



**GOVERNMENT OF ARUNACHAL PRADESH
OFFICE OF THE DIRECTOR GENERAL OF POLICE
POLICE HEADQUARTERS: ITANAGAR**

NO.PHQ (PROV)- 17/2025-26

Dated Itanagar, the 03rd October, 2025.

TENDER NOTICE – CUM – TERMS AND CONDITIONS

On behalf of the Governor of Arunachal Pradesh, the Director General of Police, Arunachal Pradesh invites Sealed Tender under two-bid system (Technical Bid & Financial Bid) from manufacturers, authorized agents, dealers, or suppliers of reputed firms for entering into a contract for the supply & installation of Hardware and Accessories for Arunachal Pradesh Police under ICJS (Inter-operable Criminal Justice System), State Action Plan 2.0 during the year 2025-26. For details please visit our website-www. arunpol.nic.in.

1. Description of items to be procured / Approx. Cost of tender / Earnest money required etc.:

SL No	Description of items to be procured	Approx. Cost of tender	Earnest money required	Tender Fee (Non-refundable)
1.	Supply & installation of Hardware and Accessories for Arunachal Pradesh Police under ICJS (Inter-operable Criminal Justice System), State Action Plan 2.0 during the year 2025-26. (items details along with specifications attached at Annexure- "A")	Rs. 6,61,24,000/- Note: Subjected to the availability of fund release by the MHA, GoI.	Rs. 13,23,000/-	Rs. 1,000/- Note: To be deposited through egras Portal of Govt. of Arunachal Pradesh in favour of AIGP (E), PHQ, Itanagar.

2. Critical date sheet:

Sl.	Particulars	Date	Time
1	Date of publication of Tender	04/10/2025	
2	Bid submission start date	From the date of publication onward	
3	Bid submission end date	28/10/2025	1100 hrs
4	Submission of Tender fees (cost of tender documents)	Tenderers who wish to obtain tender document from PHQ, Itanagar, must submit a copy of challan paid through the eGras Portal of Govt. of Arunachal Pradesh in favour of AIGP(E), PHQ, Itanagar.	
5	Date of Technical bid opening	28/10/2025	1130 hrs

3. The Tender documents must be provided in two (02) covers:

4. Cover-1 (Technical BID): It shall contain scanned copies of eligibility information as under:

- (a) Technical bid along with its specifications leaflet, brochure, catalogue / literature, if any, of each tendered item.
- (b) Tender documents duly completed and signed but without any indication of the rates "Quoted".
- (c) Earnest Money must be attached in the form of TDR / FDR / Demand Draft / NSC / KVP etc. from Nationalized Bank / Post offices duly pledged in favour of Asstt. Inspector General of Police (E), PHQ, Itanagar. The firms registered under MSME are exempted for earnest money "Bidders are required to submit a copy of the MSME registration certificate pertaining to the tendered items."
- (d) Attested copy of PAN.
- (e) Attested copy of firm registration.
- (f) Attested copy of firm GST Registration.
- (g) Valid Trading license issued by competent authority for the tendered items.
- (h) Current and valid Certificate/ Letter of authority from the Original Manufacturer.
- (i) Latest Financially soundness certificate / Bank Solvency Certificate.
- (j) Undertaking letter about non-blacklisting of the firm.
- (k) Any other relevant document which the firm wishes to submit.
- (l) All the tender papers must be serialized / numbered, and an index / checklist must be submitted at the beginning of the tender papers indicating the pages of the relevant documents. Tenders without index / checklist shall be summarily rejected.
- (m) Technical compliance statement should be enclosed along with the technical bid, clearly specifying and deviation, if any for all specifications mentioned in the tender.
- (n) 10 (Ten) years service and spare parts support after the warranty period should be provided on a payment basis. In this regard, an undertaking must be submitted by the participating firms.

5. Cover-2 (Financial BID): It shall contain documents on "Financial Bid". Financial bid shall be opened only of those bidders who have been declared technically qualified by the technical committee. The date of opening of "Financial Bid" will be intimated to the firms which will be found qualified in technical compliance statement in due course of time.

GENERAL INSTRUCTIONS:

- 1. The tenders received after scheduled date & time will not be entertained. The tenderers or their representative may remain present at the time of opening of tenders.


