



**GOVERNMENT OF KERALA
POLICE DEPARTMENT**

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www.keralapolice.gov.in

H6/90467/2021/PHQ

Dated: 10/01/2022

**e-Government Procurement (e-GP)
NOTICE INVITING TENDER**

The State Police Chief, Kerala Police Department, Government of Kerala invites online bids from reputed manufacturers/ authorized dealers or reputed vendors for the **SUPPLY AND INSTALLATION OF ANPR SYSTEM (INCLUDING 2 ANPR CAMERAS) AT NILAKKAL PARKING GROUND AND CONTROL ROOM AT CCTV ROOM OF NILAKKAL POLICE STATIONS.** The bidders should comply with the following general conditions in addition to the additional conditions of the instant tender.

General

1. The Bidder should be a reputed Original Equipment Manufacturers (OEM) or authorized dealer of OEM, who is having an Authorization Certificate from the OEM to participate in the tender floated by Kerala Police. Certificate from the OEM for sales and service, to be produced.
2. One bidder can not represent two suppliers/OEMs or quotes on their behalf in a particular tender.
3. The OEM/Bidder should have a well equipped service centre functioning in India (preferable in Kerala) to cater to immediately after sales requirement; copy of Service Centre details must be enclosed along with Tender document. (Preferably bidder should have a Service Centre in Kerala/South India).
4. A reputed vendor can participate in the tender provided the vending outfit is functioning in the market for at least 5 years.

5. The Bidder should have valid GST registration. Copy of GST registration certificate should be enclosed along with the tender.
6. The bidder should have valid PAN/Taxation Index Number. Copy of PAN/Taxation Index Number allocation letter should be enclosed along with the tender.
7. The Bidder must fulfil the following minimum qualification criteria to prove the techno-commercial competence and submit the documents in support thereof:
 - a). Valid Authorization letter from the OEM to attend this particular Tender.
 - b). Certificate of Registration/Incorporation Certificate of the Bidder.
 - c). Last 3 year's financial status of the Bidder's/P&L and Balance Sheet/audit report of last 3 years.
 - d). The bidder (authorized dealer/distributor) should have the dealership/distributionship for at least 3 (three) continuous consecutive years with the OEM.
 - e). The Bidder has to submit a letter specifying the warranty period.
 - f). In case of a propriety item, a certificate by the OEM to be attached.

1	Tender No. & Date	KPET/03/2022/PHQ Dated 10.01.2022
2	Item	SUPPLY AND INSTALLATION OF ANPR SYSTEM (INCLUDING 2 ANPR CAMERAS) AT NILAKKAL PARKING GROUND AND CONTROL ROOM AT CCTV ROOM OF NILAKKAL POLICE STATIONS
3	Quantity	1 Unit (2 cameras)
4	Estimated Amount	Rs. 29.50 Lakhs

5	Tender Fees (through online mode only)	Rs. 5,625/- (Rupees Five thousand Six hundred and twenty five only) (GST extra) 18% GST amount on tender fees mentioned above shall be paid to GST Department directly by the bidder.
6	Earnest Money Deposit (through online mode only)	Rs. 29,500/- (Rupees. Twenty nine thousand and five hundred only)
7	Specifications	Attached in tender document
8	Date and time of publication of e-Tender	10/01/2022, 06:00 PM
9	Date of submission of e-Tender	10/01/2022, 06:00 PM To 28/01/2022,12:00 NOON
10	Last date and time for online submission of e-tender	28/01/2022, 12:00 NOON
11	Date and time of opening of e-Tender	31/01/2022, 3:00 PM
12	Place of opening	Police Headquarters, Thiruvananthapuram
13	Date, Time and Place of Technical Evaluation	03/02/2022, 10.30 AM, District Police Office, Pathanamthitta
14	Bid Validity (Total Number of Days up to which the rates are to be firm)	180 days
15	Warranty & AMC	Three years warranty. Charges for Comprehensive AMC/ATS for a period of three years after warranty period should be quoted in the financial Bid.

16	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
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8. Mode of submission of bids: - Online. All Bid documents shall be submitted only in online procedure through the e-GP website www.etenders.kerala.gov.in in their designated online covers. Details of covers are given separately. No other mode of submission shall be accepted and such tenders will be rejected outright.

9. Cover details: - No. of covers - 2. i) Technical Bid ii) Financial Bid. The AMC/ATS after warranty period also to be quoted in the Financial Bid. In the case of Foreign Equipments, the rate must be quoted in Indian Rupees. The documents to be uploaded under each online covers are specified in the website.

10. Downloading of e-Tender documents: - The tender document can be downloaded from the e-GP website www.etenders.kerala.gov.in from the date and time of publication of e-tender onwards to last date and time for online submission of e-tender. Downloading of tender documents will not be possible after the date specified above.

11. Submission of e-Tender documents: - The digitally signed tender document and other specified documents shall be submitted online through the e-GP website www.etenders.kerala.gov.in well in advance before the last date and time mentioned above. No submission shall be allowed after the last date mentioned above.

