

CHAPTER - 7 : WOOD WORK				
Item No.	Description of Item	Unit	Rate (Rs.)	Cement Qty. (qtl.)
	FRAMES			
071010	Providing wood work in frames of doors, windows, clerestory windows and other frames and trusses, wrought, framed and fixed in position :			
071011	Second class teak wood	cudm	77.18	
071012	Sal wood	cudm	33.16	
071013	Hollock wood or locally available comparable species of country wood (to be listed by respective railway). - Kiln seasoned & chemically treated	cudm	45.41	
071014	Kail, venteak, pillamarudhu or locally available comparable species of good country wood (to be listed by respective railway)	cudm	30.34	
071020	Providing wood work in frames of false ceiling, partitions etc. sawn and put up in position			
071021	Sal wood	cudm	40.79	
071022	Hollock wood or locally available comparable species of country wood (to be listed by respective railway). - Kiln seasoned & chemically treated	cudm	41.60	
071023	Kail, venteak, pillamarudhu or locally available comparable species of good country wood (to be listed by respective railway)	cudm	26.76	
071030	Extra for additional labour for circular works, such as in frames of fan light			
071031	Second class teak wood	cudm	7.56	
071032	Sal wood	cudm	4.28	
071033	Hollock wood or locally available comparable species of country wood (to be listed by respective railway). - Kiln seasoned & chemically treated	cudm	4.38	
071034	Kail, venteak, pillamarudhu or locally available comparable species of good country wood (to be listed by respective railway)	cudm	2.87	
	SHUTTERS FOR DOORS AND WINDOWS			
072010	Providing and fixing panelled/glazed or panelled and glazed shutters for doors, windows and clerestory windows including ISI marked black enamelled M.S. butt hinges with necessary screws excluding, panelling/glazing which will be paid for separately			
072011	Second class teak wood, 35mm thick	Sqm	2151.52	
072012	Second class teak wood, 30mm thick	Sqm	1903.09	
072013	Kiln seasoned and chemically treated hollock wood, 35mm thick	Sqm	1036.51	

Item No.	Description of Item	Unit	Rate (Rs.)	Cement Qty. (qtl.)
072014	Kiln seasoned and chemically treated hollock wood, 30mm thick	Sqm	947.92	
072015	Kail, venteak, pillamarudhu or locally available comparable species of good country wood (to be listed by respective railway). 35mm thick	Sqm	1182.70	
072016	Kail, venteak, pillamarudhu or locally available comparable species of good country wood (to be listed by respective railway). 30mm thick	Sqm	1088.37	
072020	Providing and fixing panelling/glazing or panelling and glazing in panelled/ glazed or panelled and glazed shutters for doors, windows and clerestory windows (Area of opening for panel inserts excluding portion inside grooves or rebates to be measured). Panelling/glazing for panelled/ glazed or panelled and glazed shutters 25mm to 40mm thick			
072021	Second class teak wood.15mm thick	Sqm	1681.59	
072022	Hollock wood or locally available comparable species of country wood (to be listed by respective railway). - Kiln seasoned & chemically treated. 15 mm thick	Sqm	804.56	
072023	Kail, venteak, pillamarudhu or locally available comparable species of good country wood (to be listed by respective railway) 15 mm thick	Sqm	715.75	
072024	Ply wood 5ply 9mm thick. Teak ply on both faces	Sqm	1169.49	
072025	Ply wood 5ply 9mm thick. Commercial ply on one face and teak ply on other face	Sqm	989.20	
072026	Ply wood 7ply 9mm thick. Commercial ply on one face and teak ply on other face	Sqm	1037.74	
072030	Providing and fixing paneling and/or glazing in panelled and/or glazed shutters for doors, windows and clerestory windows (Area of opening for panel inserts excluding portion inside grooves or rebates to be measured). Panelling/glazing for panelled/ glazed or panelled and glazed shutters 25mm to 40mm thick			
072031	Particle board 12mm thick. flat pressed 3layer (like Novapan, Ecoboard etc.) or graded wood particle board (like Bhutan Board) medium density Grade-I, IS: 3087 marked	Sqm	645.64	
072032	Particle board 12mm thick. Veneered particle board with commercial veneering on both sides conforming to IS: 3097	Sqm	788.49	
072033	Prelaminated particle board 12mm thick, with decorative lamination on one side and balancing lamination on other side Grade-I, Type-II IS: 12823 marked	Sqm	1033.96	
072034	Prelaminated Particle board 12mm thick with decorative lamination on both sides, Grade-I, Type-II IS: 12823 marked	Sqm	1110.24	

Item No.	Description of Item	Unit	Rate (Rs.)	Cement Qty. (qtl.)
072035	Coir veneer board (conforming to IS : 14842-2000) 8mm thick	Sqm	933.26	
072036	Coir veneer board (conforming to IS : 14842-2000) 12mm thick	Sqm	1120.95	
072037	Glazing with float glass panes 4mm thick (10kg/sqm)	Sqm	368.36	
072040	Extra for providing heavy float glass panes 13.75kg/ Sqm. (5.5mm thick) instead of ordinary float glass panes 10kg sqm. (4mm thick), in doors, windows and clerestory window shutters. (Area of opening for glass panes excluding portion inside rebate shall be measured)	Sqm	66.33	
072050	Deduction for providing frosted glass panes 10kg/Sqm (4mm thick) instead of ordinary glass panes 10kg/Sqm (4mm thick) in doors, windows and clerestory window shutters. (Area of opening for glass panes excluding portion inside rebate shall be measured)	Sqm	12.78	
072060	Deduct for providing pin headed glass panes instead of ordinary glass panes weighing 10kg/Sqm. (4mm thick) in doors, windows and clerestory windows, shutters (Area of opening for glass panes excluding portion inside rebate shall be measured)	Sqm	149.83	
072070	Providing and fixing 35mm thick framed, ledged and battened door and window shutters (battens 12mm thick) including bright satin finish or black stone enamelled iron hinges with necessary screws, with :			
072071	Kail, venteak, pillamarudhu or locally available comparable species of good country wood (to be listed by respective railway)	Sqm	1119.80	
072072	Hollock wood or locally available comparable species of country wood (to be listed by respective railway). - kiln seasoned & chemically treated	Sqm	434.70	
072080	Providing and fixing 35mm thick framed, ledged, braced and battened door and window shutters (battens 12mm thick) including bright finished or/ and black enamelled iron hinges with necessary screws, with :			
072081	Kail, venteak, pillamarudhu or locally available comparable species of good country wood (to be listed by respective railway)	Sqm	875.31	
072082	Hollock wood or locally available comparable species of country wood (to be listed by respective railway). - kiln seasoned & chemically treated	Sqm	999.92	

Item No.	Description of Item	Unit	Rate (Rs.)	Cement Qty. (qtl.)
072090	Providing and fixing wire gauge shutter using galvanized M.S. wire gauge of average width of aperture 1.4mm with wire of dia 0.63mm for doors, windows and clerestory windows including ISI marked bright finished or black enamelled M.S. butt hinges with necessary screws			
072091	2nd class teak wood.35mm thick	Sqm	2380.56	
072092	2nd class teak wood 30mm thick	Sqm	2139.16	
072093	Hollock wood or locally available comparable species of country wood (to be listed by respective railway). - kiln seasoned & chemically treated.-35mm thick	Sqm	1262.62	
072094	Locally available comparable species of country wood (to be listed by respective railway). - kiln seasoned & chemically treated.-30mm thick	Sqm	1157.64	
072095	Kail, venteak, pillamarudhu or locally available comparable species of good country wood (to be listed by respective railway). - 35mm thick Kail wood	Sqm	1109.15	
072100	Extra over Item 072090 for providing SS wire gauge instead of Galvanised MS wire gauge	Sqm	148.28	
072110	Deduct from Item no 072020 & 072090 if fixed shutters (without hinges) are provided instead of openable shutters for doors, windows or clerestory windows	Sqm	63.89	
072120	Extra for providing ISI marked stainless steel butt hinges instead of black enamelled M.S. butt hinges with necessary screws. (Shutter area to be measured)			
072121	For 35mm thick shutters	Sqm	92.48	
072122	For 30mm thick shutters	Sqm	57.83	
072123	For 25mm thick shutters	Sqm	38.55	
072130	Extra for providing ISI marked bright finished brass butt hinges with screws instead of black enamelled M.S. butt hinges with necessary screws. (Shutter area to be measured)			
072131	For 35mm thick shutters	Sqm	163.53	
072132	For 30mm thick shutters	Sqm	100.62	
072140	Providing and fixing to IS: 2202 Part-1 marked flush door shutter decorative type, core of block board construction with frame of 1st class hard wood and well matched teak 3ply veneering with vertical grains or cross bands and face veneers on both faces of shutters			
072141	35mm thick including ISI marked stainless steel butt hinges with necessary screws	Sqm	1812.14	
072142	30mm thick including ISI marked stainless steel butt hinges with necessary screws	Sqm	1695.99	

