

# UNIVERSITY OF KALYANI

Sealed tenders are invited for supply of **TRINOCULAR MICROSCOPE with DIGITAL CAMERA and SOFTWARE FOR LIVE IMAGE ANALYSIS** to **Dr. Kakali Sen, Department of Botany**, University of Kalyani. Last date for submission of quotation is **31<sup>st</sup> May, 2017**. For details please visit our website [www.klyuniv.ac.in](http://www.klyuniv.ac.in).

Sd/-  
Registrar

## Note To The Registrar

Please find enclosed the approval of the Vice-Chancellor towards tender notification for purchase of **TRINOCULAR MICROSCOPE with DIGITAL CAMERA and SOFTWARE FOR LIVE IMAGE ANALYSIS** to **Dr. Kakali Sen, Department of Botany**. Accordingly, the tender notification may be made at **Ei Samay**.

Cost for advertising the above will be provided out of respective Project Fund of Dr. Kakali Sen.

Kindly do the needful to publish the tender as per the above text at the said newspaper under **Classified Column**.

**Dr. Kakali Sen**  
**Department of Botany**  
University of Kalyani,  
Kalyani -741235

# UNIVERSITY OF KALYANI



## NOTICE INVITING TENDER

**Tender Ref. No. KU/NIT/BOT/KS/2017-18/01**

**Date: 22<sup>nd</sup> May, 2017**

Sealed tenders are invited for Supply of **TRINOCULAR MICROSCOPE with DIGITAL CAMERA and SOFTWARE FOR LIVE IMAGE ANALYSIS**, University of Kalyani from reputed vendors having valid up to date Trade License, I.T., VAT, Service Tax and Professional Tax clearance certificate and experience for at least last two years for supplying similar type of items.

Tender documents may be downloaded from the University website [www.klyuniv.ac.in](http://www.klyuniv.ac.in) and the same after filled up must be submitted in a sealed envelope addressed to **Dr. Kakali Sen, Department of Botany**, University of Kalyani, Kalyani, 741235, WB with a DD of Rs.500/- (non-refundable) for placing quotation. DD will be drawn on any Bank having Service Branch at Kalyani/Kolkata and be issued in favour of “University of Kalyani” payable at Kalyani.

**Last date of receiving tender document either by hand or by post: 31/05/2017 up to 4 p.m.**

- For specifications of the above items please refer **Annexure-A** of the Tender Documents.
- For furnishing basic information about the bidder, please refer **Annexure- B** of the Tender Document
- For submission of Quotation, Bidder must follow the Price Bid Format vide **Annexure – C** of the Tender Document.
- Bidders must comply the Terms and Conditions as mentioned in the **Annexure-D** of the Tender Document.
- Bidder must submit Undertaking form as mentioned in the **Annexure-E** of the Tender Document.

Sd/

**Dr. Kakali Sen,**  
**Department of Botany**  
University of Kalyani,  
Kalyani -741235

**Item to be purchased:**

**Name of the Instrument:**

**1. TRINOCULAR MICROSCOPE with DIGITAL CAMERA and SOFTWARE FOR LIVE IMAGE ANALYSIS (UPGRADABLE TO EPI FLUORESCENCE, PHASE CONTRAST IN FUTURE)**

**Specification:**

1. Infinity corrected optical system with Parfocal distance of 60mm.
2. Total Magnification 40X-1000X for Observation
3. Trinocular Eyepiece Tube (Inclination: 30°. Eye: Camera Port- 100:0, 0:100), 360° rotatable.
4. Interpupillary distance of 47mm-75mm.
5. Eyepiece Lens 10X with Field of View of 20mm, Built-in Diopter Adjustment on both the Eyepieces. Should be lockable to prevent damage or theft.
6. QUADRUPLE nosepiece reversed type.
7. Stage should be **REFOCUSING Type**. The Stage can be instantly dropped by pushing it down to exchange specimens or oil the slide, and then it returns to the original focusing position as soon as hand is removed.
8. Stage size should be rectangular 216 X 150mm, surface stage mounted on the main body. Stage should accommodate 2 slides at a time. Cross Travel 78(X) x54(Y) mm  
**STAGE SHOULD BE PROVIDED WITH UPPER LIMIT STOPPER** so that the Objective does not hit the specimen slide, protecting both from damage.
9. Objectives Plan Achromat 4x/0.10/30mm  
Plan Achromat 10x/0.25/7.0mm  
Plan Achromat 40x/0.65/0.65mm  
Plan Fluor 100x Oil/1.3/0.2mm
10. Abbe Condenser N.A 1.25 with Objective position guide marking
11. High Luminescent White LED illuminator with "Fly Eye Lens" for Uniform Illumination and Lamp Life of 60000 hours or more.
12. Fine/Coarse focusing-0.2mm/37.7mm per rotation. Focussing Stroke 26.5mm per rotation.
13. Should be "Anti mould" treated
14. Simple Polarizing Attachments with analyzer.