2. Rates must be clearly written in figures as well as in words, showing GST Separately.
3. There should be no cutting or overwriting.
4. The Tenderer / Firm who fails to fulfill the eligibility conditions will be summarily rejected.
5. The Tenderer must clearly mention the origin/ manufacture of the equipment being supplied. In line with Government of India Policies order. Imported items should be declared and categorized appropriately.
6. Import Clearance Responsibilities related to customs clearance, import duties, logistics, and inland transportation shall be borne by the Indian distributor/ dealer.
7. The offered equipment and all related components must comply with relevant Indian statutory, safety and environmental regulations.
8. Firms must submit all documents (as mentioned in cover-1) including the EMD, cost of Tender Documents, to the office of Assistant Inspector General of Police (E), Police Head Quarters, Itanagar, Arunachal Pradesh on or before **28/10/2025 at 1100 hrs.**
9. In case tender opening day is declared as holiday or bandh call at Itanagar, the tenders shall be received up to next working day till 1100 hrs., and opened on the same day at 1130 hrs.:
 - a) The bidders should keep checking the website for any addendum / corrigendum to the Notice / Bidding documents till the date of submission of bids and the bidder should incorporate the same in his bid documents.
 - b) Conditional bids and the bids not meeting the qualifying criteria on the date of receipt of bids shall be summarily rejected.
 - c) Bids will be opened as per time & schedule mentioned.
 - d) Before submission of bids, bidders must ensure that scanned copies of all necessary documents have been attached with bid.
 - e) The department will not be responsible for delay in submission due to any reason(s).
 - f) All the required information for the bid must be filled and submitted.
 - g) The details of EMD and other documents specified in the tender documents should be same as submitted (scanned copies), otherwise tender will be summarily rejected.
 - h) **Conditions:** The goal of Supply & installation of Hardware and Accessories for Arunachal Pradesh Police under ICJS (Inter-operable Criminal Justice System), State Action Plan 2.0 during the year 2025-26 is to achieve full production operations within 16 weeks after contract award or as soon as technical feasible.
 - i) If the tenderer who fails to supply the material/ perform the task assigned to him in the purchase order, within the period prescribed for such delivery specified above, the AIGP (E), or other competent authority, shall be entitled at his discretion to the actions as under:
 - j) Graded liquidated damages for delay in the delivery of all or any good or performance of services will be liable for as under:
 - (i) For first 30 days @ 1% of the value of the goods.
 - (ii) For next 60 days @2% of the value of the goods.
 - (iii) For delay above 2 month/ over & up to 4 months @4% of the value of the goods.
 - (iv) Beyond 4 months and up to 6 months @5% of the value of the goods & on expiry of 6 months the contract would automatically get nullified and Security Money Deposit would be forfeited.

