

**BD/T : DOORS, WINDOWS, VENTILATORS AND PARTITIONS**

<b>Sr. No. &amp; Item Code</b>	<b>Description of Items</b>	<b>Unit</b>	<b>in Rs Complete</b>
<b>1</b>	Providing and fixing ..... as per drawing for second class doors without ventilators, windows, fanlights, etc. including all mouldings, rebating, holdfasts and finishing with one coat of primer complete.		
	a) Country Teak wood frame	Cum.	
	b) Non teak wood frame	Cum.	
	VENTILATORS		
<b>2</b>	Providing and fixing C.T.W. second class fully glazed ventilator rectangular in shape adopting sections and sizes as given in Standard Specifications Volume-II (1981) or as per drawings including chromium plated fixtures and fastenings and finishing the wood work with one coat of primer complete. (Without frame and mild steel bar)	Sqm.	
<b>3</b>	Providing and fixing C.T.W. second class fully glazed fixed fanlight rectangular in shape adopting sections and sizes as given in Standard Specifications Volume-II (1981) or as per drawings including finishing with one coat of primer complete. (Without frame and mild steel bar)	Sqm.	
	PANELLED DOORS		
<b>4</b>	Providing and fixing C.T.W. double leaf second class fully panelled door without fanlights adopting sections and sizes as given in the Standard Specifications Volume-II (1981) or as per detailed drawings including chromium plated fixtures and fastenings and finishing the wood work with one coat of primer complete. (Without frame)	Sqm.	
<b>5</b>	Providing and fixing C.T.W. double leaf second class fully panelled door without fanlights adopting sections and sizes as given in the Standard Specifications Volume-II (1981) or as per detailed drawings including brass fixtures and fastenings and finishing the wood work with one coat of primer complete. (Without frame)	Sqm.	

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Sr. No. & Item Code	Description of Items	Unit	in Rs Complete
6	Providing and fixing C.T.W. single leaf second class fully panelled door without ventilator adopting sections and sizes as given in the Standard Specifications Volume-II (1981) or as per detailed drawings including chromium plated fixtures and fastenings and finishing the wood work with one coat of primer complete. (Without frame)	Sqm.	
7	Providing and fixing C.T.W. single leaf second class fully panelled door without ventilator adopting sections and sizes as given in the Standard Specifications Volume-II (1981) or as per detailed drawings including brass fixtures and fastenings and finishing the wood work with one coat of primer complete. (With-out frame)	Sqm.	
8	Providing and fixing C.T.W. double leaf second class partly panelled partly glazed door without ventilator adopting sections and sizes as given in Standard Specifications Volume-II (1981) or as per detailed drawings including chromium plated fixtures and fastenings and finishing the wood work with one coat of primer complete. (Without frame)	Sqm.	
9	Providing and fixing C.T.W. double leaf second class partly panelled partly glazed door without ventilator adopting sections and sizes as given in Standard Specifications Volume-II (1981) or as per detailed drawings including brass fixtures and fastenings and finishing the wood work with one coat of primer complete. (Without frame)	Sqm.	
10	Providing and fixing C.T.W. single leaf second class partly panelled partly glazed door without ventilator adopting sections and sizes as given in Standard Specifications Volume-II (1981) or as per detailed drawings including chromium plated fixtures and fastenings and finishing the wood work with one coat of primer complete. (Without frame)	Sqm.	
11	Providing and fixing C.T.W. single leaf second	Sqm.	

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class partly panelled partly glazed door without ventilator adopting sections and sizes as given in Standard Specifications Volume-II (1981) or as per detailed drawings including brass fixtures and fastenings and finishing the wood work with one coat of primer complete. (Without frame)

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<b>Item Code</b>	<b>Description of Items</b>	<b>Unit</b>	<b>Complete</b>
<b>12</b>	Providing and fixing C.T.W. double leaf 22 mm thick second class plain planked door without ventilator adopting sections and sizes as given in Standard Specifications Volume-II (1981) or as per detailed drawings including chromium plated fixtures and fastenings and finishing the wood work with one coat of primer complete. (Without frame)	Sqm.	
<b>13</b>	Providing and fixing C.T.W. single leaf second class 22 mm thick plain planked door without ventilator adopting sections and sizes as given in Standard Specifications Volume-II (1981) or as per detailed drawings including chromium plated fixtures and fastenings and finishing the wood work with one coat of primer complete. (Without frame)	Sqm.	
<b>14</b>	Providing and fixing country teak wood double leaf second class 22 mm thick false panelled door without fanlight, fixing 10 mm thick scantling to give appearance of panels as per detailed drawing including chromium plated fixtures and fastenings and finishing the wood work with one coat of primer complete. (Without frame)	Sqm.	
<b>15</b>	Providing and fixing country teak wood double leaf second class 28 mm thick false panelled door without fanlight, fixing 10 mm thick scantling to give appearance of panels as per detailed drawing including chromium plated fixtures and fastenings and finishing the wood work with one coat of primer complete. (Without frame)	Sqm.	
<b>16</b>	Providing and fixing country teak wood single leaf second class 22 mm thick false panelled door without ventilator, fixing 10 mm thick scantling to give appearance of panels as per detailed drawing including chromium plated fixtures and fastenings and finishing the wood work with one coat of primer complete. (Without frame)	Sqm.	
<b>17</b>	Providing and fixing country teak wood single	Sqm.	

