

**SCHOOL OF ENVIRONMENTAL SCIENCES  
MAHATMA GANDHI UNIVERSITY  
KOTTAYAM-686560**

**SHORT TENDER NOTICE FOR PURCHASE OF EQUIPMENT**

**TENDER NOTICE No: SES/MGU/PLAN/EQP-1/2023**

**Date: 08.12.2023**

Competitive tender in sealed cover for supply of Trinocular polarizing microscope (Binocular with camera adapter) (1no) is invited from reputed firms and authorized dealers so as to reach the office of the undersigned not later than **3 p.m. on 20.12.2023**. Technical bid of the tenders will be opened on **20.12.2023** at **3.30 p.m.** in the presence of authorized representatives of tendered firms. The financial bid of the Tender will be opened on **21.12.2023** at 12.00noon

Sl. No.	Scheduled Item	Specifications	E.M.D Rs	Tender Fees
01	Trinocular polarizing microscope (Binocular with camera adapter) (1 no.)	Attached as Annexure -IV	2.5 % of the Estimated	2250

**Director**

School of Environmental Sciences, M.G.U

**NOTE: (1) PLEASE SEE THE ANNEXURES I, ANNEXURE II, ANNEXURE III and**

**ANNEXURE IV ATTACHED BELOW**

**(2) ALL THE DOCUMENTS RELATED TO THE TENDER CAN BE DOWNLOADED FROM THE UNIVERSITY WEBSITE- [www.mgu.ac.in](http://www.mgu.ac.in), in the section "Quotation/tender"**

## **ANNEXURE I**

### **General Terms and Conditions**

1. The main envelop should be super scribed: **“Tender for Trinocular polarizing microscope (Binocular with camera adapter)”**
2. The nonrefundable application fee of accompanied with tender for each item. The application fee must be as **D.D.drawn infavour of Finance officer, M.G.University.**
3. Tenders must accompany a copy of the “General Terms and Conditions, Annexure I and Annexure II and III” section of this document, signed and stamped on each page indicating that they agree to these.
4. Last date of submission of tender along with requisite fee, EMD and all documents is **20.12.2023**. The DD for EMD or any other accepted document must be drawn in favor of

**Director, School of Environmental Sciences, M. G. University, Kottayam, Kerala payable at SBI Mahatma Gandhi University Campus Branch.**

5. The Delivery Schedule, Payment Terms & Warranty/Guarantee etc must be clearly indicated in the technical bid. The charges for extended warranty and/or Annual Maintenance Contract after the expiry of offered warranty period should also be specified in the financial bid.
6. The manufacturers’ printed literature/catalogue/drawing/user’s list in respect of range of product being quoted should also be submitted with the offer.

### **Other requirements for delivery and complete installation**

1. Delivery at School of Environmental Sciences, Mahatma Gandhi University, Kottayam
2. All other requirements for satisfactory installation of **equipment**.
3. It will be the responsibility of the supplier to deliver the ordered materials at School of Environmental Sciences, Mahatma Gandhi University, Kottayam.
4. All required materials for satisfactory installation are to be provided by the supplier at their own cost.

**ANNEXURE II:**  
**TENDER FORM PART-I (TECHNICAL BID)**

PART-I (TECHNICAL BID) OF TENDER NO:

Last date for receipt:

Due date for opening Part –I (TECHNICAL BID):

Tenderer's Offer No:

Date:

From,

M/s. ....

.....

To,

Director

School of Environmental Sciences, M. G. University,

Kottayam, Kerala, India

Dear Sir,

I/We have gone through the tendering conditions pertaining to the Tender and General Terms and Conditions of Contract and other requirement for delivery and complete Installation and Special Conditions of Contract contained herein with this tender document. I/we hereby agree to supply the stores conforming to the tender specifications incorporated in ANNEXURE I of the tender document and also agree to abide by your General Conditions of all Contracts and Special Conditions of Contract contained in the ANNEXURE I of the Tender document.

You will be at liberty to accept any or more of the items of stores offered by us and I/we shall be bound to supply you the stores as may be specified in the Purchase Order/Contract. I/We hereby agree to keep the price valid for your acceptance for a period of 30 days from the date of opening of Part-II (Financial bid) of the tender

I/We are also enclosing herewith all the leaflets catalogue etc. pertaining to the stores offered.

Yours faithfully

Stamp and Signature of the Tenderer

### **ANNEXURE III: TENDER FORM PART-II (FINANCIAL BID)**

PART-II (FINANCIAL BID) OF TENDER NO:

Last date for receipt:

Due date for opening Part –II (FINANCIAL BID):

Tenderer's Offer No:

Date:

From,

M/s. ....

.....

.....

To,

Director

School of Environmental Sciences, M. G. University,

Kottayam, Kerala, India

Dear Sir,

In response to your invitation and as per your tendering and contracting conditions, the prices applicable for the scope of supply contained in ANNEXURE-I (TECHNICAL BID) of our tender are indicated in the format at annexure "A" to this tender.

We hereby agree to keep the price valid for your acceptance for a period of 30 days from the date of actual opening of Part-II (FINANCIAL BID) of the tender.

Yours faithfully,

Stamp and Signature of the Tenderer

#### ANNEXURE- IV

Sl. No.	Item	Specification for Instrument	Quantity
1	Trinocular polarizing microscope (Binocular with camera adapter)	<p>Observation mode: Brightfield transmitted polarized light and conoscopy</p> <p>Bertrand lens and polarizing attachment: Swing-out type with centering mechanism for observation in conoscopy / orthoscopy. Rotatable analyzer from 0° to 90° with graduated scale.</p> <p>Tint plates: 1° order red (<math>\lambda</math>); <math>\lambda/4</math>; Quartz wedge</p> <p>Head: Trinocular (fixed 50/50), 30° inclined, 360° rotating</p> <p>Interpupillary distance: Adjustable between 48 and 75 mm</p> <p>Dioptric adjustment: On the left eyepiece tube</p> <p>Eyepieces: WF10x/20 mm, high eye-point and secured by screw. One with crosshair.</p> <p>Nosepiece: Quadruple revolving nosepiece, rotation on ball bearings. Centering system for each objective</p> <p>Objectives (strain-free): IOS N-PLAN POL 4x/0.10 IOS N-PLAN POL 10x/0.25 IOS N-PLAN POL 40x/0.65 IOS N-PLAN POL 60x/0.80 All with anti-fungus treatment</p> <p>Specimen stage: Rotatable stage with locking mechanism. Vernier scale with accuracy 0.1 mm. Diameter 160 mm. Specimen slide clamps</p> <p>Focusing: Coaxial coarse (adjustable tension) and fine focusing mechanism with a limit stop to prevent contact between objective and specimen.</p> <p>Condenser: Abbe N.A. 1.25, with objective-coded iris diaphragm, focusable and centerable. With a rotating polarizing filter</p> <p>Transmitted illumination (Fixed Koehler type): X-LED3 with white 3.6 W LED (6.300 K) with brightness controls. Fixed Koehler, Multi-plug 100-240Vac/6Vdc external power supply.</p> <p>Manufacturers Certifications: CE, UNI EN ISO 9001, TUV SUD, ISO 13485, IVD</p> <p>Performance Certificate: From universities or colleges for the same type and make instrument.</p> <p>Service centers Should be available in Kerala</p>	1 No.