10. The tender papers containing full details with specifications and terms and conditions can be obtained from Dy. Superintendent of Police (Provisioning), PHQ Itanagar, on showing of Payment receipt of Rs. 1,000/- (Non-refundable) in favour of the Asstt. Inspector General of Police (E), PHQ, Itanagar, Arunachal Pradesh paid through egras Portal of Govt. of Arunachal Pradesh on any working day from 0930 hrs. to 1600 hrs w.e.f. **06/10/2025 to 27/10/2025**. The tender documents may also be downloaded from our website. The tenderers downloading the documents from website are also required to submit a copy of challan of Rs. 1,000/- as tender fees in favour of the Asstt. Inspector General of Police (E), PHQ, Itanagar, Arunachal Pradesh paid through egras Portal of Govt. of Arunachal Pradesh. No other mode of payment will be accepted.
11. The technical information provided with the references must demonstrate or support the capability of the proposed technology to satisfy the identification functionality and performance requirements of this solicitation tender.
12. Successful tenderers will be required to deposit 5% of the total value of the articles to be supplied as security money within 10 days from the date of issue of letter of acceptance of tender. The successful tenders will have to enter into a "DEED OF AGREEMENT" stipulating the Terms and Conditions of the contract.
13. Non fulfillment of any or all the Terms & Conditions of Contract, performance security deposit and EMD of the successful tenderer will be forfeiture and supply order issued to the firm shall be cancelled.
14. Rates must be quoted F.O.R Central Store, PHQ, Itanagar (A.P) and rates quoted other than F.O.R Central Store, PHQ, Itanagar (A.P) shall not be accepted. However, the successful bidder must be prepared to deliver and install the required items at any location across Arunachal Pradesh. No additional charges for packing, forwarding or handling will be entertained. The rate of GST (as applicable) may be charged/quoted by the tenderers and the amount be clearly mentioned for all items. The rate should be quoted in Indian currency both in figure and words clearly. Tenders must be legible and clear in all respects else the tenders shall be liable to be rejected.
15. Tenders should be addressed to the undersigned by designation and not by name. The separate sealed envelope containing all the tender documents (i.e. two separate Covers (i) Technical Bids and (ii) Financial Bid) should be subscribed as "Tender for supply& installation of Hardware and Accessories for Arunachal Pradesh Police under ICJS (Inter-operable Criminal Justice System), State Action Plan 2.0 during the year 2025-26, and sent by Registered Post / Speed Post / Courier Service or put in the Tender Box kept in the office of the undersigned (Provisioning Branch) on any working day from 0930 hrs.to 1600 hours. ***The tenders received after scheduled date & timew ill not be entertained.***
16. Any breakage or loss of items will be at the supplier's risk.
17. Delivery of the stores will have to be completed within 120 days from the date of issue of supply order. In case of failure to supply the items in time, violation of any provision of Deed of Agreement, the firm is liable to be blacklisted.
18. If any item is found damaged or otherwise unacceptable at the time of delivery/ inspection, the supplier will be required to remove the same from Central Store, PHQ, Itanagar, Arunachal Pradesh at their own cost within 15 days. The demonstration of the items shall be conducted at the time of acceptance by the Board of Officers. The items not found as per specifications shall be rejected.

19. Payment will be made to the supplier directly on completion of supplies / installation and after acceptance / inspection by the Govt. constituted Board, as per the "Just-in-Time" manner / rule MHA, GoI.
20. The Director General of Police, Arunachal Pradesh, Itanagar reserves the right to reject the lowest or all or any of the tenders without assigning any reason thereof.
21. The Director General of Police of Arunachal Pradesh, Itanagar shall have the right to ask the firms to demonstrate their items before the items are accepted.
22. List of equipments/items with description & specification is enclosed at Annexure- "A". The quantities mentioned in the enclosure are all approximation and subject to variation as per actual availability of funds.
23. Tenders will remain valid up to **31-03-2026**.
24. All items to be supplied shall be under warranty as mentioned in Annexure- "A" against each items/ equipments from the date of acceptance.
25. In case of any dispute, the legal jurisdiction will be at Itanagar, Arunachal Pradesh.
26. In case of any query, the tenderers may contact at following phone no./mail ID:

Officers	Telephone	E-mail ID
I/C Computer Cell, PHQ, Itanagar	84149-74340 (Mobile)	arpolice@rediffmail.com
Sub-Inspector (Prov), PHQ, Itanagar	81190-91663 (Mobile)	arpolice@rediffmail.com

Note: In view of the Govt. policy of "Vocal for Local" and "AtmaNirbhar Bharat" to encourage local entrepreneurs vide No. FIN/E-30/2017/675 dated 19/08/2020, the firm registered within Arunachal Pradesh can only participate in the tender process.


Asstt. Inspector General of Police (E)
Police Head Quarters, Itanagar
Arunachal Pradesh

Asstt. Inspector General of Police (E)
Police Head Quarters, Itanagar
Arunachal Pradesh

List of Hardware and Accessories with Specifications for ICJS 2.0 State Action Plan along with Quantity Required

