

No.IV-17017/48/2002-Prov.I
Ministry of Home Affairs
Prov.I

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New Delhi the 16th August, 2005

To

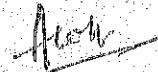
The DGs: Assam Rifles/BSF/CISF/CRPF/ITBP/NSG/SSB/BPR&D.

Subject: Finalization of QRs/Specifications of Surveillance/Communications Equipments

Reference is invited to this Ministry's letter of even number dated 27-4-2005 forwarding QRs of UHF Mobile/Static/Repeater Radio Sets, UHF Hand Held Radio Set, Satellite Phones and Satellite Terminal. The concerned sub-Group for finalisation of QRs has since revised the QRs of Satellite Terminals which has been accepted by MHA. The revised QRs for Satellite Terminals is sent herewith.

2. Henceforth, all the CPMFs should procure the above item required by them to meet their operational needs strictly as per the laid down QRs/specifications.

Yours faithfully,



(Alok Mukhopadhyay)
Under Secretary(Prov.I)
Tele. No.23381278

Copy to : DD(Procurement), MHA

Copy for information to:

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

QUALITATIVE REQUIREMENT : SATLLITE TERMINAL

(a) General Characteristics :

- (i) Weight : 3 Kg or less incl bty
- (ii) Operating conditions : Temperature: -20°C to +50°C
Humidity: upto 95% at 40°C

(b) Technical Characteristics :

- (i) Voice : Operating speed - 2.4 Kbps or more
- (ii) Data : Operating speed - 2.4Kbps or better
- (iii) Fax : Operating speed- 2.4Kbps or better
- (iv) Each fully charged bty should be able to provide at least 2 hrs talk time or 36 hrs as standby.
- (v) Should be capable of being operated both on AC & DC.
 - (aa) AC power source - Standard commercial mains or generated power of similar rating.
 - (ab) DC power source - External - 10 to 32 V
Internal bty - Rechargeable Ni-Cd/
Lithium/Ni-MH bty of appropriate voltage.
 - (ac) Bty Charger - Suitable AC operated bty Charger.
- (vi) Should have a LCD display panel
- (vii) Should have data connector,
- (viii) Type of antenna- In built / folded.
- (ix) Terminal Support : Hands free voice Communication and menu-driven operator Interface shall also be possible.
- (x) Memory Capacity: 50 numbers min in phone.
- (xi) The system shall be self contained with all the cable, connectors, accessories etc.
- (xii) Ports: 2 external RJ 11 ports for fax and external telephone separately.

(c) Connectivity : During tendering the vendors will specify how they are going to provide satellite comm service. They will also specify terms and conditions. The vendors will have to ensure end to end connectivity.

License : Satellite Terminal supplier must have license from Min of Comm, Govt of India for its operation in Indian territory.

(e) Misc:

- (i) User's manual shall be provided.
- (ii) Regional Service Centre for repair and maintenance of equipment should be in India (proper documentary proof shall be attached).

(KAMLESH DEKHA)
IGP (COMN), BSF

(B.S. SANDHU)
DIG (COMN), NSG

(R. N. KULKARNI)
SCIENTIST 'E' DRDO

(B.B. LAL)
DD (Tech), IB HQ.

(K.C. AGNIHOTRI)
DD (Eqpt) DCPW

(SANJEET KUMAR)
DD (QA), DGS&D