

Directorate General CRPF
Block No. 1 CGO Complex, New Delhi-110003
(Govt. of India/Ministry of Home Affairs)
(Phone / Fax- 011-24360155)
(E-Mail- digprov@crpf.gov.in)

No.T.III-8/2023-DA-1 (Tent)

Dated, the

5th Sep' 2024

To,

The DsG: AR, BSF, CISF, ITBP, NSG, SSB and BPR&D

Subject: QRs/Specification of "Temporary Accommodation Options".

It is to convey that the following 6 Nos. QRs/Specifications in respect of "Temporary Accommodation Options" have been approved by the competent authority:-

- i) Multi Storey Modern Portable Temporary Accommodation
Size 40x20x 19 in feet (G+1)
- ii) Multi Storey Modern Portable Temporary Accommodation
Size 36x18x19 in feet (G+1)
- iii) Multi Storey Modern Portable Temporary Accommodation
Size 40x40x 19 in feet (G+1)
- iv) Multi Storey Modern Portable Temporary Accommodation
Size 72x18x19 in feet (G+1)
- v) Collapsible Container Accommodation (Size 20x10x9) in feet
- vi) Collapsible Rapid Deployable Shelter (5.80x2.50x2.60M)

2. This has the approval of DG, CRPF on 03/09/2024 (empowered vide MHA letter F. No. 11012/02/2009-Fin-I-17 dated 02/01/2018).

Encl: Scanned Copy of above QRs/Spec.


DIG (Prov) Dte, CRPF

No.T.III-8/2023-DA-1 (Tent)

Dated, the

5th Sep' 2024

Copy forwarded to:-

1. SO (IT), North Block-with request to upload the approved QRs/Specification of "Temporary Accommodation Options" on MHA Website (e-mail ID : soit@nic.in).
2. Sh. Paritosh Singhal, ACEO(GeM), and Sh. Abhishek Kakkar, Director - Category Management, Government of India, Ministry of Commerce & Industry, Government e-Marketplace, Jeevan Tara Building, 5-Parliament Street, New Delhi-110001 with request to upload the approved QRs/Specifications of "Temporary Accommodation Options" on GeM Portal.
3. DIG (IT), Dte Genl., CRPF-with request to upload this approved QRs/Specification of "Temporary Accommodation Options" on CRPF Portal and Selo Module.


DIG (Prov) Dte, CRPF

**TECHNICAL SPECIFICATIONS FOR COLLAPSIBLE PORTABLE
CABIN**

Dimensions 20x10x9 Feet

1. The work consists of design, supply, transportation and commissioning of the Lift and Shift Portable Cabins of dimensions (20 x 10 x 9 feet) with all electrical items and fittings. Should be fully knock down to carry.

2. **Design Parameter: -**

- (a) Seismic Zone - Zone V (Seismic Load as per IS 1893- Part 1: 2016)
- (b) Snow load – 1.5 KN on roof
- (c) Wind speed - 55 m/s (As per IS-875 Part 3 - 2015)
- (d) Temperature Range - (-) 10 to (+) 55 degree C
- (e) Roof slope - 1:4 approx as per drg
- (f) Fire Rating : - Fire Retardant
- (g) The product should be fully transportable in knocked down form.

Sl.	Components	Components Technical Description
01	Steel Structure & connections	Structure shall be fabricated of Rectangular Hollow Sections or built up section or specially designed for Columns and Trusses, Cold Form Folded Sections for purlins and runners. The steel structure shall be designed as per IS- 800:2007 and as per wind load conditions applicable for the area mentioned in IS-875 Part 3- 2015. All steel member surfaces will be prepared through wire brush with two coat primer and two coat enamel paint. The Structural framework shall design to withstand wind condition of 55m/s - in Seismic zone V and ambient temperature range (-) 10 degree C to (+) 55 degree C .The structural design shall be vetted by IIT/NIT/GEC and the cost shall be borne by the seller before supply

