



**DIRECTORATE GENERAL, CRPF**  
**EAST BLOCK-7, SECTOR-1, R.K PURAM, NEW DELHI-66**  
**e-mail : [digeqpt@crpf.gov.in](mailto:digeqpt@crpf.gov.in) Tele No. 011-26109038**



No. B.V-7/2025-26-C-(SAT-Phone)-QR CELL

Dated, the 14<sup>th</sup> March 2026

To

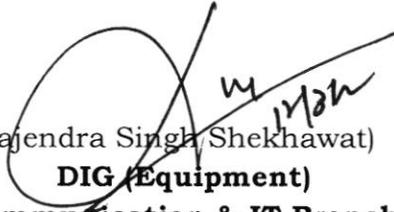
1. The DsG: AR, BSF, CISF, ITBP, NSG, SSB and BPR&D
2. Director, DCPW

**Subject: QRs/TDs OF "HAND-HELD SATELLITE PHONE" REGARDING.**

I am directed to refer to the subject mentioned above and to say that the QRs/TDs of "**Hand-Held Satellite Phone**" have been approved by the DG CRPF after due deliberations and as per recommendations of Sub-Group of Technical Experts from CAPFs and experts from DCPW.

2. Hence, QRs/TDs of "**Hand-Held Satellite Phone**" forwarded earlier vide letter No. IV-21011/11/2012-Prov.I dated 21/11/2012 stand rescinded please.

**Encl:-**As above

  
(Rajendra Singh Shekhawat)  
**DIG (Equipment)**  
**Communication & IT Branch**  
**Directorate General C R P F**

No. B.V-7/2025-26-C-(SAT-Phone)-QR CELL

Dated, the 14<sup>th</sup> March 2026

**Copy to:-**

1. Mr. Deepak Kumar, Technical Director, North block, MHA (e-mail ID: [deepakg@gov.in](mailto:deepakg@gov.in)) with request to upload the QRs/TDs of "Hand-Held Satellite Phone" on MHA website and QRs/TDs of "Hand-Held Satellite Phone" forwarded earlier vide letter No. IV-21011/11/2012-Prov.I dated 21/11/2012 stand rescinded please.

**Encl:-**As above

  
(Rajendra Singh Shekhawat)  
**DIG (Equipment)**  
**Communication & IT Branch**  
**Directorate General C R P F**

**QRs/TDs OF HAND-HELD SATELLITE PHONE**

SNO	PARAMETERS	SPECIFICATIONS	TRIAL DIRECTIVES
1	<b>General</b>		
a	Size	Should be less than- Length :7-inch, Width 2.5 Inch, Depth: 2.0 inch	Board will check practically
b	Weight	Less than 325 Grams including battery	Board will check practically
c	Water and Dust ingress protection	IP 65 or better	Firm will provide Govt Lab /NABL accredited/ILAC lab certificate
d	Antenna characteristics	0° to 90° in elevation Omni-Directional in Azimuth	Board will check practically
e	Operating temp range	-20°C to +55 °C	Firm will provide Govt Lab /NABL accredited/ILAC lab certificate
	Storage temp Range	-20°C to +70 °C	Firm will provide Govt Lab /NABL accredited/ILAC lab certificate
g	Charging temp range	0°C to +45°C	Firm will provide Govt Lab /NABL accredited/ILAC lab certificate
h	Humidity Tolerance	95% non-condensing@ 40 C°	Firm will provide Govt Lab /NABL accredited/ILAC lab certificate
2	<b>Services</b>		
a	Voice capability	Voice-2.4 kbps or better	Firm will provide OEM Certificate
b	Supplementary voice services	Call history, Caller ID, Call waiting, Call divert, Call holding, Conferencing, Call barring, Speed dialing, Fixed number dialing	Board will check practically
c	Messaging Services	160-character text -to-text and text -to-mail or better	Board will check practically
d	Operational Time	The satellite phone should be fully operational within 3 minutes.	Board will check practically and Firm will provide OEM Certificate
e	Area of operation	The satellite phone should be able to operate in entire Indian territory round the clock including hilly, rough terrain, thick forest and all high-altitude areas.	Firm will provide OEM certificate

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SNO	PARAMETERS	SPECIFICATIONS	TRIAL DIRECTIVES
g	Interface	1. Micro USB/ USB Type C 2. Audio interface 3. Antenna Port 4. Blue tooth	Board will check practically
h	Display	Minimum 1.8-inch size, High Visibility color screen	Board will check practically
i	GPS Features	Should view current position and able to send as text/email to others	Board will check practically
<b>3</b>	<b>Battery</b>		
	Type  Talk Time Stand By Time	Lithium-Ion or better technology  More than 6 hours More than 150 hours  BMS Should note be programmed to restrict use of battery after completion of life cycle.	Board will check practically and firm will provide certificate
<b>4</b>	<b>Others Features:</b>		
a	Features	Minimum features: -Tracking, assistance button, eCompass for enhance pointing, alarm, Microphone muting, Integrated speakerphone, two-way SMS and short email, Selectable ring and alert tones	Board will check practically
b	O/S compatibility	Windows 10/ equivalent version or higher	Board will check practically and firm will provide OEM certificate in this regard
c	Security	At the keypad, Phone, SIM and network level	Board will check practically
<b>5</b>	<b>Connectivity</b>	During tendering the vendors will specify how they are going to provide Satellite communication service. They will also specify terms and conditions and vendors will have to provide end to end connectivity	Firm will provide certificate

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SNO	PARAMETERS	SPECIFICATIONS	TRIAL DIRECTIVES
6	<b>Accessories (As per user requirement)</b>	-One spare battery as operational reserve - Mains universal AC charger -Car charger 10-30 volt -PC/power bank charger micro USB/type -C cable -Wired hands-free headset -Quick start Guide, Support CD -Custom made Pelican Cases - Carry case, wrist strap -Bluetooth headset/mic -Light weight Solar charger of appropriate power output to charge the battery within 4 to 5 hours - Docking Unit	Board will check practically

Vikas

W/O Vikas Godara  
Assam Rifles

Manish

AC-II Manish Kumar  
NSG

Satish

Satish Kumar Mahla, AC  
SSB

Manas

Manas Kumar Dey, AC  
CISF

Ujjwal

Ujjwal Kumar Singh  
AC(QRs), CRPF

Sunil

Sunil Kumar, AD  
DCPW

Binay

Binay Kumar, AD  
BPR&D

Praveen

Praveen Singh Rawat, DC  
BSF

Rajendra

Rajendra Singh Shekhawat  
DIG(Comn/Eqpt), CRPF

Vijay

Vijay Kumar  
IG (Comn& IT), CRPF

Zaki

Zaki Ahmad  
SDG (ADM), CRPF

✓  
Approved/Not Approved

Gyanendra

Gyanendra Pratap Singh, IPS  
DG, CRPF