**DIGITAL CAMERA ATTACHMENT:** AT LEAST 5.5MP OR MORE RESOLUTION CCD/CMOS CAMERA WITH USB3.0 CONNECTIVITY, 2X2 PIXEL AVERAGING, EXPOSURE TIME: 100µsec-30sec, 15FPS OR MORE SPEED WITH 5MP OR MORE RESOLUTION, Q.E.>60%., SHOULD HAVE MANUAL, ONE TIME AUTOMATIC & CONTINUOUS AUTOMATIC EXPOSURE OPTIONS

**SOFTWARE:** Documentation software, Measurement acquisition, AVI Live-stream (Video Recording) capture, Live Image Capture, Calibration, Report generation, Exporting to excel, Measurement, count, length, area, angle, circle and ellipse, time-lapse etc.

**Suitable computer(with LCD monitor, cpu and ups) to be provided for image acquisition & analysis.**

**NOTE: MICROSCOPE, CAMERA & SOFTWARE SHOULD BE FROM SAME MANUFACTURER. IN CASE OF ANY QUERY, BIDDER MAY CONTACT DR. KAKALI SEN, DEPARTMENT OF BOTANY.**

**ANNEXURE-B****BASIC INFORMATION ABOUT THE BIDDER**

1.	Name of the Bidder	
2.	Address with telephone/ Mobile No.	
3.	Type of the Organisation (whether sole Proprietorship/ Partnership/ Private Limited for Cooperative body/ Welfare Trust etc.) (attach proof)	
4.	Name, Address & Phone Number of the Proprietor/ Partners/ Directors of the Agency with whom communication (if required) shall be made	
5.	PAN Number (a copy of PAN Card must be enclosed)	
6.	VAT Registration Number (a copy of VAT Registration certificate must be enclosed):	
7.	Trade License number (a copy of supportive document must be enclosed)	
8.	Credential Documents (Please submit copy of the purchase order for purchase made in last 3 financial years)	
9.	Average Annual Turnover for last 3 years(Please enclose Audited P/L Account for 2013-14,2014-15 & 2015- 16)	2013-14: Rs. 2014-15: Rs. 2015-16 : Rs.
10.	Particulars of bank draft of Rs.500/- (a) Bank Draft Number:  (b) date:  (c) Drawn on:	

**Declaration**

I solemnly declare that the information furnished above by me are true in the best of my knowledge and if subsequently it is found wrong the University will have every right to reject my tender/ terminate the contract.

Further, I undertake that I must follow the terms and conditions as per Annexure- D thoroughly and in case of any non-observance, I shall be bound to accept the decision of the University of Kalyani.

**Signature of the Bidder  
(With Seal)**

**ANNEXURE-C**

**PRICE BID FORMAT (To be prepared in Letter Head/Official Pad of the bidder)**

<b>Sl. No</b>	<b>Item Description</b>	<b>Brand Name (if any)</b>	<b>Basic Cost (Rs.)</b>	<b>VAT (if any) to be charged (Rs.)</b>	<b>Other Charges &amp; duty(Rs.) (if any)</b>	<b>Discount offered(if any) (Rs.)</b>	<b>Total quoted price (Rs.)</b>

