



Part - E

Minimum / Proposed Technical Requirement

&

Scope Of Work

For

Implementation, Delivery and Support

of

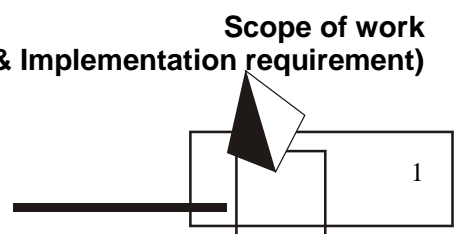
Personnel Digital Assistant

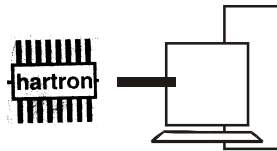
(Handheld Mobile Biometric Identification Device)

For

State Crime Record Bureau Haryana

**Scope of work
(Technical & Implementation requirement)**

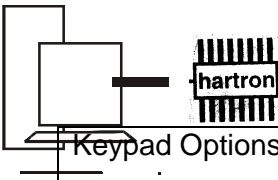




**Technical Requirement
of
Personnel Digital Assistant /
Handheld Mobile Biometric Identification Device**

S#	Item Details	Quantity
1	Handheld Mobile Biometric Identification Device Or Personnel Digital Assistant with Facility of Biometric Identification through 2G/3G & GPRS	50 nos.

Desired Features of Handheld Mobile Biometric Identification Device	
Detailed	Specifications
CPU	Intel XScale 624 MHz Processor or higher
Operating System	Microsoft Windows Mobile 6.5 Professional or higher
Memory	Minimum on Board Memory – 256 MB RAM and 512MB ROM or higher
Main Battery	Rechargeable Lithium Ion 3.7V, Minimum 1900 mAh Smart Battery
Ext. Cap. Battery	(Optional, as per requirement) 3.7V, 4800 mAh Smart Battery
Display	Color Minimum 3.5" full VGA touch screen with backlight
Backlight	LED backlight
Touch Panel	Glass analog resistive touch
Interface	RS-232, USB 2.0 or higher
Dimensions	small in size
Weight	less than 500 gms (including standard battery)
Others Features Support	Bluetooth, Wi-Fi / WLAN, Java, GPS, Full Support of 2G (GSM 850 / 900 / 1800 / 1900) and Full Support of 3G
Messaging	SMS/MSN/MMS/E-Mail/Push E-Mail
Memory Card	Minimum 2GB or higher
Camera	Minimum 3.2 MP or higher
Network Connections	Ethernet, USB
Notification	Via Vibrator / LED or Both with sound

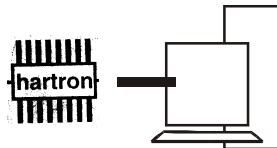


Keypad Options	26 Numeric; 44 QWERTY
Inbuilt	GPS (Global Position System)
Integrated data capture options	1D or 2D scanning
Antenna	Internal Antenna
Audio	Speaker, receiver, microphone, headset jack, support for full duplex record and playback
Software Support	Document, Spread Sheet, PowerPoint, PDF file viewer, Mapping navigation with layers.
Fingerprint Sensor	
FP Scanner	Suitable Rugged FP Scanner
FP Sensor	FIPS 201 certified, Minimum 500 DPI 0.7 in. x 0.5 in
Wireless LAN Data and Voice Communications	
3G (GSM) / 2G (GSM) / GPRS	
WLAN Radio	IEEE 802.11a/b/g
Data Rates Supported	from 1 Mbps to 54 Mbps
Security	WPA2, WEP (128 bit), AES, LEAP, CHAP, CHAPv1, CHAPv2
Voice Communication	Integrated VoIP Ready
Antenna	Internal for LAN, External for WAN
Sealing	IP54
Drop Specification:	5 ft. drop to concrete, 2 drops per 6 sides at ambient temperature 73° F/23° C; 4 ft. drop to concrete, 6 drops per 6 sides over operating temperature range
Tumble Specification:	1,000 1.6 ft./5 m tumbles (2,000 drops)
Accessories	Rugged carrying case with belt clip and with all required connecting cable and vehicle charger and existing Screen protector along with an additional one.

Quality check & others controls:

- i) Compliance of desired hardware & software requirement.
- ii) The system should be portable enough to carry in field operations.
- iii) No external Power Supply should be required to operate in field operation.
- iv) Should be fully in compliance with the proposed AFIS system
- v) Image resolution minimum 500 dpi in all aspects of capture.

Note – Bidders must provide compliance details along with technical bid.



Format for Price Bid (Inclusive of all taxes & duties, FOR destination & 3 years onsite support) –

S#	Item	Qty	Make & Model	(Rs.) Unit Price	(Rs.) Amount	Total AMC Amount (Per year)
1	Biometric based handheld mobile device	50				

Note - In case any bidder wishes to propose higher specifications of Hardware / System software, additional price along with details may be mentioned separately in Technical as well as commercial Bids with proper justifications. However, final decision will be taken by Technical Committee for the additional higher specifications beyond the scope of this RFP.