

**POLICE**



**DEPARTMENT**

**No. C1-8821/2020/FSL**

Forensic Science Laboratory,

Thiruvananthapuram

✉dirfsl.pol@kerala.gov.in

☎04712721533

Dated. 10-02-2025

**Tender for Benchtop Capillary Electrophoresis System for Human identification Services (DNA Sequencer)**

The Director, Forensic Science Laboratory, Kerala Police Department, Government of Kerala invites online bids from reputed manufacturers/ authorized dealers or reputed vendors for the "Purchase of Benchtop Capillary Electrophoresis System for Human identification Services (DNA Sequencer) for Forensic Science Laboratory and Regional Forensic Science Laboratories". The bidders should comply with the following general conditions in addition to the additional conditions of the instant tender.

**Terms & conditions**

1. The supplier should quote the price valid for a period of one year.
2. If the authorized distributor is supplying the items, the Manufacturer/ Principal Company has to submit an authorization letter for the dealer/authorized distributor.
3. All the quotations are to be enclosed with maximum discount.
4. The purchases are for Forensic Science Laboratory and Regional Forensic Science Laboratories.
5. Delivery of the consignment should be made at on the places mentioned in the supply order.
6. If the company is dealing with perishable goods, which require Cold Chain Management the delivery should be prompt. If any damages occur the supplier will be responsible for its replacement.
7. Penalty will be imposed on delay in delivery as per the existing rules.
8. In case of purchase of goods viz., consumables, disposables, etc the contractual obligations should be considered as completed when supply is done and the items are inspected and accepted by the Institute.
9. For all supplies above Rs.1 Lakh, the successful tenderer should furnish a Performance Bank Guarantee/ Security Deposit @ 5% of the total assignment (purchase order value) in the form of Fixed Deposit or Bank Guarantee from a Commercial Bank which should be valid for a period of 60 days beyond completion of all contractual obligation of the supplier including warranty (if any).
10. Payment mode is through online after acceptance of goods in good condition at



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the places mentioned in the supply order.

11. For all ordered goods, Insurance/ liability may be upto the supplier only.

12. If the quote is not according to the above terms and conditions, the same will be summarily rejected.

#### General Condition

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 cannot 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 (preferably 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 10 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

1. Valid Authorization letter from the OEM to attend this particular Tender.

2. Certificate of Registration/Incorporation Certificate of the Bidder.

3. Last 3 year's financial status of the Bidder's/P&L and Balance Sheet/audit report of last 3 years.

4. The bidder (authorized dealer/distributor) should have the dealership/distribution ship for at least 3 (three) continuous consecutive years with the OEM.

5. The Bidder has to submit a Warranty Certificate along with invoices.

6. In case of a proprietary item, a certificate by the OEM to be attached

Tender No. & Date	14/24-25 dated 10/2/25
Item	"Purchase of Benchtop Capillary Electrophoresis System for Human identification Services (DNA Sequencer)
Qty	02
Estimated Amount	160Lakh



Tender Fees	27600+Tax
Earnest Money Deposit	1,60,000/-
Date and time of publication of e-Tender	10/2/25 12.00NOON
Date of submission of e-Tender	10/2/25 12.30PM
Last date and time for online submission of e-tender	19/2/24 3.00pm
Date and time of opening of e-Tender	20/2/24 3.00pm
Place of opening	Forensic Science Laboratory, Thiruvananthapuram
Bid Validity (Total Number of Days up to which the rates are to be firm)	365
Address of Tender Inviting Authority	Director, Forensic Science Laboratory, Kerala, Vazhuthacaud, Thiruvananthapuram-695010 Ph: 04712721533 e - m a i l : dirfsl.pol@kerala@gov.in Website: www.keralapolice.gov.in

1. 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](http://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. 2. Cover details: - No. of covers -

2. Technical Bid cum and 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.

3. Downloading of e-Tender documents: - The tender document can be downloaded from the e- GP website [www.etenders.kerala.gov.in](http://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.

4. 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.

5. 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](http://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.

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

7. 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.

8. 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.

9. 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. [www.etenders.kerala.gov.in](http://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 Tenderer only will be considered for opening. The date of opening of financial Bids will be intimated to the concerned technically qualified renderers, over phone/Fax/e- mail. This will be with in 7 to 10 days of evaluation of technical bid.