leaf second class 28 mm thick false panelled door without ventilator, fixing 10 mm thick scantling to give appearance of panels as per detailed drawing including chromium plated fixtures and fastenings and finishing the wood work with one coat of primer complete. (Without frame)

<b>Item Code</b>	<b>Description of Items</b>	<b>Unit</b>	<b>Complete</b>
<b>18</b>	Providing and fixing teak wood single swing shutter part size panelled as per detailed drawing including double acting brass spring hinges and finishing with french polishing complete. (Without frame)	Sqm.	
<b>19</b>	Providing and fixing 25 mm thick country teak wood single swing shutter part size panelled with obscured glass as per detailed drawing or as approved including double acting brass spring hinges and finishing with french polishing complete. (Without frame)	Sqm.	
	FLUSH DOOR SHUTTER		
<b>20</b>	Providing and fixing solid core flush door in single leaf 35 mm thick decorative type of exterior grade as per detailed drawings, approved face veneer on both faces without glazing and venetians, all necessary beads, moulding and lipping, brass oxidised fixtures and fastenings with mortise lock, chromium plated handles on both sides and finishing with french polishing etc. complete (without frame).	Sqm.	
<b>21</b>	Providing and fixing solid core flush door in single leaf 35 mm thick commercial type of exterior grade as per detailed drawings, approved commercial plywood facing on both sides without glazing and venetians, all necessary beads, moulding and lipping, chromium plated fixtures and fastenings, handles on both sides and finishing with one coat of primer complete (without frame).	Sqm.	
	PANELLED DOOR SHUTTERS WITH TEAK WOOD PARTICLE BOARD		
<b>22</b>	Providing and fixing single leaf panelled door shutters 35 mm thick as per detailed drawings consisting of country cut teak wood styles, top rail, frieze rail of 100 mm x 35 mm, lock rail of 160 mm x 35 mm and bottom rail of 250 mm x 35 mm and insert panels of 12 mm thick, both	Sqm.	

sides decorative teak faced veneer teak wood particle board bonded with phenol formaldehyde synthetic resin, B.W.P. exterior grade generally conforming to IS: 3090-1980 including chromium plated fixtures and fastenings with one coat of wood primer etc. complete. (Excluding door frame)

Spec : (As directed by Engineer in Charge)

Sr. No. & Item Code	Description of Items	Unit	in Rs. Complete
23	Providing and fixing single leaf panelled door shutters 35 mm thick as per detailed drawings consisting of country cut teak wood styles, top rail, frieze rail of 100 mm x 35 mm, lock rail of 160 mm x 35 mm and bottom rail of 250 mm x 35 mm and insert panels of 12 mm thick, one side decorative teak faced veneer and other side commercial ply face teak wood particle board bonded with phenol formaldehyde synthetic resin, B.W.P. exterior grade generally conforming to IS: 3090-1980 including chromium plated fixtures and fastenings with one coat of wood primer etc. complete. (Excluding door frame)	Sqm.	
	Spec : (As directed by Engineer in Charge)		
24	Providing and fixing single leaf panelled door shutters 35 mm thick as per detailed drawings consisting of country cut teak wood styles, top rail, frieze rail of 100 mm x 35 mm, lock rail of 160 mm x 35 mm and bottom rail of 250 mm x 35 mm and insert panels of 12 mm thick, both sides commercial ply faced teak wood particle board bonded with phenol formaldehyde synthetic resin, B.W.P. exterior grade generally conforming to IS: 3090-1980 including chromium plated fixtures and fastenings with one coat of wood primer etc. complete. (Excluding door frame)	Sqm.	
	Spec : (As directed by Engineer in Charge)		
25	Providing and fixing single leaf panelled door shutters 35 mm thick as per detailed drawings consisting of country cut teak wood styles, top rail, frieze rail of 100 mm x 35 mm, lock rail of 160 mm x 35 mm and bottom rail of 250 mm x 35 mm and insert panels of 12 mm thick, teak wood particle board bonded with phenol formaldehyde synthetic resin, B.W.P. exterior	Sqm.	

	grade generally conforming to IS: 3090-1980 including chromium plated oxidised fixtures and fastenings with one coat of wood primer etc. complete. (Excluding door frame)	
Spec :	(As directed by Engineer in Charge)	
<b>26</b>	Providing and fixing fibre glass reinforced polyester door shutter 30 mm thick as per IS : 14856 (2000) (Reaffirmed 2006) without ventilator including chromium plated fixtures and fastening with chromium plated handles on both sides etc. complete.	Sqm.
Spec :	(As directed by Engineer in Charge)	

