



GOVERNMENT OF KERALA
POLICE DEPARTMENT

Vazhuthacaud, Thiruvananthapuram - 695010

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e-Government Procurement (e-GP)

REQUEST FOR PROPOSAL

H6/169319/2026/PHQ

Dated: 24/08/2026

The Director General of Police & State Police Chief, Kerala Police Department, Government of Kerala invites online bids from reputed firms/agencies for the **Supply of Drone Surveillance and Monitoring Hardware Infrastructure** under the Scheme for "Technology Upgradation of Cyber Crime Investigation" under Assistance to States and UTs for Modernisation of Police 2026-27 (ASUMP 2026-27).

The tender includes the **Procurement of 18 Nos. of Enterprise Mobile AI & Drone Analytics Laptops, 18 Nos. of 8 TB External Hard Disk Storage Systems for Digital Evidence and Drone Surveillance Data Archival and 18 Nos. of AI Processing Workstations** as specified in the enclosed technical specifications and conditions.

1	Tender No.	KPET/30/2026/PHQ Dated 24.08.2026
2	Name of Project	Supply of Drone Surveillance and Monitoring Hardware Infrastructure
5	Estimated Amount	Rs. 129.50 Lakhs
6	Tender Fees	(through online mode only) Rs. 20,375 /- [Rupees Twenty thousand three hundred and seventy five Only] (GST extra) 18% GST amount on tender fees mentioned above shall be paid to GST Department directly by the bidder.
7	Earnest Money Deposit	Rs. 1,29,500/- (Rupees One lakh Twenty nine thousand and five hundred Only) (through online mode/Bank Guarantee)
8	Specifications	Attached in the Tender document.
9	Date and Time of Publication of e Tender	24.08.2026, 06:00 PM
10	Date of submission of e-Tender	24.08.2026, 06:00 PM To 07.09.2026,12:00 NOON
11	Last date and time for online Submission of e Tender	07.09.2026, 12.00 NOON
12	Date and time of opening of e-Tender	08.09.2026, 03.00 PM
13	Place of opening	Police Headquarters, Vazhuthacaud, Thiruvananthapuram- 695010
14	Date of Technical Evaluation	Bidders should be ready to attend the Technical Evaluation with product on any day within 1 week after bid opening date on short notice.

15	Address of Tender Inviting Authority	State Police Chief, Kerala, Vazhuthacaud, Thiruvananthapuram - 695010 Ph: 0471-2722566 Mobile No. 9497996998 Fax: 0471-2722566 e-mail: aig2phq.pol@kerala@gov.in Website: www.keralapolice.gov.in
16	Bid Validity	(Total Number of Days up to which the rates are to be firm) 180 days

1. REQUEST FOR PROPOSAL (RFP)- Procurement of 18 Nos. Enterprise Mobile AI & Drone Analytics Laptops

1. Introduction

Kerala Police proposes to procure Eighteen (18) Enterprise Mobile AI & Drone Analytics Laptops to support field-level drone operations, surveillance monitoring, GIS-based activities, digital evidence handling, image and video processing, drone data analysis and other operational requirements.

The proposed laptops shall provide a high-performance, portable computing platform suitable for use by police personnel in both field and office environments. The systems shall support live drone video monitoring, data transfer and processing, GIS applications, image/video analysis and other mission-related applications.

2. Objectives

The procurement is intended to provide Kerala Police with portable and reliable computing systems capable of supporting:

- Drone surveillance and live video monitoring.
- Drone data transfer, storage and processing.
- GIS mapping and geospatial applications.

- Image and video processing.
- Digital evidence handling and analysis.
- Field-based operational and surveillance activities.

3. Scope of Work

The successful bidder shall be responsible for the supply, installation, configuration, testing and commissioning of Eighteen (18) Enterprise Mobile AI & Drone Analytics Laptops.

The scope shall include:

- Supply of 18 Nos. Enterprise Mobile AI & Drone Analytics Laptops.
- Supply of licensed Windows operating system.
- Installation and configuration of standard OEM drivers and utilities.
- Supply of OEM power adapters and essential accessories.
- Demonstration and acceptance testing.
- Supply of user manuals and warranty documentation.
- Provision of comprehensive OEM warranty and technical support.

