

Quotations

are invited

for

Microscope

at IIT (BHU), Varanasi

Tender No.: IIT(BHU)/SMST/2022-23/Q.Enq/05

Tender Date: 05.08.2022

Last Date & Time of Bid Submission: 26.08.2022 by 03:00 PM.



**School of Materials Science and Technology
Indian Institute of Technology
(Banaras Hindu University)
Varanasi-221005**

Email: Coordinator.mst@itbhu.ac.in
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**SCHOOL OF MATERIALS SCIENCE AND TECHNOLOGY
INDIAN INSTITUTE OF TECHNOLOGY
(BANARAS HINDU UNIVERSITY)
VARANASI – 221005**

REQUEST FOR QUOTATION

Sub.: Request for Quotation for Microscope at IIT (BHU), Varanasi

To
The Prospective Bidder

Dear Sir,

Indian Institute of Technology (BHU), Varanasi is in the process of purchasing following item(s) as per details given as under. Accordingly, you are hereby requested to submit your valid and firm quote in SEALED ENVELOPE for supply, installation, commissioning, certification etc. for below mentioned specifications as per the terms & conditions indicated herein below in respect of the following items. Your bid MUST be reached to Coordinator, SMST, IIT (BHU) Varanasi - 221005, U.P. within due date.

SL. NO.	Name of Items	Description / Technical Specification	Quantity
1	Microscope	As per Annexure I-C	01

Please Note:

You are requested to kindly go through the detailed Terms & Conditions mentioned below and overleaf and submit your most competitive bid applicable to Educational and Research Institutes/IITs.

1. Please mention the enquiry no. & due date on the Bid envelop.
2. Full specification and make of the item offered and its rate F.O.R. Varanasi.
3. GST at concessional rate as applicable to IITs.
4. Your GST registration number, PAN number.
5. Conditions of supply and terms of payment.
6. If you are a manufacturer of the item or if you have proprietary right over it, please mention it in the quotation and provide a certificate.
7. Please give undertaking as per Annexure-I-A, I-B and quote the price in Annexure I-D.
8. If the bidder is an authorized dealer, then copy of authorization certificate must be enclosed with the quotation.
9. The Bank/RTGS detail must be submitted along with the quotations/Tenders on the letter head.
10. All communications related to this tender should be addressed to the undersigned only.

Terms & Conditions

The offer must comprise of the following failing which it will be treated as non-responsive hence rejected:

1. **Price:** The bidder needs to quote the price in price bid format (Annexure I-D).
2. **Taxes and Levies:** Taxes as applicable should be mentioned clearly in percentage (%) and in exact Figure. If No Tax is mentioned it will be presumed that the Price is inclusive and the Bidder is responsible for all Tax related Compliances. Statutory Levies will be accepted on production of valid documents.
3. **Concessional GST is applicable to IITs.** Certificate will be provided as and when required.
4. **Discounts:** The bidder need to mention clearly the exact figure of discount offered to IIT (BHU) being an Institution of National Eminence and also the Percentage, if any.
5. **Custom Exemptions:** IIT BHU, Varanasi being an academic Institute is entitled for payment of Concessional Customs Duty on import of Scientific Instruments for Academic and Research purposes in

terms of *Govt. Notifications* and payment of IGST on Import. Institute will provide the required certificates as and when required.