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ITBP

SSB

02	Wall & Ceiling Cladding	<p>The wall panels shall be made up of 50mm thick composite PUF sandwich between 0.5mm Pre-Painted Galvalume (PPGL) Sheet. The panels shall be made of micro ribbing Pre-Painted Galvalume Iron Sheet on both sides with 50mm thick layer of CFC/HCFC Free PU foam of density of $40\pm 2 \text{ kg/m}^3$ as insulation. The insulated panels will have tongue groove arrangements with Camlock for panel to panel joining. The Pre-Painted Galvalume Iron Sheet shall have minimum 150 gsm of Alu and Zinc coating. The effective cover width of the panel shall be of standard dimensions and length of the panels shall be to suit as per site or as per transportable length.</p> <p>Metal sheet make- TATA/JSW/AMNS</p>
03	Roofing	<p>The secondary roofing sheets shall be constructed of 0.5 mm Pre-Painted Galvalume Steel (PPGL) Sheet in trapezoidal shape. The color of the top side sheet will preferably be (Off white or Olive Green) of 25 microns Regular Modified Polyester (RMP) coating over 5-7 microns Primer on the top side and 7-8 microns of backer coat over the primer on the bottom side of the sheet.</p> <p>Metal sheet make- TATA/JSW/AMNS</p>
04	Flooring	<p>The flooring shall be done using 18 mm HD cement fibre board over the bottom MS framework. And further 2mm Anti-static PVC vinyl sheet shall be provided over the cement board.</p>
05	Insulated Door	<p>Single leaf PUF insulated door of size 1000 x 2100 mm will be provided with specially designed 1.2mm of MS/PPGI frame with swing/overlap leaf of 50mm thickness. The insulated door shall be provided with all necessary fittings will be of SS 304 like, Al-drop, hinges, door handle etc. whichever is applicable as per layout. Canopy should be provided with door (As per directions of buyer.)</p>
06	Windows	<p>The Sliding Window shall be provided with of UPVC framed clear glass sliding window size (1175x900) mm will be provided with aluminium grill. The Canopy (Sunshade),mosquito mesh net will be provided on the outer side of wall. (As per directions of buyer.)</p>


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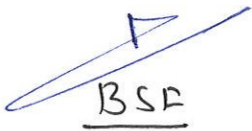

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NSG

07	Flashings & Hardware	The lift-able container shall be provided with 0.5mm thick Base U channel, Inner and outer L flashing, Ridge flashing, cover flashings etc. and silicon sealant, pop rivets, screw, nut and bolts etc. for proper connections. (As per directions of buyer.)		
08	Legs & Hooks	The legs (6mm thickness) shall be properly designed in order to the relevant geographical sites and as per the relevant IS codes. (As per directions of buyer.)		
09	Electrical Items	Electrical item	Qty.	Make & Modal
		Tube Light 22 W (Single)	04	As per relevant IS Standards
		16 Amp. Switch Socket	01	As per relevant IS Standards
		5 Amp. Switch Socket	04	As per relevant IS Standards
		32 Amp(only AC Point)	01	As per relevant IS Standards
		Wall Mounted Fan	04	As per relevant IS Standards
		MCB	01	As per relevant IS Standards
Wiring & cables used shall be of Finolex /Polycab /havells.				


BSE


CTSE


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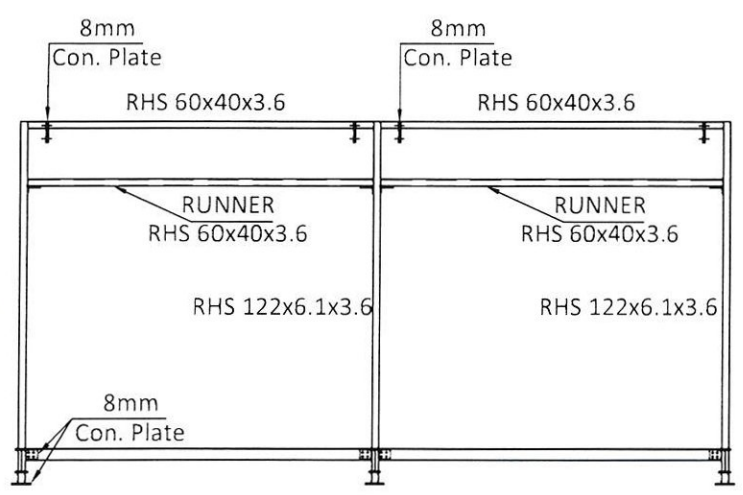

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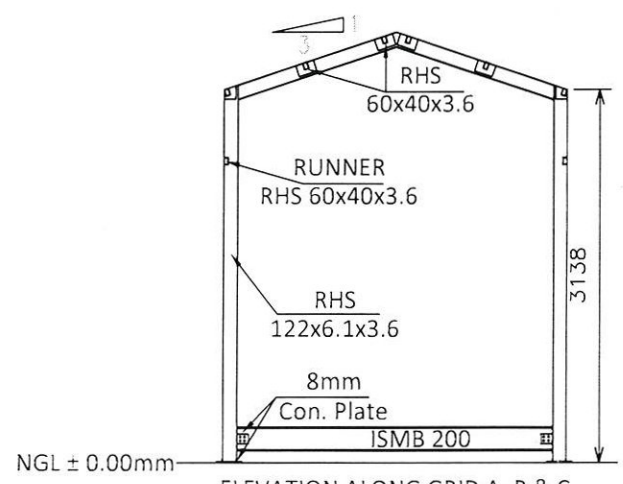
Approved / ~~Not Approved~~


