



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)

**NIT LIMITED NO. NC-000885-BIO-16-17**

**FLUORESCENCE STEREOZOOM MICROSCOPE**

**NATIONAL INSTITUTE OF SCIENCE EDUCATION & RESEARCH**  
**JATNI CAMPUS, P.O.: JATNI,**  
**Khurdha-752050**

**Tender Notice No. NIT Limited NO.NC-000885-BIO-16-17**

Sealed 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 item:-

<i>Sl. No.</i>	<i>Name of the Items</i>	<i>Name of Department</i>	<i>Indent No.</i>	<i>Qty.</i>	<i>EMD in INR</i>
1.	Fluorescence Stereozoom Microscope	SBS	NC-000885-BIO-16-17	1 Nos.	00.00

Detail Tender Document can also be downloaded from the NISER web-site address: <http://niser.ac.in> directly.

NISER reserves the right to accept or reject any or all the Tenders without assigning any reason.

**Terms & Conditions: -**

As per attached sheet

**Yours faithfully,**

**Stores & Purchase Officer**

**PART - 1**  
**TERMS & CONDITIONS**  
**FOR SUPPLY AND INSTALLATION**  
**OF**  
**FLUORESCENCE STEREOZOOM MICROSCOPE**  
**FOR**  
**NATIONAL INSTITUTE OF SCIENCE EDUCATION AND RESEARCH, JATNI**

**PART - 1**  
**TERMS & CONDITIONS**

1. Sealed tenders are invited for supply and installation of Fluorescence Stereozoom Microscope in the National Institute of Science Education and Research. The tender document consists of the following two parts.

**Part-1: "TERMS & CONDITIONS" & "TECHNICAL BID" of the tender.**

**Part-2: "FINANCIAL BID" of the tender.**

2. The bidder must attach the at least 03 Purchase Order copy for Supply & Installation of above equipments during the last 01 financial years in State Government or Govt. of India Department(s) /Reputed Organisation(s) (in Nos. and Value). Please attach a list of clients.
3. The bids submitted by the vendors should be valid for a minimum period of 90 days from the date of the opening of tender and the prices should be valid till execution of purchase agreement.
4. The sealed envelope containing "The Bid" on prescribed tender document of the NATIONAL INSTITUTE OF SCIENCE EDUCATION AND RESEARCH should reach the Stores & Purchase Officer, National Institute of Science Education and Research, JATNI on or before **07.08.2017 up to 5:30 P.M.** otherwise the tender will not be accepted.
5. The sealed envelope of the bidders shall be opened on **08.08.2017 at 11:30A.M.**
6. For further information/clarification in this respect, please contact Dr. Saurav Chawla on e-mail [saurabhchawla@niser.ac.in](mailto:saurabhchawla@niser.ac.in). Only e-mail inquiries will be entertained.
7. The supply and installation of the above equipments shall be made by the vendor within 4 -6 weeks from the date of issue of the purchase order.
8. All the items to be supplied should be new, of good quality and standard and as per the technical specifications mentioned in technical bid document.
9. Discount: Any conditional discount will lead to the rejection of your tender.
10. The vendor will provide operational manuals, OEM documents for peripherals, set of diagnostics to test all the sub-systems etc. along with the systems.
11. The installation of above equipments will be at the National Institute of Science Education and Research, JATNI.
12. The prices quoted in the technical/financial bid should be inclusive of power cables, interface cables, packing, forwarding, freight upto NISER, JATNI, transit insurance and installation charges at sites. Excise duty and trade tax if applicable should be quoted separately at the

appropriate columns provided for them in the technical/financial bid (NATIONAL INSTITUTE OF SCIENCE EDUCATION AND RESEARCH is exempted from Excise Duty). In case of import the NISER will arrange the clearance from Kolkata Airport. All the expenses, like Import duty, Entry tax, insurance will be added in your cost to calculate landed cost. (NISER is exempted from Custom Duty. The present rate is approx. 5.13%).

