

DIRECTOR GENERAL BORDER SECURITY FORCE
PROVISIONING DIRECTORATE (MOD CELL)

EXPRESSION OF INTEREST

Commandant (ord)
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The Sub-group of Technical Experts constituted by MHA vide their letter No. IV-24011/12/2011-Prov-I dated 13 Jun 2012, No. IV-24011/12/2011-Prov-I dated 28 Dec 2012 & UO No. IV-24011/12/2011-Prov-I- 350 dated 27 Jun 2013 held its meeting at BSF Headquarters on **30th June 2017** to formulate the Qualitative Requirement of **“Mobile Raised Observation Post”**. After detailed deliberations the referred Sub-group has formulated the QRs/TDs which are as under :-

Draft QRs of Mobile Raised Observation Post

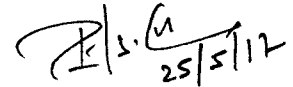
S N	Parameters/Specifications
1.	The Mobile raised observation post proposed shall have two portions i.e. the Cabin and base structure.
2.	The cabin shall be mounted/integrated/fixed upon the base structure and the total unit shall be held to enable the unit move on plain concrete surface or the like wise surface.
3.	The Mobile raised observation post shall have one GI-sandwich panel made (3”~2.8” thick) watch cabin of size 6’X4’X7.5~7’ (H); having double slope roofing (like hut) that would be mounted on MS angle framed ‘base structure’.
4.	The Mobile raised observation post cabin shall have one door, two fixed glass panels (2’X2’) on two walls. One shutter window of size 3’X2’ (for air circulation) shall be fixed at one its wall.
5.	Inside of the Mobile raised observation post shall be provide one 12” wall fixed fan of any standard make, two CFL/LED points for light, one point (Switch+socket) each for 15 AMP and 5 AMP.
	At exterior of the Mobile raised observation post shall provide four CFL/LED points for light on all its four sides. All the CFL/LED light should be able to illuminate 1250 Sq Ft area and compatible solar panel, battery/Inverter be provided for illumination of the aforesaid mentioned area. The details of solar panel is as under :-
	i) Four 18 to 20 watts LED luminous which will cover the each side 1250 sq ft and total area of 6000 sq ft.
	ii) Battery 220 Amp.
	iii) Solar panels of 230 watts 2 Nos.
	iv) 530 watts Inverter.
	All lights will be auto timer switch off/on.
7.	All the control panel shall be provided inside of the Mobile raised observation cabin.



8.	All the electrical arrangements mentioned above will fixed to one main pair of wire which shall be left outside of the Mobile raised observation post cabin that can be attached to the mains to make it operational.
9.	The base structure shall be made of MS angle as per the sketch work mentioning sized and other required specifications (Drawing attached).
10.	The cement board of 30 mm thickness shall be fixed upon the base structure to form the landing platform.
11.	The landing platform shall be a height of 8' from the ground level including the height of base wheels of 6". There should be provision of MS railing on four sides of the cabin for preventing falling and other obvious security-cum-ease reasons.
12.	Ladder : Ladder should be provided in detachable mode, which can be fixed and removed with the mobile observation post as per operational/user requirement.

Note :- All the firms are requested to comment upon the above mentioned QRs and furnish brochure/catalogue of their products from the OEMs.

The Sub-group has decided to upload the QRs on MHA and BSF website for 15 days to invite the views/comments/suggestion of prospective bidders to make the QRs more broad based.



(Rishipal Singh)

Second-In-Command (MOD)