade-I and prelamination conforming to IS : 12823 Grade - I Type II both side decorative matt lamination of approved design, and edges sealed with water resistant paint and lipped with aluminium 'U' type edge beading around the shutter, including fixing with angle cleat, grip strip, cadmium plated steel screws including fixing of aluminium hinges 100x63x4 mm etc. complete as per architectural drawing and direction of Engineer-in-Charge (cost of 'U' beading and hinges will be paid for separately) :</p> <p>(16.20 C.P.W.D. 2002)</p> <p>(a) 16.20.1 - 25 mm thick</p>	sqm	2358.20
26.12	<p>Providing and fixing aluminum U beading of required size to prelaminated /flush door shutter including fixing etc. complete as per direction of Engineer-in-charge.</p> <p>(16.21 C.P.W.D. 2002)</p>	kg	575.00
26.13	<p>Providing and fixing factory made PVC door frame made of PVC extruded section having overall dimension of 48x40 mm (tolerance + 1 mm) with wall thickness 2.0 mm + 0.2 mm, corners of the door frame to be mitred and joined by means of plastic/M.S. galvanized brackets and stainless steel screws. The hinge side vertical of the frames reinforced by galvanised M.S. tube of size 19x19 mm and 1 mm + 0.1 mm wall thickness and 3 Nos. stainless steel hinges fixed to the frame complete as per manufacturers specification and direction of Engineer-in-charge. (Sintex or Plasopan) :</p> <p>(16.22 C.P.W.D. 2002)</p> <p>(a) 16.22.1 - 48x40x2.0 mm thick PVC door frame</p>	m	180.20
26.14	<p>Providing and fixing to existing door frames 24 mm thick factory made PVC door shutters made of styles and rails of a UPVC hollow section of size 59x24 mm and wall thickness 2 mm + 0.2 mm with inbuilt edging on both sides. The styles and rails mitred and joined at the corners by means of M.S. galvanised/plastic brackets of size 75x220 mm having wall thickness 1.0 mm and stainless steel screws. The styles of the shutter reinforced by inserting galvanised M.S. tube of size 20x20 mm and 1 mm + 0.1 mm wall thickness. The lock rail made up of 'H' section, a UPVC hollow section of size 100x24 mm and 2 mm + 0.2 mm wall thickness fixed to the shutter styles by means of plastic/galvanised M.S. 'U' cleats. The shutter frame filled with a UPVC multi-chambered single panel of size not less than 620 mm, having over all thickness of 20 mm and 1 mm + 0.1 mm wall thickness . The panels filled vertically and tie bar at two places by inserting horizontally 6 mm galvanised M.S. rod and fastened with nuts and washers, complete as per manufacturer's specification and direction of Engineer-in-charge. (Plasopan or Sintex) .</p>		

Sl. No	Description	UNIT	Rate (Rs p)
	(16.23 C.P.W.D. 2002)		
(a)	16.23.1 - 24 mm thick shutter	m	1675.30
26.15	Providing and fixing factory made P.V.C. door frame manufactured by M/s Rajshri or equivalent of size 50x47mm with a wall thickness of 5mm, made out of extruded 5mm rigid PVC foam sheet mitred at corners and joined with 2 Nos. of 150mm long brackets of 15x15mm M.S. square tube, the vertical door profiles to be reinforced with 19x19mm M.S. square tube of 19 gauge, EPDM rubber gasket weather seal to be provided through out the frame. The door frame to be fixed to the wall using M.S. screws of 65/100mm size complete as per manufacturers specification and direction of Engineer-in-Charge.	m	378.10
	(16.24 C.P.W.D. 2002)		
26.16	Providing and fixing 30mm thick factory made PVC rigid foam panelled door shutters manufactured by M/s Rajshri or equivalent made from M.S. tube of 19 gauge thickness, size 19x19mm for styles and 15x15mm for top and bottom rails, covered with heat moulded PVC "C" channel of 5mm thick sheet and 30x50mm wide to form styles and 5mm thick and 75mm wide PVC sheets for top rail, lock rail and bottom rail on either side and 5mm thick, 20mm wide cross PVC sheet as gap insert for top rail and bottom rail, panelling of 5mm thick PVC sheet fitted in the M.S. frame welded/sealed to the styles and rails with 5x30mm PVC sheet beading on either side and joined together with solvent cement adhesive etc., complete as per manufacturers specification and direction of Engineer-in-Charge fixed to frames with 4 Nos. M.S. powder coated butt hinges (For W.C. and bathroom shutters)	sqm	2680.80
	(16.25 C.P.W.D. 2002)		
26.17	Providing and fixing 30mm thick factory made PVC rigid foam panelled door shutters manufactured by M/s. Rajshri or equivalent made from M.S. tube of 19x19mm, 19 gauge for styles and 15x15mm for top and bottom rails, covered with heat moulded prelaminated PVC "C" channel of 5mm thick sheet and 30x50mm wide to form styles and 5mm thick and 75mm wide prelaminated PVC sheets for top rail, lock rail and bottom rail on either side and 5mm thick, 20mm wide cross PVC sheet as gap insert for top rail and bottom rail, panelling of 5mm thick PVC sheet prelaminated on both sides fitted in the M.S. frame welded/ sealed to the styles and rails with 5x30mm prelaminated PVC sheet beading on either side and joined together with solvent cement adhesive etc., complete as per manufacturers specification and direction of Engineer-in-Charge fixed to frames with 4 Nos. M.S. powder coated butt hinges (For Internal Shutters)	sqm	3308.00
	(16.26 C.P.W.D. 2002)		

Sl. No	Description	UNIT	Rate (Rs p)
26.18	<p>Providing and fixing PVC rigid foam sheet 1mm thick manufactured by M/s Rajshri or equivalent on existing door shutters (bathroom and W.C. doors) using synthetic rubber based adhesive (Fevicol SR 998 or equivalent)</p> <p>(16.27 C.P.W.D. 2002)</p>	sqm	746.20
26.19	<p>Providing and fixing prelaminated PVC rigid foam sheet manufactured by M/s Rajshri or equivalent wall panelling of thickness 5mm stuck on inner frame work of 35mm wide strips of 5mm thick PVC rigid foam sheet. The strips should have in their centre a groove of 6mm width and 2mm depth for sinking the head of the screw used to fix the strips to the wall and should be placed vertically at equal intervals of 405/407mm centre to centre. The PVC strips to be fixed to the wall using 65mm long M.S. screws through the groove in the strip by using PVC fasteners, the distance between two screws shall not be more than 300mm. A groove of 2mm to be left at the joint of two panels for aesthetic look.</p> <p>(16.28 C.P.W.D. 2002)</p>	sqm	1424.00