

GOVERNMENT OF KERALA
POLICE DEPARTMENT
Vazhuthacaud, Thiruvananthapuram - 695010 Ph: 0471-2722566
Fax: 0471- 2722566
e-mail: aig2phq.pol@kerala.gov.in
www.keralapolice.gov.in

H9/134085/2026/PHQ Dated: 18/11/2026

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 OF FOURIER-TRANSFORM INFRARED SPECTROSCOPY (FTIR).** 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 or authorized firm.
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 3 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). Certificate of Registration/Incorporation Certificate of the Bidder.

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

    c). The Bidder has to submit a letter specifying the warranty period.

1	Tender No. & Date	KPET/57/2026/PHQ Dated 18.11.2026
2	Item	**SUPPLY OF FOURIER-TRANSFORM INFRARED SPECTROSCOPY (FTIR)**
3	Quantity	1 No.
4	Estimated Amount	**Rs. 30 Lakh**
5	Tender Fees (through online mode only)	Rs.5,625/- (Rupees Five thousand six hundred and twenty five only) (GST extra) 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. 30,000/- (Rupees. Thirty thousand only)
7	Specifications	Attached in tender document
8	Date and time of publication of e-Tender	18/11/2026, 06:00 PM

9	Date of submission of e-Tender	18/11/2026, 06:00 PM To 28/11/2026,12:00 NOON
10	Last date and time for online submission of e-tender	**28/11/2026, 12:00 NOON**
11	Date and time of opening of e-Tender	30/11/2026, 3:00 PM
12	Place of opening	Police Headquarters, Thiruvananthapuram
13	Date, Time and Place of Technical evaluation and document verification	**Will be intimated later**
14	Bid Validity (Total Number of Days up to which the rates are to be firm)	180 days
15	Address of Tender Inviting Authority	State Police Chief, Kerala, Vazhuthacaud, Thiruvananthapuram - 695010 Ph: 0471-2722566 Fax: 0471-2722566 e-mail: aig2phq.pol@kerala.gov.in Website: www.keralapolice.gov.in

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 4 to 7 days of evaluation of technical bid.

17. Technical Evaluation: - All tenderers who quote for the supply of above equipment are required for a live demonstration. **Date of demonstration and document verification will be intimated later.**

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

eTendering System Government of Kerala

Kerala Tenders

Tender Details

Date : 19-Nov-2026 10:04 AM

Print

Basic Details

Organisation Chain	Kerala Police||Police Headquarters		
Tender Reference Number	KPET/57/2026/PHQ		
Tender ID	2026_KP_889985_1	**Withdrawal Allowed**	Yes
Tender Type	Open Tender	**Form of contract**	Item Rate
Tender Category	Goods	**No. of Covers**	2
General Technical Evaluation Allowed	No	**ItemWise Technical Evaluation Allowed**	No
Payment Mode	Online	**Is Multi Currency Allowed For BOQ**	No
Is Multi Currency Allowed For Fee	No	**Allow Two Stage Bidding**	No

Payment Instruments

	S.No	Bank Name
Online Bankers	1	SBI MOPS

Cover Details, No. Of Covers - 2

Cover No	Cover	Document Type	Description
1	Fee/PreQual/Technical	.pdf	Scanned copy of agreement executed on Kerala Stamp paper Rs. 200 duly signed and sealed in all pages
		.pdf	Scanned copy of Tender Document duly signed and sealed in all pages
		.pdf	Brochures of the item quoted and conditions of supply if any
		.pdf	Copies of other documents required in the Notice Inviting Tender and specification
2	Finance	.xls	Financial Bid

Other Important Documents

S.No	Category	Sub Category	Sub Category Description	Format/File
1	Certificate Details	Permanent Account Number	Permanent Account Number	
2	Certificate Details	Registration Certificate	Registration Certificate	
3	Certificate Details	Income Tax Certificate	Income Tax Certificate	
4	Certificate Details	Affidavit regarding correctness of bid	Required in tender document in bidder file 1	
5	Certificate Details	Excise registration Number	Excise registration Number	
6	Certificate Details	Service tax registration No	Service tax registration No	
7	Certificate Details	GST Certificate	GST Certificate	
8	Financial Details	Bankers Details	Bankers Details	
9	Financial Details	Annual Turn over certificates from CA	Annual Turn over certificates from CA	
10	Financial Details	B23. P/L and Balance Sheet 2022-2023	P/L and Balance Sheet 2022-2023	
11	Financial Details	B24 P/L and Balance Sheet 2023-2024	P/L and Balance Sheet 2023-2024	