Item No.	Description of Item	Unit	Rate (Rs.)	Cement Qty. (qtl.)
072143	25mm thick (for cupboard) including ISI marked nickel plated bright finished M.S. piano hinges IS: 3818 marked with necessary screws	Sqm	1517.00	
072150	Providing and fixing flush door shutters to IS: 2202 Part-I non-decorative type, core of block board construction with frame of 1st class hard wood and well matched commercial 3ply veneering with vertical grains or cross bands and face veneers on both faces of shutters			
072151	35mm thick including ISI marked stainless steel butt hinges with necessary screws	Sqm	1173.31	
072152	30mm thick including ISI marked stainless steel butt hinges with necessary screws	Sqm	1115.24	
072153	25mm thick (for cupboard) including ISI marked nickel plated bright finished M.S. piano hinges with necessary screws	Sqm	1052.40	
072160	Extra for providing and fixing flush doors with teak veneering on one side in item No.072150	Sqm	272.95	
072170	Extra for providing lipping with 2nd class teak wood battens 25mm minimum depth on all edges of shutters (over all area of door shutters to be measured)	Sqm	519.77	
072180	Extra for providing vision panel not exceeding 0.1 sqm in all type of flush door shutters including providing and fixing glass panes in the panel. area of vision panel to be measured			
072181	Rectangular or square	Sqm	158.54	
072182	Circular	Sqm	223.01	
072190	Extra if louvers (not exceeding 0.2Sqm) are provided in flush door shutters (overall area of door shutters to be measured)			
072191	(a) In 2nd class teak wood	Sqm	452.99	
072192	b) In commercial quality timber	Sqm	377.49	
072200	Extra for cutting rebate in flush door shutters (total area of the shutters to be measured)	Sqm	138.51	
072210	Providing and fixing magic eye piece 25mm size in all type of door shutters	Each	267.73	
	Shutters With Cupboard etc.			
073010	Providing and fixing 25mm thick panelled or panelled and glazed shutters for cup board etc. including ISI marked black enamelled MS butt hinges with necessary screws (Panelling & glazing with 4mm float glass)			
073011	Second class teak wood	Sqm	2217.56	
073020	Providing and fixing 25mm thick glazed shutters for cup board etc. including ISI marked black stone enamelled MS hinges with necessary screws including glazed panels with 4mm float glass			
073021	Second class teak wood	Sqm	2011.32	

Item No.	Description of Item	Unit	Rate (Rs.)	Cement Qty. (qtl.)
073030	Providing and fixing 25mm thick cup board shutters , with prelaminated flat pressed 3 layer particle board conforming to IS 12823 -Grade I, having one side decorative lamination of approved shade and other side balancing lamination including second class teak wood lipping 25x12mm thick with necessary screws and nickel plated bright finished MS piano hinges	Sqm	2139.12	
073040	Providing and fixing 25mm thick cup board shutters , with veneered particle board conforming to IS 3097 - Grade1 of approved make including second class teak wood lipping 25x12mm thick with necessary screws and nickel plated bright finished MS piano hinges complete			
073041	With teak veneering on one side and commercial veneering on other side	Sqm	2526.28	
073042	With commercial veneering on both sides	Sqm	1816.48	
073050	Extra if ISI marked anodised aluminium butt hinges with necessary screws are used in place of ISI marked black enamelled MS butt hinges with necessary screws	Sqm	158.79	
	MISCELLANEOUS – WOOD WORK :			
074010	Providing 50x50x50mm 2nd class teak wood plugs including cutting brick work and fixing in cement mortar 1:3 (1cement: 3fine sand) and making good the walls etc.	Each	13.96	0.001
074020	Providing and fixing expandable fasteners of specified size with necessary plastic sleeves and galvanized M.S. screws including drilling holes in masonry work/ CC/ R.C.C. and making good etc. complete			
074021	25mm long	Each	11.32	
074022	32mm long	Each	13.86	
074023	40mm long	Each	17.35	
074024	50mm long	Each	18.12	
074030	Providing and fixing 2nd class teak wood plain lining tongued and grooved, including wooden plugs complete with necessary screws and priming coat on unexposed surface			
074031	25mm thick	Sqm	2564.38	0.001
074032	20mm thick	Sqm	2044.24	0.001
074033	12mm thick	Sqm	1300.23	0.001
074040	Providing and fixing flat pressed 3 layer particle board medium density exterior grade (Grade-I) (like Novapan, Ecoboard etc.) or graded wood particle board (like Bhutan Board) IS: 3087 marked, to frame, backing or studding with screws etc. complete (frame, backing or studding to be paid separately)			

Item No.	Description of Item	Unit	Rate (Rs.)	Cement Qty. (qtl.)
074041	12mm thick	Sqm	443.59	
074042	18mm thick	Sqm	461.88	
074050	Providing & fixing prelaminated particle board with one side decorative & other side balancing lamination Grade-I, Type-II IS: 12823 marked in shelves with screws and M.S. or aluminium brackets wherever required, edges to be painted with polyurethane primer (Brackets to be paid separately)			
074051	18mm thick	Sqm	987.55	
074052	25mm thick	Sqm	1060.72	
074060	Providing and fixing in wall lining flat pressed three layer (medium density) particle board prelaminated one side decorative lamination on other side balancing lamination Grade-I, Type-II, IS: 12823 marked including priming coat on unexposed surface, with necessary fixing arrangement and screws etc. complete			
074061	12mm thick	Sqm	1057.07	
074062	18mm thick	Sqm	1184.83	
074063	25mm thick	Sqm	1261.49	
074070	Providing and fixing specified wood frame work consisting of battens 50x25mm fixed with rawl plug and drilling necessary holes for rawl plugs etc. including priming coat complete			
074071	Hollock wood or locally available comparable species of country wood (to be listed by respective railway). - kiln seasoned & chemically treated	cudm	58.57	
074072	Kail, venteak, pillamarudhu or locally available comparable species of good country wood (to be listed by respective railway).	cudm	82.80	
074080	Providing and fixing plywood plain lining with necessary screws, priming coat on unexposed surface etc. complete with :			
074081	4mm thick Decorative ply facings of approved manufacturer	Sqm	925.93	
074082	3mm thick Decorative ply facings of approved manufacturer	Sqm	597.22	
074083	3mm thick commercial ply lining of approved manufacturer	Sqm	479.45	
074084	6mm thick commercial ply lining of approved manufacturer	Sqm	586.77	
074090	Providing and fixing 4mm thick coir veneer board, ISI marked IS: 14842- 2000, plain lining with necessary screws, priming coat on unexposed surface etc. complete	Sqm	700.22	

Item No.	Description of Item	Unit	Rate (Rs.)	Cement Qty. (qtl.)
074100	Providing and fixing plain non-asbestos cement sheet 6mm thick (high pressure steam cured as per IS:14862-2000) in partitions including fixing to frames with brass screws etc., complete with 50mm x 12mm deodar wood beading (frames to be paid separately)	Sqm	439.51	
074110	Providing and fixing wooden planks in floors, shelves, lofts, decking of bridges, etc., with Kail, venteak, pillamarudhu or locally available comparable species of good country wood (to be listed by respective Railways)			
074111	25mm thick	Sqm	774.28	
074112	30mm thick	Sqm	882.69	
074113	35mm thick	Sqm	1052.51	
074114	40mm thick	Sqm	1180.28	
074115	50mm thick	Sqm	1487.49	
074120	Providing and fixing skirting of prelaminate with (one side decorative and other side balancing lamination) flat pressed, three layer (like Novapan, Ecoboard etc.) or graded particle board (like Bhutan Board) (medium density) Grade-I, Type-II, IS: 12823 marked with necessary fixing arrangements and screws including drilling necessary holes for rawl plugs etc. and priming coat on unexposed surface complete			
047121	18mm thick	Sqm	1073.58	
074122	25mm thick	Sqm	1150.24	
074130	Providing and fixing wooden moulded beading to door and window frames with iron screws, plugs and priming coat on unexposed surface etc. complete			
074131	2nd class teak wood, 50x12mm	metre	82.62	
074132	2nd class teak wood, 50x20mm	metre	116.95	
074133	Hollock wood or locally available comparable species of country wood (to be listed by respective railway). - kiln seasoned & chemically treated, 50x12mm	metre	51.19	
074134	Hollock wood or locally available comparable species of country wood (to be listed by respective railway). - kiln seasoned & chemically treated, 50x20mm	metre	64.28	
074140	Providing and fixing plain jaffri of 35x10mm laths placed 35mm apart (frames to be paid separately) including fixing 50x12mm beading complete with: Kail, venteak, pillamarudhu or locally available comparable species of good country wood (to be listed by respective railway)	Sqm	584.54	