<b>Item Code</b>	<b>Description of Items</b>	<b>Unit</b>	<b>Complete</b>
<b>27</b>	Providing and fixing fibre glass reinforced polyester door shutter 35 mm thick as per IS : 14856 (2000) (Reaffirmed 2006) without ventilator including chromium plated fixtures and fastening with chromium plated handles on both sides etc. complete.	Sqm.	
Spec :	(As directed by Engineer in Charge)		
<b>28</b>	Providing and fixing brass peep window of approved quality, type, make, size and shape etc. to door shutter complete.	No.	
Spec :	(As directed by Engineer in Charge)		
<b>29</b>	Providing and fixing C.C.T.W. beading/lipping for flush door shutter including finishing complete.	Rmt.	
Spec :	(As directed by Engineer in Charge)		
<b>30</b>	Providing and fixing vision panel in flush type door shutters with plain glass etc. complete.	No.	
Spec :	(As directed by Engineer in Charge)		
<b>31</b>	Providing and fixing wooden venetians in flush type door shutter as per approved type etc. complete.	No.	
Spec :	(As directed by Engineer in Charge)		
<b>32</b>	Providing and fixing hydraulic door closer of approved quality and make to door shutter including making proper adjustment for smooth operation etc. complete.	No.	
Spec :	(As directed by Engineer in Charge)		
<b>33</b>	Providing and fixing in position night latch of	No.	

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approved make, quality and pattern with automatic locking arrangement, duplicate keys etc. complete.

Spec : (As directed by Engineer in Charge)  
WINDOWS

**34** Providing and fixing country teak wood 25 mm thick double leaves first class windows adopting sections and sizes as given in Standard Specifications Volume-II (1981) with plain glass shutters without ventilators/ fanlights as per detailed drawings including brass oxidised fixtures and fastenings and finishing the wood work with one coat of primer complete. (Without frame and mild steel bars) Sqm.

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<b>Item Code</b>	<b>Description of Items</b>	<b>Unit</b>	<b>Complete</b>
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<b>35</b>	Providing and fixing country teak wood 25 mm thick double leaves second class windows adopting sections and sizes as given in Standard Specifications Volume-II (1981) with plain glass shutters without ventilators/ fanlights as per detailed drawings including chromium plated fixtures and fastenings and finishing the wood work with one coat of primer complete. (Without frame and mild steel bars)	Sqm.	
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<b>36</b>	Providing and fixing country teak wood 30 mm thick double leaves first class windows adopting sections and sizes as given in Standard Specifications Volume-II (1981) with plain glass shutters without ventilators/ fanlights as per detailed drawings including brass oxidised fixtures and fastenings and finishing the wood work with one coat of primer complete. (Without frame and mild steel bars)	Sqm.	
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<b>37</b>	Providing and fixing country teak wood 30 mm thick double leaves second class windows adopting sections and sizes as given in Standard Specifications Volume-II (1981) with plain glass shutters without ventilators/ fanlights as per detailed drawings including chromium plated fixtures and fastenings and finishing the wood work with one coat of primer complete. (Without frame and mild steel bars)	Sqm.	
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<b>38</b>	Providing and fixing country teak wood 22 mm thick window adopting sections and sizes as	Sqm.	
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given in Standard Specifications Volume-II (1981) with double leaf planked shutters as per detailed drawings including chromium plated fixtures and fastenings and finishing the wood work with one coat of primer complete. (Without frame and mild steel bars)

**39** Providing and fixing double leaves second class windows with panelled shutters 35 mm thick with panels 25 mm thick without ventilators/ fanlights as per detailed drawings with chromium plated fixtures and fastenings and finishing the wood work with one coat of primer complete. (Without frame)

Sqm.

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<b>Sr. No. &amp; Item Code</b>	<b>Description of Items</b>	<b>Unit</b>	<b>in Rs. Complete</b>
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**40** Providing and fixing single leaf second class windows with panelled shutters 35 mm thick with panels 25 mm thick without ventilators/ fanlights as per detailed drawings with chromium plated fixtures and fastenings and finishing the wood work with one coat of primer complete. (Without frame)

Spec : (As directed by Engineer in Charge)

Sqm.

**41** Providing and fixing double leaves second class windows with false panelled shutters 22 mm thick and covering planks 10 mm thick without ventilators/ fanlights as per detailed drawings including chromium plated fixtures and fastenings and finishing the wood work with one coat of primer etc. complete. (Without frame and mild steel bars)

Spec : (As directed by Engineer in Charge)

Sqm.

**42** Providing and fixing single leaf second class windows with false panelled shutters 22 mm thick and covering planks 10 mm thick without ventilators/fanlights as per detailed drawings including chromium plated fixtures and fastenings and finishing the wood work with one coat of primer etc. complete. (Without frame and mild steel bars)

Spec : (As directed by Engineer in Charge)

Sqm.

