



INDIAN INSTITUTE OF TECHNOLOGY, KANPUR
GT ROAD, KALYANPUR, KANPUR – 208016
UTTAR PRADESH, INDIA

TENDER REFERENCE NO.: IITK/CHM/SCXRD/MS/2022-23

Bid Submission End Date- 17.06.2022

Extended Bid Submission end Date- 01.07.2022

Tender Document

For

“Purchase of Stereo Microscope”

Tender document

Department of Chemistry
Indian Institute of Technology Kanpur
Kanpur (UP) 208016 India

Tender Ref. No.: IITK/CHM/SCXRD/MS/2022-23

Bid Submission Start Date: 7.06.2022

End Date: 1.07.2022 17:00 hrs

Sealed quotations are invited for Purchase of Stereo Microscope in two bid system ie. Technical bid & Financial bid.

Both Technical bid and Financial bid in separate envelops must be kept in a big envelop which must be superscribed by **Name of Tender, Tender Reference number and bid submission end date**. Only Technically qualified bidders will be eligible for opening of financial bid.

The detailed specifications and address for bid submission is given below:

Technical Specification for “Stereo Microscope”

Apochromatic stereomicroscope system with a zoom ratio of 9:1 or higher.
The observation tube with an eyepiece tube inclination/viewing angle of 35-38 degrees. The eyepieces 10x/23 (x2) should have adjustable diopters and should be suitable for eyeglass wearers and non-eyeglass wearers.
The entire optics should be apochromatically corrected, with a total magnification of 6x-55x or greater (with Apochromatic 1.0x objective and 10x eyepiece).
The microscope should have a resolution of 250 line pairs per mm or higher with 1x APO objective
The eyepiece should be 10x (pair) with a field of view 23mm or more with diopter adjustment for both eyes. The objective should have a working distance of 120 mm or more.
The microscope should have an incident light base with black & white stage plate, Approx. Dim. (LxWxH) 275 mm or higher x 220 mm or higher x 60 - 80 mm. For transparent specimens, stage shall have rotatable and moving clear and frosted reflector along with 120mm clear glass plate.
Stage shall be equipped with Transmitted light LED. Polarizer and analyser is required for Transmitted light samples.
The microscope should have a focus column of height 300 – 350 mm, max. Focus travel range 130 - 140 mm or greater, with adjustable focus drive.
Anti-mold design to ensure protection from contamination while working in hot and humid environments.
MICROSCOPE CAMERA (10 MEGAPIXELS) WITH MEMORY CARD, SOFTWARE
High definition 10 megapixels colour CMOS camera with SD memory card slot for direct image acquisition. In other words, the camera should have stand-alone functionality with capture control directly on camera.
The camera should have provision to control through PC. Live display at full HD should be 30 – 40 fps or better.
Software: Microscope and Digital Camera Configuration and Control all fully integrated System, Auto and Manual Exposure adjustments to allow optimized imaging. It should control the camera features gain, binning, gamma, region of interest, image viewer including linear measurement, annotations, image gallery and image comparison, Adjust contrast, brightness and gamma on every image, Merge, crop.

All the user touchpoints from microscope operation should be Anti-Microbial Treated. The internal optical path should be protected from dust – any special demonstrable design of all junctions will be considered an added advantage that will minimise requirement of servicing of the internal optical components.

Complete hardware & software including Digital Scientific Camera should be from single manufacturer only and no hybrid system components are allowed in order to achieve maximum efficiency with Reproducibility & Repeatability is achieved. Technical details and catalogue shall be available on manufacturer's website with model details.

Quotations must reach on or before the bid submission end date to the address given below:

Prof. J. K. Bera

Department of Chemistry
Indian Institute of Technology Kanpur
Kanpur 208 016, India
Email: jbera@iitk.ac.in

Terms and Conditions:

1. All equipment must be compatible with Indian electrical standards and codes. Engineering documentation on the physical sizes and weights of all major and minor components must be submitted.
2. TENDER Specific Manufacturer Authorization Form from OEM Required.
3. IIT Kanpur is partially exempted from payment of GST (@5% only), IIT Kanpur will provide GST exemption certificate for the same (Govt. Notification and date of issue: 47/2017-Integrated Tax (Rate), dt. 14-11-2017).
4. The Institute reserves the right of accepting or rejecting any/all quotations without assigning any reason thereof.
5. Custom Duty Exemption Certificate will be provided, if applicable.
6. All prices should be **F.O.R.**
7. Installation by OEM is preferred.

TENDER ACCEPTANCE LETTER
(To be given on Company Letter Head)

Date: _____

To,

Sub: Acceptance of Terms & Conditions of Tender.

Tender Reference No: _____

Name of Tender / Work: -

Dear Sir,

1. I / We have downloaded / obtained the tender document(s) for the above mentioned 'Tender/Work' from the web site(s) namely: _____ as per your advertisement, given in the above mentioned website(s).

2. I / We hereby certify that I / we have read the entire terms and conditions of the tender documents from Page No. _____ to _____ (including all documents like annexure(s), schedule(s), etc .), which form part of the contract agreement and I / we shall abide hereby by the terms / conditions / clauses contained therein.

3. The corrigendum(s) issued from time to time by your department/ organisation too have also been taken into consideration, while submitting this acceptance letter.

4. I / We hereby unconditionally accept the tender conditions of above mentioned tender document(s) / corrigendum(s) in its totality / entirety.

5. I / We do hereby declare that our Firm has not been blacklisted/ debarred/ terminated/ banned by any Govt. Department/Public sector undertaking.

6. I / We certify that all information furnished by our Firm is true & correct and in the event that the information is found to be incorrect/untrue or found violated, then your department/ organisation shall without giving any notice or reason therefore or summarily reject the bid or terminate the contract, without prejudice to any other rights or remedy including the forfeiture of the full said earnest money deposit absolutely.

Yours Faithfully,
(Signature of the Bidder, with Official Seal)

Declaration for Local Content

**(To be given on Company Letter Head - For tender value below Rs.10 Crores)
(To be given by Statutory Auditor/Cost Auditor/Cost Accountant/CA for tender value above
Rs.10 Crores)**

Date: _____

To,
The Director,
Indian Institute of Technology Kanpur,
GT Road, Kalyanpur, Kanpur -208016

Sub: Declaration of Local content

Tender Reference No: _____

Name of Tender / Work: - _____

1. Country of Origin of Goods being offered: _____
2. We hereby declare that items offered has ____% local content.

“Local Content” means the amount of value added in India which shall, be the total value of the item being offered minus the value of the imported content in the item (including all customs duties) as a proportion of the total value, in percent.

“False declaration will be in breach of Code of Integrity under Rule 175(1)(i)(h) of the General Financial Rules for which a bidder or its successors can be debarred for up to two years as per Rule 151 (iii) of the General Financial Rules along with such other actions as may be permissible under law.”

**Yours Faithfully,
(Signature of the Bidder, with Official Seal)**