Item No.	Description of Item	Unit	Rate (Rs.)	Cement Qty. (qtl.)
074150	Providing and fixing 18mm thick, 150mm wide pelmet of flat pressed 3 layer (like Novapan, Ecoboard etc.) or graded wood particle board (like Bhutan board) medium density grade-I, IS: 3087 marked including top cover of 6mm commercial ply wood, nickel plated M.S. pipe 20mm dia (heavy type) curtain rod with nickel plated brackets including fixing with 25x3mm M.S. flat 10cm long and rawl plugs 50mm long (designation 10No.) etc. all complete	metre	275.27	0.000
074160	Extra for using veneered particle board in item of pelmet 18mm thick 150mm wide	metre	85.49	
074170	Providing and fixing 18mm thick, 150mm wide pelmet of coir veneer board ISI marked IS: 14842 2000, including top cover of 6mm coir veneer board, nickel plated M.S. pipe 20mm dia (heavy type) curtain rod with nickel plated brackets including fixing with 25x3mm M.S. flat 10cm long and rawl plugs 50mm long (designation 10No.) etc. all complete			
074171	Commercial veneering on both sides	metre	397.31	0.000
074172	Teak veneering on both sides	metre	467.93	0.000
074180	Providing and fixing 12mm thick and 150mm wide wooden pelmets with 25mm dia wooden curtain rod and brackets including fixing with MS flat and plugs etc with painting or oiling as required all labour and material as a complete job			
074181	With 2nd class teak wood	metre	291.86	0.000
074182	With Kail, venteak, pillamarudhu or locally available comparable species of good country wood (to be listed by respective railway).	metre	144.14	0.000
074190	Extra to Item for providing in pelmet brass curtain rods of 1.25mm thick brass plate with brackets instead of 25mm dia. wooden curtain rods			
074191	12mm dia	metre of pelmet	108.89	0.000
074192	20mm dia	metre of pelmet	127.18	0.000
074193	25mm dia	metre of pelmet	196.34	0.000
074200	Providing and fixing teak wood lipping of size 25x3mm	metre	34.01	
074210	Providing and fixing curtain rods of 1.25mm thick chromium plated brass plate, with two chromium plated brass brackets fixed with C.P. brass screws and wooden plugs etc. wherever necessary complete			
074211	12mm dia.	metre	324.30	0.000
074212	20mm dia.	metre	392.54	0.000
074213	25mm dia.	metre	578.38	0.000

Item No.	Description of Item	Unit	Rate (Rs.)	Cement Qty. (qtl.)
074220	Providing and fixing nickel plated M.S. pipe curtain rods with nickel plated brackets			
074221	20mm dia (heavy type)	metre	118.54	0.000
074222	50mm dia (heavy type)	metre	255.99	0.000
074230	Providing and fixing M.S. grills of required pattern in frames of windows etc. with M.S. flats, square or round bars etc. all complete			
074231	Fixed to steel windows by welding	Kg	67.82	
074232	Fixed to opening/ wooden frames with rawl plugs screws etc.	Kg	69.56	
074240	Providing and fixing expanded metal 20x60mm strands 3.25mm wide and 1.6mm thick for windows etc.			
074241	With 50x20mm 2nd class teak wood beading	Sqm	667.40	
074242	With 50x20mm Deodar wood beading	Sqm	537.31	
074250	Providing and fixing hard drawn steel wire fabric 75x25mm mesh of weight not less than 7.75kg sqm. to windows frames etc.			
074251	With 50x20mm 2nd class teak wood beading	Sqm	801.96	
074252	With 50x20mm 2nd class Deodar wood beading	Sqm	661.67	
074260	Providing and fixing fly proof galvanized M.S. wire gauge to windows and clerestory windows using galvanized M.S. wire gauge with average width of aperture 1.4mm in both directions with wire of dia 0.63mm			
074261	With 2nd class teak wood beading 50x20mm	Sqm	615.53	
074262	With 12mm mild steel U beading	Sqm	364.00	
074263	With Deodar wood beading 50x20mm	Sqm	456.00	
074270	Deduction for fixing 75x25mm hard drawn steel wire fabric of weight not less than 7.75kg sqm. in panelled and glazed door and window shutters in lieu of 4mm glass glazing	Sqm	41.81	
074280	Providing 40x5mm flat iron hold fast 40cm long including fixing to frame with 10mm diameter bolts, nuts and wooden plugs and embeddings in cement concrete block 30x10x15cm 1:3:6 mix (1cement: 3coarse sand: 6graded stone aggregate 20mm nominal size)	Each	59.42	0.011
074290	Providing beams including hoisting, fixing in position and applying wood preservative for the unexposed surface etc. complete, with :			
074291	Sal wood	Cum	39679.70	
074292	Hollock wood or locally available comparable species of country wood (to be listed by respective railway). - kiln seasoned & chemically treated	Cum	39669.14	
074293	Kail, venteak, pillamarudhu or locally available comparable species of good country wood (to be listed by respective railway)	Cum	26012.99	
074294	2nd class teak wood	Cum	71269.68	

Item No.	Description of Item	Unit	Rate (Rs.)	Cement Qty. (qtl.)
074295	Deodar wood	Cum	51484.69	
074300	Providing and fixing float glass panes with putty and nails including removal of old broken panes wherever required			
074301	Float Glass panes 4mm thick (10kg /sqm)	Sqm	560.35	
074302	Frosted glass panes 4mm thick (10kg /sqm)	Sqm	546.29	
074303	Heavy sheet glass panes 5.5mm thick (13.75 Kg/sqm)	Sqm	591.01	
074310	Providing and fixing float glass panes with 12mm wooden beading including removal of old broken panes and old wooden beading wherever necessary			
074311	Float Glass panes 4mm thick (10Kgs/Sqm)	Sqm	572.06	
074312	Frosted glass panes 4mm thick (10Kgs/sqm)	Sqm	558.00	
074313	Heavy sheet glass panes 5.5mm thick (13.75 Kg/sqm)	Sqm	602.72	
074320	Providing, erecting and fixing sal ballies in posts, purlins, rafters, etc., including cost of iron nails and spikes required and supplying & applying wood preservative to exposed surfaces :			
074321	80mm dia ballies	metre	118.17	
074322	100mm dia ballies	metre	141.66	
074323	125mm dia ballies	metre	163.54	
074324	150mm dia Sal ballies	metre	196.61	
074325	80mm dia Eucalyptus ballies	metre	41.10	
074326	100mm dia Eucalyptus ballies	metre	59.49	
074327	125mm dia Eucalyptus ballies	metre	68.07	
074328	150mm dia Eucalyptus ballies	metre	90.08	
074330	Providing, erecting and fixing Ballies of locally available species approved by the zonal railway in posts, purlins, rafters, etc., including cost of iron nails and spikes required, and supplying and applying wood preservative to exposed surfaces			
074331	80mm dia ballies	metre	51.85	
074332	100mm dia ballies	metre	68.11	
074333	125mm dia ballies	metre	82.12	
074334	150mm dia ballies	metre	104.13	
	Note : The diameter shall be the average diameter as measured at the centre of balli.			
074340	Providing and fixing rafters, purlins, ridges, posts, hips, wall plates, hand rails in staircase, etc., with:-2nd class teak wood	cum	73476.49	
074350	Providing and fixing decorative laminated plastic veneers of approved quality and make (e.g. Sunmica, formica or equivalent) over wooden surfaces, including smoothening of wooden surface and fixing of veneers with approved synthetic resin adhesive, complete			