**43** Providing and fixing country cut teak wood louvered window with teak wood frame 60 x 100 mm and glass louvers of approved quality with 16 mm dia. mild steel bars between louvers

Sqm.

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including finishing wood work and iron work with one coat of primer complete.

MILD STEEL BARS FOR WINDOWS/  
VENTILATORS/ FANLIGHTS

<b>44</b>	Providing and fixing 16 mm dia. mild steel round bars at 100 mm c/c to windows/ ventilators/ fanlights, fixing mild steel Flats 40 x 6 mm in frame, cutting a recess to fit the flat exactly including drilling the holes to flats to pass the bars through it 25 mm inside in wooden frame including providing ..... of 40 x 6 mm by drilling holes (when bar length exceeds 75 cm) including one coat of primer etc. complete.	
Spec :	(As directed by Engineer in Charge)	
	a) two central flats	Sqm.
	b) one central mild steel flat	Sqm.
	c) without central mild steel flats	Sqm.

<b>Item Code</b>	<b>Description of Items</b>	<b>Unit</b>	<b>Complete</b>
<b>45</b>	Providing and fixing 16 mm dia. mild steel bars to windows at 100 mm centre to centre including one coat of primer etc. complete. (without M.S. flats)	Sqm.	
Spec :	(As directed by Engineer in Charge)		
	STEEL WINDOWS		
<b>46</b>	Providing and fixing steel windows of various sizes as per detailed drawings with hot dip zinc coating ..... conforming to IS: 1038 -1975 and sections conforming to IS: 7452 -1982 including fabricating, glazing with 3 mm thick obscured glass panes of approved quality and all fixtures and fastenings including aluminium beading 12 mm x 12 mm weighing @ 0.148 kg per metre, scaffolding, painting etc. complete.		
Spec :	(As directed by Engineer in Charge)		
	a) without ventilator with side hung shutters	Sqm.	
	b) without ventilator with center hung shutters	Sqm.	
<b>47</b>	Providing and fixing steel ventilators of various sizes as per detailed drawings with hot dip zinc coating ..... conforming to IS: 1038 -1975		

and sections conforming to IS: 7452 -1982 including fabricating, glazing with 3 mm thick obscured glass panes of approved quality and all fixtures and fastenings including aluminium beading 12 mm x 12 mm weighing @ 0.148 kg per metre, scaffolding, painting etc. complete.

a) with top hung shutters Sqm.

b) with side hung shutters Sqm.

ALLUMINIUM WINDOWS

**48** Providing and fixing in position anodised extruded aluminium openable window having frame made out of aluminium section of outer frame size 53 mm x 57 mm (or of required size with proportionate change in weight) of average weight @ 1.118 kg/Rmt and shutter of 53 mm x 57 mm (or of required size) of average weight of 0.30 kg/Rmt (or as required) with plain sheet glass 5.5 mm thick with neoprene gasket with hinges, locking arrangement and wooden encasement wherever necessary etc. complete.

Spec : (As directed by Engineer in Charge)

<b>Sr. No. &amp; Item Code</b>	<b>Description of Items</b>	<b>Unit</b>	<b>in Rs. Complete</b>
<b>49</b>	Providing and fixing in position extruded moulded aluminium fixed glass panel window having frame made out of extruded tubular section of size 63 mm x 38 mm x 2.00 mm thickness (wt. 1.054 kg/Rmt) mechanically assembled at corners with glazing, beading of angle 25 mm x 25 mm x 1.60 mm thick (wt. 0.21 kg/Rmt) including plain sheet glass 5.5 mm thick with rubber gasket and wooden encasement wherever necessary etc. as per approved drawing and specification etc. complete.	Sqm.	
	Spec : (As directed by Engineer in Charge)		
<b>50</b>	Providing and fixing in position extruded	Sqm.	

modular aluminium section two track sliding window mounted on rectangular frame of size 63 mm x 38 mm x 2.00 mm thick (1.054 kg/Rmt) made up of two track drain bottom section of size 61 mm x 45 mm x 1.3 mm thick (1.055 kg/Rmt) and top and sides sections of size 61 mm x 31 mm x 1.3 mm thick (0.659 kg/Rmt). The shutter should be of bearing bottom of size 40 mm x 18 mm x 1.25 mm thick (0.417 kg/Rmt) top member of size 40 mm x 18 mm x 1.20 mm thick (0.475 kg/Rmt) Interlocking section size of 43 mm x 27 mm x 1.30 mm thick (0.558 kg/Rmt) and handle section of size 43 mm x 18 mm x 1.30 mm thick (0.424 kg/Rmt), selected quality 5.5 mm thick clear glass to be fixed in shutter with neoprene gasket with approved quality PVC rollers, necessary locks, handles, PVC lining and wooden encasement wherever necessary etc. complete.