SL No.	Name of Item	Specification			Quantity
1.	Desktop with UPS	1	Monitor	Approx. 27" with Antiglare and LED backlight. Aspect Ratio of 16:9, 1000:1 (Brightness) or equivalent/higher Resolution Full HD (1920x1080) or higher, Built in speaker.	324 Nos
		2	CPU	Intel Core i7 Processor of latest generation during time of procurement or equivalent or higher.	
		3	Memory	Minimum 32 GB DDR5 RAM expandable up to 128 GB.	
		4	Mother Board	OEM logo should be embossed on the mother board (Sticker is not acceptable). System should be able to support OS - 64 bit, or higher with support for Graphic Card.	
		5	Processor Thermal Design Power (TDP)	Processor Base Power 35 W-65W Maximum Turbo Power 106 W- 219W)	
		6	Hard Disk Drive	OS Drive- 512 GB PCIe® NVMe™ TLC M.2 SSD or higher. Other drive - 1 TB SSD	
		7	Network Facility	100/1000 Mbps integrated Ethernet card with remote booting facility, remote system installation, remote wake up compatible.	
		8	Wireless Connectivity	Wi-fi 6 or higher	
		9	Ports	Front 2 USB 3.0 or better 1 USB Type C Port 1 CD/ DVD RW/ CD-DVD RW+ 1 Audio in/out Rear 2 USB 3.0 or better 2 Ethernet Ports 2 USB 2.0 or better	
		10	Keyboard	104 Keys Mechanical (Windows & Linux Compatible) with Rupee symbol on keyboard. Should have 50 Million characters keystroke life.	
		11	Mouse	Two button optical scroll Mouse of OEM Make with Mouse Pad.	
		12	Power Supply	OEM Standard External Power Supply (Adaptor with Input: 100-240 V, 50-60 Hz).	
		13	Operating System (OS)	Windows 11 Professional 64 bit or equivalent/higher should be preinstalled in the system. Additionally, Cloud based office or open office with support or any other office suite should be available.	

		14	Certifications	OS Certifications - Win Logo 11 OS, Linux, RoHS and EPR Certificate or Equivalent Certifications.	
		15	ISO Certifications	The System(s) should be from OEM having ISO 9001 and ISO 14001 certifications.	
		16	Warranty	2 Years	
		17	UPS	a) Rating - 1 KVA or higher. b) Technology - IGBT-PWM without inbuilt transformer, or equivalent c) Input - Single Phase 160-260 V Sine wave, 50 Hz, or higher d) Output - Single Phase 230 (+/-1%) Sine wave, 50 Hz, or higher e) Backup time 60 minutes or higher f) Type of Battery - SMF / VRLA, or equivalent g) Cabling - 5 meters for input and output cable h) Rack should be provided for batteries i) 20% Over load limit for 10 minutes or higher j) 50% Over load limit for 1 minute k) Minimum 3-year warranty for UPS and battery shall be provided.	
2	Single Digit Scanner	1	Minimum Platen Area	Optical/ Multispectral / Capacitance technology 1. If platen area is 15.24 mm x 20.32 mm or more: 1.1. Provisional certificate would be issued without any field testing; 1.2. Final certification would be subject to sensor-extractor meeting <2% FRR in Aadhaar authentication system (at FAR of 0.01%) for which detailed guidelines will be published by STQC. 2. If platen area is 12.8 mm x 16.5 mm but less than 15.24 mm x 20.32 mm Certification would be subject to sensor-extractor meeting <2% FRR in Aadhaar authentication system (at FAR of 0.01%) for which detailed guidelines will be published by STQC.	676
				3. Any other Technologies	
				<2% FRR in Aadhaar authentication set up (at FAR of 0.01%) would need to be demonstrated. Detailed guidelines and other requirements specific to the technology will be published separately by STQC.	
		2	Image quality	Lab Test conformance report showing compliance to ISO 19794- 4 Annexure A OR any other equivalent conformance report (to be approved for equivalence by expert committee appointed by Competent Authority.	
		3	Extractor Quality	MINEX compliance Number of Minutiae generated by extractor to be in conformance to ISO Specification. Tested for at least 12 Minutiae points generated under test conditions.	

		4	NFIQ Quality Software	Inbuilt NFIQ quality software either at device level or extractor level.
		5	Resolution	Minimum 500 DPI with 5% margin on the lower side.
		6	Grey scale/ Image type	8 bit, 256 levels.
		7	Extractor & Image Template Standard	ISO 19794-2 for fingerprint minutiae template and ISO 19794-4 for Fingerprint Image Template.
		8	Maximum Acquisition time(Placement to Template)	< 2 secs
		9	Audio/Visual indication	A/V indication either at device level or at application level for indicating various events like: a) Indication for placing finger. b) Start of capturing. c) End of capturing
		10	Liveness Detection	Preferable
		11	Latent detection	Preferable
		12	Platen	Rugged, minimum IP 54 rating preferable
				Prefer scratch resistant features
		13	Preferred Operating Temperature	0 to 45 degree Centigrade
		14	Preferred Storage Temperature	0 to 50 degree Centigrade
		15	Preferred Humidity	10 to 90%
		16	ESD	>= 8Kv
		17	Environment, health and safety	ROHS certification
		18	Safety	UL or IEC60950 compliance
		19	EMC compliance	FCC class A or equivalent
		20	Operating system environment	Vendor needs to declare the compatible operating system
		21	Connectivity	1. Standard USB connectivity for PC based application.
				2. Connectivity for POS devices.
		3	Mobile Data Terminal (MDT)	a. On screen keyboard with English, Hindi, and all regional languages and it should be Unicode compliant. b. Daylight readable display: Daylight readability is one of the key prerequisites of this device as entire working is out of the office under open sky.

