

Revised Description of Portable cabin(M.S Bunk house)

Technical specification for Manufacturing, Supply, Commissioning of
Two
Portable Cabins

<p>Major Parameter includes Portable cabin(M.S Bunk house) of size- 15x10x 8.6 ft MAIN SHELL:- The main fabrication of the structural frame work shall be integral and all welded(Co2 welding) type to comprise of the bottom, top, side & overall frame work. Self-draining roof and desired door-window with Insulation & Electrical fittings inside the cabin. The structure should be durable, fire proof, light, sturdy, termite and water proof. The detailed specifications are as under:-</p>			
SN	Component	Description	Ref. /IS Specs.
1	Bottom/base frame	100mm specially formed channel	IS :2062 for MS or IS:808 for Rolled section
2	Top frame	75 x 75 sq mm pipes/tubes	IS :4923(tube) IS: 1239 (pipe)
3	Stiffeners Bottom	100 x 50 mm specially formed channels	IS :2062 or 808
4	Stiffeners Top	45 x 45 x 5mm & 45 x 45 x 5 mm M.S Tee	IS :2062 or 808
5	Side Post	Specially formed 3.15 mm M.S post section	IS :2062
6	Side wall stiffeners	Specially formed 2.00 mm M.S channels	IS :2062 or 808
7	Paneling outside	M.S Corrugated sheet(10 gauge)	IS :2062
8	Internal wall paneling	8 mm Pre-laminated sheet for wall	L.P RDSO C-K514 or similar
9	Roof outside	M.S Plain sheet (18 gauge) with efficient drain of rain water and to avoid collection of dust leaves etc on the roof.	IS :2062
10	False ceiling	5 mm 100% water proof sheet.	---
11	Bottom flooring	19 mm Marine Ply with 1.5 mm Vinyl carpet of (LG or <i>equivalent</i> make)	IS:710, IS:3461
12	M.S door	50 mm insulated M.S Door of size- 3' x 6'6" with hydraulic door closer, locks, handles. Doors shall be fixed with heavy gauge MS hinges Weather shed for door.	IS :2062 For Hinge IS: 1341/1992 For Hydraulic Door Closer –IS: 3564/96 Type -2
13	Insulation	1.At four side walls by 50 mm Glass wool insulation covered with 8 mm pre-laminated sheet. 2. At ceiling by 100 mm Glass wool insulation covered with 5 mm pre-laminated sheet (100% water proof). (All the Glass wool density-24)	Glass wool; IS: 8183/93

Minor Parameter includes		
14	Wiring	Concealed wiring – PVC conduits using fire resistance wires of Poly cab or finolex make.
15	Electrical Fitting/cabin	<ol style="list-style-type: none"> 1. Tube lights(T5-28 watts) – 02 nos. make -havells. Crompton, bajaj or any reputed 2. Door lights- 01 no. havells. Crompton, bajaj or any reputed 3. Fans-01 no. make- havells. Crompton, bajaj or any reputed 4. Switches & sockets – 6 amps –01 no. & 16 amps-01 no. Modular type Anchor, Havells, Sazlers, Elle(Hi-Fi).
16	Painting	Phosphating the cabin internally and painting with coat of epoxy primer(anti corrosive paint) & two coat of epoxy texture paint(corrosion resistant paint) of reputed make. The external surface of the cabin shall be painted with two coats of epoxy texture paint(corrosion resistant paint) of reputed make. The roof of the cabin painted with polyurethane paint.
17	M.S Racks with shutter OR Storage Cup board	M.S Storage Cup board - 06 nos. Each Cup board made of M.S with full height door of size- 4' 10"(width)x 2'6"(depth) x 6'(ht) as shown in sketch No.SSE/C&W/HBJ/06 Dt.31.01.11 Comprising with 02 partitions at 2 ft height as shown in sketch
18	Dummy plate	Size- 3'5" x 3'5"

Others

19	Concomitant Accessories	i) Maintenance manual/literature of cabin for ensure proper upkeeping of cabins.
20	Optional Accessories	N I L
21	Spares	----
22	Delivery	Free upto destination
23	AMC requirement	----
24	Warranty requirement	12 months from the date of receipt against defective material or bad workmanship
25	Inspection	By RITES