4. Technical Specifications

The offered laptop shall be an Enterprise Mobile AI & Drone Analytics Laptop meeting or exceeding the following minimum technical specifications.

Laptop – Technical Specification (18 Nos.)

Parameter	Minimum Technical Specification
Device Type	Enterprise Business Laptop
Display	14" FHD+ (1920 × 1200) IPS Anti-Glare, Minimum 300 nits
Processor	Intel® Core™ Ultra 7 vPro (Latest Generation) or equivalent
AI Processor	Integrated NPU with minimum 40 TOPS

Parameter	Minimum Technical Specification
Operating System	Windows 11 Pro (64-bit)
Memory	Minimum 16 GB LPDDR5x/DDR5 RAM
Storage	Minimum 512 GB PCIe Gen4 NVMe SSD (1 TB preferred)
Graphics	Integrated Intel® Arc™ Graphics or equivalent
Camera	Minimum 8 MP HDR + IR Camera with Privacy Shutter and Windows Hello support
Audio	Dual Stereo Speakers and Dual Digital Microphones with AI Noise Cancellation
Wireless Connectivity	Wi-Fi 7 (802.11be), Bluetooth 5.4 or later
Ports	Minimum 2 × Thunderbolt™ 4/USB4 Type-C, 1 × USB 3.2 Type-A, 1 × HDMI 2.1, 1 × Universal Audio Jack
Keyboard	Backlit Keyboard with Spill Resistance
Touchpad	Precision Multi-touch Touchpad
Security	TPM 2.0, Fingerprint Reader, Windows Hello IR Camera, BIOS Password Protection
Battery	Minimum 60 Wh Lithium-Ion Battery with Fast Charging
Power Adapter	USB-C 65 W or higher
Chassis	Magnesium Alloy or Aluminium Alloy
Weight	Maximum 1.3 kg
Warranty	Minimum 3 Years Comprehensive Onsite Next Business Day Warranty
Certifications	Energy Star, EPEAT Gold, RoHS Compliant

5. System Configuration

The bidder shall supply Eighteen (18) complete and operational Enterprise Mobile AI & Drone Analytics Laptops, each configured in accordance with the technical specifications prescribed in this RFP.

Each laptop shall be supplied with:

- One (01) Enterprise Mobile AI & Drone Analytics Laptop.
- One (01) licensed Windows 11 Pro operating system.
- One (01) OEM power adapter.
- Standard OEM accessories and cables.
- User documentation.
- Warranty documentation.

The supplied systems shall be ready for immediate operational deployment and shall not require procurement of additional hardware for normal laptop operation.

6. Installation, Configuration and Demonstration

The successful bidder shall undertake necessary configuration and commissioning of all supplied laptops. The bidder shall demonstrate the major hardware and software functions, including processor and memory configuration, dedicated GPU operation, storage, connectivity, display, operating system and security features.

Any defective or non-conforming unit identified during inspection or acceptance testing shall be rectified or replaced by the bidder at no additional cost.

7. Warranty and Technical Support

The bidder shall provide a minimum Three (03) Years Comprehensive OEM On-site Warranty for all eighteen laptops.

The warranty shall cover manufacturing defects and failures of the supplied hardware, subject to standard OEM warranty conditions. The bidder shall provide:

- On-site technical support wherever required.
- Repair or replacement of defective components.
- OEM technical assistance.
- Firmware/driver updates, wherever applicable.
- Warranty service through authorised service channels.

8. Deliverables

The successful bidder shall deliver and commission Eighteen (18) complete Enterprise Mobile AI & Drone Analytics Laptops along with all associated accessories and documentation.

The deliverables shall include:

- __18 Nos. Enterprise Mobile AI & Drone Analytics Laptops.
- __18 Nos. OEM power adapters.
- __Licensed Windows 11 Pro operating system for each laptop.
- __Standard OEM accessories.
- __User manuals/documentation.
- __Warranty certificates/documentation.
- __Installation/configuration and demonstration report.

9. Inspection, Testing and Acceptance

The supplied laptops shall be inspected and tested by Kerala Police before final acceptance. The bidder shall demonstrate compliance with the minimum technical specifications specified in this RFP.

