

26, Man Singh Road, Jaisalmer House,  
New Delhi, 24.9.2008

To

The DGs: Assam Rifles/BSF/CISF/CRPF/ITBP/NSG/SSB/BPR&amp;D

Subject:- Amended/Revised QRs of Man Portable Jammer, Cellular Jammer and  
Vehicle Mounted Mobile Jammer

In continuation of this Ministry's letter of even number dated 15.1.2007, regarding finalization of QRs/specifications for communication Equipments, (i) Vehicle Mounted Mobile Jammer (ii) Cellular Jammer, and (iii) Man Portable Jammer, the following amendments/revisions in the said QRs/specifications have been carried out with the approval of the Competent Authority in the MHA at the behest of NSG, who had requested the DG, CRPF, for incorporation of necessary amendment in the approved QRs/Specifications of various types of RCIED jammers:-

S. No	Approved QRs of MHA	Amended/recommended as
<b>MAN PORTABLE JAMMER</b>		
1	Nomenclature: Man Portable Jammer	Portable Jammer
2	Weight: Max 30 Kg including accessories	Not more than 40 Kg
3	Size: Should be easily accommodated in one man portable suitcase	portable
<b>CELLULAR JAMMER</b>		
1	Jamming Range: a) Not less than 100 m radius	Not less than 75 m radius
2	Power out put: To cater for 100 m radius in each band	To cater for 75 m radius
3	Mode of deployment: Man portable and preferably should be capable of being deployed on the move	Portable
4	Weight: 25 kgs or less	Less than 40 Kgs
5	Size: Should be easily accommodated in one man portable suitcase	Portable
<b>VEHICLE MOUNTED MOBILE JAMMER</b>		
1	Jamming Range: a) Not less than 400 m radius	Not less than 75 m radius
2	Power out put: To cater for 400 m radius jamming range in each band	To cater for 75 m radius jamming range

2. Further, (i) QRs of Jammers approved in 2004, will be obsolete and dropped (ii) QRs of jammers approved in 15.1.2007, will remain unchanged, and (iii) QRs of jammers with amendments/revisions as above are for NSG and other departments, who require such jammers.

24/9/08  
(R.S.SHARMA)  
Director(Prov)

Copy to:-DD(Procurement),MHA

Copy for information to:- PS to JS(PM),MHA

2852007  
res  
24/9/08

6

No. IV-17017/109/06-Prov.I  
Government of India  
Ministry of Home Affairs

Jaisalmer House, Man Singh Road,  
New Delhi, 15.1.2007

To  
The DGs: Assam Rifles/BSF/CISF/CRPF/ITBP/NSG/SSB/BPR&D


Subject: - Finalization of QRs/specifications for Communication Equipments.

The QRs of Communication related Equipments which belong to the following four categories have been finalized and accepted by the MHA:-

- (i) Vehicle Mounted Mobile Jammer -List of items at Annexure 'A'
- (ii) Cellular Jammer - List of items at Annexure 'B'
- (iii) Man Portable Jammer - List of items at Annexure 'C'

2. The QRs of all the individual's items mentioned at (Annexure A,B&C) are sent herewith.

3. Henceforth, all the CPMFs should procure the above items required by them strictly as per the laid down QRs/Specifications.

  
(Alok Mukhopadhyay)  
Under Secretary (Prov-I)

Copy to:-

DD(Procurement),MHA

Copy for information to:-

- 1.PS to JS(PM),MHA
2. Dir(Prov), MHA

o/copy

~~16/01/07~~  
16/01/07

OR : VEHICLE MOUNTED MOBILE JAMMER

APPX- (A) 237

(9)

S/NO	Desired Parameters	OR
1	Freq. Range	From 20 Mhz to 2.4 Ghz or more
2	Jamming Range	Not less than 400 M radius.
3	Power output	To cater for 400 M radius jamming range in each band.
4	Communication Windows	Preferably provision for programmable window
5	Power Source	a) Both AC and DC operated :- i) AC Voltage 220 V $\pm$ 10% Frequency 50 Hz $\pm$ 2% ii) DC 12/24V- rechargeable, maintenance free batteries
6	Mode of deployment	Vehicle mounted
7	Antenna	Omnidirectional
8	Weight	Should be such that it does not affect the mobility of the vehicle adversely.
9	Size	Should be easily accommodated in a light veh of SUV category alongwith two operators and a driver.
10	Cooling	Air Cooled
11	System Activation Time	Max 10 mins from time of switching on.
12	Vehicle Platform	Any Indian SUV of TATA/Mahindra & Mahindra make with hard top
13	Operational Temperature	-10 $^{\circ}$ C to +55 $^{\circ}$ C
14	Protection of Humans	Facility for protection of health of personnel working for prolonged periods, within the radiation zone of the Jammer
15	Misc	Repair back up in the country, supply of spares and training be provided.

Kamlesh Deka,  
IGT (Comm), BSF

Brig. M.K. Gupta  
DIG (Comm), NSG

B.B. Jindal,  
DD (Tech), IB

Amarjit Singh,  
DD (W/S), DCPW

S.K. Jindal,  
Scientist F, DRDO

Lt. Col. R.S. Rathore,  
O.C. Bomb Disposal Unit, NSG