



राष्ट्रीय विज्ञान शिक्षा एवं अनुसंधान संस्थान, भुवनेश्वर

(परमाणु उर्जा विभाग, भारत सरकार का एक स्वयं शासित संस्थान)

**NATIONAL INSTITUTE OF SCIENCE EDUCATION AND RESEARCH, BHUBANESWAR**

(AN AUTONOMOUS INSTITUTE UNDER DEPT. OF ATOMIC ENERGY, GOVT. OF INDIA)

**Notice Inviting E-Tender No .: NC-000375-1303-1-2018-R&D-II-DAE-11351 and NC-000374-1303-1-2018-R&D-II-DAE-11351**

**Microscope**



NATIONAL INSTITUTE OF SCIENCE EDUCATION & RESEARCH  
JATNI CAMPUS, P.O. – BHIMPUR-PADANPUR, VIA-JATNI  
KHURDA – 752050, ODISHA, INDIA

### Notice Inviting E-Tender

For

### Microscope

E- Tenders are invited on behalf of the Director, National Institute of Science Education and Research, Jatni from the manufacturers(Indian or Foreign) and their authorised reseller/Indian agent only for supply & installation of the following items:-

Sl. No.	Name of the Items	Tender No.	Name of Department	Qty. Nos.	Tender Fee in INR
1.	STUDENT HALOGEN MICROSCOPE	NC-000375-1303-1-2018-R&D-II-DAE-11351	School of Biological Sciences	01 No.	NIL
2.	STUDENT LED MICROSCOPE	NC-000374-1303-1-2018-R&D-II-DAE-11351		01 No.	

Sl. No.	Name of the Items	Tender No.	Name of Department	Qty. Nos.	EMD in INR
1.	STUDENT HALOGEN MICROSCOPE	NC-000375-1303-1-2018-R&D-II-DAE-11351	School of Biological Sciences	01 No.	2220.00
2.	STUDENT LED MICROSCOPE	NC-000374-1303-1-2018-R&D-II-DAE-11351		01 No.	

**NB: I. PARTIES REGISTERED WITH MSME/NSIC/SSI/DAE AND FOREIGN PARTIES QUOTING DIRECTLY ARE EXEMPTED FROM PAYING EMD.**

**II. THERE IS NO EXEMPTION FOR TENDER FEE OTHER THAN THE FOREIGN PARTIES QUOTING DIRECTLY.**

**III. PARTIES REGISTERED WITH MSME/NSIC/SSI/DAE SHOULD HAVE VALID CERTIFICATE FOR THE ITEMS BEING TENDERED WHICH SHOULD REFLECT IN THE CERTIFICATE.**

- **Tender Enquiry No** : NC-000375 & NC-000374-1303-1-2018-R&D-II-DAE-11351
- **Last date of submission of E-bid** : 10.10.2019 up to 11.00 A.M
- **Opening of Technical Bid** : 11.10.2019 at 12.00 P.M

The details of general tender terms & conditions can be downloaded from <https://eprocure.gov.in/epublish/app> or Tender Free View Link from NISER website <https://www.niser.ac.in/content/tender>.

Sd/-  
FIC (Stores & Purchase)



**TECHNICAL BID  
SUPPLY AND INSTALLATION  
OF  
Microscope  
FOR**

**NATIONAL INSTITUTE OF SCIENCE EDUCATION AND RESEARCH, JATNI  
Notice Inviting E-Tender No. NC-000375 & NC-000374-1303-1-2018-R&D-II-DAE-11351**

Vendor Name				
SL. No.	Item Specification	Quantity	Accepted/Not Accepted (Kindly Mention)	Please specify if any deviation
1	<p><b><u>Student Halogen Microscope</u></b> <b><u>BINOCULAR IMPORTED</u></b> <b><u>MICROSCOPE FOR BRIGHTFIELD</u></b> <b><u>APPLICATION WITH</u></b> <b><u>ACCESSORIES</u></b> <b><u>(UPGRADABLE TO PHASE CONTRAST,</u></b> <b><u>DARKFIELD OBSERVATION AND</u></b> <b><u>CAMERA ATTACHMENT IN FUTURE)</u></b></p> <p><b>1.</b> CFI Infinity corrected optical system for Flat, Sharp images throughout the entire Field of View. <b>Chromatic aberration and field curvature are corrected over the entire field of view.</b></p> <p><b>2.</b> Total Magnification 40X-1000X for Observation.</p> <p><b>3.</b> Binocular Eyepiece Tube (Inclination: 30°) <b>Viewing height can be adjusted by 34mm.</b></p> <p><b>4.</b> Interpupillary distance of 47mm-75mm.</p> <p><b>5.</b> Eyepiece Lens 10Xwith Field of View of 18mm, <b>Built-in Diopter Adjustment on both the Eyepieces. Should be lockable to prevent damage or theft.</b></p> <p><b>6.</b> Revolving QUADRUPLE nosepiece reversed <b>type with multiple ball bearings and elastic nosepiece grip-ring.</b></p>	1 No.		