	<p>c. The screen of this device should be bright to ensure less human error during inputting data. (Especially while on the road in harsh environmental conditions.)</p> <p>d. Latest technology: Along with embedded processing, latest windows / Android or any other OS based on recommendations made by Technical Committee of the States / UTs.</p> <p>e. Remote update of OS and applications should be possible.</p> <p>f. Voice recording should be possible.</p> <p>g. Fully rugged as per IP65, or higher.</p> <p>h. The MDT should follow specific installation protocols for proper ergonomics, power and communications functionality.</p> <p>i. Convertible feature: This feature should provide versatility in terms of usage as the user can easily switch between standard vehicle mount and mobile tablet feature while on the move.</p> <p>j. When use as a mobile tablet the battery should last for 6 to 8 hrs.</p> <p>k. Whenever MDT is full charged, there should be a facility of Auto disconnect from charging till the battery level is 75%</p> <p>l. High performance computing power & storage.</p> <p>m. The device should be latest generation computing platform with high data storage capacity. This MDT should be a common platform for multiple computing applications and high compute power to ensure adequacy and scalability for future applications.</p> <p>Detailed specifications</p> <p>7-inch IP65 or higher based on availability of budget and recommendations made by Technical Committee of States/ UTs. Detachable and portable, high-performance vehicle-mounted mobile data display terminal, Electronic Logging Device ELD, minimum quad-core processor, compatible with both 4G/5G communication, GPS navigation, and other professional data interfaces.</p> <ol style="list-style-type: none"> 1. IP Grading - IP65 or higher compliant housing design 2. Operating System – Latest/ equivalent/ higher Android/Windows operating system or any OS as per recommendations of States/UTs Technical Committee 3. Processor – Latest processor or as per the recommendations made by Technical Committee of States/ UTs supporting the OS as selected from point above. 4. Screen Size - ≥ 6.5 Inches IP65 or higher based on availability of budget and recommendations of States/ UTs Technical Committee. Capacitive multi-touch panel. 5. Storage & Memory – Minimum 256 GB internal storage with minimum 16GB RAM expandable upto 32 GB RAM or higher. 6. Wireless Connectivity – Built-in WiFi, Bluetooth, and 4G/5G cellular modules with options to include Bluetooth® V5.3, Intel® Dual Band Wireless AC 9260 (802.11a/b/g/n/ac), Integrated 10/100/1000 Ethernet dedicated GPS module 4G / 5G LTE multi-carrier mobile broadband, RF antenna pass-through for GPS, WWAN, and WLAN or equivalent based on recommendations made by Technical Committee of the States/UTs. 7. GPS - Built-in GPS module for positioning. 8. Camera - Built-in front camera with minimum 2MP and back camera with minimum 8 MP with 300 ppi or higher. 9. Battery - Built-in 3.7V 5000mAH Poly-lion battery or higher 10. Expansion slots - Optional I/O interfaces with USB Type-C, GPIO, 	
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		<p>OBD-II, RS232, RS422, RS485.</p> <p>11. Graphics Card – States/UTs may decide on Graphics card as per the requirement and recommendations made by Technical Committee of the States/UTs.</p> <p>12. Input Output Ports - High Definition Audio Compliant Integrated speaker x 2, USB 3.2 Gen1 (type A) x 1, 2nd USB 3.2 Gen1 (type A) x 14 ,Audio in/out (combo jack) x 1, microSD card (microSDHC, microSDXC) x 1, 10/100/1000 Ethernet (RJ-45) x 1, HDMI port (type A) x 1, Docking connector (20-pin Pogo) x 1, SIM card (5G compatible) x 1, Optional smart card reader x 1 or x 22,3 ,DC-In jack x 1, Optional RF antenna pass-through for GPS, WWAN, and WLAN or similar as per the requirement and recommendations made by Technical Committee of the States/UTs.</p> <p>13. Audio – Built-in audio speakers.</p> <p>14. Security – As per Industry Standards.</p>			
4	Multi-Functional Printer (MFP)	1	Power	Voltage: 220-240 V AC, Frequency: 50 Hz	99
		2	Memory	2 GB or higher	
		3	Connectivity	(a) Ethernet 100Base-TX/ 10Base-T (b) USB 2.0 or higher	
		4	Local control panel	Touch screen with Graphic Display	
		5	One sided speed	(a) B/W: 30 ppm or more (b) Color: 20 ppm or more (Optional)	
		6	Copier	(i) Copy speed: (a) B/W: 30 ppm or more (b) Color: 20 ppm or more (Optional) (ii) Copy resolution: Up to 600 x 600 dpi (iii) Zoom (Reduction/ Enlargement): Variable zoom from 25 % to 400 % (iv) Color capability: Black and White, Color (Optional) (v) Multiple copying: Up to 99 copies. (vi) Paper Size: A5 to A3	
		7	Printer	(i) Print speed: (a) B/W: 25 ppm or more (b) Color: 20 ppm or more (Optional) (ii) Resolution: Up to 1200 x 1200 dpi or more (iii) Print from USB: Direct printing through pen drive from USB port 2.0 or higher (iv) Operating Systems: Windows	
		8	Scanner	(i) Capability: Color and Black & White (ii) Original size: A4, A5, A3 (Optional) (iii) Paper Size: Custom, A4, A5, A3 (Optional) (iv) Scanning speed: (a) B/W: 20 ppm or more (b) Color: 15 ppm or more (v) Scanning Resolution: Optical- 600 x 600 dpi or higher	
		9	Features	(i) Supported Scan destinations: USB Memory Device, Network (ii) File formats: Single page and multi-page TIFF, JPEG, PDF, searchable PDF / Optical Character Recognition (OCR)	

