

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 Laboratory Equipment at the Department of Zoology, Mananthavady Campus, Wayanad (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_768070
Name of work	Supply, Installation, Testing and Commissioning of Laboratory Equipment.
Last date for receipt of Tender	22/07/2025, 11 AM
Date and time of opening tender	25/07/2025, 3 PM
EMD	6,406/-
Tender fee	1,534/- (1300 + 234 GST)
Address of the officer to whom tenders are to be submitted	Registrar, Kannur University, Thavakkara Campus, Civil Station P.O Kannur- 670002
Place of supply and installation	Dept. of Zoology, Mananthavady Campus

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

e-Tender Helpline No: 0471-2577388/188

NAME & SPECIFICATION OF INSTRUMENTS

1. TRINOCULAR ZOOM STEREO MICROSCOPE

Quantity : 1

Magnification Range extends from 6.7X to 45X (using 10X Eyepieces) with a Zoom Ratio of 6.7:1 Outstanding depth of field and flatness, high fidelity colour reproduction, sharp, clear, high-contrast images and comfort View eyepieces for greater comfort and faster work	
Optical Body	Trinocular
Zoom Ratio	6.7:1
Eyepiece (Paired)	SWF 10X (F.N 22)
Magnification Range	0.67X – 4.5X
Total Magnification	6.7X – 45X

Eyepiece (Paired)	SWF 20X (F.N 22)	
Magnification Range	1.34X – 9X	
Total Magnification	13.4X – 90X	
Auxiliary Objective	2X Objective	
Magnification Range with 2X Lens	13.4X – 90X (using with 2X Axillary Objective & 10X Eyepiece)	
Magnification Range with 2X Lens	26.8X – 180X (using with 2X Auxiliary Objective & 20X Eyepieces)	
Zooming knob (11 Steps)	0.67X, 0.8X, 1X, 1.2X, 1.5X, 2X, 2.5X, 3X, 3.5X, 4X & 4.5X	
Total Magnification Range	0.67X – 180X	
Working Distance	110mm	
Video Camera adaptability	C - Mount (0.5X built in)	
Stand	LED Reflected / Transmitted illumination Stand	
Light source	Transmitted illumination	LED
	Reflected illumination	LED
Life spam of LED	6000 Hours	
Input rating	100-120V / 200-240 V .0.15/0.1 A. 50/60Hz	
Interpupillary Distance adjustment	52mm - 76mm	
Tube Inclination Angle	45°	
Diopter adjustment	+/-5diopter	
Manufactures support needed	<ul style="list-style-type: none"> i. The microscope Manufacturer required a Registered Branch Office in Kerala. ii. The Authorisation Letter from the Manufacturer has to be submit in the Company Letter Head of Kerala Brach Office. iii. Required Factory Trained Experienced Service Engineer from the Company Branch Office from Kerala 	
Warranty	Up to 3 Years	

2. DIGITAL CMOS CAMERA & SOFTWARE WITH 10MP RESOLUTION & 0.35X C-Mount

Adapter

Quantity : 1

Interface	USB -3
Application	Bright Field
Camera casing	Metal Alloy
Camera dimension	60 x 60 x 40 mm
Sensor size	1 /2.3"
Pixel size	1.67 x 1.67 micron
Sensor type	Aptima CMOS sensor
Resolution (Max)	3584 x 2748
FPS/Resolution	1.9@ 3548 x 2748
	8 @ 1792 x 1374
	27 @ 896 x 684
Binning	2 x 2, 4 x 4
DynamicRange	65.2 dB
Signal / Noise ratio	34 dB
Exposure time	0.4ms to 2000ms
Spectral range	380 -650 nm with IR Filter