Spec : (As directed by Engineer in Charge)

Sr. No. & Item Code	Description of Items	Unit	(in Rs Complete
51	Providing and fixing in position extruded modular aluminium section three track sliding (upto 1.20 height) window mounted on rectangular frame of size 100 mm x 40 mm x 1.30 mm thick (wt 0.976 kg/Rmt) made up of three track drain bottom section of size 92 mm x 45 mm x 105 mm thick (1.659 kg/Rmt) Three track top and sides of size 92 mm x 31 mm x 1.3 mm thick (0.933 kg/Rmt) The shutter comprising of bottom and top member of size 40 mm x 18 mm x 1.25 mm thick (0.417 kg/Rmt) Interlocking section of size 40 mm x 18 mm x 1.10 mm thick (0.469 kg/Rmt) handle sides of 40 mm x 18 mm x 1.25 mm thick (0.417 kg/Rmt) with 5.5 mm thick selected quality clear glass fixed in shutter with approved quality neoprene gasket, PVC rollers, locks, handles, PVC lining and wooden encasement wherever necessary etc. complete.	Sqm.	
	Spec : (As directed by Engineer in Charge)		
52	Providing and fixing in position exuded modular alluminium section Two Track Sliding Window (Excluding frame) made up of two drack drain bottom section of size 61mm x 45mm. x 1.3mm thick (1.055 Kg/Rmt) and top and side sections	Smt	

of size 61mm x 31mm. x 1.3mm thick (0.659 Kg/Rmt). The shutter should be bearing bottom of size 40mm.x 18mm. x 1.2 mm thick (0.417 Kg/Rmt) top number of size 40mm. x 18 mm. x 1.20mm Thick (0.475 Kg/Rmt) Interlocking section size of 43mm x 27mm.x1.30mm thick (0.558 Kg/Rmt) and handle section of size 43mm x 18mm x 1.30mm thick (0.424 Kg/Rmt) selected quality 5.5.mm. thick tinted glass to be fixed in shutter with neoprene, gasket with approved quality P.V.C. rollers, necessary locks handles, P. V. C. lining etc. complete. (Excluding frame)

Spec : (As directed by Engineer in Charge)

Sr. No. & Item Code	Description of Items	Unit	in Rs. Complete
53	<p>Providing and fixing in position exuded modular alluminium section three track sliding window made up to three track drain bottom section of size 92mm. x 45 mm. x 1.05 mm. thick (1.659 Kg/Rmt) three track top and sides section of size 92mm. x 31 mm. x 1.30mm. thick (0.933 Kg/Rmt) The shutter comprising of bottom and top member of size 40mm.x18mm.x1.25mm thick (0.417 Kg/Rmt)Interlocking section of size 40mm.x 18mm.x 1.10 mm. thick (0.469 Kg/Rmt) handles section of Size 40mm x 18mm x 1.25mm thick (0.417 Kg/Rmt) with 5.5 mm. thick selected quality tinted glass fixed in shutter with approved quality neoprene, gasket, P.V.C. lining etc complete. (Excluding frame).</p>	Smt	
	Spec : (As directed by Engineer in Charge)		
54	<p>Providing and fixing aluminum louvered windows consisting of vertical arm (40x12mm) with holders, lever and locking arrangement weighing at 0.91 Kg/M with 3mm thick sheet glass louvers etc. complete.</p>	Sqm.	
	Spec : (As directed by Engineer in Charge)		
55	<p>Replacing by providing and fixing 3 mm thick plain sheet glass of doors and windows etc. including putty complete.</p>	Sqm.	
	Spec : (As directed by Engineer in Charge)		
56	<p>Replacing by providing and fixing 3 mm thick rubbed glass of doors and windows etc. including putty complete.</p>	Sqm.	
	Spec : (As directed by Engineer in Charge)		

57 Replacing by providing and fixing 3 mm thick excellent clarity plain acrylic sheet glass of approved quality and make for doors and windows including drilling the hole and fixing with iron screws if necessary and filling the putty of approved quality etc. complete.

Spec : (As directed by Engineer in Charge)

Sr. No. & Item Code	Description of Items	Unit	in Rs. Complete
	ROLLING SHUTTERS		
58	Providing and fixing rolling steel shutter fabricated from 18/20 gauge steel laths with side guides, bottom rail, brackets, door suspension shaft including ..... with one coat of red lead primer etc. complete.		
	a) rolling springs, locking arrangement and housing box at the top	Sqm.	
(*)	<b>(*) (Except mechanical gear box)</b>		
	b) 3 ball bearings and housing box at the top	Sqm.	
	c) housing box at the top including mechanical gear operation arrangement	Sqm.	
59	Providing and fixing collapsible steel gates in two leaves with channel pickets, pivoted flat bars including top and bottom guide rollers, stoppers, handles, all fittings and accessories, locking arrangement and applying one coat of red lead primer complete.	Sqm.	
	PARTITIONS		
60	Providing and fixing partitions using 1.84 metre height using with phenol formaldehyde synthetic resin including C.T.W. vertical 70 x 70 mm and top and bottom rail of 70 x 35 mm and covering batten of 30 x 10 mm at 1.22 metre apart on both ways or as directed including finishing with one coat of primer complete.		
	a) 12 mm thick teak wood particle board	Sqm.	
	b) 12 mm thick teak wood particle board housing one face teak veneer	Sqm.	
	c) 12 mm thick teak wood particle board with	Sqm.	

