

## **TENDER FORM**

### **TENDER DOCUMENT FOR SUPPLY AND INSTALLATION OF BINOCULAR MICROSCOPE AND STEREOZOOM MICROSCOPE**



***Department of Zoology***  
**UNIVERSITY OF KERALA**

Kariavattom Campus, Thiruvananthapuram-695 581, Phone: 0471-2308566

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1. BIDDER DDETAILS

Registered Name and Address of bidder	
Communication Address	
<u>Other contact information</u> Telephone Office : Mobile : Email : FAX :	
<u>STATUS</u>	<u>OEM / DEALER / AGENT</u>

## 2. Notice Inviting Tender



# Department of Zoology UNIVERSITY OF KERALA

Kariavattom Campus, Thiruvananthapuram-695 581, Phone: 0471-2308566

Sealed competitive tenders are invited from reputed firms/ manufactures through e-Tender website [www.etenders.kerala.gov.in/](http://www.etenders.kerala.gov.in/) only for Supply of following items as per the minimum specification given below for **Department of Zoology**, University of Kerala, Kariavattom Campus.

1.	Name of work /Items and Quantity	<b>SUPPLY OF" BINOCULAR MICROSCOPE AND STEREOZOOM MICROSCOPE</b> <b>Binocular Microscope- Quantity-5 Nos.</b> <b>Stereo Zoom Microscope- Quantity- 3 Nos.</b>
2.	Tender No.	Zoo/PUR/ Tender1/2019-20 Dated 18.02.2020
3.	Cost of tender form/ Tender Submission Fee	Rs.1356/- (Thousand Three Hundred and Fifty-Six only)
4.	Earnest Money Deposit	Rs. 8000/- (Rupees Eight Thousand Only)
5.	Start Date of issue	19.02.2020
6.	Last Date of receipt of Tender/ Bid closing	04.03.2020
7.	Date and time of Opening Tender	06.03.2020 11A M
8.	Contact details for Technical Clarification	Dr. Dr G prasad, Dept of Zoology, University of Kerala, Kariavattom Campus Thiruvananthapuram Kerala 695581

		Tel: <a href="tel:9497254158">9497254158</a> Email: <a href="mailto:probios1@gmail.com">probios1@gmail.com</a>
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The interested bidders can download the Tender documents at free of cost from the e-GP Website [www.etenders.kerala.gov.in](http://www.etenders.kerala.gov.in) . A bid submission fee and EMD should be remitted online. All bid/ tender documents are to be submitted online only and in the designated cover/ envelope on the e-GP website. Technical bid and financial bid shall be submitted in the designated online cover. Detailed Terms and conditions and Technical Specifications are available in Tender documents.

The bids shall be opened online at the office of Dept. of Zoology, Kerala University on Date mentioned above. If the above date of opening tender happens to be on a holiday or due to any other valid reason, the tender opening process will be done on the next working day or the day fixed by the undersigned.

**The Head**  
**Dept of Zoology, University of Kerala,**

## **General Tender Terms & Conditions for e-Procurement**

This tender is an e-Tender and is being published online for the purchase *SUPPLY AND INSTALLATION OF BINOCULAR MICROSCOPES AND STEREOZOOM MICROSCOPE*. The tender is invited in Two cover system from the registered and eligible firms through e-procurement portal of Government of Kerala (<https://www.etenders.kerala.gov.in>). Prospective bidders willing to participate in this tender shall necessarily register themselves with above mentioned e-procurement portal.

The tender timeline is available in the critical date section of this tender published in [www.etenders.kerala.gov.in](http://www.etenders.kerala.gov.in).

### **A). Online Bidder registration process:**

Bidders should have a Class II or above Digital Signature Certificate (DSC) to be procured from any Registration Authorities (RA) under the Certifying Agency of India. Details of RAs will be available on [www.cca.gov.in](http://www.cca.gov.in). Once, the DSC is obtained, bidders have to register on [www.etenders.kerala.gov.in](http://www.etenders.kerala.gov.in) website for participating in this tender. Website registration is a one-time process without any registration fees. However, bidders have to procure DSC at their own cost.

Bidders may contact e-Procurement support desk of Kerala State IT Mission over telephone at 0471-2577088/188/388 or via email: [helpetender@gmail.com](mailto:helpetender@gmail.com) / [etendershelp@kerala.gov.in](mailto:etendershelp@kerala.gov.in) for assistance in this regard.

