

KANNUR UNIVERSITY**(PMU D SECTION)**

Tel:04972715243, e-mail: registrar@kannuruniv.ac.in

NOTICE INVITING E-TENDER

The Registrar, Kannur University invites e-tender(s) in **Two Bid System (Two cover)** for the **Supply, Installation, Testing and Commissioning of UV-Vis NIR (Double Beam Spectrophotometer) at Scientific Instrumentation Centre, Swami Anandatheertha Campus, Payyannur** (under PM USHA Scheme) from original equipment manufacturers (OEMs) or authorized distributors/dealers as per the technical specifications and schedule given below. The rate quoted should be inclusive of all taxes, installation charges and other charges. The Registrar, Kannur University reserves the right to accept or reject the tenders without assigning any reason thereof. The list of equipment/accessories proposed to be purchased, including its quantity and specifications are furnished in the schedule of items given below. Since this is an e-tender, only those bidders who have enrolled in the <http://etenders.kerala.gov.in> portal with their own Digital Signature Certificate (DSC) can participate in the tender. E-Tender document and other details can be obtained from the above e-portal.

TENDER SCHEDULE

Tender ID	2025_KnrU_774812
Name of work	Supply, Installation, Testing and Commissioning of UV-Vis NIR (Double Beam Spectrophotometer) at Instrumentation Centre.
Last date and time for online submission of e - Tender	25/08/2025, 11 AM
Date and time of opening tender	27/08/2025, 3 PM
EMD	27,000/-
Tender fee (excluding GST)	4100/-
Place of supply and installation	Scientific Instrumentation Centre, Swami Anandatheertha Campus, Payyannur, Kannur, Kerala- 670327

For further details logon to <http://etenders.kerala.gov.in>.

e-Tender Helpline No: 0471-2577388/188

NAME & SPECIFICATION OF INSTRUMENTS

UV-Vis NIR (Double Beam Spectrophotometer)	
Quantity : 1	
SPECIFICATION FOR DOUBLE BEAM SPECTROPHOTOMETER (PC-BASED)	
Parameter	Specification
Optical System	Single monochromator; dual-grating, dual detector
UV/VIS region	1200 lines/mm plane grating NIR region: 300 lines/mm plane grating, Czerny-Turner Mount Double beam type

Light Source	Deuterium lamp & Halogen lamp Light Source
Exchange Wavelength	user-selectable within a range of 330 to 350nm
Detector	Photomultiplier tube (PMT), Peltier cooled PbS detector
Wavelength Range	Should cover the range from 190 to 2700 nm
Wavelength Accuracy	± 0.3 nm (at 656.1nm), ± 1.5 nm (at 1312.2nm)
Wavelength Repeatability	± 0.05 nm (UV-Vis bandwidth: 0.5 nm) ± 0.2 nm (NIR bandwidth: 2.0 nm)
Scanning Speed	10 to 4000nm/min
Slew Speed	12,000 nm/min (UV-Vis region) 48,000 nm/min (NIR region)
Spectral Bandwidth	UV-Vis: 0.1, 0.2, 0.5, 1, 2, 5, 10 nm L2, L5, L10 nm (low stray light mode) M1, M2 nm (micro cell mode) NIR: 0.4, 0.8, 1, 2, 4, 8, 20, 40 L8, L20, L40 nm (low stray light mode) M4, M8 nm (micro cell mode)
Photometric Range	UV-Vis: -4~4 Abs, NIR: -3~3 Abs
Photometric Accuracy	± 0.0015 Abs (0 to 0.5 Abs), ± 0.0025 Abs (0.5 to 1 Abs) ± 0.3 %T (Tested with NIST SRM 930D)
Stray Light	1 % (198 nm KCL 12 g/L aqueous solution) 0.005 % (220 nm NaI 10 g/L aqueous solution) 0.005 % (340 nm NaNO ₂ 50 g/L aqueous Solution) 0.005 % (370 nm NaNO ₂ 50 g/L aqueous Solution) (spectral bandwidth: L2 nm, 10 mm cell) 0.04% (1690 nm H ₂ O, 10 mm cell) 0.1% (1690 nm CH ₂ Br ₂ , 50 mm cell) (spectral bandwidth: L8 nm)
Baseline Stability	0.0003 Abs/hour
Baseline Flatness	± 0.0002 Abs (200 - 2500 nm)
RMS Noise	0.00003Abs
SOFTWARE SPECIFICATIONS	
Measurement Modes	Quantitative Analysis
Wavelength scan	(Abs, %T, %R, sample reference)
Time scan	(Abs, %T, %R, sample reference)
Fixed Wavelength	(up to 8 wavelengths) Abs/%T monitor
Data Processing	Peak picking, peak height, peak area, peak width, Derivatives, smoothing, Data Transaction, Arithmetic, baseline connection, subtraction, Deconvolution, vertical axis conversion, horizontal axis conversion