<b>61</b>	Providing and fixing partitions of 3.5 mm to 4 mm thick Indian teak veneer on both sides including C.T.W. frame of 70 x 35 mm at 60 cm c/c including finishing with french polishing complete. (without skirting)	Sqm.	
<b>Sr. No. &amp; Item Code</b>	<b>Description of Items</b>	<b>Unit</b>	<b>in Rs. Complete</b>
<b>62</b>	Providing and fixing partitions of 3.5 mm to 4 mm thick Indian teak veneer on one side and 4 mm commercial ply wood on the other side including C.T.W. frame of 70 x 35 mm at 60 cm c/c including finishing with french polishing to veneer face and oil painting / french polishing to other face etc. complete. (without skirting)	Sqm.	
<b>63</b>	Providing and fixing country teak wood partly veneered and partly glazed partition with 70 x 35 mm frame at 60 cm centre to centre and decorative veneer of 4 mm thick including french polishing etc. complete. Spec : (As directed by Engineer in Charge)	Sqm.	
<b>64</b>	Providing and fixing storage cabinet made of 19 mm thick commercial plywood including shelf of 400 mm to 450 mm centre to centre and shutters both made of 19 mm thick commercial plywood, back covered with 6 mm commercial ply wood and storage unit is finished externally with approved quality 1 mm thick laminate including finishing inner side and back side by two coat of french polish with necessary fixtures and fastenings as per detailed design and drawing etc. complete. Spec : (As directed by Engineer in Charge) SKIRTING / RUNNER COVER MOULDING	Sqm.	
<b>65</b>	Providing and fixing teak wood skirting 20 mm thick including necessary beading, rounding, french polishing etc. complete as directed by Engineer in-charge. Spec : (As directed by Engineer in Charge)	Sqm.	
<b>66</b>	Providing and fixing teak wood runner 6" x 3" size over partition including rounding, fixing in the masonry where necessary including 3 coats of french polishing, necessary beading on sides etc. complete as directed by Engineer in-charge.	Rmt.	

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Spec : (As directed by Engineer in Charge)

**67** Providing and fixing teak wood cover moulding 45 x 20 mm over doors and windows in the required position as per drawing including all mouldings and finishing with french polishing etc. complete. Rmt.

Spec : (As directed by Engineer in Charge)

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<b>Sr. No. &amp; Item Code</b>	<b>Description of Items</b>	<b>Unit</b>	<b>in Rs. Complete</b>
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**68** Providing and fixing welded mesh of ..... and 2.54 mm thick (12 gauge) to teak wood frame work as per detailed drawings or as directed, iron fastenings, one coat of primer, scaffolding etc. complete. (Frame work of 70 mm x 45 mm and covering battens of 45 x 10 mm to be paid separately)

Spec : (As directed by Engineer in Charge)

a) 75 mm x 25 mm Sqm.  
b) 50 mm x 25 mm Sqm.  
c) 25 mm x 25 mm Sqm.  
d) 50 mm x 50 mm Sqm.

**69** Providing and fixing ..... XPM of 2.54 thick (12 gauge) to teak wood frame work as per detailed drawing or as directed, iron fastenings, one coat of primer, scaffolding etc. complete. (Frame work of 70 mm x 45 mm and covering battens of 45 x 10 mm to be paid separately)

Spec : (As directed by Engineer in Charge)

a) 25 mm Sqm.  
b) 20 mm Sqm.

WEATHER SHEDS

**70** Providing and fixing ..... on top of weather sheds including scaffolding, fixing by means of nut and bolts or as directed etc. complete. (Brackets of 70 mm x 45 mm to be paid separately)

Spec : (As directed by Engineer in Charge)

a) 22 B.W.G. plain galvanised iron sheets Sqm.

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	b) plain asbestos cement sheet	Sqm.
<b>71</b>	Providing and fixing 24 gauge plain aluminium sheet on the face of door shutter of W.C./Bath including cutting to required size and fixing by screws including making good the damages if any to existing door shutter and frame etc. complete.	Sqm.
Spec :	(As directed by Engineer in Charge)	

<b>Item Code</b>	<b>Description of Items</b>	<b>Unit</b>	<b>Complete</b>
<b>72</b>	Providing and fixing in position C.C.T.W. brackets for weather sheds of section 70 x 45 mm with mortise and tenon joinery at 1.2 to 1.5metre centre to centre or as directed and teak wood battens of required section including fixing three numbers of iron nut and bolts to each bracket, necessary scaffolding and two coats of painting to wood work etc. complete.	Cum.	
Spec :	(As directed by Engineer in Charge)		
<b>73</b>	Removing doors and windows of any size and type ....., mild steel/ wrought iron grill work and stacking the same in compound or in P.W.D. Chowky.		
	a) with frame	No.	
	b) without frame	No.	
<b>74</b>	Removing teak wood panelled/ partly glazed or veneer partitions carefully without damaging the frame or panels and stacking the same as and where directed.	Smt	
	Note : Following item No. 75 to 90 should not be executed before prior approval of Superintending Engineer		
<b>75</b>	Providing and fixing in position precast R.C.C. (as per IS 456-2000) M-40 grade concrete frames for doors/windows/ louver windows of section 125 x 50 mm with two top steel bars of 8 mm / 10 mm for reinforcement and concrete having diameter for compressed strength of 400	Rmt.	