Item No.	Description of Item	Unit	Rate (Rs.)	Cement Qty. (qtl.)
074351	1 mm thick	Sqm	259.40	
074352	0.8mm thick	Sqm	227.27	
074353	0.6mm thick	Sqm	188.16	
074360	Providing and fixing Teak wood veneer sheet of approved quality and make over wooden surfaces, including smoothening of wooden surface, and fixing of veneers with approved synthetic resin adhesive, complete			
074361	3 mm thick	Sqm	269.08	
074362	2.5mm thick	Sqm	243.92	
074363	2mm thick	Sqm	209.07	
	M.S. FITTINGS - BRIGHT SATIN FINISH :			
075010	Providing and fixing M.S. pressed butt hinges generally conforming to IS:1341, bright satin finish with necessary screws etc. complete of size			
075011	125x65x2.12 mm	Each	29.90	
075012	100x58x1.90mm	Each	25.51	
075013	75x47x1.70mm	Each	17.84	
075014	50x37x1.50mm	Each	8.58	
075020	Providing and fixing MS pressed Parliament hinges generally conforming to IS:362 bright finished with necessary screws etc. complete of			
075021	150x125x27x2.50 mm	Each	76.25	
075022	125x125x27x2.50 mm	Each	64.13	
075023	100x125x27x2.50 mm	Each	53.91	
075024	75x100x20x2.40 mm	Each	41.28	
075030	Providing and fixing M.S. single acting spring hinges bright satin finish with necessary screws etc. complete of size			
075031	150mm	Each	173.19	
075032	125mm	Each	165.41	
075033	100mm	Each	137.94	
075040	Providing and fixing M.S. double acting spring hinges generally conforming to IS: 453, bright satin finish with necessary screws etc. complete of size			
075041	150mm	Each	183.87	
075042	125mm	Each	160.95	
075043	100mm	Each	136.37	
075050	Providing and fixing M.S. sliding door bolts generally conforming to IS: 281, bright satin finish or black stone enamelled with nuts and screws etc. complete of size			
075051	300x16 mm	Each	149.43	
075052	250x16 mm	Each	130.75	

Item No.	Description of Item	Unit	Rate (Rs.)	Cement Qty. (qtl.)
075060	Providing and fixing M.S. tower bolts generally conforming to IS:204 (Part I) with necessary screws etc. complete of size.			
075061	250x10 mm	Each	69.66	
075062	200x10 mm	Each	60.41	
075063	150x10 mm	Each	48.48	
075064	100x10 mm	Each	41.81	
075070	Providing and fixing M.S. door handles with necessary screws etc. complete.			
075071	125mm	Each	20.91	
075072	100mm	Each	17.78	
075073	75mm	Each	13.66	
075080	Providing and fixing MS hooks and eyes			
075081	300mm	Each	21.45	
075082	250mm	Each	18.69	
075083	200mm	Each	16.28	
075084	150mm	Each	13.00	
075085	100mm	Each	10.45	
075090	Providing and fixing M.S. fan light pivot with necessary screws etc. complete.	Each	38.30	
075100	Providing and fixing M.S. fan light catch with necessary screws etc. complete.	Each	31.07	
075110	Providing and fixing M.S. hasp and staple (Safety type) with necessary screws etc. complete.			
075111	150mm	Each	25.81	
075112	115mm	Each	21.94	
075113	90mm	Each	17.80	
075120	Providing and fixing 300mm long M.S. chain with hook for fan light including necessary screws etc. complete.	Each	17.93	
075130	Providing and fixing M.S. casement stays (straight peg type) with necessary screws etc. complete.			
075131	300mm weighing not less than 200 gm	Each	42.64	
075132	250mm weighing not less than 150 gm	Each	37.16	
075133	200mm weighing not less than 120 gm	Each	34.25	
075140	Providing and fixing ISI -1378 marked oxidised M.S. pressed butt hinges with necessary screws etc. complete, of size.			
075141	125x65x2.12 mm	Each	34.10	
075142	100x58x1.90mm	Each	25.30	
075143	75x47x1.70mm	Each	18.87	
075144	50x37x1.50mm	Each	12.72	
075150	Providing and fixing ISI-1378 marked oxidised M.S. pressed parliamentary hinges with necessary screws etc. complete of size.			
075151	150x125x27x2.80 mm	Each	75.13	

Item No.	Description of Item	Unit	Rate (Rs.)	Cement Qty. (qtl.)
075152	125x125x27x2.80 mm	Each	63.08	
075153	100x125x27x2.80 mm	Each	52.86	
075154	75x100x20x2.24 mm	Each	40.29	
075160	Providing and fixing ISI -1378marked oxidised M.S. single acting spring hinges with necessary screws etc. complete of size.			
075161	150mm	Each	172.37	
075162	125mm	Each	164.53	
075163	100mm	Each	136.96	
075170	Providing and ISI -1378marked fixing oxidised M.S. double acting spring hinges with necessary screws etc. complete of size			
075171	150	Each	183.11	
075172	125	Each	160.17	
075173	100	Each	135.21	
075180	Providing Copper oxidized M.S. Piano hinges ISI marked IS: 3818 finished with nickel plating and fixing with necessary screws etc. complete			
075181	Overall width 35mm	metre	113.05	
075182	Overall width 50mm	metre	112.47	
075183	Overall width 65mm	metre	126.79	
075190	Providing and fixing ISI marked Copper oxidized M.S. sliding door bolts with nuts and screws etc. complete of size			
075191	300x16 mm	Each	147.51	
075192	250x16 mm	Each	131.70	
075200	Providing and fixing ISI -1378marked oxidised M.S. tower bolts black finish (Barrel type) with necessary screws etc. complete of size.			
075201	250x10	Each	70.93	
075202	200x10	Each	81.01	
075203	150x10	Each	68.21	
075204	100x10	Each	42.51	
075210	Providing and fixing ISI 1378 marked 85x42mm oxidised M.S. pull bolt lock conforming to IS: 7534 with necessary screws bolts, nuts and washers etc. complete	Each	46.56	
075220	Providing and fixing ISI marked oxidised M.S. door latches conforming to IS: 5930 with screws etc. complete			
075221	300x20x6mm	Each	84.45	
075222	250x20x6mm	Each	58.32	
075230	Providing and fixing ISI marked oxidised M.S. handles conforming to IS: 4992 - with necessary screws etc- of size			
075231	125 mm	Each	22.09	
075232	100 mm	Each	17.14	

Item No.	Description of Item	Unit	Rate (Rs.)	Cement Qty. (qtl.)
075233	75 mm	Each	13.85	
075240	Providing and fixing ISI-1378 marked copper oxidised M.S. fan light pivot with necessary screws etc. complete	Each	38.31	
075250	Providing and fixing ISI-1378 marked copper oxidised M.S. fan light catch with necessary screws etc. complete	Each	31.48	
075260	Providing and fixing 300mm long oxidised M.S. chain with hook for fan light including necessary screws etc. complete	Each	20.09	
075270	Providing and fixing oxidised M.S. hasp and staple (Safety type) conforming to IS : 363 - with necessary screws etc. complete of size -			
075271	150 mm	Each	25.94	
075272	115 mm	Each	22.07	
075273	90 mm	Each	17.98	
075280	Providing and fixing IS-1378 marked copper oxidised M.S. casement stays (straight peg type) with necessary screws etc. complete			
075281	300mm weighing not less than 200gms	Each	27.46	
075282	250mm weighing not less than 150gms	Each	21.25	
075283	200mm weighing not less than 120gms	Each	20.09	
075290	Providing and fixing oxidised M.S. safety chain with necessary fixtures for doors (weighing not less than 450gms.)	Each	68.54	
	STAINLESS STEEL FITTINGS :			
076010	Providing and fixing ISI: 12817 marked stainless steel butt hinges with stainless steel screws etc. complete of size			
076011	125x64x1.90 mm	Each	60.52	
076012	100x58x1.90mm	Each	43.33	
076013	75x47x1.80mm	Each	30.68	
076014	50x37x1.50mm	Each	17.84	
076020	Providing and fixing ISI: 12817 marked stainless steel butt hinges (heavy weight) with stainless steel screws etc. complete			
076021	125x64x2.50mm	Each	64.00	
076022	100x60x2.50mm	Each	55.91	
076023	75 x50x2.50mm	Each	39.10	
	BRASS FITTINGS - BRIGHT SATIN FINISH :			
077010	Providing and fixing bright finished brass butt hinges with necessary screws etc. complete			
077011	125x85x5.5mm (heavy type)	Each	239.90	
077012	125x70x4mm (ordinary type)	Each	106.33	
077013	100x85x5.5mm (heavy type)	Each	164.45	
077014	100x70x4mm (ordinary type)	Each	80.83	