**Note: The above format must be used while submission of Price Bid.**

**Signature of the Bidder  
(With Seal)**

**TERMS AND CONDITIONS**

**1. Bid Information:**

- a) Bid must be submitted properly in Foreign Currency. Corrections, if any, shall be made by crossing out accompanied with initial of the bidder and re writing.
  - b) All duties, taxes and other levies payable by the contractor under the contract shall be included in the total price but should be indicated separately in the price bid.
  - c) The rate quoted by the bidder shall be fixed for the duration of the contract and shall not be subject to adjustment on any account.
  - d) Bidder must mention the name of manufacturer and model number for each of the item.
  - e) Partial quotation within same item will not be accepted and tender will be rejected in that case.
2. Bid should be submitted into a single envelop addressed to **Dr. Kakali Sen, Department of Botany, University of Kalyani, Kalyani-741235** after mentioning Tender Ref. No. & date on the face of the envelop.
3. Cost of tender paper: Cost of tender paper @ Rs.500/- will be met by the bidder through Bank draft on any Bank having Service Branch at Kalyani/Kolkata drawn in favour of “University of Kalyani” payable at Kalyani/Kolkata . Such costs are non-refundable.
4. Evaluation of Quotation: The Purchaser will evaluate and compare the quotations determined to be substantially responsive.
5. Award of Contract: The purchaser will award the contract to the bidder whose quotation has been determined to be substantially responsive both technically and commercially. Purchaser reserves the right to reject any or all the tender, wholly or partly, without assigning any reason thereof and shall not be bound to accept the lowest bid.
6. Document in support of Manufacturer/Dealer and Service Provider has to be submitted along with the tender paper. If the bidder is not the manufacturer, proper manufacturer’s authorization and warranty from manufacturer is required.
7. Documents of previous experience for similar trade, at least for last 3 years, must be submitted along with the tender.
8. Bidder must have adequate documents relating to Trade License and updated returns for Income Tax, Professional Tax, Service Tax and VAT.
9. Bidder must submit audited Profit & Loss Account Statement for last 3 years ending 2015-16 ensuring the average annual turnover for the said three years not below Rs.50 lakh

10. Time Schedule: The supply must be completed within 15 days from the date of receipt of the purchase order.

11. Validity of offer: A bidder should spell out in the tender that it shall remain valid for a minimum period of three months from the date of opening of the tender and during this period, the bidder shall not be entitled to revoke or cancel its offer.

12. Place of delivery: **Dr. Kakali Sen, Department of Botany, University of Kalyani, Kalyani, Nadia, West Bengal, India, PIN-741235.**

13. **Payment be made after delivery of the items.**

14. In case of any dispute, the University's decision will be treated as the final and conclusive. All legal actions are subject to Kolkata jurisdiction only.

15. The tender documents shall be addressed and submitted to:

**Dr. Kakali Sen, Department of Botany, University of Kalyani, Kalyani -741235.**

16. **Last date of receiving tender document 31<sup>st</sup> May, 2017 up to 4 p.m.**

17. **No Tender Document will be received by the department after the above date irrespective of the mode of submission of tender document.**

18. **Quotation must be submitted through official pad of the bidder duly signed with seal and contact numbers of the respective person of the bidder concern.**

19. **Quantity as stated hereinabove may subject to change at the time of issuing purchase order due to the fund crunch or for other valid reasons. University may place order partially/ phase wise depending on its budget.**

20. **University may take decision about non-purchase of the said items even after selection of vendor due to its fund constraints.**

21. **University of Kalyani reserves the right to relax any clause as stated hereinabove for Selection of suitable vender.**

**ANNEXURE-E**

**UNDERTAKING FOR OBSERVING TERMS & CONDITIONS REGARDING CAR HIRE CONTRACT (to be submitted by the bidder in their official pad/letter head duly signed with seal)**

I/We, the undersigned, agree with the following Terms and Conditions:

1. That Bid will be valid at least for 3 months from the last date of submission of this tender.
2. That I/We will follow the guidelines framed by the University of Kalyani for Technical and Financial Bid Evaluation as well as the process of selection of vender.
3. That having examined the pre-qualification & other documents published in the N.I.T, I /we hereby submit all the necessary information and relevant documents for evaluation and in case of non-submission of any document, the decision taken by the University of Kalyani will be considered as Final.
4. That I have not ever been convicted of any offence making myself liable to be disqualified for entering into an Advertising Contract to any Govt. or Govt. undertaking Organization /Institution in the State of West Bengal or other State or States.
5. That no case is pending against me or against my firm in any criminal court of law in connection with any advertising activity or any contracts in relation thereto to the Govt. or Govt. undertaking Organization / Institution in the State of West Bengal or other State or States (If any case is pending, state the details ).
6. That my concern has not yet been declared bankrupt by any banking or money lending agency duly licensed by neither RBI nor it has been considered doubtful by any Government concern so far as the solvency of the organisation is concerned.
7. That I/We declare that all the information and documents as we furnished and submitted are true and proper to the best of my knowledge and belief. I also declare that if any information subsequently found incorrect or false will it automatically render the tender submitted by me cancelled and make me liable for penal/legal action as per law of the country.
8. That after completion of all sorts of evaluation of this tendering process, If my concern is selected, I will agree to enter into a contract with the University for the period as to be determined by the University at the time of awarding contract to my/our organisation.
9. That I agree with all terms & conditions that have been mentioned in the NIT.

**Signature of the Bidder with seal (if any)**