Anish Dayal Singh, IPS
Director General, CRPF

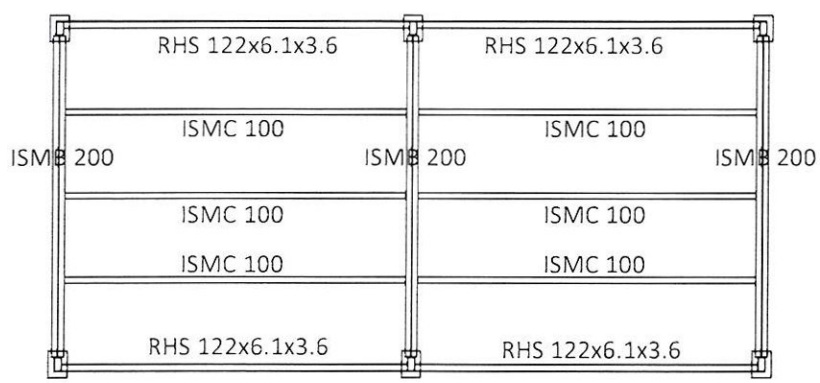
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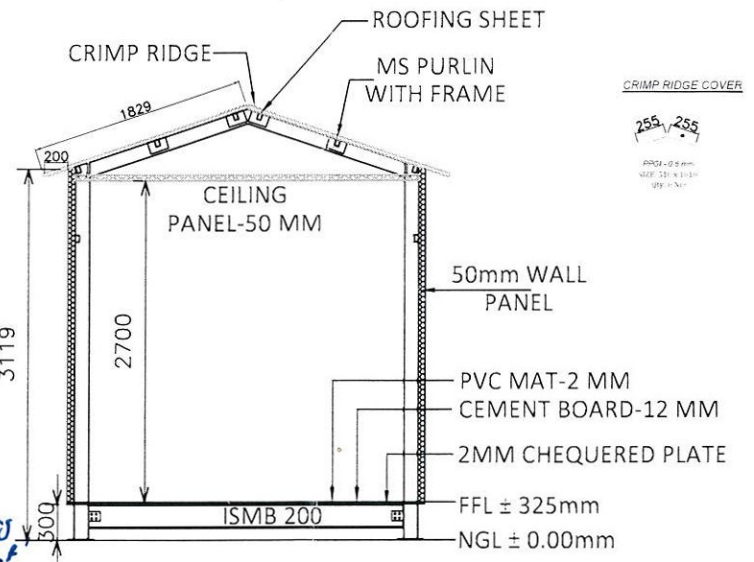
ELEVATION ALONG GRID 1 & 2