Other standard functions	Validation software, Enzyme activity calculation.
Instrument should be upgradable to be used with Micro volume of samples less than 1µl.	
Should supply the following items along with the instrument:	
1. Diffuse Reflectance Accessory for Powder & Film – 1 No. 2. Film Holder - 1 No. 3. Quartz Cuvettes, 10mm - 1 Pair	
Guarantee/Warranty/Assurance	A Five-year OEM brand warranty on all components and subcomponents should be provided. Dealer and distributor warranties will not be accepted

GENERAL TERMS AND CONDITIONS

1. The tender should be submitted in two cover system (Technical bid & Financial bid)
2. Prices shall be quoted in Indian currency only.
3. Tender fee and EMD should be remitted through SBI MOPS as indicated in the e-Tender website. **All payments including EMD should be made through online but 18% GST of Tender fee should be remitted to GST Department directly.** The bidder shall be solely responsible for the payment of GST. The University holds no responsibility or liability in this matter.

Sl No	Name of Equipment	Tender Fee Excluding GST	GST (18%)	EMD
1	UV-Vis NIR Spectrophotometer	4100	738	27,000

4. *All the MSMEs with Udyog Aadhar Registration or any other body specified by the Ministry of Micro, Small and Medium Enterprises working within the state of Kerala will be exempted for the payment of Tender fee and EMD. Under MSME category, only manufactures for Goods and Service Providers for Services are eligible for EMD/Tender fee exemption.*
5. Custom Clearance of the consignment including all the stages of custom clearance will be under the purview of supplier.
6. The successful bidder shall, before signing the agreement and within the period specified in the letter of acceptance of his tender, deposit a sum equivalent to 5 % of the value of the contract by way of Demand Draft drawn in favour of the Finance Officer, Kannur University payable at SBI Kannur Branch or Kannur Branch of other Nationalized or Scheduled bank, as performance security for the satisfactory fulfilment of the contract.
7. The bidder should be registered company/firm. Certificate of incorporation/Company registration certificate/Memorandum and Articles of Associations/Valid GST registration certificate/Valid Income tax registration certificate/Valid Service tax registration certificate should uploaded / submitted along with the tender.
8. The bidders shall keep their rate firm for a period of 180 days.
9. Profile of Bidder as per Annexure 1 shall be provided.

10. The bidder should have the responsibility to attend the first level service if any complaint report. The bidder should provide minimum one preventive maintenance during warranty period. Relevant documents or undertaking signed by the personnel with address and contact person's name, phone no, and URL of complaint logging website to be submitted in case, if the bidder doesn't have their own service centre in Kerala and the bidder authorize another service centre/service engineers for attending service.
11. The earnest money deposit (EMD) of the unsuccessful bidders will be returned through ONLINE Transaction and the EMD of successful bidders will be discharged upon the bidder executing the contract and furnishing the security deposit that will have to be deposited for the satisfactory fulfilment of the contract.
12. Forfeiture of EMD:
 - (i) If any bidder withdraws from his tender before the expiry of the bid validity period specified **or**
 - (ii) in case after being successful bidder, he/firm fails to sign the contract, and to furnish the performance security.
13. The bid shall contain detailed technical specifications, Brochures and pamphlets of the item/items quoted.
14. All the claimed specifications (make, model, year of manufacture, warranty etc.) should be mentioned in the Brochure or Catalogue of the equipment.
15. All charges, taxes, duties and levies should be clearly indicated and the rate tendered should be inclusive of all taxes and other charges.
16. The installation, commissioning and the initial operation will be the responsibility of the supplier.
17. In case of under performance during the warranty period, the item should be replaced and the period of warranty will recommence from the date of replacement.
18. The payment will be made after completion of supply, installation and commissioning.
19. The final acceptance of the tenders rests entirely with the Kannur University who do not bind themselves to accept the lowest or any tender.
20. Communication of acceptance of the tender normally constitutes a concluded contract. Nevertheless, the successful bidder shall also execute an agreement for the due fulfilment of the contract within the period to be specified in the letter of acceptance. In cases where a successful bidder, after having made partial supplies fails to fulfil the contracts in full, all or any of the materials not supplied may at the discretion of the Registrar, be purchased by means of another tender/quotation or by negotiation or from the next higher bidder who had offered to supply already and the loss, if any, caused to the University shall thereby together with such sums as may be fixed by the University towards damages be recovered from the defaulting bidder.
21. The bidder shall undertake to supply materials according to the standard sample and /or specifications.
22. No representation for enhancement of rates once accepted will be considered.
23. The prices quoted should be inclusive of all taxes, duties, cess etc., which are or may become payable by the contractor under existing or future laws or rules of the country of origin/supply or delivery during the course of execution of the contract.
24. Special conditions, if any, of the bidders attached with the tenders will not be applicable to the contract unless they are expressly accepted in writing by the purchaser.
25. The bidder should upload along with his tender an agreement executed and signed in Kerala Stamp Paper of value Rs.200/- purchased in Kerala State. Tenders without the agreement in stamped paper will be rejected outright. But in deserving cases where agreement has not been received, the Registrar may