kg/square centimetre with wood like finish having 3 numbers of 12 gauge M.S. galvanized plates of vertical members for fixing hinges with 4 numbers of threaded holes in each plate, 2 numbers of 12 mm dia. holes on horizontal top members for tower bolts, 2 numbers of 16 mm dia. holes on vertical members for fixing Aldrop or Tadi, 3 numbers G.I. Machine screws of 3/16" x 3/8", 6 numbers of M.S. galvanized specially designed hold fast anchored with tor steel bars of vertical members etc. complete (with all lead) excluding painting to the frame.

Spec : (As directed by Engineer in Charge)

Sr. No. & Item Code	Description of Items	Unit	in Rs. Complete
76	<p>Providing and fixing factory made precast door/window frames of cement concrete (as per IS-456-2000) M-40 grade of section 100 x 60 mm including reinforcement as per I.S. 6523 with polymetric blocks having screw holding capacity of 250 kg. fixed in position of R.C.C. frame as per requirement and as per specifications without fan light including holdfasts, carting and erecting in position and two coats of oil paint etc. complete.</p>	Rmt.	
	Spec : (As directed by Engineer in Charge)		
77	<p>Providing and fixing anodized aluminum fully glazed doors including door frame with powder coating 5 mm thick sheet glass necessary fixtures, and fastenings, neoprene type rubber plain gaskets as per IS standard and detailed drawing etc. complete. (Sample to be got approved from Superintending Engineer before use)</p>	Sqm.	
	Spec : (As directed by Engineer in Charge)		
78	<p>Providing and fixing Sintex or equivalent door frames made out of rigid PVC hollow, section DWUF-412 of size 38 mm x 32 mm with steel reinforcement ST-33 of size 14 x 33 mm, machine cut and welded and tie rod at the bottom including fixing 100 mm long expandable screws in required number with wooden plug expandable screws in required number with wooden plugs fixed in walls as holdfasts and remaking damaged surface etc. complete. (For Toilet Blocks)</p>	Sqm.	

Spec :	(As directed by Engineer in Charge)	
<b>79</b>	Providing and fixing Sintex or equivalent door frames made out of rigid PVC hollow section DWUF-405 of size 48 mm x 40 mm with steel reinforcement ST-22 of size 22 x 18 mm, machine cut and welded and tie rod at the bottom including fixing 100 mm long expandable screws in required number with wooden plugs fixed in walls as holdfasts and remaking damaged surface etc. complete. (For Toilet Blocks)	Smt
Spec :	(As directed by Engineer in Charge)	

<b>Sr. No. &amp; Item Code</b>	<b>Description of Items</b>	<b>Unit</b>	<b>in Rs. Complete</b>
<b>80</b>	Providing and fixing Sintex or equivalent door frames made out of rigid PVC hollow section BLR-53 of size 27 x 20 mm, machine cut and welded and tie rod at the bottom including fixing 100 mm long expandable screws in required number with wooden plugs fixed in walls as holdfasts and remaking damaged surface etc. complete. (For Internal Rooms)	Sqm.	
Spec :	(As directed by Engineer in Charge)		
<b>81</b>	Providing and fixing of PVC make frame Choukhat having size 53 x 60 mm. The Choukhat will be attached to the wall with the help of screws. The Choukhat will be filled with solid polymer material in all voids necessary for fixing the screws etc. complete.	Sqm.	
Spec :	(As directed by Engineer in Charge)		
<b>82</b>	Providing and fixing 30 mm thick single leaf door shutter of approved quality and make of 1.5 mm thick P.V.C. Sheets on both sides filled with 'PUF' (Poly urethane foam) with three numbers of bright finished brass butt hinges (100 x 70 x 4 mm size) with brass screws, chromium plated fixtures and fastenings such as one number of 16 mm and 300 mm long aldrop, one number of 250 x 25 x 5mm door latch, two numbers of 100 mm size handles etc. complete. (Excluding shutter frame)	Sqm.	
Spec :	(As directed by Engineer in Charge)		
<b>83</b>	Providing and fixing 30 mm thick single leaf door	Sqm.	

shutter of approved quality and make of 0.80 mm thick G. I. Sheets on both sides filled with 'PUF' (Poly urethane foam) with three numbers of bright finished brass butt hinges (100 x 70 x 4 mm size) with brass screws, chromium plated fixtures and fastenings such as one number of 16 mm and 300 mm long aldrops, one number of 250 x 25 x 5mm door latch, two numbers of 100 mm size handles and finished etc. complete. (Excluding shutter frame)

