

KANNUR UNIVERSITY

THAVAKKARA, CIVIL STATION P.O.,

KANNUR, KERALA - 670002

Tel: 04972715243**e-mail: registrar@kannuruniv.ac.in, sopmud@kannuruniv.ac.in****NOTICE INVITING RE-TENDER (E-TENDER)**

The Registrar, Kannur University invites Re-tender (e-tender) in **Two Bid System (Two cover)** for the Supply, Installation, Testing and Commissioning of **Czerny-Turner Spectrometer with Detector, Source and Optical Power Meter** at the Department of Physics, Swami Ananda Theertha 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.

RE-TENDER SCHEDULE

Re-tender I D (e-tender)	2025_KnrU_782156
Description of Work	Supply, Installation, Testing and Commissioning of Czerny - Turner Spectrometer with Detector, Source and Optical Power Meter
Last date and time for online submission of e - Tender	30.08.2025, 11:00 AM
Date and time of tender opening	01.09.2025, 3:00 PM
Tender fee (Excluding GST)	₹ 1800
Earnest Money Deposit (EMD)	₹ 12000
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 from 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.	
Place of supply and installation	Department of Physics, Swami Ananda Theertha Campus, Payyannur, Kannur, Kerala - 670327

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

SPECIFICATION OF THE EQUIPMENT

Sl No.	Name of the equipment	Required quantity
1	Czerny -Turner Spectrometer with Detector, Source and Optical Power Meter	1

Spectrometer	<ul style="list-style-type: none"> i. Spectral range: To cover 350 to 1000 nm range ii. Spectral accuracy: < 0.5 nm iii. Grating: 830 Lines/mm or better iv. Fiber connector: SMA905 v. Detector type: CCD (350 - 1100 nm) vi. CCD Pixel size: 8 μm x 200 μm (8 μm pitch) or better vii. CCD Pixel number: 3648 or better viii. Resolution: 6 px/nm or better ix. S/N ratio: \leq 2000:1
Patch cable for spectrometer	<ul style="list-style-type: none"> i. Core diameter: 50 $\mu\text{m} \pm 2\%$ ii. Cladding diameter: 125 $\pm 1 \mu\text{m}$ iii. Coating diameter: 250 $\mu\text{m} \pm 4\%$ iv. Numerical Aperture: 0.22\pm 0.02 v. Wavelength range: 300 to 2400 nm vi. Connector type: SMA905
Laser Source	<ul style="list-style-type: none"> i. Wavelength : 637 nm ii. Output Power: 150 mW or better iii. Spatial Mode : TEM00 iv. $M^2 < 1.2$ v. Beam Asymmetry :\leq 1:1.2 vi. Beam Diameter : 0.7 +/- 0.1 mm vii. Beam Divergence :<1.3 mrad, full angle viii. Pointing Stability :<30$\mu\text{rad}/^\circ\text{C}$ (over 2 hours after warm-up and +/- 3$^\circ\text{C}$) ix. RMS Noise: \leq 0.05% (20 Hz to 20 MHz, rms) x. Peak to peak noise :<0.5% (20 Hz to 20 kHz) xi. Long term power stability: <2 % (8 hours, $\pm 3^\circ\text{C}$) xii. Warm up time :< 5 minutes (from cold start) xiii. Polarization ratio : 100:1, Vertical $\pm 5^\circ$ xiv. Laser Drive Modes : CW, Analog & Digital Modulation, Computer control xv. Digital Modulation: Maximum Bandwidth (MHz): 150 xvi. Rise Time (10% to 90%) (nsec): < 2

	xvii. Fall Time (90% to 10%) (nsec): < 2 xviii. Modulation Depth (extinction ratio): >1,000,000:1 at 0 Hz, >250:1 at 150 MHz xix. Heat Sink should be included
Optical power meter	1. Type: Digital console with photodiode sensor 2. Range: 50nW - 50mW, 400 nm - 1100 nm 3. Resolution: 1nW 4. Detector type: Si photodiode 5. Aperture: 9.5 mm
Warranty	Minimum 12 months and the supplier should take the responsibility of the replacement of any defective parts/items during the warranty period.
Installation	The unit and its components should be installed and demonstrated at the Department of Physics, Payyanur campus, Kannur University, free of charge.

