

TECHNICAL SPECIFICATION

SR.NO.	POINTS	DESCRIPTION
1.	Skid	Made by M.S.I beam 8"x4"
2.	Base Frame	Out side frame (4 side) of ISMC 125X65 mm.Three inside runner of ISMC 125X65 mm. and cross member to form 2'X2' Squire in full bottom fram of 75X40 mm ISMC.
3.	Side Post And End Top Loading Point	Specially formed 4 mm MS Post section Or 150X150 Square Pipe.The top loading post are steel casting molding block.
4.	Roof	2 mm HR plain sheet ,Size 8'X4' and 1-1/2"Size T –Section or Equal Angle to be used. In kitchen inside roof & side wall will covered with SS sheet.
5.	Internal Framing	Internal framing of walls,partition walls and ceiling will be of 40X20mm rectangular pipe of 14 gauge.The concealed electrical wire shall be run through PVC Conduit pipe through wall fram.
6.	Exterior Wall Panel	Exterior wallshall be made up of 1.6 mm CR Corrugated sheet (2" deep and 4" taper sheet) & 1.2 mm G.I. Specially corrugated sheet. Panels shall be vertical corrugated sheet shall be continuously welded to top side and base structure so as to offer better strength to eight ratio.
7.	Top Frame	The top frame shall be made of square pipes 75X75X4 mm.
8.	Welding	The containerized bunk house's Exterior Wall Panel & Roof Sheet shall be of all welded using the latest method of MIG (Co2).
9.	Insulation	25 mm X32 kg density Glasswool shall be used in walls and 50 mm X32 kg density Glasswool used on roof.(Make – Twiga).The Fiber Glasswool roll helps in reduction in heat transmission and is 100% inorganic asbestos free,non-toxic and non-hygroscopic & vermin proof.
10.	Inner Paneling	8 mm Thick decorative,both side pre laminated particle board,three layered, of make ASSOCIATED , Shall be screwed on internal walls, partition walls and ceiling.Verticle and horizontal v neatly finished. powder coated aluminium (shade brown) breading will be fixed on joint of wood sheet.The shade of particle wood board will be highland pine for wall and OSL (White) for celling.
11.	Flooring	(1)Composite cement board of 18 mm thickness,make bison, Swastik & E-board shall be fixed by self taping screw to floor based.(2)PVC Vinyle flooring – 1.3 mm thick wonder make shall be fixed on the panel.
12.	Aluminum Windows	Aluminium powder coated windows shall be double shutter sliding type.4 mm thick Clear vision or dark glasses are to be fitted to it window.Window is all covered with Aluminium mosquito net, Safety Grill made from 10 mm M.S.Sq.bar & weather shed on the exterior part of the window.
13.	Electrical System	The Bunk House will be provided with electrical wiring suitable for 250 volt,50 HZ single phase AC power supply.All electrical wiring would be concealed. Bulk head, Foot lamp, Tube lights and Cabin fan will be provided.suitable copper cables will be used for lighting

		circuit.The copper Cables used will be of 1.5 cables for lighting circuits. ISI mark and and concealed in PVC conduits insulated copper wire will be used for wiring to be done in PVC conduit with small size distribution board with MCB protection and to seprate with main supply.(Make will be used of Great White,Anchor,Roma,Pestolite,Schneider etc...)
14.	Type	Lift and Carry type
15.	MCB,ELCB,RCCB	It is provided at the INPUT JUNCTION for additional safety . (Make - Great White,Anchor,Schneider)
16.	Electric Cable	FRLS type Janson, Great White, RR make copper cable of required size.
17.	Smoke detector	Stand-Alone 9V DC
18.	Electric Exhaust Fan	Exhaust fan 200 mm fix on fram. Make - Usha
19.	Air Conditioner	As per requirement
20.	Furniture	As per your requirement
21.	Steel Bed	Made by M.S.Round Pipe, M.S.Cube or M.S.Squire pipe
22.	Main Door	The door shall be of external opening type made out of the One side laminated Flush Door Size 36"X78" with door closing unit. The peripheral edges of the door shall be sealed with GP Sheet and GP C channel to make it waterproof & leak proof.The door shall be provided with locking arrangement with separate handles of both sides of the door as per required. Main Door will e insulated and fitted with appropriate lock and power bolt & also cover with Weather shed.
23.	Door Closer	Single speed door closer ,Make: Godrej
24.	Main Door Lock	Door Handle With Lock set , Make : Godrej
25.	Internal Door	FRP Doors with Tubular Lock
26.	Bath and Urinal Floor	(1)3mm M.S.Sheet with leak proof side border of 6" height tray type. (2) M.S. net of 2"X2"X3 mm thick square for RCC work. (3) 6 to 8 mm black stone use for concrete. (4) Anti-skid tiles 12"X12" ivory shade. (5)Toilet/Bathroom Fiber molded Door of Size: 24"X78"x30 mm with standard accessories
27.	Plumbing	All sanitary pipes and accessories are of high quality galvanized class "c" steel pipe.PVC rigid pipes will be fixed for waste disposal system.
	Flush Tank	PVC 10 ltr.Capacity top operated
28.	Health Faucet and Tap	Branded
29.	Painting	All components are primed before assembly. All surface are degreased with appropriate solvent.One coat epoxy Grey Primer follow by two coats of Epoxy paints.
30.	Fire Extingusher	2 kg ABC Type with test certificate