

INDIAN INSTITUTE OF TECHNOLOGY GOA

At Goa Engineering College Campus

Farmagudi, Ponda, Goa 403401

E-mail: purchase@iitgoa.ac.in

Enquiry No: IITGOA/2018-19/058

Date: 01/01/2019

IIT Goa invites sealed quotations in two bid format for the supply of below mentioned item.

Sl. No.	Description of Item	Qty
1	High WD Regular Microscope (Detailed Specifications Attached)	02 Nos.

Terms and conditions:

1. Quotation must be valid for at least 90 days.
2. The GSTIN should invariably be mentioned in your offer.
3. Kindly attach a compliance certificate along with the technical quote.
4. Prices should be quoted in Indian Rupees inclusive of taxes and any shipping charges.
5. Delivery and installation should be made within 4 weeks of getting a confirmed order.
6. Payment: Within 30 days after the delivery and installation of the item at IIT GOA.
7. The suppliers shall provide the banking details along with their quote on their letterhead duly signed and stamped.
8. IIT Goa reserves the right to accept and/or reject any/all bids without assigning any reason.
9. Quotations shall be submitted in two parts;
 - 1) **Part – I (Technical)** should contain all the technical details and specification of the product. It should contain unpriced bid along with terms and conditions, compliance certificates, proprietary certificates (if applicable), any other certificates/details etc. This envelope should be marked as “Technical Bid”
 - 2) **Part -II (Financial)** The financial bid of the above item should be in a sealed envelope marked as “Financial Bid” and should contain financial terms and conditions.
10. For any clarification, you may kindly contact Dr. Arindam Das (e-mail: arindam@iitgoa.ac.in) and Stores & Purchase Department (email: purchase@iitgoa.ac.in) till 11/01/2019.
11. All sealed quotations must reach to the Assistant Registrar (Stores & Purchase), IIT Goa, at Goa College of Engineering Campus, Farmagudi, Ponda, Goa by 17.00 Hrs on or before 22nd January, 2019”.

Sd/-

Asst. Registrar (S&P)

Technical Specifications of High Working Distance Zoom Microscope (Quantity 2)

High Working Distance Zoom Microscopes should have following Technical Specifications

Microscope 1

- 1) Total magnification range should be 10X or less to 50X or more with field of view 5mm or less to 30mm or more.
- 2) Working distance at highest magnification should be 170 mm or more.

Microscope 2

- 1) Total magnification range should be 50X to 300X or more with field of view 0.5mm to 5mm.
- 2) Working distance at highest magnification should be 30mm or less.

Common requirements for microscope 1 and microscope 2

- 1) Maximum to minimum zoom ratio value of the main zoom microscope body should be 7:1 or greater.
- 2) Possibility of attaching different objective lens should be there. Other objective lenses must be quoted separately as optional items.
- 3) Horizontal knob based zoom drive should be present.
- 4) There should be proper indicating marks for different zoom/magnification with click stop for each zoom/magnification.
- 5) LED and optical fiber based transmitted and reflected illumination arrangement should be there.
- 6) Microscope should have both reflection (bright field and dark field) and transmission modes. Optional fluorescence attachment with coaxial illumination and different high performance filters (quote as an optional item).
- 7) Extendable eye point adjuster with range of 50mm or less to 150 mm (with attached scale).

- 8) Microscope should have trinocular arrangement with proper optical tube where both C and F mount based commercially available DSLR camera can be mounted. C /F mount camera adapters should be provided as well.
- 9) Reflection mode Lighting arrangement should have option of both perpendicular (ring light preferable or coaxial light with light guides) and angular (Variable angle 5° - 50 ° is preferable). All light sources should have brightness control.
- 10) Camera provided by the manufacture should be quoted as an optional item and should be coated separately.
- 11) The camera should have proper interface with PC with most updated version of windows based software capable of capturing images and recording videos. This should be quoted separately as optional item.
- 12) Microscope should have high quality transparent glass plate with minimum 100 mm of diameter for imaging transparent samples in transparent imaging mode.
- 13) Additional black and white stage plate should be included in the quotation.
- 14) Free installation including demo of handling and safety precautions.
- 15) Must provide a user manual.
- 16) Should have user-friendly menu.
- 17) 5 Years comprehensive warranty. In case warranty is less than 5 years, AMC must be quoted after warranty period is over.
- 18) Bidders must ensure supply of spare parts till minimum of 5 years after warranty period.
- 19) Additional features/accessories if any that can potentially increase the productivity and safety of the instrument should be quoted as optional items.

Miscellaneous:

- 1) Quoted brand and model must have significant presence among globally reputed research labs and academic institutes like IITS/IISERS etc. After Sale, Service should be available promptly.
- 2) Bidder should supply the complete list of users (of quoted model) from national labs and IITS/IISER along with their contact information.
- 3) Supplier should have annual turnover of 10 Cr INR or more.
- 4) All optional accessories compatible with the quoted model must be quoted separately.