6. **Delivery Terms:** FOR, IIT BHU, Varanasi destination Campus. Rates should be quoted accordingly.
7. **Delivery Schedule:** Delivery within **60 days**. Items should be delivered only on Working Days (Monday to Friday) during office Hours only.
8. **Terms of Acceptance:** The items will be **Accepted** only after Inspection for Features and Functions. This includes delivery, installation & commissioning, inspection, demonstration, Training schedule etc.
9. **Specification and Make:** Quotation should confirm the exact specification and make, Model, if any shown in the enquiry against Sl. No. of the item. In the view of the supplier there is any other alternative item which can serve out purpose, quotation may also be given for the same separately client list along with the order copy of similar equipment supplied to any IITs/ any Govt. Organization including detail of price & all charges must be attached.
10. In the case of items quoted having specifications different than those mentioned in the enclosed Tender format, kindly submit the information and the prices in the same format but on additional Sheet.
11. **Insurance:** The date of delivery should be strictly adhered to failing which the purchase order is liable to be cancelled. Penalty may be imposed as per P.O. terms & conditions. Goods should be securely, safely and adequately packed & dispatched and delivered at the risk of supplier. In case of damage consignment the same should be replaced without any cost to the Buyer and the supplier can collect the damaged consignment after satisfactory replacement.
12. **Payment:** Payment will be released through wire transfer/bank RTGS transfer/Cheque after arrival,testing, inspection, installation of the item(s) and if found satisfactory with regard to quality, quantity and specifications ordered. The payment will be released after statutory deductions. For the payment, the firm has to submit bill(s), challan(s), warranty certificate, bank details/cancelled cheque, installation report, performance bank guarantee (if required) etc.
13. **Guarantee/Warranty:** The equipment should be guaranteed onsite against any manufacturing defect for a period of at least **02 year** by OEM from the date of installation and final acceptance.
14. In case any part or whole of the equipment is found to be defective during the guarantee period, then the same will have to be replace/repared free of cost at our premises. In case the Part or Equipment is to be taken out of IIT (BHU), Varanasi, the Supplier has to furnish an undertaking and also take it at their own cost and Risk.
15. **Liquidated Damages:** As Time is the essence of this order, the date of delivery should be strictly adhered to, otherwise the delivery in full or in part may not be accepted and penalty for late delivery will be imposed @ 1% per week subject to a maximum of 10% of the total value of supply order & beyond 10% subject to approval of IIT (BHU), Varanasi. In case of delay in installation and Commissioning, Inspection, Certification etc. also the same rate of penalty shall be leviable.
16. **Cancellation:** IIT BHU, Varanasi reserves the right to reject or cancel this tender and/or any or all quotations at any stage without assigning any reason thereof.
17. In case of cancellation of order due to Non-compliance of the Terms and Condition and Breach of the Contract, No compensation will be paid towards progress of order/procurement. Suitable penalty may also be imposed including financial penalty by the Institute. No communication in this regard shall be accepted.
18. For any dispute, the place of jurisdiction shall be Varanasi, UP, India only.



Coordinator

Coordinator/समन्वयक

School of Materials Science & Technology/पदार्थ विज्ञान एवं प्रौद्योगिकी स्कूल
Indian Institute of Technology/भारतीय प्रौद्योगिकी संस्थान
(Banaras Hindu University), Varanasi/काशी हिन्दू विश्वविद्यालय, वाराणसी

INDIAN INSTITUTE OF TECHNOLOGY (BHU) VARANASI

TO BE ENCLOSED MANDATORILY WITH THE QUOTATION

Following proforma should be filled in and duly signed by the firm and sent alongwith the quotation. (Please refer to the detailed instructions/notes before filling this proforma).

1. Validity of the offer :
2. Approximate Delivery Period :
3. (a) Whether rates have been quoted F.O.R. site and covers packing forwarding and insurance charges. : YES / NO
(b) If not, please mention the same :
4. (a) Whether the prices are inclusive of GST and : other taxes. YES / NO
(b) If not, kindly specify the amount / rate :
5. If the GST is charged extra, please mention the rate :
6. (a) Whether supply will be made directly or through any Local / Regional / Authorized Dealer / Stockist : Directly/Stockist/Authorized Dealer
(b) If through a Stockist / Dealer: -
(i) Name and full address of the Party :
(ii) Whether the order to be placed with the : Principal / Stockist / Dealer
(iii) Who will raise the bill : Principal / Stockist / Dealer
(iv) Payment will be made in favour of : Principal / Stockist / Dealer
(v) Whether any Delivery, Packing and Forwarding Charges will be payable to local Stockist/Dealer : YES / NO
(Please specify the amount/percentage etc, if any)
7. Our terms of payment : 100% Payment on bill basis
8. Whether any installation charges are payable extra. : YES / NO
If yes, amount to be specified. :
9. Whether any discount for educational institution : offered on the printed price list of the manufacturer. : YES / NO
Please mention the amount / percentage. :
10. Whether the product bears I.S.I. Mark. : YES / NO
If yes, please mention the I.S.I. License no. :
11. (a) Whether the firm is GST payer. : YES / NO
If yes, please mention the GST Number. :
(b) Whether the Local Dealer(s) is / are GST payer(s) : YES / NO
If yes, please mention the GST number of each :
12. Whether printed / authenticated price list of the Firm's Products and Catalogue etc. enclosed. : YES / NO

Signature of the Authorised Official with Seal

TO BE RETURNED WITH QUOTATION

UNDERTAKING

WE HEREBY UNDERTAKE THE FOLLOWING:

1. We will not sell the product (s) to other institutions, bodies and also in the market on the rates less than those quoted by us to IIT(BHU).
2. The GST levied is as per Govt of India norms amended from time to time.
3. The goods / Stores / articles offered shall be of the best quality and workmanship and their supply will be strictly in accordance with the technical specifications and particulars as detailed in the quotation.
4. The information furnished by us in the quotation is true and correct to the best of our knowledge and belief.
5. We have read and understood the rules, regulations, terms and conditions including amendments, if any of this tender and agree to abide by them.