Item No.	Description of Item	Unit	Rate (Rs.)	Cement Qty. (qtl.)
077015	75x65x4mm (heavy type)	Each	94.39	
077016	75x40x2.5mm (ordinary type)	Each	51.99	
077017	50x40x2.5mm (ordinary type)	Each	27.05	
077020	Providing and fixing bright finished brass parliamentary hinges with necessary screws etc. complete			
077021	150x125x27x5mm	Each	307.53	
077022	125x125x27x5mm	Each	278.79	
077023	100x125x27x5mm	Each	239.58	
077024	75x100x20x3.2mm	Each	188.10	
077030	Providing and fixing bright finished brass single acting spring hinges with necessary screws etc. complete of size			
077031	150mm	Each	491.12	
077032	125mm	Each	409.82	
077033	100mm	Each	320.35	
077040	Providing and fixing bright finished brass double acting spring hinges with necessary screws etc. complete of size -			
077041	150mm	Each	600.64	
077042	125mm	Each	538.79	
077043	100mm	Each	436.54	
077050	Providing and fixing bright finished brass sliding doors bolts - with screws etc. complete of size			
077051	300x16mm	Each	301.67	
077052	250x16mm	Each	275.54	
077060	Providing and fixing bright finished brass tower bolts (barrel type) with necessary screws etc. complete			
077061	250x10mm	Each	312.54	
077062	200x10mm	Each	262.88	
077063	150x10mm	Each	207.71	
077064	100x10mm	Each	133.57	
077070	Providing and fixing bright finished brass handles with screws etc. complete - of size			
077071	125 mm	Each	196.32	
077072	100mm	Each	79.01	
077073	75 mm	Each	67.40	
077080	Providing and fixing bright finished brass door latch with necessary screws etc. complete			
077081	300x16x5mm	Each	277.60	
077082	250x16x5mm	Each	258.82	
077090	Providing and fixing bright finished brass 100mm mortice latch and lock with 6 levers and a pair of lever handles with necessary screws etc. complete (best make of approved quality)	Each	891.68	

Item No.	Description of Item	Unit	Rate (Rs.)	Cement Qty. (qtl.)
077100	Providing and fixing bright finished brass 100mm mortice latch with one dead bolt and a pair of lever handles with necessary screws etc. complete (best make of approved quality)	Each	784.24	
077110	Providing and fixing bright finished brass night latch including necessary screws etc. complete (best make of approved quality)	Each	631.79	
077120	Providing and fixing special quality bright finished brass cupboard or ward robe locks with four levers including necessary screws etc. complete (best make of approved quality)			
077121	40mm	Each	96.05	
077122	50mm	Each	101.86	
077123	65mm	Each	118.12	
077124	75mm	Each	142.51	
077130	Providing and fixing 50mm bright finished brass cup board or ward robe knob with necessary screws (best make of approved quality)	Each	50.82	
077140	Providing and fixing bright finished brass hanging type floor door stopper with necessary screws etc. complete	Each	65.80	
077150	Providing and fixing bright finished brass fan light pivot with necessary screws etc. complete	Each	32.35	
077160	Providing and fixing bright finished brass fan light catch with necessary screws etc. complete	Each	35.49	
077170	Providing and fixing bright finished brass hasp and staple (safety type) with necessary screws etc. complete			
077171	150mm	Each	110.58	
077172	115mm	Each	86.53	
077173	90mm	Each	74.53	
077180	Providing and fixing IS: 3564 marked aluminium die cast body tubular type universal hydraulic door closer, hardwyn make (Classic Queen) or equivalent with necessary accessories and screws etc. complete	Each	654.22	
077190	Providing and fixing IS: 3564 marked aluminium extruded section body tubular type universal hydraulic door closer with double speed adjustment with necessary accessories and screws etc. complete			
077191	Hardwyn make (Eddy) or equivalent	Each	1234.97	
077192	Hardwyn make (Mytel) or equivalent	Each	1089.78	
077193	Hardwyn make (Gazel) or equivalent	Each	1336.60	
077200	Providing and fixing bright finished brass casement window fastener with necessary screws etc. complete	Each	62.89	

Item No.	Description of Item	Unit	Rate (Rs.)	Cement Qty. (qtl.)
077210	Providing and fixing bright finished brass casement (straight peg type) with necessary screws etc. complete			
077211	300mm weighing not less than 330gms	Each	136.94	
077212	250mm weighing not less than 280gms	Each	123.18	
077213	200mm weighing not less than 240gms	Each	110.99	
077220	Providing and fixing nickel chromium plated brass butt hinges with necessary screws etc. complete			
077221	125x85x5.5mm (heavy type)	Each	102.84	
077222	125x70x4mm (ordinary type)	Each	118.82	
077223	100x85x5.5mm (heavy type)	Each	91.29	
077224	100x70x4mm (ordinary type)	Each	101.16	
077225	75x65x4mm (heavy type)	Each	96.73	
077226	75x40x2.5mm (ordinary type)	Each	49.53	
077227	50x40x2.5mm (ordinary type)	Each	40.84	
077230	Providing and fixing Nickel chromium plated brass parliamentary hinges with necessary screws etc. complete			
077231	150x125x27x5mm	Each	256.77	
077232	125x125x27x5mm	Each	223.06	
077233	100x125x27x5mm	Each	188.22	
077234	75x100x20x3.2mm.	Each	150.01	
077240	Providing and fixing Nickel chromium plated brass single acting spring hinges with necessary screws etc. complete :			
077241	150mm	Each	384.11	
077242	125mm	Each	346.36	
077243	100mm	Each	234.68	
077250	Providing and fixing Nickel chromium plated brass double acting spring hinges with necessary screws etc. complete :			
077251	150mm	Each	607.74	
077252	125mm	Each	456.16	
077253	100mm	Each	400.19	
077260	Providing and fixing Nickel chromium plated brass sliding doors bolts and screws etc. complete :			
077261	300x16mm	Each	317.34	
077262	250x16mm	Each	262.17	
077270	Providing and fixing Nickel chromium plated brass tower bolts (barrel type) with necessary screws etc complete :			
077271	250x10mm	Each	207.61	
077272	200x10mm	Each	170.24	
077273	150x10mm	Each	128.99	
077274	100x10mm	Each	112.55	
077280	Providing and fixing Nickel chromium plated brass handles with necessary screws etc. complete			

Item No.	Description of Item	Unit	Rate (Rs.)	Cement Qty. (qtl.)
077281	125mm	Each	268.41	
077282	100mm	Each	227.75	
077283	75mm	Each	220.01	
077290	Providing and fixing chromium plated brass door latch with necessary screws etc. complete			
077291	300x16x5mm	Each	171.47	
077292	250x16x5mm	Each	171.47	
077300	Providing and fixing nickel chromium plated brass fan light pivot with necessary screws etc. complete	Each	32.74	
077310	Providing and fixing nickel chromium plated brass fan light catch with necessary screws etc. complete	Each	26.84	
077320	Providing and fixing nickel chromium plated brass hasp and staple (safety type) with necessary screws etc. complete			
077321	150mm	Each	90.63	
077322	115mm	Each	69.80	
077323	90mm	Each	60.45	
077330	Providing and fixing chromium plated brass 100mm mortice latch and lock with 6 levers and a pair of lever handles with necessary screws etc. complete (best make of approved quality)	Each	702.36	
077340	Providing and fixing chromium plated brass 100mm mortice latch with one dead bolt and a pair of lever handles with necessary screws etc. complete (best make of approved quality)	Each	562.23	
077350	Providing and fixing chromium plated brass night latch including necessary screws etc. complete (best make of approved quality)	Each	774.08	
077360	Providing and fixing special quality chromium plated brass cup board locks with six levers including necessary screws etc. complete (best make of approved quality) of :			
077361	Size 40mm	Each	90.24	
077362	Size 50mm	Each	104.76	
077363	Size 65mm	Each	119.28	
077364	Size 75mm	Each	136.70	
077370	Providing and fixing nickel chromium plated brass 50mm cupboard or wardrobe knobs with nuts complete	Each	72.68	
077380	Providing and fixing nickel chromium plated brass hanging type floor door stopper with necessary screws etc. complete	Each	212.05	
077390	Providing and fixing nickel chromium plated brass casement window fastener with necessary screws etc. complete	Each	193.31	