		10	Paper Handling	(i) Automatic Two Sided (Duplex): Standard	
		11	Document Feeder	(i) Capacity: Duplex Automatic Document Feeder: 50 sheets (ii) Paper Sizes: Custom, A3, A4, A5	
		12	Bypass Tray	(i) Capacity: 50 sheets (should also be checked for high duty cycle.) (ii) Paper Sizes: Custom, A4, A5, A3 (Optional) (iii) Paper weight: 60-200 GSM or more	
		13	Tray-1	(i) Capacity: 250 sheets (ii) Paper Sizes: Custom, A4, A5, A3 (Optional) (iii) Paper weight: 60-200 GSM or more	
		14	Tray-2	(i) Capacity: 250 Sheets (ii) Paper Sizes: Custom, A4, A5, A3 (Optional) (iii) Paper weight: 60-200 GSM or more	
5	Webcame	a) USB Certification: USB 2.0 high-speed certified or higher b) Pan (degree): 360 (Optional) c) Tilt (degree): 44 d) Frame Rates (frames per second): 30 or higher e) Multiple OS Compatibility: Yes f) Fit type: Universal clip fit g) Auto Exposure: No h) Max. Image Resolution: 1920 x 1080 or Higher i) Focus: 5 cm to Infinity j) Max. Video Resolution: 1920 x 1080p k) Microphone: Built-in high sensitive microphone l) Lens (MegaPixel): 2.1 MP or higher m) Auto face tracking: Yes (Optional) n) Cable length: At least 3 foot o) Additional requirement: USB plug & play camera p) Warranty: 2 Years			448
6	QR Code Reader	1	Image Sensor (Pixels)	640 x 400 pixels or higher	114
		2	Symbologies	QR Code	
		3	Pitch / Skew	+/- 60o, +/- 60o	
		4	Scan Angle	Roll 0-360o	
		5	Min. Symbol Contrast	<= 25%	
		6	Interface	USB	
		7	Dimensions	Ergonomically designed product	
		8	Weight	<250g	
		9	Indication	Buzzer, Indicator light LED	
		10	Operating Power	Must be as per USB 2.0 / 3.0 standard requirement / DC 5 Volt +-5%)	
		11	Input Voltage	Must be as per USB 2.0 / 3.0 standard requirement / DC 5 Volt +-5%	
		12	Motion tolerance	Up to 5 in.(13 cm) per second for 13 mil UPC	
		13	Light Source	LED 350-770 nm	
		14	Operating Temperature	0oC to 50oC	