### **B). Online Tender Process:**

The tender process shall consist of the following stages:

- i. **Downloading of tender document:** Tender document will be available for free download on [www.etenders.kerala.gov.in](http://www.etenders.kerala.gov.in). However, tender document fees shall be payable at the time of bid submission as stipulated in this tender document.
- ii. **Pre-bid meeting:** No
- iii. **Publishing of Corrigendum:** All corrigenda shall be published on [www.etenders.kerala.gov.in](http://www.etenders.kerala.gov.in) and shall not be available elsewhere.
- iv. **Bid submission:** Bidders have to submit their bids along with supporting documents to support their eligibility, as required in this tender document on [www.etenders.kerala.gov.in](http://www.etenders.kerala.gov.in). Manual submission of bids will not be accepted under any circumstances.

- v. In case bidder encounters any technical issues pertaining to e-Procurement system while acting on the tender, computer screen shot of the error message with date & time stamp on the web-browser along with the query shall be e-mailed by the bidder to the help desk (**helpetender@gmail.com/ etendershelp@kerala.gov.in**), for resolution of the problem. At the same time, problem must be intimated to the concerned Tender Inviting Authority via email.
- vi. The time taken to ascertain, evaluate and suggest a solution for the problem reported by bidder may vary from case to case. Hence bidders are advised to submit the bid **at least 2 working days before the due date** and time of bid submission to avoid any last-minute issues that may come up.
- vii. **Opening of Technical Bid and Bidder short-listing:** The technical bids will be opened, evaluated and shortlisted as per the eligibility and technical qualifications. All documents in support of technical qualifications shall be submitted (online). Failure to submit the documents online will attract disqualification. Bids shortlisted by this process will be taken up for opening the financial bid.
- viii. **Opening of Financial Bids:** Bids of the qualified bidder's shall only be considered for opening and evaluation of the financial bid on the date and time mentioned in critical date's section.

**C). Documents Comprising Bid:**

**(i). The First Stage (Pre-Qualification or Technical Cover based on 1cover or 2 cover tender system):**

Pre-Qualification or Technical proposal shall contain the scanned copies of the following documents which every bidder has to upload:

- Letter from OEM (in case of dealer/Agent)
- List of users of the above equipment with contact details (Format attached)
- Min three copy of the purchase order/end user certificate if any
- Affidavit stating that "The bidder was not black listed"
- Registration Certificate of the Firm
- Tender form.
- Technical Specification Compliance statement (Format Attached)
- Tender Deviation Statement if any
- Technical Data Sheet of the Equipment
- Tender Agreement (Form of Agreement) (Format Attached)
- Affidavit regarding support for next 10 years on spares and service.

The department doesn't take any responsibility for any technical snag or failure that has taken place during document upload.

**(ii). The Second Stage (Financial Cover or as per tender cover system):**

The Bidder shall complete the Price bid as per format given for download along with this tender.

**Note:** The blank price bid should be downloaded and saved on bidder's computer without changing file-name otherwise price bid will not get uploaded. The bidder should fill in the details in the same file and upload the same back to the website.

**Fixed price:** Prices quoted by the Bidder shall be fixed during the bidder's performance of the contract and not subject to variation on any account. A bid submitted with an adjustable/ variable price quotation will be treated as non - responsive and rejected.

**D). Tender Document Fees and Earnest Money Deposit (EMD)**

The Bidder shall pay, a tender document fee of Rs. 1356 /- and Earnest Money Deposit of Rs. 8000/- The EMD is required to protect the purchaser against risk of Bidder's conduct, which would warrant the forfeiture of security.

**Online Payment modes:** The tender document fees and EMD can be paid in the following manner through e-Payment facility provided by the e-Procurement system

**State Bank of India Multi Option Payment System (SBI MOPS Gateway):** Bidders are required to avail Internet Banking Facility in any of below banks for making tender remittances in eProcurement System.

<b>A) Internet Banking Options (Retail)</b>			
1	Allahabad Bank	32	Kotak Mahindra Bank
2	Axis Bank	33	Lakshmi Vilas Bank
3	Andhra Bank	34	Mehsana Urban Co-op Bank
4	Bandan Bank	35	NKGSB Co-operative Bank
5	Bank of Bahrain and Kuwait	36	Oriental Bank of Commerce
6	Bank of Baroda	37	Punjab and Maharashtra Cooperative Bank
7	Bank of India	38	Punjab National Bank
8	Bank of Maharashtra	39	Punjab and Sind Bank
9	Bassein Catholic Co-operative Bank	40	RBL Bank
10	BNP Paribas	41	Saraswat Cooperative Bank
11	Canara Bank	42	ShamraoVithal Cooperative Bank
12	Catholic Syrian Bank	43	South Indian Bank
13	Central Bank of India	44	Standard Chartered Bank
14	City Union Bank	45	State Bank of India