Item No.	Description of Item	Unit	Rate (Rs.)	Cement Qty. (qtl.)
077400	Providing and fixing nickel chromium plated brass casement stays (straight peg type) with necessary screws etc. complete			
077401	300mm weighing not less than 330gms	Each	160.40	
077402	250mm weighing not less than 280gms	Each	156.04	
077403	200mm weighing not less than 240gms	Each	140.94	
077410	Providing and fixing copper oxidised brass butt hinges with necessary screws etc. complete			
077411	125x85x5.5mm (heavy type)	Each	181.44	
077412	125x70x4mm (ordinary type)	Each	110.01	
077413	100x85x5.5mm (heavy type)	Each	131.67	
077414	100x70x4mm (ordinary type)	Each	78.89	
077415	75x65x4mm (heavy type)	Each	100.00	
077416	75x40x2.5mm (ordinary type)	Each	53.41	
077417	50x40x2.5mm (ordinary type)	Each	25.60	
077420	Providing and fixing copper oxidised brass parliamentary hinges with necessary screws etc. complete			
077421	150x125x27x5mm	Each	305.12	
077422	125x125x27x5mm	Each	291.01	
077423	100x125x27x5mm	Each	244.26	
077424	75x100x20x3.2mm	Each	175.15	
077430	Providing and fixing copper oxidised brass single acting spring hinges with necessary screws etc. complete :			
077431	150mm	Each	433.91	
077432	125mm	Each	339.25	
077433	100mm	Each	266.61	
077440	Providing and fixing copper oxidised brass double acting spring hinges with necessary screws etc. complete :			
077441	150mm	Each	477.56	
077442	125mm	Each	430.13	
077443	100mm	Each	347.05	
077450	Providing and fixing copper oxidised brass sliding doors bolts and screws etc. complete :			
077451	300x16mm	Each	195.56	
077452	250x16mm	Each	177.85	
077460	Providing and fixing copper oxidised brass tower bolts (barrel type) with necessary screws etc complete :			
077461	250x10mm	Each	275.54	
077462	200x10mm	Each	231.08	
077463	150x10mm	Each	174.95	
077464	100x10mm	Each	119.78	

Item No.	Description of Item	Unit	Rate (Rs.)	Cement Qty. (qtl.)
077470	Providing and fixing copper oxidised brass handles with necessary screws etc. complete			
077471	125mm	Each	140.79	
077472	100mm	Each	118.72	
077473	75mm	Each	105.09	
077480	Providing and fixing copper oxidised brass door latch with necessary screws etc. complete			
077481	300x16x5mm	Each	160.52	
077482	250x16x5mm	Each	156.65	
077490	Providing and fixing copper oxidised brass fan light pivot with necessary screws etc. complete	Each	37.05	
077500	Providing and fixing copper oxidised brass fan light catch with necessary screws etc. complete	Each	30.46	
077510	Providing and fixing copper oxidised brass hasp and staple (safety type) with necessary screws etc. complete			
077511	150mm	Each	81.02	
077512	115mm	Each	77.46	
077513	90mm	Each	62.76	
077520	Providing and fixing copper oxidised brass 100mm mortice latch and lock with 6 levers and a pair of lever handles with necessary screws etc. complete (best make of approved quality)	Each	726.06	
077530	Providing and fixing copper oxidised brass 100mm mortice latch with one dead bolt and a pair of lever handles with necessary screws etc. complete (best make of approved quality)	Each	780.48	
077540	Providing and fixing copper oxidised brass night latch including necessary screws etc. complete (best make of approved quality)	Each	674.39	
077550	Providing and fixing special quality copper oxidised brass cup board locks with six levers including necessary screws etc. complete (best make of approved quality) of :			
077551	Size 40mm	Each	288.97	
077552	Size 50mm	Each	299.62	
077553	Size 65mm	Each	337.37	
077554	Size 75mm	Each	366.40	
077560	Providing and fixing copper oxidised brass 50mm cupboard or wardrobe knobs with nuts complete	Each	98.29	
077570	Providing and fixing copper oxidised brass hanging type floor door stopper with necessary screws etc. complete	Each	65.14	
077580	Providing and fixing copper oxidised brass casement window fastener with necessary screws etc. complete	Each	136.49	

Item No.	Description of Item	Unit	Rate (Rs.)	Cement Qty. (qtl.)
077590	Providing and fixing copper oxidised brass casement stays (straight peg type) with necessary screws etc. complete			
077591	300mm weighing not less than 330gms	Each	66.80	
077592	250mm weighing not less than 280gms	Each	43.57	
077593	200mm weighing not less than 240gms	Each	41.25	
077600	Providing and fixing magnetic catcher ISI marked with necessary screws etc. complete	Each	23.66	
	ALUMINIUM FITTING - (ANODISED) GYPBOARD			
078010	Providing and fixing ISI marked aluminium butt hinges 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			
078011	125x75x4mm	Each	119.88	
078012	125x63x4mm	Each	114.65	
078013	100x75x4mm	Each	101.24	
078014	100x63x4mm	Each	89.63	
078015	100x63x3.2mm	Each	95.00	
078016	175x63x4mm	Each	68.15	
078017	75x63x3.2mm	Each	58.34	
078018	75x45x3.2mm	Each	38.01	
	Note : Aluminium hinges shall not be used in wooden shutters, stainless hinges shall be preferred			
078020	Providing and fixing aluminium sliding door 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 nuts and screws etc. complete			
078021	300x16mm	Each	261.70	
078022	250x16mm	Each	215.24	
078030	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			
078031	300x10mm	Each	90.19	
078032	250x10mm	Each	69.86	
078033	200x10mm	Each	65.21	
078034	150x10mm	Each	58.36	
078035	100x10mm	Each	48.72	
078040	Providing and fixing aluminium pull bolt lock anodised ISI marked (anodic coating not less than grade AC 10 as per IS: 1868) transparent or dyed to required colour and shade with necessary screws etc. complete	Each	58.18	

Item No.	Description of Item	Unit	Rate (Rs.)	Cement Qty. (qtl.)
078050	Providing and fixing 50cm long aluminium kicking plate 100x3.15mm 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	Each	126.38	
078060	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			
078061	125mm	Each	53.40	
078062	100mm	Each	46.33	
078063	75mm	Each	37.96	
078070	Providing and fixing aluminium hanging floor door stopper ISI marked anodised (anodic coating not less than grade AC 10 as per IS: 1868) transparent or dyed to required colour and shade with necessary screws etc. complete			
078071	Single rubber stopper	Each	27.73	
078072	Twin rubber stopper	Each	74.19	
078080	Providing and fixing aluminium casement stays 250mm long ISI marked anodised (anodic coating not less than grade AC 10 as per IS: 1868) transparent or dyed to required colour and shade with necessary screws etc. complete	Each	62.83	
078090	Providing and fixing bright finished brass 100mm 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 with necessary screws etc. complete (best make of approved quality)	Each	761.78	
078100	Providing and fixing aluminium tee channels (heavy duty) with rollers, stop end in pelmets as curtain rod	metre	61.65	