13. In case, excise duty and/or trade tax/sales tax are reduced or increased subsequently by the Government at the time of placement of the purchase order or delivery, then the same will be adjusted by either party on production of requisite proof.

14. Payment for the items to be supplied by the vendor against the purchase order shall be made by NATIONAL INSTITUTE OF SCIENCE EDUCATION AND RESEARCH as follows:-

100% payment will be made after successful installation.

**The tenderers who are not agreeing to above payment terms, are requested not to submit their tender otherwise their EMD will be forfeited.**

15. The equipments will carry five years on site comprehensive warranty. Warranty period will start from the date of successful installation of all the items at site.

16. Parties should specify the make and model of each Item along with all other details.

17. The tender must be submitted on the prescribed tender document issued by the NATIONAL INSTITUTE OF SCIENCE EDUCATION AND RESEARCH. Any other technical details required to supplement the information quoted in the prescribed tender document may please be attached separately. The information asked in the tender document should be given at the place provided for it in the tender document. The tenders in which information is not given at the place provided for it or not in the similar format given in the tender document may be rejected.

18. Printed conditions of the vendor submitted with the tender will not be binding on NATIONAL INSTITUTE OF SCIENCE EDUCATION AND RESEARCH.

19. The documents containing bids shall be free from cutting and erasures. However, alterations, if any, in the tender should be attested properly by the bidder, failing which the tender is liable to be rejected.

20. The tenders submitted by telex/telegrams/fax/email will not be considered. No further correspondence will be entertained on this matter.

21. NATIONAL INSTITUTE OF SCIENCE EDUCATION AND RESEARCH will not be responsible for any delay in obtaining the tender document by the vendor from NATIONAL INSTITUTE OF SCIENCE EDUCATION AND RESEARCH or submission of the completed tender document to NATIONAL INSTITUTE OF SCIENCE EDUCATION AND RESEARCH.

22. The registration number of the firm along with the GST No. and I.T. registration number (P.A.N.) along with the place of registration should invariably be given along with the technical bid.

23. Tender not conforming to any or all the above terms and conditions will be rejected.

24. Incomplete tenders are liable to be rejected.

25. NATIONAL INSTITUTE OF SCIENCE EDUCATION AND RESEARCH reserves the right to increase/decrease the specified quantities of any item(s) given in the tender.
26. NATIONAL INSTITUTE OF SCIENCE EDUCATION AND RESEARCH reserves the right to reject any or all the tenders without assigning any reason whatsoever. NATIONAL INSTITUTE OF SCIENCE EDUCATION AND RESEARCH would not be under any obligation to give any clarifications to those vendors whose tenders have been rejected. The decision of Director, NISER is final and binding in case of any dispute arising out of this contract between both the parties.

(Deepak Srivastava)  
**Stores & Purchase Officer**

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#### DECLARATION BY THE VENDOR

It is hereby declared that I/We the undersigned, have read and examined all the terms and conditions etc. of the tender document for which I/We have signed and submitted the tender under proper lawful Power of Attorney. It is also certified that all the terms and conditions of the tender document are fully acceptable to me/us and I/We will abide by the conditions from serial no. 1 to 27. This is also certified that I/We/our principal manufacturing firm have no objection in signing the purchase contract if the opportunity for the supply of the items against this tender is given to me/us.