		15	Storage Temperature	-20o to 70o C	
		16	Humidity	5% to 95% non-condensing	
		17	ESD	+/- 8 kV Contact Discharge +/- 15 kV Air Discharge	
		18	DROP	1m, Unpacked Condition, As per 60068-2-31	
		19	Environment Sealing	IP42, as per IEC 60529	
		20	Decode Range	1" to 10" for 20 mil QR Code	
		21	Service Center	Should Be Available in India	
		22	Safety Standards like LED safety	IEC 62471:2006 IEC 60950-1:2005 + A1 + A2 (optional) IS 13252(PART 1):2010	
7	QR Code Printer	1	Resolution	300 DPI (12 dots/mm) or more	114
		2	Max. Print Width	4 inches or more	
		3	Maximum Print Speed	6 inch/second or more	
		4	Machine Type	Automatic	
		5	Printing Method	Direct Thermal & Thermal Transfer	
		6	Style	Black and White	
		7	Connectivity	USB 2.0 / USB 3.0 / DC 5 Volt	
		8	Resolution	300dpi / 8dots per mm or more 203 DPI / 8 dots per mm or more	
		9	Memory	8 MB Flash / 8MB SDRAM or higher	
		10	Print Width	4.09" / 104 mm or more	
		11	Print Length	39" / 990 mm or more	
		12	Print Speed	6" / 150 mm per second or more	
		13	Media Width	0.75" / 19.5 mm to 4.49" / 114 mm or more	
		14	Media Length	0.25" / 6.5 mm to 39" / 990 mm or more	
8	Finger Print Enrolment (FED) Device	<ol style="list-style-type: none"> 1. FED should be certified and NIST and ISO / IEC-19794-4 compliant. 2. Capture format: Single Print, Rolled Print, Flat Print, 4 Finger Slap, 2 Thumbs/ Fingers. 3. Power supply: directly from computer 4. Interface: USB port of the computer 5. Should be resistant to dust, scratch, heat, cold and water spillage. 6. It should be able to take -Full image of fingerprint (rolled), 4+4+2 slab fingerprints. 7. Image Resolution-500/1000 PPI 8. The FEDs software should capture, process and transmit fingerprint information in NIST format and ISO/IEC-19794-4 for search, matching and verification purposes. 9. FED Software should have a provision to insert, delete or modify the data pertaining to Indian Laws, police stations and other relevant fields in the drop-down list. 10. Files generated via software should be NIST/ANSI compliant. 11. Hardcopy Printing of fingerprints enrolled via FED software should be Enabled. 			118

		12. Capture live prints (with live quality control), 10 fingerprint (rolled), 4+4+2 slab fingerprints from an individual on enrolment station. Enrolment software should be able to identify Forged FP: fake finger, wrong alignment of finger, same finger sample taken twice, low quality of fingerprints. 13. (SLAP SEGMENTATION / AUTOMATIC SEQUENCE CHECKING AND CORRECTION. 14. Option for marking, amputated and bandaged / webbed fingers, it should reflect in the printout of 10-digit slips. 15. Should have capability of producing and accurately printing ten digit and plain FP slip with mug shot and other demographic data as per NIST format and ISO / IEC-19794-4 standard. 16. Device should have capability of interfacing / connecting with fingerprint identification system of NCRB.			
9	Biometric Attendance Device	1	Queue Throughput (Number of people to mark attendance within one minute)	30 or more	22
		2	Operational Endurance	24 x 7	
		3	STQC Certified Biometric Identification Device	Single Fingerprint Scanner	
		4	STQC certified Single Finger-Print / Iris biometric device for Aadhar Authentication with driver, in built template extractor software / SDK (mandatorily with license, if required)	Yes	
		5	UIDAI Registered Device Certification available	Yes	
		6	Position of Biometric Scanner in the System	fingerprint scanner should be ergonomically placed to support ease of usage for biometric attendance in standing posture of the users	
10	Desktop with AMC for District Training Labs	1	Monitor	Approx. 27" with Antiglare and LED backlight. Aspect Ratio of 16:9, 1000:1 (Brightness) or equivalent/higher Resolution Full HD (1920x1080) or higher, Built in speaker.	09
		2	CPU	Intel Core i7 Processor of latest generation during time of procurement or equivalent or higher.	
		3	Memory	Minimum 32 GB DDR5 RAM expandable up to 128 GB	