Terms and Conditions

1. The tender fee and EMD should be remitted online (SBI MOPS), as indicated on the e-tender website. **The 18% GST on the tender fee must be remitted directly to the GST department by the bidder.**

Sl. No	Equipment	Tender Fee in Rupees (₹)			EMD (₹)
		Excluding GST	GST (18 %)	Total (₹)	
1	Czerny -Turner Spectrometer with Detector, Source and Optical Power Meter	₹ 1800	₹ 324	₹ 2124	₹ 12000

2. **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 from 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.**

3. Custom Clearance of the consignment including all the stages of custom clearance will be under the purview of supplier.

4. The tender should be submitted in two cover system (Technical bid & Financial bid). The bidders shall keep their rate firm for a period of **120 days**.

5. 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.

6. 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.

7. All bid/tender documents are to be submitted online only and in the designated cover(s)/envelope(s) on the

website.

8. Profile of Bidder as per Annexure 1 shall be provided.

9. The bidder should have the responsibility to attend the first level service if any complaint report.

10. 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.

11. 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.

12. The bid shall contain detailed technical specifications, Brochures and pamphlets of the item/items quoted.

13. All the claimed specifications (make, model, year of manufacture, warranty etc.) should be mentioned in the Brochure or Catalogue of the equipment.

14. All charges, taxes, duties and levies should be clearly indicated and the rate tendered should be inclusive of all taxes and other charges.

15. The installation, commissioning and the initial operation will be the responsibility of the supplier.

16. 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.

17. The payment will be made after completion of supply, installation and commissioning.

18. The final acceptance of the tenders rests entirely with the Kannur University who do not bind themselves to accept the lowest or any tender.

19. 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.

20. The bidder shall undertake to supply materials according to the standard sample and /or specifications.

21. No representation for enhancement of rates once accepted will be considered.

22. 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.

23. 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.

24. The bidder shall quote their rate in the standard BOQ provided, indicating the break up details.

25. The provisions of Kerala Stores Purchase Manual are applicable to this Tender and further proceedings.

26. The University reserves all rights to accept or reject any or all the tenders without assigning any reason whatsoever at its discretion.

27. 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.

28. Prices shall be quoted in Indian currency only.

29. Bidders must not be blacklisted by any Government or Public Sector Undertaking.

DOCUMENTS TO BE SCANNED AND UPLOADED

1. Bidder Profile (as per format mentioned in Annexure 1)
2. Bid Particulars (as per format mentioned in Annexure 2)
3. Scanned copy of valid registration certificate (GST) & PAN Card
4. Scanned copy of relevant Brochure of the equipment including make & model and copy of its certifications like ISO certification.
5. MSME firms - upload MSME certificate/ UDYAM registration certificate (**Refer T&C No. 2**)
6. Valid authorization certificate from OEM (in case of resellers)
7. Warranty certificate/details
8. Non blacklisting declaration by the bidder

Sd /-

Prof. (Dr.) Joby K Jose
Registrar

ANNEXURE 1**BIDDER PROFILE**

Sl.No.	Particulars	
Details of bidder (Firm/Company)		
1	Name	
2	address	
3	Telephone & 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

TECHNICAL BID (BID PARTICULARS)

1. Tender Number :-----
2. Name of the Bidder :-----
3. Full Address of the Bidder :-----
4. Name of the actual signatory of the
product(s) offered :-----
5. Bidder's proposal number and date :-----
- 6 . Name & Address of the officer to
whom all references shall be made
regarding the Tender :-----

Telephone :-----
Mobile :-----
E-mail :-----

Bidder Signature Name -----
Designation -----
Company -----
Date -----