Acceptance shall be based on satisfactory verification of the processor, RAM, GPU, storage, display, connectivity, operating system, security features and other specified parameters.

10. Compliance and Documentation

The bidder shall submit detailed technical literature and product documentation clearly indicating compliance with each of the prescribed minimum specifications.

The bidder shall also provide OEM warranty details, product identification/serial numbers and other relevant documentation required for procurement, asset registration and future warranty support.

11. Quantity

The required quantity under this RFP is:

Sl. No.	Item Description	Quantity
1	Enterprise Mobile AI & Drone Analytics Laptop	18 Nos.

The quoted price shall be inclusive of all applicable taxes, duties, delivery, installation/configuration, demonstration, accessories, documentation and warranty support required for complete operational deployment of the 18 laptops.

2. REQUEST FOR PROPOSAL (RFP)- Procurement of 18 Nos. 8 TB External Hard Disk Storage Systems for Digital Evidence and Drone Surveillance Data Archival

1. Introduction

Kerala Police proposes to procure Eighteen (18) Nos. 8 TB External Hard Disk Storage Systems for secure storage, backup and archival of drone surveillance video, photographs, digital evidence and other operational data generated during coastal security and drone-based surveillance activities.

The proposed storage devices shall provide adequate capacity and reliable high-speed data transfer for handling large volumes of high-resolution drone video and image data. The systems shall be suitable for use with the mobile workstations and other authorised computing systems deployed for drone surveillance and data management.

2. Objectives

The procurement is intended to provide dedicated storage capacity for:

- Archival of drone surveillance video and photographs.
- Backup of digital evidence and operational data.

- Transfer and storage of high-resolution multimedia files.
- Secure retention of important surveillance records.
- Field and office-level data management associated with drone operations.

3. Scope of Work

The successful bidder shall be responsible for the supply, testing and commissioning of Eighteen (18) Nos. 8 TB External Hard Disk Storage Systems conforming to the minimum technical requirements specified in this RFP.

The scope shall include:

- Supply of 18 Nos. External Hard Disk Storage Systems.
- Supply of required OEM power adapters and power cables.
- Supply of OEM USB data cables.
- Supply of all essential accessories required for normal operation.
- Demonstration and acceptance testing.
- Supply of user documentation and warranty certificates.
- Provision of OEM warranty and technical support.

4. Technical Specifications

The offered storage system shall be an External Hard Drive Storage System meeting or exceeding the following minimum technical specifications.

External Hard Disk Drive (8 TB) - 18 Nos.

Parameter	Minimum Technical Specification
Device Type	External Desktop Hard Disk Drive (HDD)
Storage Capacity	Minimum 8 TB
Storage Technology	3.5-inch SATA Hard Disk Drive
Interface	USB 3.2 Gen 1 or higher, backward compatible with USB 3.0 and USB 2.0

Parameter	Minimum Technical Specification
Connectivity	USB interface with OEM-supplied cable
Rotational Speed	Minimum 7200 RPM
Cache Memory	Minimum 256 MB
Data Transfer Rate	USB 3.2 Gen 1 (5 Gbps) or higher
Sustained Sequential Read Speed	Minimum 180 MB/s
Sustained Sequential Write Speed	Minimum 180 MB/s
Power Supply	External AC Power Adapter
Plug and Play	Supported
Operating System Compatibility	Microsoft Windows 10/11, Linux, and macOS
File System	OEM Factory Formatted (NTFS, exFAT, or equivalent)
Enclosure	High-quality desktop enclosure suitable for continuous operation
LED Indicators	Power and Drive Activity
Software	OEM drive management and backup utility (if provided by the OEM)
Reliability	Designed for continuous backup, archival storage, and enterprise data protection
Environmental Compliance	RoHS Compliant
Accessories	USB interface cable, External Power Adapter, User Manual, and all accessories required for operation

Parameter	Minimum Technical Specification
Warranty	Minimum 3 Years Comprehensive OEM Warranty

5. System Configuration

The bidder shall supply Eighteen (18) complete 8 TB External Hard Disk Storage Systems, each ready for immediate operational use.