Item No.	Description of Item	Unit	Rate (Rs.)	Cement Qty. (qtl.)
078110	Providing and fixing partition upto 2.40m height having composite thickness of 67mm consisting of frame and double skin 8.5mm thick Glass Reinforced Gypsum (GRG) board manufactured by spray suction technique with high strength plaster of paris conforming to IS: 8272 and glass fibre of E-glass or A-glass or N-glass in the form of rovings, not less than 2.5% by weight of plaster of paris and conforming to IS: 11320 including providing and fixing of frame work made of special section power pressed from MS sheet and galvanised with zinc coating of Grade 175 and consisting of floor and ceiling channel 50mm wide having equal flanges of 32mm width 0.50mm thick fixed to floor/ ceiling at spacing of 610mm centre to centre with dash fastener of 12.5mm diameter 40mm length and the studs 48mm wide contd...	Sqm	1102.71	
	contd.- having one flange of 34mm and another flange 36mm and 0.50mm thick fixed vertically within flanges of floor and ceiling channel and placed at a spacing of 610mm centre to centre by 6mm dia bolts and nuts at both ends of partition fixed flush to wall with rawl plugs at the spacing of 450mm centre to centre and fixing of GRG boards to either side of frame work by 20mm long drive all screws on studs, floors and ceiling channels at the spacing of 300mm centre to centre, including jointing and finishing to a flush finish with recommended joint filler, joint paper tap and joint finisher and two coats of primer suitable for GRG board as per manufacturers specifications all complete.			
078120	Providing and fixing partition upto 2.40m height having composite thickness of 89mm consisting of frame and double skin 8.5mm thick Glass Reinforced Gypsum (GRG) board manufactured by spray suction technique with high strength plaster of paris conforming to IS: 8272 and glass fibre of E-glass or A-glass or N-glass in the form of rovings, not less than 2.5% by weight of plaster of paris and conforming to IS: 11320 including providing and fixing of frame work made of special section power pressed from MS sheet and galvanised with zinc coating of Grade 175 and consisting of floor and ceiling channel 72mm wide having equal flanges of 32mm width 0.50mm thick fixed to floor/ ceiling at the spacing of 610mm centre to centre with dash fastener of 12.5mm diameter 40mm length and the studs 70mm wide having one flange of 34mm -contd....	Sqm	1604.49	

Item No.	Description of Item	Unit	Rate (Rs.)	Cement Qty. (qtl.)
	contd.- and another flange 36mm and 0.50mm thick fixed vertically within flanges of floor and ceiling channel and placed at a spacing of 610mm centre to centre by 6mm dia bolts and nuts at both ends of partition fixed flush to wall with rawl plugs at the spacing of 450mm centre to centre and fixing of GRG boards to either side of frame work by 20mm long drive all screws on studs, floors and ceiling channels at the spacing of 300mm centre to centre, including jointing and finishing to a flush finish with recommended joint filler, joint paper tap and joint finisher and two coats of primer suitable for GRG board as per manufacturers specifications all complete			
078130	Providing and fixing factory made P.V.C. door frame of size 50x47mm with a wall thickness of 5mm, made out of extruded 5mm rigid PVC foam sheet mitered 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	metre	411.88	
078140	Providing and fixing to existing door frames 30mm thick factory made panel PVC door shutter consisting of frame made out of M.S. tubes of 19 gauge thickness and size of 19mm x 19mm for styles and 15x15mm for top & bottom rails. M.S. frame shall have a coat of steel primers. M.S. frame covered with 5mm thick heat moulded PVC Foam sheet 'C channel as per drawing given in IR Standard Specifications complete in all respect	Sqm	2670.95	
078150	Providing and fixing to existing door frames 30mm thick factory made solid both side prelaminated panel PVC door shutter consisting of frame made out of M.S. tubes of 19 gauge thickness and size of 19mm x 19mm for styles and 15x15mm, top & bottom rails. M.S. frame shall have a coat of steel primers of approved make and manufacture. M.S. frame covered with 5mm thick heat moulded prelaminated PVC Foam Sheet 'C channel as per drawing given in IR Standard Specifications complete in all respect	Sqm	3241.98	

Item No.	Description of Item	Unit	Rate (Rs.)	Cement Qty. (qtl.)
078160	Supplying, providing and fixing white colour sliding uPVC Window complete, consisting of uPVC frame of size 80mm x 52mm and uPVC shutter of size 54mm x 38mm with 1.2mm thick GI section reinforcement wherever required, produced by ISO 9001:2000 and ISO 14001:2004 certified company. Window shutter will consist either of 5mm thick float glass or galvanised wire gauge alongwith complete fittings, e.g. pulley/rollers, transmission gear and handle for operating window	Sqm	5539.19	
078170	Supplying, providing and fixing white colour sliding uPVC Door complete, consisting of uPVC frame of size 95mm x 60mm and uPVC shutter of size 66mm x 42mm with 1.2mm thick GI section reinforcement wherever required, produced by ISO 9001:2000 and ISO 14001:2004 certified company. Door shutter will consist either of 5mm thick float glass or galvanised wire gauge or solid PVC panel alongwith complete fittings, e.g. pulley/rollers, transmission gear and handle for operating door	Sqm	5946.98	
078180	Providing and fixing to existing door frame 24mm thick factory made PVC door shutters made of styles and rails of a PVC hollow section of size 59mm x 24mm with a wall thickness 2mm±0.2mm. The styles and rails mitered cut and joined at corners by means of M.S. galvanized /plastic brackets of size 75mm x 220mm having wall thickness 1.0mm/solid and fix with stainless steel screws. The styles of shutter reinforced by inserting galvanized M.S. tube of size 19mm x 19mm with a wall thickness 1mm±0.1mm. The lock rail made out of 'H' section, PVC hollow section of size 100mm x 24mm with a wall thickness 2mm±0.2mm, fixed to shutter styles by means of plastic/galvanized M.S. 'U' cleats. The shutter frame filled with a PVC multi-chambered panel of size 20 x 200mm with a wall thickness 1mm±0.1mm. The panels filled vertically and tie bar at two places by inserting horizontally 0.6mm galvanized M.S. rod and fastened with nuts and washers	Sqm	1427.54	

Item No.	Description of Item	Unit	Rate (Rs.)	Cement Qty. (qtl.)
078190	Providing and fixing to existing door frame 24mm thick factory made PVC door shutters made of styles and rails of a PVC hollow section of size 34mm x 24mm with a wall thickness 2mm±0.2mm. The styles and rails mitered cut and joined at corners by means of M.S. galvanized /plastic brackets of size 75mm x 220mm having wall thickness 1.0mm/solid and fix with stainless steel screws. The styles of shutter reinforced by inserting galvanized M.S. tube of size 19 x 19mm with a wall thickness 1mm±0.1mm. The shutter frame filled with a PVC multi-chambered single panel of size 20 x 762mm with a wall thickness 1mm±0.1mm. The panels filled vertically and tie bar at two places by inserting horizontally 0.6mm galvanized M.S. rod and fastened with nuts and washers. All complete as per manufacturer's specification and	Sqm	1789.83	
078200	Providing and fixing at all heights wall paneling of 12mm thick phenol bonded Bamboo Mat board conforming to IS: 13958-1994 including providing and fixing to frame work made of 50mm X 50mm hardwood plugs including cutting brick work and fixing in cement mortar and making good walls etc. and also providing and fixing wooden moulded corner beading of triangular shape to the junction of paneling etc. with iron screws as a complete job.	Sqm	1552.93	
078210	Providing and fixing at all heights wall paneling of 9mm thick phenol bonded Bamboo Mat board conforming to IS : 13958-1994 including providing and fixing to framework made of 50mm X 50mm hardwood plugs including cutting brick work and fixing in cement mortar and making good the walls etc. and also providing and fixing wooden moulded corner beading of triangular shape to the junction of paneling etc. with iron screws as a complete job	Sqm	1587.77	
078220	Providing and fixing Veneered Bamboo Particle Board both sides commercial Veneer SOGP Grade II, conforming to IS 3097-1980 in wall paneling, cupboard shutters etc. fixed to frames, backing or studding with screws etc. complete (Frame, backing, studding, hinges etc. to be paid seperately)			
078221	9 mm thick veneered bamboo particle board	Sqm	640.15	
078222	12 mm thick veneered bamboo particle board	Sqm	668.97	
078223	18 mm thick veneered bamboo particle board	Sqm	886.91	
078224	25 mm thick veneered bamboo particle board	Sqm	1143.97	