12	Financial Details	B25. P/L and Balance Sheet 2024-2025	P/L and Balance Sheet 2024-2025	
13	Miscellaneous	Work Completed Certificate Copies	Work Completed Certificate Copies	
14	Miscellaneous	Company profile	Company profile	
15	Work Details	Works Completed Details	Works Completed Details	
16	Work Details	Quantity of Work Done Details	Quantity of Work Done Details	

Tender Fee Details, [Total Fee in ₹ * - 6,392]

Tender Fee in ₹	5,625		
Processing Fee in ₹ (18.00% GST Incl.)	767		
Fee Payable To	Nil	**Fee Payable At**	Nil
Tender Fee Exemption Allowed	Yes		

EMD Fee Details

EMD Amount in ₹	30,000	**EMD Exemption Allowed**	Yes
EMD Fee Type	fixed	**EMD Percentage**	NA
EMD Payable To	Nil	**EMD Payable At**	Nil

Click to view modification history

Work /Item(s)

Title	SUPPLY OF FOURIER-TRANSFORM INFRARED SPECTROSCOPY (FTIR)				
Work Description	SUPPLY OF FOURIER-TRANSFORM INFRARED SPECTROSCOPY (FTIR)				
Pre Qualification Details	Refer Notice Inviting Tender and specification				
Independent External Monitor/Remarks	NA				
Show Tender Value in Public Domain	Yes				
Tender Value in ₹	30,00,000	**Product Category**	Equipments	**Sub category**	FTIR
Contract Type	Tender	**Bid Validity(Days)**	180	**Period Of Work(Days)**	25
Location	Thriuvananthapuram	**Pincode**	695010	**Pre Bid Meeting Place**	NA
Pre Bid Meeting Address	NA	**Pre Bid Meeting Date**	NA	**Bid Opening Place**	Police Headquarters Thiruvananthapuram
Should Allow NDA Tender	No	**Allow Preferential Bidder**	No		
Tenderer Class	Not Applicable				

Critical Dates

Publish Date	18-Nov-2026 06:00 PM	**Bid Opening Date**	30-Nov-2026 03:00 PM
Document Download / Sale Start Date	18-Nov-2026 06:00 PM	**Document Download / Sale End Date**	28-Nov-2026 12:00 PM
Clarification Start Date	NA	**Clarification End Date**	NA
Bid Submission Start Date	18-Nov-2026 06:00 PM	**Bid Submission End Date**	28-Nov-2026 12:00 PM

Tender Documents

NIT Document

S.No	Document Name	Description	Document Size (in KB)
1	Tendernotice_1.pdf	Notice Inviting Tender	530.64

Work Item Documents

S.No	Document Type	Document Name	Description	Document Size (in KB)
1	Tender Documents	Generalconditions.pdf	Tender Document, General conditions, format for agreement etc	369.07
2	Other Document	Specification.pdf	Specification	384.42
3	BOQ	BOQ_1521397.xls	Financial Bid	57.00

Bid Openers List

S.No	Bid Opener Login Id	Bid Opener Name	Certificate Name
1.	sekharpramod@gmail.com	PRAMOD S	PRAMOD S
2.	sastha@gmail.com	SASTHA RAJ R	SASTHA RAJ R
3.	shibikshibi0@gmail.com	SHIBI K	SHIBI K

Tender Properties

Auto Tendering Process allowed	No	**Show Technical bid status**	Yes
Show Finance bid status	Yes	**Stage to disclose Bid Details in Public Domain**	Technical Bid Opening
BoQ Comparative Chart model	Normal	**BoQ Compartive chart decimal places**	2
BoQ Comparative Chart Rank Type	H	**Form Based BoQ**	No

Tender Inviting Authority

Name	DGP and State Police Chief Keralam
Address	Police Headquarters Vazhuthacaud Thiruvananthapuram Keralam

Tender Creator Details

Created By	SHIBI K
Designation	Senior Superintendent
Created Date	18-Nov-2026 02:05 PM

SPECIFICATION OF FOURIER-TRANSFORM INFRARED SPECTROSCOPY (FTIR)