Each storage system shall include:

- One (01) External Hard Disk Drive with minimum 8 TB capacity.
- One (01) OEM AC power adapter.
- One (01) OEM power cable.
- One (01) OEM USB data cable.
- Applicable security/backup software, wherever supplied by the OEM.
- User documentation.
- Warranty documentation.

The complete system shall not require any additional component for normal connection and operation with compatible computers.

6. Installation, Testing and Demonstration

The bidder shall demonstrate the operation of the supplied storage devices before acceptance. Testing shall include verification of:

- Storage capacity.
- USB interface and data transfer functionality.
- Connection with standard computer systems.
- File transfer and data access.
- Backup functionality, wherever applicable.
- Security/encryption features, wherever provided.
- Physical condition and accessories.

Any defective or non-conforming unit identified during inspection shall be replaced or rectified by the bidder at no additional cost.

7. Data Security and Backup

The storage systems are intended for handling surveillance and digital evidence data. Therefore, the offered devices should support secure data handling and reliable backup operations.

Where available in the offered product, AES-256 encryption and password-protection/security features shall be provided. The storage device shall also be compatible with standard backup and file-management systems used by Kerala Police.

8. Warranty and OEM Technical Support

The bidder shall provide a minimum Three (03) Years Comprehensive OEM Warranty for all eighteen storage systems.

During the warranty period, the bidder shall provide:

- OEM technical support.
- Repair or replacement of defective units/components.
- Technical assistance for operational issues.
- Warranty service through authorised service channels.

9. Deliverables

The successful bidder shall deliver Eighteen (18) complete 8 TB External Hard Disk Storage Systems together with all required accessories and documentation.

The deliverables shall include:

- 18 Nos. 8 TB External Hard Disk Drives.
- 18 Nos. OEM power adapters.
- 18 Nos. OEM power cables.
- 18 Nos. OEM USB data cables.
- Applicable backup/security software, wherever supplied.

- User documentation.
- Warranty certificates/documentation.
- Testing and demonstration report.

10. Inspection and Acceptance

All supplied storage devices shall be inspected and tested by Kerala Police before final acceptance. The bidder shall demonstrate compliance with the minimum technical specifications prescribed in this RFP.

Acceptance shall be based on satisfactory verification of storage capacity, interface, data transfer capability, accessories, physical condition and applicable security/backup features.

11. Compliance and Documentation

The bidder shall submit product technical literature and relevant OEM documentation clearly indicating compliance with the specifications prescribed in this RFP.

The bidder shall also provide product identification/serial numbers, warranty details and other documentation required for departmental asset records and future warranty support.

12. Quantity

The required quantity under this RFP is:

Sl. No.	Item Description	Quantity
1	8 TB External Hard Disk Storage System	18 Nos.

The quoted price shall be inclusive of all applicable taxes, duties, delivery, accessories, testing, demonstration, documentation and three-year OEM warranty support required for complete deployment of the 18 storage systems.

3. REQUEST FOR PROPOSAL (RFP)-Procurement of 18 Nos. AI Processing Workstations- *(Commonly Procured Item for Cyber Operations)*

1. Introduction

The Kerala Police proposes to procure Eighteen (18) Nos. AI Processing Workstations for supporting AI-based data processing, video analytics, drone surveillance analysis, digital evidence processing, image/video processing and other computationally intensive applications associated with Cyber Operations.

The proposed workstations shall be enterprise-grade desktop systems with high-performance processors, dedicated GPU capability, expandable memory and storage, advanced security features and comprehensive OEM support.

2. Objective

The objective of this procurement is to establish a standardized high-performance computing platform capable of supporting:

- AI and machine-learning workloads.
- Drone video and image processing.
- AI-assisted video analytics.
- Digital evidence analysis.
- Computer vision and image-processing applications.
- GIS and other computationally intensive applications.
- Future AI-based Cyber Operations requirements.

3. Scope of Supply

The successful bidder shall supply, install, configure and commission Eighteen (18) complete AI Processing Workstations along with all required hardware, licensed operating system, display, keyboard, mouse, cables and accessories.

The scope shall include:

- Supply and delivery of 18 complete workstation systems.
- Installation and configuration of the systems.

- Installation of the required operating system and OEM drivers.
- Supply of monitor, keyboard and mouse.
- Demonstration of system performance and functionality.
- Supply of technical documentation and warranty certificates.
- Provision of OEM warranty and technical support.