Authorised Signatory
(Seal)

Technical Specifications

Item name: Microscope

Specifications for Microscope

- Optical System: Anti-Mold optics for phase contrast with analyser and polarizer.
- Viewing Head: Trinocular; Inclined 30° and rotatable 360°; Single diopter adjustment 55-72 mm; Interpupillary distance adjustment 55-75 mm
- Eyepieces: Paired WF10x with a pointer in one eyepiece
- Nosepiece: Rear facing, Reversed quadruple, ball bearing with click stops to ensure par centration
- Objectives: Plan Phase Achromat objectives; 4x, 10x, 40x spring loaded and 100x oil N.A. 1.25 spring loaded
- Stage: Stage size 145mm x 135 mm; travel area 70mm (X) x 30mm (Y) movement with right hand control; Vernier scale reading to 0.1 mm
- Condenser: Turret Phase condenser, N.A. 1.25 on rack and pinion with iris diaphragm and swing-out filter holder
- Stand: Cast alloy aluminium; built in fixed focus stop allows for rapid focusing while protecting specimens; built-in carry handle and cord hanger
- Illumination: Variable LED illumination; bulb life at least 20,000 hours, power supply 220-240 volt.
- Focusing System: Coaxial coarse and fine focus controls with an adjustable tension control; all metal gears.
- Accessories: Dust cover, immersion oil and instruction manual should be provided
- Certification: ISO 9001: 2018 and ISO 14001: 2018; UL approved; CE anti-mold
- Warranty: Minimum 2 years warranty for parts, labour and electronic components.

Specifications for imaging camera & software

Colour CMOS camera with 6 MP, 1/2 “ sensor

Pixel Size	2.4µm x 2.4µm
Resolution	3072 (H) X 2048 (V)
Frame Rate	40FPS (3072 X 2048)
Exposure Time	0.13ms—15s
Automatic Settings	Exposure, Colour Scale, White Balance
Manual Settings	Exposure, Gain, Noise Reduction, Gamma, Flat Field Correction
Color Temperature	2000-15000K
ADC Depth	12Bit
Operating Temperature	0-60°C

Advanced Camera Controls: live/still image measurement and annotation; flat field correction; extended depth of focus (focus stacking); image stitching; fluorescence image settings; fluorescence multi-colour channel merge; HDR (High Dynamic Range) function **Image Types:** JPEG, PNG, TIFF

Real-time depth-of-field fusion, automatic exposure, Smart measurement workflow, Implements multiple interactions of workflow execution, Supports single shot, delayed camera shots, Automatic video and delay video generation,

Output format selection, User parameter group save and load, Customize measuring gauges, layers, precision, image naming, style, save location, Data export as TXT or Excel, Drawing tools: points, lines, rectangles, polygons, circles, arcs & angles, Report generation and printing.

- Microscope, Camera & software all should be from same source / company
- Software should be license free and can be used with multiple PC / laptop
- Camera can be used with other existing microscope with full features of software.
- Accessories: Dust cover, immersion oil and instruction manual should be provided
- Certification: ISO 9001: 2018 and ISO 14001: 2018; UL approved; CE anti-mold
- Warranty: Minimum 2 years warranty for parts, labour and electronic components.

Note: Attach instrument brochure or literature in support of the above compliance

Signature of the Authorized person with seal and
Date

PRICE SUBMISSION FORM

RFQ NO.:

Date:

Name of the Company/Firm M/S. _____

Description of quoted item	Price details	Quantity	Price per Unit in INR	Total Price
	Price of the item			
	Discount to IITs, if any			
	Net Price			
	Concessional GST applicable for IITs			
	Other Charges, if any			
	Total Landing Price to IIT BHU, Varanasi (in Figures)			
	Total Price in Words			

Price quoted is firm and final with Validity as per the terms of IIT BHU, Varanasi tender Terms.

Signature of the Authorized person with seal and date