Spec : (As directed by Engineer in Charge)

Item Code	Description of Items	Unit	Complete	Labour
84	<p>Providing and fixing PVC multi leaf door shutter of approved colour / lamination made out of extruded rigid PVC hollow section PW 2459 shutter frame of size 24 x 59 mm having double wall construction as vertical styles, top and bottom rails and middle lock rails of size 24 x 100 mm and the panel in PW 20200 multi chamber hollow plastic section of size 20 x 200 joined each other by tongue and groove interlocking system duly inserted in shutter frames and all shutter frames, lock rails, styles reinforced by polymer inserted inside for fixing of hinges, aldrops, tower bolts and baby latch etc. All corners should be machine cut joined each other by metal screw after inserting rigid L bracket PVC reinforced of size 100 x 200 mm including synthetic metal / alluminium with powder coating, fixtures and fastenings remaking, damage surface etc. complete.</p> <p>Spec : (As directed by Engineer in Charge)</p>	Sqm.		
85	<p>Providing and fixing PVC Twin panelled single leaf door shutter of approved colour / lamination made out of extruded rigid PVC hollow section PW 2459 shutter frame of size 24 x 59 mm having double wall construction as vertical styles, top and bottom rails and middle lock rails of PW24100H of size 24 x 100 mm and the panel in PW 20610 multi chamber hollow plastic section of size 20 x 610 mm duly inserted in shutter frames, lock rails, styles reinforced by polymer inserted inside for fixing of hinges, aldrops, tower bolts and baby latch etc. All corners should be machine cut joined each other by metal screw after inserting rigid L bracket PVC reinforced of size 100 x 200 mm including synthetic metal / alluminium with powder</p>	Sqm.		

	coating, fixtures and fastenings remaking, damage surface etc. complete.
Spec :	(As directed by Engineer in Charge)

Sr. No. & Item Code	Description of Items	Unit	in Rs. Complete
86	<p>Providing and fixing PVC Twin panelled single leaf door shutter of approved colour / lamination made out of extruded rigid PVC hollow section PW 2459 shutter frame of size 24 x 59 mm having double wall construction as vertical styles, top and bottom rails and middle lock rails of PW24100H of size 29 x 100 mm and the panel in PW 20610 multi chamber hollow plastic section of size 25 x 710 mm duly inserted in shutter frames, lock rails, styles reinforced by polymer inserted inside for fixing of hinges, aldrops, tower bolts and baby latch etc. All corners should be machine cut joined each other by metal screw after inserting rigid L bracket PVC reinforced of size 100 x 200 mm including synthetic metal / aluminium with powder coating, fixtures and fastenings remaking, damage surface etc. complete.</p>	Sqm.	
Spec :	(As directed by Engineer in Charge)		
87	<p>Providing and fixing in position anodized extruded aluminium partitions, partly glazed and partly laminated having frame made out of extruded tubular section of size 40 x 60 mm with 12 mm thick three layered flat pressed teak wood particle board bonded with BWP type exterior grade phenol formaldehyde synthetic resin conforming to I.S. 12823-1990, laminated on both sides and 5 mm thick selected quality flat glass panels fixed with aluminium glass clips 12 x 12 mm and rubber cushioning beading to glass partition as per approved drawing etc. complete. (Sample to be got approved from Superintending Engineer before use)</p>	Sqm.	
Spec :	(As directed by Engineer in Charge)		
88	<p>Providing and fixing in position anodized extruded aluminium partitions with both sides laminated panels having frame made out of aluminium extruded tubular section of size 40 x</p>	Sqm.	

65 mm with 9 mm thick three layered flat pressed teak wood particle board bonded with BWP type exterior grade phenol formaldehyde synthetic resin conforming to I.S. 12823-1990, laminated on both sides, fixed with aluminium glass clips of size 12 x 12 mm as per approved drawing etc. complete. (Sample to be got approved from Superintending Engineer before use)

Spec : (As directed by Engineer in Charge)

Sr. No. & Item Code	Description of Items	Unit	in Rs. Complete
89	<p>Providing and fixing in position anodized extruded aluminium partition having frame made of aluminium extruded tubular section of size 65 x 40 mm with 12 mm thick three layered flat pressed teak wood particle board bonded with BWP type exterior grade phenol formaldehyde synthetic resin conforming to I.S. 12823-1990, laminated on both sides, fixed with aluminium glazing clips of size 12 x 12 mm (conical) as per drawing etc. complete. (Sample to be got approved from Superintending Engineer before use)</p>	Sqm.	
	Spec : (As directed by Engineer in Charge)		
90	<p>Providing and fixing aluminium grill as per AL-104 section approved by AIAGMA decorative of various sizes as per detail drawing and specification etc. complete.</p>	Sqm.	
	Spec : (As directed by Engineer in Charge)		