4. Technical Specifications

The offered AI Processing Workstation shall meet or exceed the following minimum technical specifications. The specifications are intended to provide a high-performance, secure and expandable platform suitable for Cyber Operations and AI-based applications.

Sl. No.	Parameter	Minimum Specification
1	Make & Model	Bidder shall specify Make and Model
2	Processor	Intel® Core™ Ultra 9 285K vPro (13 TOPS NPU, 36 TOPS, 24 cores, up to 5.7 GHz) or better
3	Chipset	Intel® Q870 Chipset
4	Motherboard	OEM motherboard with hardware-based endpoint security controller/TPM 2.0; integrated hardware diagnostics software in BIOS; OEM logo embossed on motherboard (sticker not acceptable)
5	Graphics	NVIDIA GPU with minimum 4 GB GDDR6 VRAM, expandable/configurable up to 16 GB VRAM or higher
6	Memory	Minimum 32 GB DDR5 RAM, expandable up to 128 GB, with minimum 4 DIMM slots or better
7	USB Ports	Minimum 10 USB ports, including minimum 2 Type-C ports
8	Display Ports	Minimum 3 DisplayPort 1.4a, with option for 1 Thunderbolt 4 (40 Gbps) port
9	SATA Slots	Minimum 2 SATA slots
10	PCIe Slots	Minimum 3 full-height PCIe Gen 3 slots, including minimum 1 half-height Gen 4 PCIe x16 slot or better
11	M.2 Slots	Minimum 4 M.2 slots, with minimum 3 M.2 storage-capable slots
12	Primary	Minimum 512 GB M.2 2280 PCIe NVMe Gen4 x4 SSD, Self-

	Storage	Encrypting Opal 2.0, Class 40
13	Monitor	Minimum 23.8-inch display, 1920 × 1080 resolution, up to 100 Hz refresh rate, 3H hard coating or better
14	LAN	Integrated Gigabit Ethernet LAN 10/100/1000
15	WLAN	Intel® Wi-Fi 6E AX211, 2×2, 802.11ax, MU-MIMO, Bluetooth® 5.3 or better
16	Form Factor	Small Form Factor, less than 8.5 litres, with intrusion switch
17	Power Supply	Minimum 360 W internal PSU, 92% efficient, 80 PLUS Platinum
18	Keyboard	USB keyboard of the same OEM make as the PC
19	Mouse	USB optical mouse of the same OEM make as the PC
20	Security	Discrete hardware TPM 2.0
21	Certification	Energy Star 8.0, Windows 11 Certified, EPEAT Climate+ India Certified, EPEAT GOLD India Certified for Desktop, TCO 10 for Monitor, MIL-STD-810G test passed, ISO 9001:2008 certification for OEM or better
22	BIOS Security	Configuration tool capable of enabling power-on password, setup password and USB port disabling through lifecycle management tool
23	Driver Availability	Drivers shall be available for download from the OEM website for a minimum of 3 years from the date of purchase order, including driver CAB where applicable
24	Warranty	Minimum 5 years comprehensive OEM warranty
25	OEM Verification	Specifications and warranty of the offered desktop shall be verifiable through serial-number search/tracking on the OEM website

5. System Configuration

Each workstation shall be supplied as a complete operational system suitable for immediate deployment. The bidder shall ensure that all components are compatible and supplied as an integrated OEM-supported configuration.

Each workstation shall include:

- One complete AI Processing Workstation.
- One compatible 23.8-inch or better display.
- Minimum 32 GB DDR5 RAM.
- Minimum 512 GB PCIe Gen4 NVMe SSD.
- Dedicated NVIDIA GPU meeting the specified requirements.
- USB keyboard.
- USB optical mouse.
- Licensed Windows operating system as applicable to the offered configuration.
- Required power cables and connectivity accessories.
- OEM documentation and warranty certificate.

6. Installation and Commissioning

The successful bidder shall be responsible for installation and commissioning of all 18 workstations at the locations specified by Kerala Police.

The bidder shall:

- Configure the systems and operating system.
- Install required OEM drivers and utilities.
- Verify hardware functionality and connectivity.
- Demonstrate the functioning of processor, GPU, memory, storage and display.
- Ensure that all supplied systems are ready for operational use.

