

No. IV-21011/40/2009-Prov-I
Government of India
Ministry of Home Affairs

26, Man Singh Road, Jaisalmer House,
New Delhi, 21.10.2009

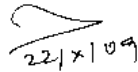
To

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

Subject:- QRs/Technical Specifications for the Finger Print Reader -regarding

The QRs/Technical Specifications for the Finger Print Reader, as per Annexure, have been accepted and approved by the Competent Authority in MHA.

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


(R.S.Sharma)
Director (Prov)

Copy to:-

DD(Procurement),MHA

Copy for information to:-


PS to JS(PM),MHA

Annexure


Technical Specifications of Finger Print Reader-

1.	Sensor type- Optical
2.	Resolution – 500 dpi or better
3.	Configurable modes- 1:1 for verification & 1:N for identification
4.	Identification time – 1 second or less for up to 5000 users/templates
5.	Template & enrolment should be stored on the reader.
6.	Access should be password protected & with multiple user facility each protected by different password.
7.	Network Communication via TCP/IP
8.	Template capacity – 10,000 or more
9.	Active area of sensor should be enough to accommodate any of the fingers.
10.	Minimum two inputs and two output relays.
11.	Operational mode- Finger print.
12.	It should have LCD display.
13.	It should be suitable for standalone as well as network operation.
14.	Operating temperature - 0 deg C to 50 deg C.
15.	Humidity- up to 90% RH
16.	Power- up to 12 VDC
17.	Battery backup- Minimum 4 hrs.
18.	Dimensions- 200 mm x 200 mm x100 mm (WxHxD) maximum
19.	It should be CE certified.
20.	It should be capable to enroll more than one finger.
21.	Group wise allocation of finger print templates should be possible.
22.	It should have key pad for data entry.


(R.C.Semwal) 15/10/19
AD/Tech, IB


(R.C.Chilkoti)
DIG, BSF, STS,


(Nitin Agrawal IPS)
DIG/Tech


(N. R. Das IPS)
DG, CISF