15	Corporation Bank	46	Syndicate Bank
16	Cosmos Bank	47	Tamilnad Mercantile Bank
17	DCB Bank	48	Tamilnadu Cooperative Bank
18	Dena Bank	49	The Kalyan Janata Sahakari Bank
19	Deutsche Bank	50	TJSB Bank (Erstwhile Thane Janata Sahakari Bank)
20	Dhanalaxmi Bank	51	UCO Bank
21	Federal Bank	52	Union Bank of India
22	HDFC Bank	53	United Bank of India
23	ICICI Bank	54	Vijaya Bank
24	IDBI Bank	55	YES Bank
25	Indian Bank		
26	Indian Overseas Bank		
27	IndusInd Bank		
28	Jammu & Kashmir Bank		
29	Janata Sahakari Bank		
30	Karnataka Bank		
31	Karur Vysya Bank		
<b>B) Internet Banking Options (Corporate)</b>			
1	Bank of Baroda	21	Laxmi Vilas Bank
2	Bank of India	22	Oriental Bank of Commerce
3	Bank of Maharashtra	23	Punjab & Maharashtra Coop Bank
4	BNP Paribas	24	Punjab & Sind Bank
5	Canara Bank	25	Punjab National Bank
6	Catholic Syrian Bank	26	RBL Bank
7	City Union Bank	27	ShamraoViththal Co-operative Bank
8	Corporation Bank	28	South Indian Bank
9	Cosmos Bank	29	State Bank of India
10	Deutsche Bank	30	Syndicate Bank
11	Development Credit Bank	31	UCO Bank
12	Dhanalaxmi Bank	32	Union Bank of India
13	Federal Bank	33	UPPCL
14	HDFC Bank	34	Vijaya Bank
15	ICICI Bank	35	Axis Bank
16	Indian Overseas Bank		
17	Janta Sahakari Bank		
18	Jammu & Kashmir Bank		
19	Karur Vysya Bank		
20	Kotak Bank		

During the online bid submission process, bidder shall select **SBI MOPS** option and submit the page, to view the **Terms and Conditions** page. On further submitting the same, the e-

Procurement system will re-direct the bidder to MOPS Gateway, where two options namely **SBI** and **Other Banks\*** will be shown. Here, Bidder may proceed as per below:

- a) SBI Account Holders shall click **SBI** option to with its Net Banking Facility., where bidder can enter their internet banking credentials and transfer the Tender Fee and EMD amount.
- b) Other Bank Account Holders may click **Other Banks** option to view the bank selection page. Here, bidders can select from any of the 54 Banks to proceed with its Net Banking Facility, for remitting tender payments.

*\*Transaction Charges for Other Banks vide SBI Letter No. LHO/TVM/AC/2016-17/47 – 1% of transaction value subject to a minimum of Rs. 50/- and maximum of Rs. 150/-*

*\* Bidders who are using Other Banks option under SBI MOPS Payment Gateway, are advised by SBI to make online payment 72 hours in advance before tender closing time.*

Any transaction charges levied while using any of the above modes of online payment has be borne by the bidder. The supplier/contractor's bid will be evaluated only if payment status against bidder is showing "**Success**" during bid opening.

#### **E). SUBMISSION PROCESS:**

For submission of bids, all interested bidders have to register online as explained above in this document. After registration, bidders shall submit their Technical bid and Financial bid online on [www.etenders.kerala.gov.in](http://www.etenders.kerala.gov.in) along with online payment of tender document fees and EMD.

**It is necessary to click on "Freeze bid" link/ icon to complete the process of bid submission otherwise the bid will not get submitted online and the same shall not be available for viewing/ opening during bid opening process.**

## **Specifications**

### **A. RESEARCH BINOCULAR MICROSCOPE – 5 Nos**

ISO & CE certified

- Stand: Single mold Sturdy stand with anti-rust materials. Extended base for better stability with Ceramic Coated Stage Plate.
- Viewing Bodies: Ergonomic HEAD Binocular 0° - 25° tilting Head, 360° rotatable, IPD 47-75mm Adjustable 48-75mm. Vacuum coated Prism for better transmission and anti-fungus character.
- Eyepieces: Focusable wide Field eyepiece WF10x/22mm paired with foldable eye guards, Lockable, anti-fungus coating, graduated ring for setting of individual Eye Diopter.
- Nosepiece: Quintuple Reverse angle nosepiece (Ball bearing type) with click stops and rubber

grip, anti-fungus coating. PAR-CENTERED & PARFOCAL.