ELEVATION ALONG GRID A, B & C



FLOOR PLAN



CROSS SECTION VIEW OF PORTA

SSB

BSF
Kana
RTSP
AJ
ITBP

MSG

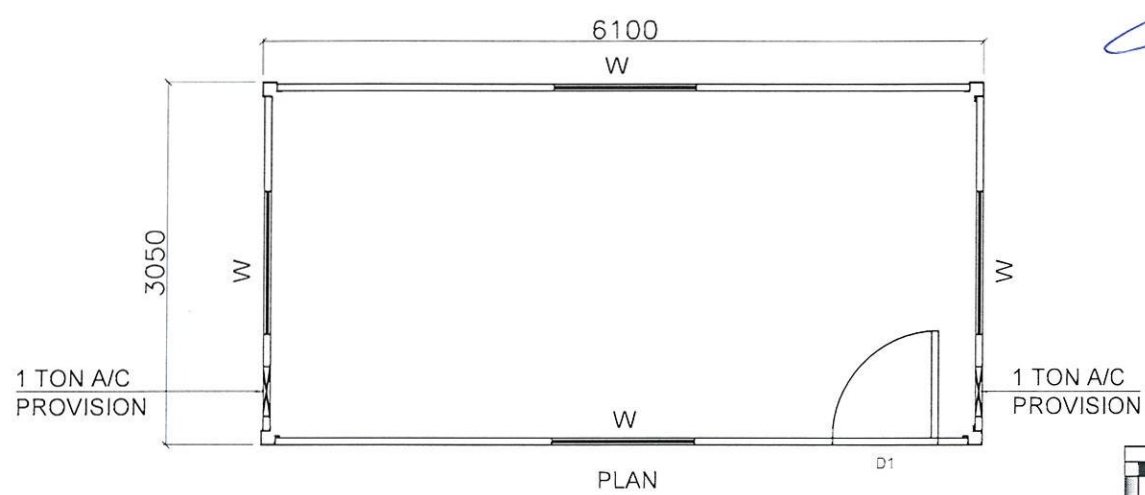
CRP

CRPD

subject to verify
order para 2 of spec
CRPA

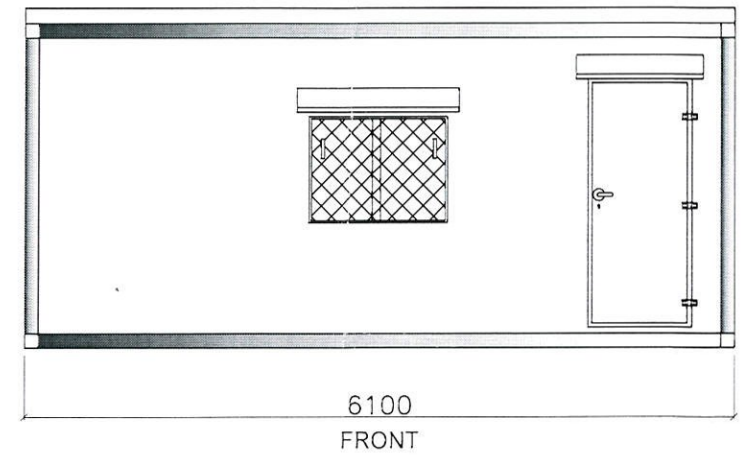
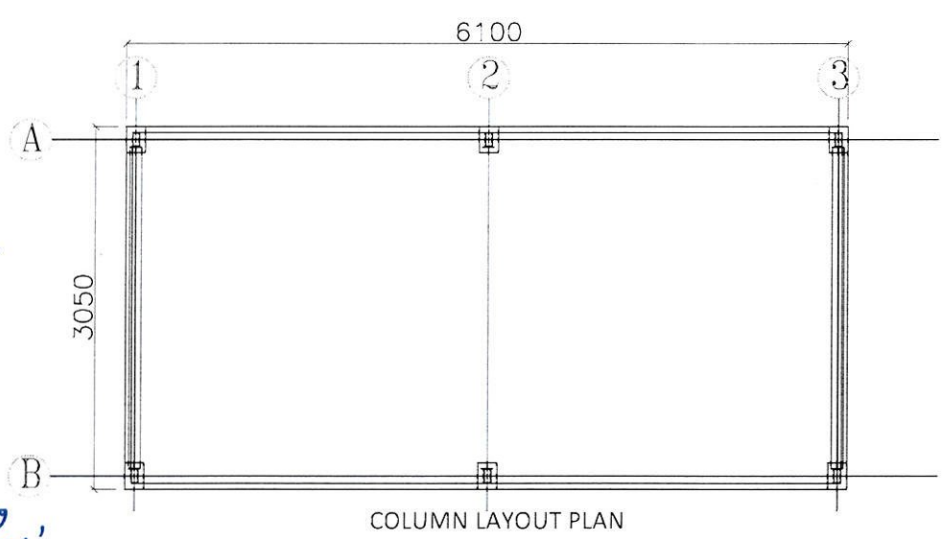
CONTRACTOR	DRAWING NO.	SHEET TITLE	REVISION	DATE
	CPPL/24-25/GA 02	SHELTER SIZE 20'x10'x9' Portable (Lift & Shift Cabins)	NOTE- ALL DIMENSIONS ARE IN MM	11/05/2024
			GOOD FOR FABRICATION	
			DISCRIPTION	

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COLOR OFF WHITE RAL9002 BOTH SIDE

DOOR-D1	900X2100	2 NOS.
WINDOW-W	1200X900	4 NOS.

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'subject to vetting
per Para 2 of ref'
~~CRPP~~

CONTRACTOR	DRAWING NO.	SHEET TITLE	REVISION	DATE
	CPPL/24-25/GA 01	LAYOUT PLAN	NOTE:- ALL DIMENSIONS ARE IN MM	11/06/2024
			GOOD FOR FABRICATION	
			DISCRIPTION	

SHELTER SIZE 20'x10'x9'
Portable (Lift & Shift Cabins)