10. Technical Evaluation: - All tenderers who quote for the supply of above equipment are required to be ready for live demonstration on technical evaluation time. Date and place will be informed later. 11. 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 12. 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 website [www.etenders.kerala.gov.in](http://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, non 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 Tenderer. However this will be only on extraordinary circumstances.

1. 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 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.

2. The Director, Forensic Science Laboratory is empowered to reject any tender without assigning any reason. For any clarification regarding the terms and conditions in this tender notice or e tender document, please contact Director, FSL , Or Manager FSL, Thiruvananthapuram – 10, on all Government working days from 10:30 am to 5:00 pm. (Ph. No. 0471-2722136)(Ph. No. 0471- 2722155)

Note: Bidders are advised to go through the conditions in the notice inviting tender and the tender document carefully and comply them to avoid out right rejection of their tender. For any litigation relating to this order, the jurisdiction will be Thiruvananthapuram City.

### **Specification of Benchtop Capillary Electrophoresis System for Human Identification Services (DNA Sequencer)**

1. Fluorescence based, fully automated 8 capillary electrophoresis system along with all hardware and software needed for generating DNA profiles from different types of forensic samples.

2. The system (s) should be able to perform sequencing and fragment analysis

3. The system, analysis software and all major accessories should be validated as per the SWGDAM guidelines for forensic DNA testing.

4. Validation Certificate for Forensic applications should be enclosed with the bid and should be supplied for equipment in accordance with guidelines from the Scientific Working Group on DNA Analysis Methods (SWGDAM) to be used for Human Identification testing and Forensic DNA Application.

5. System should be compatible with commercially available 5 or more-dye labelled STR kits.

6. Auto sampler capacity: Must have automated sample injection system compatible with two or more 96-well plates/strips

7. Capillary array with 36cm length.

8. Pre-filled consumables and should use Radio Frequency Identification (RFID) to track key consumables.

9. System shall be supplied with starter kit necessary for installation.

10. The system should have the feature of pausing a run and support to load additional plate and re-order injections after run is paused.

11. System should be provided with suitable high end branded computers/laptops along with operating hardware.

12. Room setting including air conditioning, table, chair and required amenities



should be provided.

13. Forensic specific validated software (as per SWGDAM guidelines) for data analysis (Human Identification purpose).

14. Systems should be provided with all consumables for fragment analysis and sequencing applications.

15. Vendor should be capable to validate instrument with Human Identification Professional Services as and when required. Optional Laboratory validation services available from the supplier/manufacturer for the instrument on site to satisfy the applicable guidelines used by the forensic community and are fit for the customer's human identification applications.

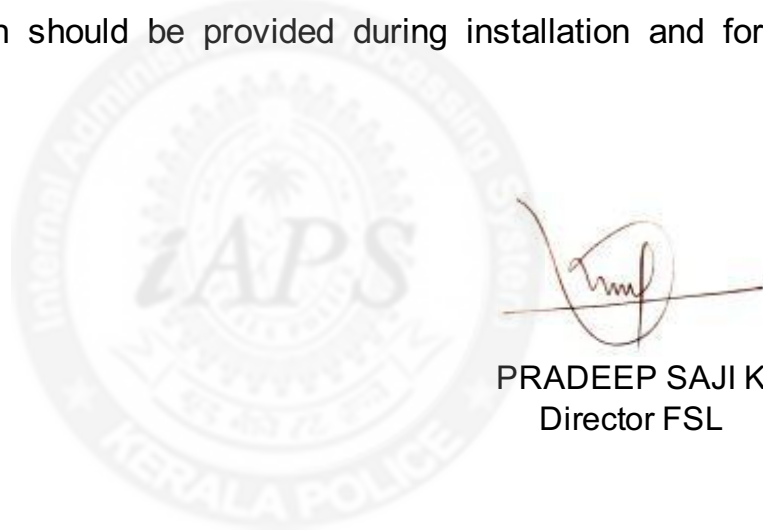
16. All the relevant brochure and certifications should be provided for adherence of the submitted compliance sheet for the tendered specification.

17. Power backup: A compatible online UPS with minimum one hour backup should be provided for the complete setup.

18. The warranty for the equipment and for other accessories should remain valid for a period of three years from the date of commissioning.

19. CMC should be provided for three years in expiry of warranty at a rate of not more than 3% of the value of the instrument.

20. IQ-OQ certification should be provided during installation and for subsequent periods



PRADEEP SAJI K  
Director FSL

Copy To : AD(DNA),FSL and RFSLs for information