White Balance	ROI White balance / Manual Temperature – Tint adjustment		
Image processing % enchantment	Image Calibration, Measurement & Image Control		
SOFTWARE			
Software Environment	Operating system	Microsoft Windows 10 / 11 (64 bit / 128 bit)	
	CPU	Equal to Intel dual core2 2.8GHz Or higher, Memory 200Gb or more,	
		USB port	USB – 3 (1 No) USB – 2 (3 Nos)
		RAM – 8Gb to 12 Gb	
Display	21" or larger & CD Rome		
Microscope Adapter	a. 0.35X C-Mount Optically Corrected Adapter with Focus adjustment & Focus Lock (using Allen key) b. Eyepiece Adapter for Camera usage through Eyepiece port		
Calibration Slide	Calibration slide with 1 Div. = 0.01mm for calibrating measurements in various units against different objective magnification of the Microscope		
Measurement units	Meter, Centimetre, Millimetre, Micrometre, Nanometre, Pico metre, Inch, Mil & Angstrom		
Warranty	Up to 3 Years		

Additional Doc:

The system must be provided with a set of installation, operating and troubleshooting manuals both in paper and software forms.

General Terms and Conditions

1. Those Bidders who can supply both the equipments only should participate in the Bid
2. The tender should be submitted in two cover system (Technical bid & Financial bid).
3. Prices shall be quoted in Indian Currency only.
4. **Tender fee and EMD should be remitted through online (SBI MOPS), but 18% GST amount on tender fee should be remitted to GST Department directly and should upload the receipt in the e-procurement portal.**

Sl. No	Item	Tender Fee (excl GST)	Tender Fee (18% GST)	EMD
1.	Laboratory Equipment	1300	234	6406

5.The bidders shall keep their rate firm for a period of **120 days**.

6.The bidder should upload along with his tender a preliminary agreement executed and signed in Kerala Stamp Paper of value of Rs.200/- as per format given.

7The 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 any other Nationalized or Scheduled bank, **as security** for the satisfactory fulfillment of the contract.

8.The total rate tendered should be inclusive of all taxes and other charges.

9.All bid/tender documents are to be submitted online only and in the designated cover(s)/envelope(s) on the website. Tenders/bids shall be accepted only through online mode on the website and no manual submission of the same shall be entertained.

10.Profile of Bidder as per Annexure1 shall be provided.

11.The earnest money of the unsuccessful bidders will be returned through ONLINE NEFT 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 fulfillment of the contract.

12.The bid shall contain detailed technical specifications, Brochures and pamphlets of all 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.The installation, commissioning and the initial operation will be the responsibility of the supplier.

15.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.

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

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

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

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

20.The supplier shall ensure the quality of the stores supplied.

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

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

23.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, the tenders will be opened on the next working day, at the same time.

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

25.The final acceptance of the tenders rests entirely with the University who do not bind themselves to accept the lowest or any tender. But the bidders on their part should be prepared to carry out such portion of the supplies included in their tenders as may be allotted to them.

26.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 fulfill 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.

DOCUMENTS TO BE SCANNED AND UPLOADED

1. Bidder Profile(as per format mentioned in Annexure1)
2. Bid Particulars(as per format mentioned in Annexure 2)
3. Scanned copy of valid registration certificate (GST) & PAN Card
4. Scanned copy of Preliminary Agreement in Stamp Paper of Rs.200/- (as per format mentioned in Annexure 3)
5. Scanned copy of relevant Brochure of the equipment including make & model and copy of its certifications like ISO certification.
6. Copy of payment receipt of tender fee and EMD
7. Copy of GST payment receipt of tender fee (18 % of tender fee)(MSME firms attach MSME certificate & UDYAM registration certificate)

8. Warranty details

Sd/-

REGISTRAR

ANNEXURE1
BIDDERPROFILE

Sl.No.	Particulars	
Details of bidder(Firm/Company)		
1	Name	
2	Address	
3	Telephone & Fax	
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 (nameand designation) for and on behalf of the University and Shri.

.....Boundenhavehereunto settheirhandsthe dayandyear shown against their respective signatures.

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

In the presence of witnesses:

1.
2.