

F. No. IV-21011/11/2012-Prov.I
Bharat Sarkar/Government of India
Griha Mantralaya/Ministry of Home Affairs
PM Division/Prov. I Desk

26, Man Singh Road, Jaisalmer House
New Delhi, Dated : 21/11/2012

To,

DsG : AR (through LOAR), BSF, CISF, CRPF, ITBP, SSB, NSG & BPR&D.

Subject : QRs for Hand Held Satellite Phone

The QRs for Hand Held Satellite Phone as per Annexure have been accepted by the Competent Authority in MHA

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

Encl: As above

Yours faithfully,



(S. B. Nanda)

Under Secretary to the Govt. of India
Tel : 23381278

*Distt. n. H/A 1417 Prov-I
26/11/2012*

Copy forwarded for necessary action to :-

- (i) Director, NIC, MHA : It is requested to host the QRs (soft copy attached) on the MHA website (under the page of Organisational Set up-Police Modernisation Division- Qualitative Requirements)

R.K.
21/11/12

(Ritesh Kumar)

Section Officer (Prov.II)

Copy to : Director (Procurement), MHA.
Copy for information to : PS to JS (PM)

O/C

QRs/SPECIFICATION FOR HAND HELD SATELLITE PHONE

Sl No.	Parameter's	Specification
1	General	
	Size	Should be Less than - Length :7 Inch, Width 2.5 Inch, Depth: 2.0 Inch
	Weight	Less than 300 Grams including battery
	Water and Dust ingress protection	IP54 or better
	Antenna characteristics	0° to 90° in elevation Omni- Directional in Azimuth.
	Operating temp range	-20°C to +55°C
	Storage temp range	-20°C to +70°C
	Charging temp range	0°C to +45°C
	Humidity Tolerance	95% non-condensing @ 40°C
2	Services	
	Voice capability	Voice - 2.4kbps or better
	Supplementary voice services	Call history, Caller ID, Call waiting, Call divert, Call holding, Conferencing, Call barring, Speed dialing, Fixed number dialing.
	Messaging Services	160 character text-to-text and text-to-email or better
	Operational Time	The satellite phone should be fully operational within 8- 10 minutes
	Area of operation	The satellite phone should be able to operate in entire Indian territory.
	Altitude	The Equipment should be able to operate satisfactorily in hilly, rough terrain, thick forest and high altitude area up to an altitude of 5000M
	Interfaces	i) Micro USB ii) Audio Socket iii) Antenna Port iv) Blue tooth
	Display	High visibility color screen
	GPS Features	Should view current position and able to send as text/email to others
3	Battery • Type • Talk Time • Stand By Time	<ul style="list-style-type: none"> • Lithium-Ion or other compatible brand • More than 6 Hours • More than 70 Hours
4	Others Features :	
	Features	Facility of Calendar, Alarm, Calculator, Microphone Muting
	O/S compatibility	With MS Outlook 2007 (PC) or higher Windows XP ProSP3 & Windows Vista SP1 or higher
	Security	At the keypad, Phone, SIM and network level
5	Connectivity	During tendering the vendors will specify how they are going to provide Satellite communication service. They will also specify terms and condition and vendors will have to provide end to end connectivity.

Contd. P/2

[Handwritten signature]

6	Accessories	<ul style="list-style-type: none"> • One spare Lithium-ion battery as operational reserve • Mains universal AC charger • Car charger 10-30 Volt • PC charger - micro USB cable • Wired hands free headset (Optional) • Quick start Guide, Support CD • Custom made Pelican Cases • Carry case, wrist strap • Bluetooth headset/mic (Optional) • Light Weight Solar charger of appropriate power output to charge the battery within 4 to 5 hours. (Optional) • Docking Unit (Optional)
7	<p>Term & Conditions :-</p> <ul style="list-style-type: none"> i) Firm should impart training to indenter technical personnel in maintenance, operation and repairing of the set at the supplier service center or consignee location free of cost after procurement. ii) Vendor to indicate the service centers across India for repairing of equipment after sale warranty support. iii) Supplier should provide after sales support, supply of spares for at least 7 years after warranty period. iv) Supplier should provide a certificate from the manufacturer that the measurement of the equipment is made in accordance with regulatory authority. v) The firm should enclose DOT/ WPC license for supplying equipment in India. vi) At least 2 no. sets for 15 days to be provided for field trial on "No Cost No Commitments" basis to ascertain the user's satisfaction before the proposal is accepted. vii) All the technical features will be shown during the trials. viii) The supplier shall provide a comprehensive warranty for a period of 12 months. ix) All equipment shall be supplied with their standard OEM battery packs & charger. 	

(Signature)
 (Sohrab Ansari)
SI/E, CISF

(Signature)
 (D.P. Mishra)
P. S.O, BPR&D

(Signature)
 (Ravindra Kumar)
SC (Eqpt), NSG

(Signature)
 (Virendra Agrawal)
DIG (Eqpt), CRPF

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 (R.K. Vishwakarma, IPS)
IG (Comn), CRPF

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 (M.S. Yadav)
AC (Tech), CRPF

(Signature)
 (Amit Kumar Gupta)
DC (T/OPS), ITBB

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 (S.K. Singh)
Comdt(Eqpt), BSF

(Signature)
 (Mahesh Kumar)
DIG (Comn), CRPF

Approved/Not Approved

(Signature)
DG, CRPF