12. Payment of Tender Fees: - A non-refundable tender fee shall be paid in online mode through the e-GP website www.etenders.kerala.gov.in at the time of bid submission. No other mode of payment shall be accepted. **THE TENDERS OF BIDDERS WHO DO NOT REMIT FEES THROUGH ONLINE WILL BE REJECTED OUTRIGHT.**

13. Payment of Earnest Money Deposit (EMD): - The EMD shall be paid in online mode through the e-GP website www.etenders.kerala.gov.in at the time of bid submission. No other mode of remittance shall be accepted.

14. Exemption from payment of EMD: - Bidders who are registered with Store Purchase Department, Kerala or National Small Scale Industries Corporation Ltd., New Delhi (for the items tendered) are exempted from submission of EMD. Those bidders claiming exemption shall submit valid registration certificate from the SPD, Kerala or NSSIC, New Delhi.

Tenders of bidders who do not remit EMD online or do not upload documental proof (digitally signed) for exemption of EMD will be rejected outright.

15. Withdrawal and re-submission of e-Tender: - The Bidders are at liberty to withdraw the submitted tender/documents and to submit fresh tender/documents till the last date and time of submission of the e-Tender after which withdrawal/re-submission will not be allowed.

16. Opening of e-Tenders: - The bids shall be opened online through the e-GP website www.etenders.kerala.gov.in at the Police Headquarters, Vazhuthacaud, Thiruvananthapuram on the date and time mentioned above in the presence of the Bidders/ authorized representatives who wish to attend at the above address. If the tender opening date happens to be a holiday or non-working day due to any valid reason, the tender opening process will be done on the next working day at the same time and place specified. Any change in the opening date/time/venue due to other reasons shall be informed by way of Corrigendum published in the e-GP website. The Technical Bids will be evaluated by a Technical Evaluation Committee and those that do not conform to the specifications or to the satisfaction of the Committee will be rejected. The financial bids of the Technically qualified Tenderers only will be considered for opening. The date of opening of financial Bids will be intimated to the concerned technically qualified tenderers, over phone/Fax/e-mail. This will be with in 7 to 10 days of evaluation of technical bid.

17. Technical Evaluation: - All tenderers who quote for the supply of above equipment are required to be ready for live demonstration to be held at **District Police Office Pathanamthitta on 03.02.2022 at 10.30 AM (or any other venue which will be intimated in due course). In the event of firms not able to show live demonstration, they need to convince the Technical Evaluation Committee about such inability and resort to documentary/power point presentation with original product brochures/CDs/scale models/ videos/ slide shows etc. to the utmost satisfaction of the Technical Evaluation Committee.** Any clarification/doubts related matters pertaining to the items tendered may be freely got cleared through Additional SP Pathanamthitta – 9497990028/0468-2222664.

18. All Bidders who participates in e-tender should produce hard copies of all relevant documents related to e tender at the time of technical evaluation, without fail.

19. Note to Bidders:

- i) Bidders have to procure legally valid Digital Certificate (Class III) as per Information Technology Act, 2000 for digitally signing their electronic bids. Bidders can procure the same from any of the license certifying authority of India. For more details, please visit the e-GP website www.etenders.kerala.gov.in.
- ii) Bidders are advised to note the Tender_Id and Tender No. & Date for future reference.
- iii) All uploaded documents should contain the signature and the office seal of the bidder/ authorized persons and should be digitally signed while uploading. Documents uploaded without digitally signing shall entitle rejection of the tender.

- iv) In the case of Foreign Equipments, the rate should be quoted in Indian Rupees. Preference will be given to those who are ready to supply the item without opening Letter of Credit. Ordinarily, no advance payment will be made for procuring the above item. In case advance payment has to be made, a clear case has to be made out by the Tenderee. However this will be only on extraordinary circumstances.
- v). For obtaining Digital Signature Certificate and help on e-tendering process, contact Kerala State IT Mission, e-Government Procurement PMU & Helpdesk, Basement floor of Pension Treasury Building, Uppalam Road, Statue, Thiruvananthapuram; Ph: 0471-2577088, 2577188; Toll free no: 18002337315; e-mail: etendershelp@kerala.gov.in; Website: www.etenders.kerala.gov.in on all government working days from 9:30 am to 5:30 pm.
- vi) The State Police chief is empowered to reject any tender without assigning any reason.
- vii) For any clarifications regarding the terms and conditions in this tender notice or the tender document, please contact Additional Asst. Inspector General of Police, , OR Senior Superintendent H Branch, Police Headquarters, Vazhuthacaud, Thiruvananthapuram – 10 on all Government working days from 10:30 am to 5:00 pm. Ph:0471-2721547 Fax: 0471-2726945
- viii) **Bidders who are using Internet Banking are requested to make online payment 72 hours in advance.**

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

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

Sd/-

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

Signature Not Verified

Digitally signed by Suresh Kumar K
Date: 2022.01.10 16:21:26 PST
Location: Kerala-KL