- Objectives: RP series DIN Infinity Corrected WF Plan Achromatic objectives: 2.5X , 4x, 10x, 40x (spring loaded), 100x Oil (spring loaded) anti-fungus coating. 4x &10x Objectives have long working distance
- Mechanical Stage: RACKLESS X-axis, Ceramic Coated double plate mechanical stage size 200 x 160mm X/Y travel range 76 x 40mm. Slide holder to accommodate up-to two slides.
- Condenser: Sub-stage abbe condenser NA 1.25 with aspheric lens and Iris Diaphragm. Rack and pinion movements on stainless steel guides. Day light blue filter provided. Optional Available with Flip Top Lens.
- Focusing: Co-axial coarse and fine focusing on gear systems for extremely smooth operation.
- Illumination: LED illumination with variable illumination control. Rechargeable Lithium Ion Battery Provide long Hours of Battery Backup in case of electricity failure.
  - With 3W white LED on proper Heat Sink
  - LED Life more than 50,000 Hours & Back-up Battery for use where Power Supply failure.
- ❖ All moving parts on Ball Bearing Guides to move highly sensitive & smooth working.
- ❖ Electrical: For LED Input 180v-250v AC with removable imported cord.
- PACKED in Styrofoam box, with operation manual, dust cover, cleaning cloth, power cord.

## **B. STEREO BINOCULAR MICROSCOPE- 3 Nos**

Optical System Greenough

Magnification Zoom 6:1

Eyepieces WF 10x/22mm Optional- 16X and 20X

Dioptre Correction  $\pm 5D$

IPD 50-75 mm

Viewing Angle Binocular,  $45^\circ$  and Trinocular,  $45^\circ$

Working Distance 110 mm

Magnification range 8x to 50x

Object field diameter 4.4 to 27.50 mm

Eye guards Foldable

Illumination control Incident Light- LED Ring Light with options of ARC and circular illumination with intensity control.

Front Angle Arc illumination with cluster of 11 LEDs

Rear Angled Arc illumination with cluster of 12 LEDs

Circular Illumination with cluster of 23 LEDs

Goose neck for extra illumination

Transmitted Light Two options one with detachable BF/DF (Bright field/Dark field)

Second with preconfigured mirror base for transparent objects

Auxillary Objectives 0.5x, 1.5x, 2x

Reticules For length measurement & counting

Camera adapters CCD adapters 0.3x, 0.5x, 0.63x DSLR adapters for Canon, Sony and Nikon

### **General Terms and conditions**

1. This Bid is **two cover**.
2. The bidder shall quote rate for each item in the BoQ. Incomplete BoQ is liable to be rejected. A split-up detail of financial quote in pdf format may also be uploaded. Incomplete & conditional tenders and tenders received after the due date will be summarily rejected without assigning any reasons thereof
3. The Bidder shall quote price in clear terms. **The rates quoted must be inclusive of all taxes, cost of supply at site, warranty and installation charges etc...**
4. The price should be quoted only in Indian rupees. The bid shall be typed and signed by the bidder.
5. All the documents mentioned above shall be submitted without fail.
6. The bidders are requested to visit the site if necessary, for the accuracy of the bid submitting.
7. **EMD and Tender Fee:** - The bidder shall furnish EMD and Tender Fee as mentioned in Quotation Notice. Exemption Certificate if any shall be uploaded.
8. **Forfeiture of EMD:** - The EMD shall be forfeited if the successful bidder neither signed the agreement nor furnish the performance security
9. **Performance guarantee:** - A performance guarantee equal to 5% of contract value shall be furnish by the bidder. The Performance guarantee will be forfeited if the firm

failed to complete the term and condition and will be released on successful completion of work and warranty of 1 year.

10. **Validity:** - The Bid will be valid for 120 days from its date of opening. Further extension can be done by mutual consent.
11. **Delivery:** - The item should be delivered at Department of Zoology University of Kerala, Kariavattom Campus.
12. **Installation and commissioning:** - The items shall be delivered and commissioned at the CLIF University of Kerala, Kariavattom Campus.
13. **Period of Completion:** - The work shall be completed within a period 45 days from date of agreement.
14. **Payment:** - The University will release the payment only after inspecting the work and satisfy that the supply is as per the requirements and on the basis of actual quantity executed. The payment will be made after successful completion of the supply on producing invoice in triplicate. The final bill shall be based on the actual quantity of supply made.
15. **Warranty/Guarantee:** - The supplier shall guarantee to repair/replace the items or its part -if found defective within the **warranty period of 1 year for items warranty of which are not mentioned Estimate**. The entire expenditure for repair/ replaces the item in this regard shall be borne by the supplier. Warranty shall be applicable for entire item.
16. In case of dispute arises, the decision of University authority shall be final and binding on bidders.
17. The undersigned reserves the right to reject or accept any or all the tenders received fully or partly without assigning any reason thereof.
18. General rules relating to purchase of materials/equipment's will also applicable to this tender.

**Sd/-**  
**The Head**  
**Dept of Zoology, University of Kerala**