Item No.	Description of Item	Unit	Rate (Rs.)	Cement Qty. (qtl.)
078230	Providing and fixing of wall panelling on grid made of PVC profile section of size 21mm x 17mm x 1.5 mm filled with UPVC profile section of size 150mm x 10mm x 1.0mm. The edge and periphery covered by extruded PVC beeding of section 28mm x 12mm x 1.0mm complete job including fixing with screws, dash fasteners and other accessories as required	Sqm	998.79	
078240	Providing and fixing to existing door frame 30mm thick factory made Poly Vinyl Chloride (PVC) door shutter made of styles and rails of a uPVC hollow section of size 60mmx30mm and wall thickness 2mm±0.2mm with inbuilt decorative mould-in edging on one side. The styles and rails mitered and joined at corners by means of MS galvanized/plastic bracket of size 75mmx220mm, having wall thickness 1.0mm and stainless steel screws. Styles of shutter, reinforced by inserting galvanized MS tube of size 20mmx20mm and 1mm ± 0.1 mm wall thickness. Lock rail made of 'H' section, a uPVC hollow section of size 100mmx30mm and 2mm ± 0.2m wall thickness fixed to shutter styles by means of plastic/galvanized MS 'U' cleats. Shutter frame filled with a uPVC multi-chambered single panel of size not less than 610mm, having overall thickness of 20mm and 1mm ± 0.1 mm wall thickness. Panels filled vertically with tie bar at two places by inserting horizontally 6 mm galvanised MS rod and fastened with nuts and washers, complete as per direction of Engineer incharge	Sqm	2480.63	
078250	Providing and fixing to existing door frame 35mm thick factory made Poly Vinyl Chloride (PVC) door shutter made of styles and rails of a uPVC hollow section of size 35mmx110mm and wall thickness 2mm±0.2mm with inbuilt decorative moulding edging on one side. Styles of shutter reinforced by inserting PVC section of size 28mmx30mm of 1.5mm ± 0.2mm wall thickness. Styles and rails mitered and welded corners. Lock rail made of 'H' section, a uPVC profile section of size 35mmx105mm and 2mm ± 0.2m wall thickness welded to shutter styles, shutter frame filled with a uPVC multi-chambered single panel of size not less than 610mm, having overall thickness of 20mm and 1mm ± 0.1mm wall thickness with 20mm moulding panel beading of size 8.5mmx15mm complete as per direction of Engineer in charge	Sqm	3270.89	

Item No.	Description of Item	Unit	Rate (Rs.)	Cement Qty. (qtl.)
078260	Providing and fixing to existing door frame 38mm thick factory made Poly Vinyl Chloride (PVC) door shutter made of styles and rails of a uPVC hollow section of size 90mmx38mm and wall thickness 2mm±0.2mm. Styles and rails mitered and joined at the corners by means of MS galvanized/plastic bracket of size 75mmx220mm having wall thickness 1.0mm and stainless steel screws. Styles of shutter reinforced by inserting galvanized MS tube of size 25mmx20mm and 1mm ± 0.1 mm wall thickness. Lock rail made of 'H' section, a uPVC hollow section of size 105mmx38mm and 2mm ± 0.2m wall thickness fixed to the shutter styles by means of plastic /galvanized MS 'U' cleats. Shutter frame filled with a uPVC multi-chambered PVC panel of size 610mmx20mm with 1.2mm ± 0.1mm wall thickness, complete as per direction of Engineer incharge	Sqm	3045.18	
078270	Providing and fixing factory made uPVC door frame made of uPVC extruded section profile size 50mmx60mm (±1mm) with wall thickness 2mm±0.2mm, corners of door frame to be mitered and joined at corners by means of plastic, galvanized brackets and stainless steel screws. Hinge side vertical of frames reinforced by galvanized MS tube of size 19mmx38mm and 1mm ± 0.1mm wall thickness and 3 nos. stainless steel hinges fixed to frame complete as per direction of Engineer incharge	R metre	248.67	
078280	Providing and fixing factory made UPVC door frame made of uPVC extruded section having an overall dimension as below (tolerance ±1mm) with wall thickness 2mm ± 0.2mm, corners of door frame to be mitered and welded of plastic, galvanized brackets and stainless steel screws. Hinge side vertical of frames reinforced by galvanized MS tube of size 19mmx19mm and 1mm ± 0.1mm wall thickness and 3 nos. stainless steel hinges fixed to frame complete as per direction of Engineer incharge.			
078281	Extruded section profile size 48mm x40 mm	R metre	238.99	
078282	Extruded section profile size 42mm x50 mm	R metre	213.49	

Item No.	Description of Item	Unit	Rate (Rs.)	Cement Qty. (qtl.)
078290	Supplying, providing and fixing white colour Double lipped solid PVC window frame of size 42 mm x 115 mm consisting of frame made of M.S. Tube of 19 gauge of size 15 mm x 15 mm and solid PVC section made from 4 mm thick (3.75 mm PVC foam sheet laminated with 0.25 mm rigid PVC sheet) suitably joined using PVC solvent cement so as to fix in walls using hold fasts. M.S. Window grill should be fixed suitably with sold PVC sections mitered cut on corners complete as per directions of Engineer Incharge	RM	785.09	
078291	Supplying, providing and fixing white colour Single lipped solid PVC window frame of size 50 mm x 35 mm consisting of frame made of M.S. Tube of 19 gauge of size 15 mm x 15 mm and solid PVC section made from 4 mm thick (3.75 mm PVC foam sheet laminated with 0.25 mm rigid PVC sheet) suitably joined using PVC solvent cement so as to fix in walls using hold fasts. M.S. Window grill should be fixed suitably with sold PVC sections mitered cut on corners complete as per directions of Engineer Incharge	RM	388.57	
078300	Supplying, providing and fixing 25 mm thick factory made white colour rigid glazed/wire gauge/PVC sheet PVC window shutter consisting of frame made of M.S. tube of 19 mm gauge of size 15 mm x 15mm for style, top and bottom rails. M.S. frame shall have a coat of steel primer M.S. frame shall be covered with 4 mm (3.75 mm PVC foam sheet laminated with 0.25 mm rigid PVC sheet) thick white colour moulded PVC C channel of size 50 mm x 25 x 50 mm of window shutter forming style pand rails filled with 4 mm thick glass panes/wire gauge/PVC sheet in clear space available between style and rails using PVC beeding of size 23 mm x 16 mm complete as per direction of Engineer Incharge (glass pane/wire gauge/PVC sheet to be paid extra)	sqm	2838.53	
078310	Providing and fixing of fibre glass reinforced plastic (FRP) door frames of three legged of cross-section 90 mm x 45 mm having single rebate of 32 mm x 15 mm to receive shutter of 30 mm thickness. The laminate door frame moulded with fire retardant grade unsaturated polyester resin and chopped mat. Door frame laminate shall be 2 mm thick and shall be filled with suitable wooden block in all the three legs. The frame shall be covered with fibre glass from all sides. M.S. stay shall be provided at the bottom to ready the frame	RM	477.09	

Item No.	Description of Item	Unit	Rate (Rs.)	Cement Qty. (qtl.)
078320	Providing and fixing 30 mm thick glass fibre reinforced (FRP) panelled door shutter of required colour and approved brand and manufacture, made with fire retardant grade unsaturated polyester resin, moulded to 3 mm thick FRP laminate for farming hollow rails and styles, with wooden frame and suitable blocks of seasoned wood inside at required places for fixing of fittings, cast monolithically with 5 mm thick FRP laminate for panels and conforming to (IS:14856 2000) complete work	Sqm	2672.04	
078330	Providing and fixing 30 mm thick fibre glass reinforced (FRP) flush door shutter in different plain and wood finish made with fire retardant grade unsaturated polyester resin moulded to 3 mm thick FRP laminate all around, with suitable wooden blocks inside at required places for fixing of fittings and polyurethane foam (PUF)/Polystyrene foam to be used as filler material throughout the hollow panel, casted monolithically with test parameters of F.R.P. laminate conforming to Table 3 of IS 14856:2000, complete as per directions of Engineer Incharge	Sqm	2972.10	
078340	Providing & fixing in position concealed GI section for wall panelling using Board of required thickness, fixed on the 'W' profile (0.55mm thick) having a knurled web of 51.55mm and two flanges of 26mm each with lips of 10.55mm placed at 610mm c/c in perimeter channel, having one flange of 20mm and another flange of 30mm with thickness of 0.55mm and web of length 27mm. Perimeter channel is fixed on the floor and the ceiling with nylon sleeves at 610mm c/c with fully threaded self-tapping dry wall screws. Board is fixed to 'W' profile with 25mm countersunk ribbed head-screws at 200mm c/c, all complete as per drawing & directions of engineer-in-charge. Joints of boards are finished with specially formulated jointing compound and 48mm wide jointing tape to provide seamless			
078341	8mm thick non-asbestos multipurpose cement board, reinforced with cellulose fibre manufactured through auto-claving process (high pressure steam-cured) as per IS:14862 with suitable fibre cement screw	Sqm	646.87	
	New Items To Be Added By Zonal Railways			
079010				
079020				
079030				
079040				
079050				