

## INVITATION FOR QUOTATION

TEQIP-III/2017/nitr/Shopping/23

15-Jan-2018

To,

**Sub: Invitation for Quotations for supply of Goods**

Dear Sir,

1. You are invited to submit your most competitive quotation for the following goods with item wise detailed specifications given at Annexure I,

Sr. No	Brief Description	Quantity	Delivery Period(In days)	Place of Delivery	Installation Requirement (if any)
1	Mettalurgical Microscope with cemera attachment	1	60	National Institute of Technology, Raipur, Chhattisgarh.492001	yes

2. Government of India has received a credit from the International Development Association (IDA) towards the cost of the **Technical Education Quality Improvement Programme[TEQIP]-Phase III** Project and intends to apply part of the proceeds of this credit to eligible payments under the contract for which this invitation for quotations is issued.
3. Quotation,
  - 3.1 The contract shall be for the full quantity as described above.
  - 3.2 Corrections, if any, shall be made by crossing out, initialing, dating and re writing.
  - 3.3 All duties and other levies payable by the supplier under the contract shall be included in the unit price.
  - 3.4 Applicable taxes shall be quoted separately for all items.

3.5 The prices quoted by the bidder shall be fixed for the duration of the contract and shall not be subject to adjustment on any account.

3.6 The Prices should be quoted in Indian Rupees only.

4. Each bidder shall submit only one quotation.

5. Quotation shall remain valid for a period not less than **55** days after the last date of quotation submission.

6. Evaluation of Quotations,

The Purchaser will evaluate and compare the quotations determined to be substantially responsive i.e. which

6.1 are properly signed ; and

6.2 confirm to the terms and conditions, and specifications.

6.3 The Tenderer / Bidder need to submit the following certificates along with the quotation to

\* Confirm their eligibility:

\* Proof of establishment of Firms/shop/business/manufacturing unit etc. and Dealership certificate from the principals etc.

\* GST certificate should be enclosed

\*Previous Purchase order copy of the same item.

7. The Quotations would be evaluated for all items together.

8. Award of contract:

The Purchaser will award the contract to the bidder whose quotation has been determined to be substantially responsive and who has offered the lowest evaluated quotation price.

8.1 Notwithstanding the above, the Purchaser reserves the right to accept or reject any quotations and to cancel the bidding process and reject all quotations at any time prior to the award of contract.

8.2 The bidder whose bid is accepted will be notified of the award of contract by the Purchaser prior to expiration of the quotation validity period. The terms of the accepted offer shall be incorporated in the purchase order.

9. Payment shall be made in Indian Rupees as follows:

**Delivery and Installation - 0% of total cost**

**Satisfactory Acceptance - 100% of total cost**

10. All supplied items are under warranty of **12** months from the date of successful acceptance of items.
11. You are requested to provide your offer latest by **15:00** hours on **15-Feb-2018** .
12. Detailed specifications of the items are at Annexure I.
13. Training Clause (if any) **Yes**
14. Testing/Installation Clause (if any) **Yes**
15. Information brochures/ Product catalogue, if any must be accompanied with the quotation clearly indicating the model quoted for.
16. Sealed quotation to be submitted/ delivered at the address mentioned below,  
Registrar,  
National Institute of Technology (Formerly Engineering College, Raipur) Raipur – 492 010  
(Chhattishgarh)
17. We look forward to receiving your quotation and thank you for your interest in this project.

REGISTRAR

NIT RAIPUR

## Annexure I

### Metallurgical Microscope with camera attachment

Sl. No	Particulars	Specifications
1.	Microscope Stand	<p>It should be rigid metallic stand to support harmonically corrected infinity optics system with reflected light, reflector turret to hold bright field (BF), dark field (DF) and Upgradable for C-DIC and Circular Polarization</p> <p>Rugged and sturdy stand with modular design for future up gradation to various techniques.</p> <p>5 or higher Position nosepiece for bright field and dark field and DIC studies.</p> <p>Automatic recognition of objectives through coded nosepiece</p> <p>Stand with a light manager with set button– automatically the light is set for the each objective</p> <p>Focus lift with adjustable knob</p> <p>Co-axial coarse and fine focus knobs ergonomically positioned either side of the microscope stand for convenient operation with adjustable focus stop.</p> <p>Power ON/OFF switch and illumination regulation control knobs.</p>
2	Optical system	Microscope should be with a Infinity colour Corrected system for Bright field, Dark field studies
3	Illumination	Illuminator MicroLED with a minimum of long working hours
4	Binocular Tube	<p>Binocular tube with 45deg inclination with Sidentopf (with two viewing heights) swivelling eyepiece tubes and with inter pupillary distance adjustment range 55-75mm</p> <p>The microscope stand should have provision to attach a camera without replacement of the Binocular tube with 100:0/0:100 for visualization/Documentation</p>
5	Eyepieces	Pair of wide field 10x eyepieces with FOV of 22mm or more with focusable front lens and with rubber eyecups suitable for spectacle wearers and should have a provision to insert measuring graticules
6	Reflector Turret	Reflector turret to atleast 4 modules for Bright field. Upgradable for Dark field, DIC and Polarization
7	Objectives	25mm or more, threaded objectives (to have more light input through objectives)
		Plan Optics with 5x, 10x, 20x and 50x bright field objectives.