7. Warranty and OEM Support

The bidder shall provide a minimum five-year comprehensive OEM warranty for the complete workstation system, including applicable hardware components supplied as part of the system.

The warranty shall include:

- Hardware defect rectification.
- Repair or replacement of defective components.
- OEM technical support.
- Firmware/BIOS support and updates, where applicable.

- Availability of required drivers through the OEM support portal.
- On-site support as per OEM warranty terms.

The bidder shall ensure continuity of technical support throughout the warranty period.

8. Deliverables

The successful bidder shall deliver 18 complete AI Processing Workstations together with all associated components and documentation.

The deliverables shall include:

Sl. No.	Deliverable	Quantity
1	AI Processing Workstation	18 Nos.
2	23.8-inch or better Display	18 Nos.
3	USB Keyboard	18 Nos.
4	USB Optical Mouse	18 Nos.
5	Licensed Operating System	18 Nos.
6	Power and Connectivity Accessories	18 Sets
7	OEM Technical Documentation	18 Sets
8	OEM Warranty Documentation	18 Sets

9. Inspection, Testing and Acceptance

The supplied workstations shall be subject to inspection and acceptance by the designated Kerala Police authority. The bidder shall demonstrate compliance with the specified processor, memory, GPU, storage, display, connectivity, security and other technical requirements.

Acceptance shall be based on successful verification of the supplied configuration against the technical specifications and satisfactory commissioning of the systems.

10. Bidder Requirements

The bidder shall clearly specify the make, model and detailed configuration of the offered workstation and shall submit supporting OEM documentation wherever required.

The bidder shall ensure that the offered configuration is an OEM-supported standard configuration and that the specifications, serial number and warranty status can be verified through the OEM's official support/verification mechanism.

11. Quantity and Procurement Summary

The procurement shall comprise 18 Nos. of AI Processing Workstations as complete operational systems, including displays and essential accessories, meeting or exceeding the minimum technical specifications prescribed in this RFP.

12. Warranty and Compliance Declaration

The bidder shall submit a declaration confirming that the offered systems comply with the minimum technical requirements specified in this RFP and that the quoted configuration shall be supplied as an integrated OEM-supported system.

The bidder shall also confirm the availability of the stipulated five-year OEM warranty and technical support for all 18 workstations.

Payment terms

Payment will be released only after supply and acceptance of the product.

Execution of SLA

Successful bidder should execute a service level agreement format available at the Office of IGP Cyber Operations, Pattom Thiruvananthapuram. Cost of stamp paper for SLA is one rupee for every rupee 1000 or part thereof on the amount agreed in the contract, subject to a minimum of rupees 200 and a maximum of rupees one lakh.

Financial Bid

The bidder shall ensure that all proposed hardware and other associated requirements shall be clearly identified and quoted in the Commercial Bid/BOQ, wherever applicable. **The entire project cost should be quoted in the BOQ as a whole.**

Completion period

The selected firm shall complete the delivery, installation, configuration and commissioning of all items listed within **forty five Days (45)** days from the date of issue of Work Order/Supply Order.

Contact for Clarifications

For any clarifications regarding this tender, bidders may contact the Cyber Operations Wing, Kerala Police: Email: cyberops-sec.pol@kerala.gov.in **Mobile No. 08089400916**

All queries should be sent well in advance of the bid submission deadline to ensure a response in time.

NOTE: -BIDDERS ARE ADVISED TO GO THROUGH THE CONDITIONS IN THE NOTICE INVITING TENDER AND THE TENDER DOCUMENT CAREFULLY AND COMPLY WITH THEM TO AVOID OUTRIGHT REJECTION OF THEIR TENDER.

Bidders are requested to make online payment of EMD and tender fee before 72 hours in advance of last date.

For any litigation relating to this order, the jurisdiction will be Thiruvananthapuram City.

Sd/-

Assistant Inspector General of Police, Procurement
For DIRECTOR GENERAL OF POLICE &
STATE POLICE CHIEF, KERALA

Signature Not Verified

Digitally signed by SHIBI K
Date: 2026.08.24 15:29:38 IST
Location: Kerala-KL