		4	Mother Board	OEM logo should be embossed on the mother board (Sticker is not acceptable). System should be able to support OS - 64 bit, or higher with support for Graphic Card	
		5	Processor Thermal Design Power (TDP)	Processor Base Power 35 W-65W Maximum Turbo Power 106 W- 219W)	
		6	Hard Disk Drive	OS Drive- 512 GB PCIe® NVMe™ TLC M.2 SSD or higher. Other drive - 1 TB SSD	
		7	Network Facility	100/1000 Mbps integrated Ethernet card with remote booting facility, remote system installation, remote wake up compatible	
		8	Wireless Connectivity	Wi-fi 6 or higher	
		9	Ports	Front 2 USB 3.0 or better 1 USB Type C Port 1 CD/ DVD RW/ CD-DVD RW+ 1 Audio in/out Rear 2 USB 3.0 or better 2 Ethernet Ports 2 USB 2.0 or better	
		10	Keyboard	104 Keys Mechanical (Windows & Linux Compatible) with Rupee symbol on keyboard. Should have 50 Million characters keystroke life.	
		11	Mouse	Two button optical scroll Mouse of OEM Make with Mouse Pad.	
		12	Power Supply	OEM Standard External Power Supply (Adaptor with Input: 100-240 V, 50-60 Hz).	
		13	Operating System (OS)	Windows 11 Professional 64 bit or equivalent/higher should be preinstalled in the system. Additionally, Cloud based office or open office with support or any other office suite should be available.	
		14	Certifications	OS Certifications - Win Logo 11 OS, Linux, RoHS and EPR Certificate or Equivalent Certifications.	
		15	ISO Certifications	The System(s) should be from OEM having ISO 9001 and ISO 14001 certifications	
		16	Warranty	2 Years	
11	LED TV 40 inch	1	Display: QLED		09 
		2	Display Size: 40inch		
		3	Resolution:1080p		
		4	Refresh Rate: 60 Hz		
		5	Aspect Ratio: 16:9		
		6	Viewing Angle: upto~178 Degrees		
		7	Screen Finish Type: Flat		
		8	HDR Format Supported: HDR 10		
		9	Response Time: 9.5 Milliseconds		

		10	Network Connectivity Technology: Ethernet, HDMI, USB, wi-fi	
		11	Total Number of HDMI: Ports2	
		12	Hardware Interface: USB	
		13	Wireless Technology Type: Bluetooth, wi-fi	
		14	Bluetooth Version: 5	
		15	Connector Type: HDMI, USB	
		16	Voltage: 240 volts	
		17	Wattage: 80 watts	
		18	Power Consumption: 80 watts	
		19	Energy Efficiency Features: Standby power shutoff	
		20	Mounting Type: Wall Mount & Table Mount	
		21	Audio Output Mode: Surround	
		22	Speaker Description: Built-in	
		23	Speaker Maximum Output Power: 24 watts	
		24	Number of Audio Channels: Dolby Audio	
		25	Integrated Surround Sound Format: Dolby Audio	
		26	Operating System: Google / Android	
		27	Memory Storage Capacity: 8 GB	
		28	Remote Control Technology: IR / Bluetooth	
12	VC Equipment (Camera & microphone with DBR)	1	Video Camera: 1080p, 30fps, 78-degree FOV, H.264 UVC 1.1 / AVC, PTZ	09
		2	Audio: Omnidirectional mic pickup, 6ft mic pickup radius, Microphone bandwidth: 200Hz – 8kHz Bandwidth: 200Hz – 20kHz Max output level: 80vdB SPL @ 1ft (0.30 meters)	

Note: The items listed at Serial Numbers 10 to 12 are required to be supplied and installed at the following locations: Tawang, Bomdila, Ziro, Aalo, Pasighat, Tezu, Changlang, Khonsa, and PTC, Banderdewa.


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 Police Headquarters, Itanagar
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