8	Mechanical Stage (Minimum)	Mechanical stage 40x40, reflected light with manual 3-plate mechanical stage and stage plate 208 x 283 x 18 mm and receptacle for stage inserts D=115 mm, 157 mm coaxial drive on right. Maximum load bearing capacity of 3 kg sample load
9	Upgradation	Microscope should be upgradable for CDIC and circular polarization
10	Camera Adapter	Camera Adapter 60N-C 2/3" 0.5x
11	Camera	5 Megapixel Microscopy Camera color
		with driver software 64bit, USB 3.0 PCIe x1 interface, USB 3.0 connection cable 3.0 m,
		Sensor: Aptina CMOS color sensor
		Basic resolution: 2560 (H) x 1920 (V) = 5.0 Megapixel
		Pixel size: 2.2 $\mu\text{m}$ x 2.2 $\mu\text{m}$
		Chip size: 5.70 mm x 4.28 mm, equivalent to 1/2.5" (diagonal 7.1 mm)
12	Software	Image Acquisition and Management Software for Light Microscopy under Windows7 (prof/Ultimate) 64 bit version incl. Manual on DVD.
	Software Modules:	
	Extended focus	Module to calculate images without limitation in focus depth
	Interactive Measurement	Interactive measurement
		Measurement of morphological parameters by drawing contours interactively: e.g.: area, orientation angles, perimeter, diameter, diameter of the circle (with equivalent area), circular shape factor, circumscribing rectangle, projections and others
	Multi Phase	Automatic measurement of particle size and phase content of multiphase samples, also evaluation of porosity
	Grain Size	Grain size determination
13	Stereo Microscope	Achromatic Optics with camera adapter and zoom ratio of 8:1.
		Binocular tube with 45deg inclination and a pair of 10x eyepices with FOV.
		Free working distance of 90mm and above.
	Minimum Stand Base	Stand base with D310xW200xH35 mm dimension with a working surface of D195xW160 mm
		Column 220 mm and above with drive and handle, lifting range 130 mm above
		Integrated power unit 12V DC 24W/100...240V AC/50...60Hz
	Illumination	Ring Illumination and Double SPOT Illuminator
	Ring illuminator	LED Ring illumination

	Camera	5 Megapixel Microscopy Camera color with driver software 64bit, USB 3.0 PCIe x1 interface, USB 3.0 connection cable 3.0 m, Chip size: 5.70 mm x 4.28 mm, equivalent to 1/2.5" (diagonal 7.1 mm) Sensor: Aptina CMOS color sensor
	Double SPOT Illuminator	Double SPOT illuminator with 2 goose neck with variable epi-illumination
14	Computer System PC System	Processor i5, RAM: 4GB or higher, HDD: 1TB or higher, OS: Win 7 Prof (64 bit), External Graphics Card: 1GB or higher, Monitor: 21"

**FORMAT FOR QUOTATION SUBMISSION**

(In letterhead of the supplier with seal)

Date: \_\_\_\_\_

To:

\_\_\_\_\_  
\_\_\_\_\_

Sl. No.	Description of goods (with full Specifications)	Qty.	Unit	Quoted Unit rate in Rs. (Including Ex Factory price, excise duty, packing and forwarding, transportation, insurance, other local costs incidental to delivery and warranty/ guaranty commitments)	Total Price (A)	GST		
						GST taxes mentioned as under	Percentage (%)	In figures (B)
						CGST		
						SGST		
						IGST		
<b>Total Cost</b>						<b>Total</b>		

Gross Total Cost (A+B): Rs. \_\_\_\_\_

We agree to supply the above goods in accordance with the technical specifications for a total contract price of Rs. \_\_\_\_\_ (Amount in figures) (Rupees \_\_\_\_\_ amount in words) within the period specified in the Invitation for Quotations.

We confirm that the normal commercial warranty/ guarantee of ———— months shall apply to the offered items and we also confirm to agree with terms and conditions as mentioned in the Invitation Letter.

We hereby certify that we have taken steps to ensure that no person acting for us or on our behalf will engage in bribery.

Signature of Supplier

Name: \_\_\_\_\_

Address: \_\_\_\_\_

Contact No: \_\_\_\_\_