

**TECHNICAL SPECIFICATIONS FOR CONSTRUCTION OF
WORKERS QUARTERS OF 4 NOS. OF SIZE (30" X 10" X 8.5") AND
FABRICATED FARM HOUSE CABIN OF 1 NO. OF SIZE (20" X 10" X
8.5"), FOR OFFICE USE AT CENTRE OF EXCELLENCE (COE),
MULUGU, SIDDIPET DISTRICT, HORTICULTURE DEPARTMENT,
TELANGANA**

SI NO	COMPONENT	DESCRIPTION
01	Bottom Frame	100mmx50mm G & C Channel ISI Marked of Make TATA/APOLLO.
02	Top Frame	50mmx50mm MS Square Pipe ISI Marked of Make TATA/APOLLO.
03	Stiffener Bottom	100mmx50mm C channel, 100mmx50mm, 50mmx50mm MS square pipes & Angles ISI Marked of Make TATA/APOLLO.
04	Stiffener Top	50mmx50mm, 50mmx25mm, 25mmx25mm MS square pipe ISI Marked of Make TATA/APOLLO.
05	Side Post	50mmx50mm, 50mmx25mm, MS square pipe ISI Marked of Make TATA/APOLLO.
06	Side Wall Stiffeners	Specially formed CR sheets of thickness 1.2mm of make TATA / JINDAL.
07	Paneling Outside	Specially formed CR sheets of thickness 1.2mm make TATA / JINDAL.
08	Internal Wall Paneling	9mm thick MDF of make GREEN-PLY (GREENPANEL) & all vertically and horizontal corners will be neatly and smoothly Finished with Aluminum sections & L angles.
09	Roof Outside	1.2mm thick sheet of make TATA / JINDAL properly sloped & water tight.
10	False Ceiling	9mm thick MDF of make GREEN-PLY (GREENPANEL) & all vertically and horizontal corners will be neatly and smoothly Finished with Aluminum sections & L angles.
11	Flooring	18mm thick Cemented board of make VISAKA INDUSTRIES will be fixed by means of self-taping screw & 1.5mm thick PVC vinyl Carpet will be fixed on the panel. (100% water, termite & dimensional proof with vinyl Carpet).

SI NO	COMPONENT	DESCRIPTION
12	Aluminum Windows	Double shutter sliding aluminum (JINDAL) powder coated windows of thickness 1.2mm with 4mm thick glass of make Saint Gobain for all windows, safety grills from outside & canopy on the top of windows.
13	Door	The door will be of external opening type made out of the same material as wall panels & canopy above the door. Frame work by tubular pipe of 25 x 25. Door with locks & handles with hydraulic door closer.
14	Insulation	25mm thick glass wool insulation of density 64kg/m ³ on side wall & 50mm on ceiling.
15	Wiring	All wiring will be concealed with PVC insulated copper wires of ISI quality, suitable for 240volt, 50 HZ single phase AC power supply.
16	Electrical Fittings	<ul style="list-style-type: none"> ➤ All electrical fittings in portable cabin shall be 220-240V.AC 50Hz. ➤ LED Tube lights, Bulkhead, Fan, switches & Sockets of ISI MAKE ➤ Split Air conditioner point along with separate MCB.
17	Earthing	Earthing point will be provided for safety.
18	Outside Painting	Phosphatise the cabin and painting with 1 coat of Epoxy primer with 2 coats of Epoxy Paint.
19	Hooks	Specially formed hooks for easy lifting and shifting.