FTIR should be software controlled and fully automated complete system with Mid-IR capability	
Spectral Range	• 7800 to 350 cm^{-1} or better
Source	• Source suitable for Spectral range, Long- life source with user replaceable facility • 3 years of warranty/ more
Spectral resolution	Spectral resolution ≤ 0.50 cm^{-1} or better
Wave number accuracy	± 0.1 cm^{-1} /better
Signal to Noise Ratio	at least 50000:1 peak-peak for 1 min scan or better
Interferometer	• Michelson type Interferometer • Sealed and airtight with a built-in automatic dryer to remove the moisture inside the interferometer. • Built-in advanced auto-dynamic alignment function and aligned during scanning. • Automatically alignment of the beam splitter, optimized and stable constantly. • Interferometer window plate must be KBr with a moisture-resistant protective coating and user can exchange it. • KRS-5 type window/KBr window with moisture resistance property in sample compartment. • If KBr window supplied, suitable Aluminum covering box for moisture resistance (for whole instrument) and 5 years of warranty/more
Beam splitter	Germanium coated KBr beam splitter
Beam splitter- window	• KBr/KRS, KRS window preferred / better
Light Source	• High intensity long life laser source with easy replicability by user • 5 years of warranty/more
Optics	• Suitable alignment free optics • All should be effectively coated to ensure high performance
Detector	• DLaTGS/DTGS Detector
Attenuated Total Reflection (ATR)	• Single reflectance High-performance Diamond ATR system with all accessories needed for measurement • Should have monolithic diamond crystal plate • Should cover full spectral range for Mid IR measurements (7800 to 350 $cm^{-1)}$.
Desiccant/Instrument	• Instrument must come with rechargeable desiccant cartridges with a visible desiccant lifetime indicator/better. • Instrument must have Atmospheric compensation to minimize effect of atmospheric water and carbon dioxide on the sample spectra without the need for reference or calibration spectra/better

Software	Latest software for measurement and analyses compatible with latest version of Windows Operating system. Detailed description of software features with both experimental and post-experimental analysis. Free update for the software for at least 5 years
FTIR Spectral Libraries	• Standard Licensed library with more than 10,000 Spectra for Polymers, Organic compounds, Biochemicals, Inorganic compounds and associated compounds and Georgia state crime library/ SWGDRUG/WILEY, etc are preferable for Drugs, Narcotics, Poisons, Explosives etc. • It contained more than 1000 compound should be narcotics • No pirated libraries will be accepted • Library upgradation should also be provided for 5 years after installation free of cost.
Computer & Software	• Latest branded PC of suitable configuration (suitable large HD flat panel monitor), with Multifunction ink tank colour printer should be quoted • Compatible branded PC (Dell/ HP/ Acer) with Intel Core i5 processor or higher and minimum 16 GB memory • Licensed MS Windows OS
AC	• 1 Ton AC with stabilizer
Application	• Analysis of Drugs (NDPS- both legal& illegal) & Poisons, from various types of exhibits in the form of mixtures, crystalline compounds, adsorbed papers, powder, paste, granules, crystalline materials, resins, liquids, etc • Analysis of Explosives (High & low), Polymers, Dyes & Inorganic compounds
UPS	3KVA UPS/better. Battery backup for use during power supply failure. Minimum 2 hours back- up. All necessary pre installation requirements for the installation of the ups are under vendor scope.
Dehumidifier& Hygrometer	Suitable for the installation site
Accessories	All accessories for the proper operation of instrument should be included as standard supply
Terms & Conditions	• System performance should be demonstrated with necessary standards and calibration kits • All system components supplied, should have warranty for 3 years from date of installation for all parts and accessories including computer, printer, dehumidifier, AC and UPS (except mentioned earlier). • List of consumables that are not covered under warranty should be mentioned. • Good technical support should be provided after the installation of the instrument and the service engineer should be able to attend unlimited breakdown calls and should visit the installation site within 24 hours without fail. • Training on troubleshooting the issues associated with instrumentation or application should be provided free

	of cost whenever required by the user. • Pre- Installation visit should be done • Should provide Calibration as per NABL/ IQ/OQ certificate
Training	• ON SITE and Operated Training for users should be given • Should support the users for to optimize the methods as per the standard methods • Instrumentation and Application Training as and when required free of cost.