exercise his discretion and call upon such bidder to execute the agreement within a period of ten days from the date of issue of such intimation, if the Registrar is satisfied that the omission to forward the agreement along with the tender was due to causes beyond the control of the bidder and was not due to any negligence on his part. Agreement received from a bidder after the above time limit will not be considered. [Format of agreement appended].

26. The bidder shall quote their rate in the standard BOQ provided, indicating the break up details.
27. The provisions of Kerala Stores Purchase Manual are applicable to this Tender and further proceedings.
28. The University reserves all rights to accept or reject any or all the tenders without assigning any reason whatsoever at its discretion.
29. The bids shall be opened online at Kannur University on the date mentioned in Invitation Bid. If the date fixed for opening happens to be a holiday/due to net failure/ due to technical issue, the tenders will be opened on the next working day, at the same time.
30. Bidders must not be blacklisted by any Government or Public Sector Undertaking (PSU).

GSTNo.ofKannuruniversity:32AAAGK0152J1ZT

DOCUMENTSTOBESCANNEDANDUPLOADED

1. Bidder Profile(as per format mentioned in Annexure1)
2. Scanned copy of valid registration certificate(GST) & PAN Card
3. Scanned copy of Preliminary Agreement in **Kerala Stamp Paper ofRs.200/-**(as per format mentioned in Annexure 2)
4. Scanned copy of relevant Brochure of the equipment including make & model and copy of its certifications like ISO Certification
5. Valid authorization certificate from OEM (in case of resellers)
6. Warranty certificate/details
7. Details of active/functioning Service Centres in Kerala/nearby regions
8. Details of previous installations.

Sd/-
Prof. (Dr.) Joby K Jose
Registrar

ANNEXURE1
BIDDERPROFILE

Sl. No.	Particulars	
Details of bidder(Firm/Company)		
1	Name	
2	Address	
3	Mobile Number	
4	Email & website	
Details of Authorized Person		
5	Name	
6	Address	
7	Telephone &Email	
Information about the company		
8	Status of Company (Public Ltd./Pvt. Ltd)	
9	Details of Registration of Firm (Provide Ref.)	
10	Number of Professionals	
11	Location and address of offices (in India & overseas)	
12	Service Tax Registration Number	
13	Income Tax Registration Number (PAN)	
14	GST Registration Number	

Signature of the Bidder

ANNEXURE-2

Preliminary Agreement

Articles of agreement executed on this the day of.....

.....between the Registrar, Kannur University (hereinafter referred to as “the University”) of the one part and Shri

..... (H.E. name and address of the tenderer) (hereinafter referred to as “the bounden”) of the other part.

Whereas in response to the Notification No..... dated the bounden has submitted to the University a tender for the

Specification therein subject to the terms and conditions contained in the said tender;

Whereas the bounden has also deposited with the University a sum of Rs..... as earnest money for execution of an agreement undertaking the due fulfillment of the contract in case his tender is accepted by the University.

NOW THESE PRESENTS WITNESS and it is hereby mutually agreed as follows:

1. In case the tender submitted by the bounden is accepted by the University and the contract for is awarded to the bounden, the bounden shall within.....days of acceptance of his tender execute an agreement with the University incorporating all the terms and conditions under which the University accepts his tender.
2. In case the bounden fails to execute the agreement as aforesaid incorporating the terms and conditions governing the contract, the University shall have power and authority to recover from the bounden any loss or damage caused to the University by such breach as may be determined by the University by appropriating the earnest money deposited by the bounden if the earnest money is found to be inadequate the deficit amount may be recovered from the bounden his properties movable and immovable in the manner hereinafter contained.
3. All sums found due to the University under or by virtue of this agreement shall be recoverable from the bounden and his properties movable and immovable under the provisions of the Revenue Recovery Act for the time being in force as though such sums are arrears of land revenue and in such other manner as the University may deem fit.

In witness where of Shri (name and designation) for and on behalf of the University and Shri.....(the Bounden) have hereunto set their hands on the day and year shown against their respective signatures.

Signed by Shri.....(date).....

In the presence of witnesses:

1.
2.