	<p><b>7. Rectangular Double Plate Mechanical stage (within main body),</b> with specimen holder and Vernier calibration scale. Cross travel 76mm (X) x 40mm(Y).</p> <p><b>8. Objectives</b> Plan-Achromat 4x/0.10/25mm Plan Achromat 10x/0.25/6.7mm  Plan Achromat 40x/0.65/0.6mm  Plan Achromat 100x/1.25/0.14mm</p> <p><b>9.</b> Abbe Condenser N.A 1.25 with, Aperture diaphragm with Objective position guide marking.</p> <p><b>10.</b> High Luminescent 6V 20W Halogen Illumination.</p> <p><b>11.</b> Coaxial Fine/Coarse focusing- <b>0.2mm/37.7mm per rotation.</b> Focusing Stroke 22mm. Cross roller guide and adjustable coarse motion torque.</p> <p><b>12.</b> Should be <b>“Anti mould”</b> treated</p> <p><b>13.</b> Warranty: 3 years; installation required.</p> <p>Microscope brands like Leica, Nikon, Olympus.</p> <p><b>NOTE: THE PARTS LIKE EYEPIECES, EYEPIECE TUBE, OBJECTIVES, CONDENSER, FILTERS, ILLUMINATION COMPARTMENT &amp; BULB SHOULD BE ABLE TO EASILY TAKEN OUT &amp; FIT BACK ANY TIME BY US.</b></p>			
2	<p align="center"><b><u>Student LED Microscope</u></b> <b><u>BINOCULAR IMPORTED</u></b> <b><u>MICROSCOPE FOR BRIGHTFIELD</u></b> <b><u>APPLICATION WITH</u></b> <b><u>ACCESSORIES</u></b> <b><u>(UPGRADABLE TO PHASE CONTRAST,</u></b> <b><u>DARKFIELD OBSERVATION AND</u></b> <b><u>CAMERA ATTACHMENT IN FUTURE)</u></b></p> <p><b>1.</b> CFI Infinity corrected optical</p>			

<p>system for Flat, Sharp images throughout the entire Field of View. <b>Chromatic aberration and field curvature are corrected over the entire field of view.</b></p> <p><b>2.</b> Total Magnification 40X-1000X for Observation</p> <p><b>3.</b> Binocular Eyepiece Tube (Inclination: 30°) <b>Viewing height can be adjusted by 34mm.</b></p> <p><b>4.</b> Interpupillary distance of 47mm-75mm.</p> <p><b>5.</b> Eyepiece Lens 10Xwith Field of View of 18mm, <b>Built-in Diopter Adjustment on both the Eyepieces. Should be lockable to prevent damage or theft.</b></p> <p><b>6.</b> Revolving QUADRUPLE nosepiece reversed <b>type with multiple ball bearings and elastic nosepiece grip-ring.</b></p> <p><b>7. Rectangular Double Plate Mechanical stage (within main body),</b> with specimen holder and Vernier calibration scale. Cross travel 76mm (X) x 40mm(Y)</p> <p><b>8.</b> Objectives Plan Achromat  4x/0.10/25mm  Plan Achromat 10x/0.25/6.7mm  Plan Achromat 40x/0.65/0.6mm  Plan Achromat 100x/1.25/0.14mm</p> <p><b>9.</b> Abbe Condenser N.A 1.25 with, Aperture diaphragm with Objective position guide marking</p> <p><b>10. High Luminescent environment friendly White LED illuminator (Eco Illumination) with “Fly Eye Lens” for Uniform Illumination and Lamp Life of 60000 hours.</b></p> <p><b>11.</b> Coaxial Fine/Coarse focusing-</p>	<p>1 No.</p>	
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	<p><b>0.2mm/37.7mm per rotation.</b> Focusing Stroke 22mm. Cross roller guide and adjustable coarse motion torque.</p> <p><b>12.</b> Should <i>be “Anti mould” treated.</i></p> <p><b>13.</b> Warranty: 3 years; installation required</p> <p>Microscope brands like Leica, Nikon, Olympus.</p> <p><b>NOTE: THE PARTS LIKE EYEPIECES, EYEPIECE TUBE, OBJECTIVES, CONDENSER, FILTERS, ILLUMINATION COMPARTMENT SHOULD BE ABLE TO EASILY TAKEN OUT &amp; FIT BACK ANY TIME BY US.</b></p>			
3	<p>Above item should carry three years onsite full comprehensive free warranty. In case the tendered provide warranty less than 03 years then he has to give justification for lesser period of warranty. Without justification his tender is liable to be rejected.</p>			

**Contact for information: (Only E-mail enquiries will be entertained)**

**For Technical Information:-**

**Dr. D.P.Alone**

School of Biological Sciences

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