AUTOMATED NUMBER PLATE RECOGNITION SYSTEM **(ANPR SYSTEM)**

1. The system should automatically detect a Four Wheeler approaching the installed location by means of inductive loops.
2. On detection of vehicle approach, the system would activate the license plate video capture cameras.
3. The system shall automatically detect the license plate in the captured video feed in real-time.
4. The system shall perform OCR (Optical Character Recognition) of the license plate characters (English alpha –numeric characters in standard fonts)
5. The system shall store JPEG image of vehicle and license plate and enter the license plate number into SQL Server or any other user specified database along with date timestamp and site location details
6. System should be able to detect and recognize the English alpha numeric license plate in all standard fonts and formats of all four wheelers including cars, HCV, LCV.
7. The system processing should be real time i.e. Instant recognition of license number plates.
8. The system should be able to process and read number plates of vehicles with speed even up to 40 km/hr.
9. The system should store video clip of the vehicle approaching and leaving the location.
10. The system should have option to input certain license plates according to category like "Wanted", "Suspicious", "Stolen", "Expired" etc. by authorized personnel. On successful recognition of the number plate, the system should be able generate automatic alarm to alert the control room for vehicles which have been marked as "Wanted", "Suspicious", "Stolen", "Expired". System should have provision/ expansion option to add more categories for future need.
11. System shall have option to be integrated with other access control hardware/ software on site.
12. The system shall enable easy and quick retrieval of snapshots, video and other data for post incident analysis and investigation.
13. The system should be able to generate suitable MIS reports that will provide meaningful data to concerned authorities and facilitate

optimum utilization of resources. These reports shall include:

- a) Report of vehicle flow at each of the installed locations for Last Day, Last Week, Last Month.
 - b) Report of vehicles in the detected categories at each of the installed locations for Last Day, Last Week, Last Month.
 - c) Report of vehicle status change in different Vehicle Categories.
14. The system shall have option to save custom reports for subsequent use.
 15. The system shall have option to export report being viewed to common format for use outside of the ANPRS or exporting into other systems.
 16. The system should provide advanced and smart searching facility of license plates from the data base. There should be an option of searching number plates almost matching with the specific number entered (up to 1 and 2 character distance).
 17. The system should have option to add new category by authorized personnel.
 18. The system should have option to update vehicle status in specific category by authorized personnel e.g: On retrieval of stolen vehicle, system entry should be changed from "Stolen" to "Retrieved".
 19. System should provide an option for advanced users to tune the system parameters.
 20. The system should have option to configure site locations and data management settings.
 21. The Central Management Module shall run on the ANPRS Central Server in control room.
 22. The system should work in both day and night conditions with good accuracy.
 23. The hardware specification for the ANPRS should be a minimum of below:

Camera	Interface	IP
	Format	HDTV 1080 or better
	Resolution	2 Megapixel or better
	Shutter Speed	1/50 to 1/10000 or better
	Operating Temperature (°C)	-10 °C to +55°C

	Frame Rate	25/30 FPS
Lens	Vertical	5-50mm
	Electronic IRIS Control	DC Type
	Mount	C/CS
	Image Format	¼"/ 1/3" / ½"
IR Illuminator	Wavelength	850nm (Semi Convert)
	IR Illuminator Range	10 – 15m
	Environment Protection	IP 65/ IP 66
Filters	IR Filter	
Camera Housing	Environment protection Housing	IP 65/ IP 66
Processing Unit	Processor	Latest Intel Core i7 processor
	RAM	8 GB
	Hard Disk Capacity	2 TB
	Display Monitor	19" Flat
Speed Limit		40 km / Hr
Installation and Mounting		Pole Mounted
Integration	Capable of integration with the overall architecture of surveillance and access control system	

24. Power Supply – The complete system shall operate on 230V AC \pm 10% suitable UPS to meet the power requirement with backup of up to 1 hour should be provided.

Additional Requirements –

1. The firm should provide the following documents/literature (in English language along with the equipment's)
 - a. Technical manual with full description of the item
 - b. Users handbook
 - c. Literature on care and preservation technique/methods
 - d. Details regarding periodical checks to be carried out by the user for serviceability of the equipment.

2. The vendor should impart detailed training free of cost to sufficient personnel at the place(s) specified by the Department.
3. The supplier should have well-equipped office / workshop for maintenance with qualified engineers in repairs/ service. If the equipment needs repairs it should be carried out within 10 days from the date of receipt of intimation.
4. Supplier should have direct authorization from the OEM to participate in the tender. Necessary authorization documents should be made available in this regard. The name of the OEM along with the contact telephone numbers, addresses, fax numbers & E-mail address may be available for confirmations with the OEM about the status of the supplier.
5. Periodical service minimum once in three months during warranty period.
6. Minimum 3 years warranty for the equipment and for other all accessories.
7. The Firm should provide Comprehensive AMC for a minimum period of 3 years after the warranty period of a minimum of 3 years shall be enclosed along with in the tender proposal.
8. Comprehensive AMC should be expressed as percentage of total product value (TPV) separately for each year.
9. Tenders will be evaluated based on the net liability to the Department which includes Product cost and Comprehensive AMC cost.