Date:

Signature:

Address:

Name:

Designation:

On behalf of:

(Company Seal)

**SUPPLY AND INSTALLATION  
OF  
FLUORESCENCE STEREOZOOM MICROSCOPE  
FOR  
NATIONAL INSTITUTE OF SCIENCE EDUCATION AND RESEARCH, JATNI  
TECHNICAL SPECIFICATION**

<b>S. No.</b>	<b>Item Specification</b>	<b>Offered specification with Make &amp; Model No. please specify any deviation if any. Please attach separate sheet if required</b>
(1)	(2)	(3)
	<b>FLUORESCENCE STEREOZOOM MICROSCOPE (NC-000885-BIO-16-17)</b>	
	<p><b>FLUORESCENCE STEREOZOOM MICROSCOPE</b> <b>Item Specification:</b></p> <p>Optical system: Universal Infinity corrected system with Parallel light path for future up-gradation option for dual view or Fluorescence application and Motorised function. Microscope should be compatible to attach Micromanipulator attachment.</p> <p><b>Zoom Body:</b> Base microscope zoom 16.2:1 or better with Magnification range of 7X to 110X Or Better.</p> <p><b>Focus Fine focusing unit / focus:</b> Rack and pinion with roller guide (With torque adjustment ring for coarse focusing), coarse and fine coaxial handle, built-in counter balance, coarse Handle stroke: 80mm, coarse handle stroke per rotation: 6.8mm, fine handle stroke: 80mm, fine handle stroke per rotation: 0.77mm.</p> <p>Objectives Plan Apochromatic Distortion free 1X objective with high NA.</p> <p>Optical Resolution 900 lines or better</p> <p>Observation tube Widefield Trinocular head Eyepiece: 10x (Field no. 22 or better) .</p> <p><b>Transmitted Illuminator</b> LED Light Source with Bright field illumination Oblique Illumination Dark field illumination</p> <p><b>Reflected Fluorescence attachment:</b> Reflected light fluorescence illuminator with 100W Mercury light</p>	

	<p>source with five position fluorescence turret</p> <p><b>Fluorescence Filters:</b> Filters set for DAPI, GFP/FITC, RFP/TRITC.</p> <p><b><u>Photography attachment:</u></b></p> <p>Equipped with 5 mega pixel (2560 X 1920) scientific grade CCD Cooled @10 degree C below ambient camera color with 25 fps live image display in screen or LCD, RGB, 30 bit Firewire connection, 2/3” Sony CCD chip, Binning up to 4X4, Exposure 1.6 ms to 17.9 mins, C-mount adapter.</p> <p><b><u>Image analysis software Features: -</u></b></p> <p>Real time image preview and capture, independent control of preview and capture should provide maximum flexibility, advanced color management;  Built-in ICC color profiling for cameras should provide superior color imaging, color correction algorithms ensure accurate, true color imaging.  Background and dark field correction, Time-lapse sequences, Auto exposure, auto white balance, auto contrast (dynamic and manual controls, RGB color filter support for monochrome cameras, External triggering, Exposure, gain, and EM gain controls, Image annotation.</p> <p><b><u>Gallery</u></b> (The captured images can be displayed in an image gallery, Select, delete; rename or replace the images according to your needs, Complete image sessions can be loaded into gallery)  Extended Image Display Functionality (Rotate/Mirror, ROI function in full pixel resolution, adjust RGB values in live image, perfect image quality with white and black balance (Fluorescence), Live gamma, contrast, brightness, saturation adjustments.</p> <p><b><u>Computer:</u></b> Suitable Windows based Desktop System with 1kVa UPS to support imaging.</p>	
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**Note: - Parties must mention make & model no. of the equipment offered by them, with detailed specification (on separate sheet). Otherwise their tender will not be accepted.**

**FINANCIAL BID**  
**FOR SUPPLY AND INSTALLATION**  
**OF**  
**FLUORESCENCE STEREOZOOM MICROSCOPE**  
**FOR**  
**NATIONAL INSTITUTE OF SCIENCE EDUCATION AND RESEARCH,**  
**JATNI**

Sl. No.	Systems	Approx. Qty.	Unit Price	GST in Percentage
(1)	(2)	(3)	(4)	(5)
1.	<b>FLUORESCENCE STEREOZOOM MICROSCOPE</b> NC-000885-BIO-16-17  Detailed technical specification as per technical bid.	1		
2.	<b>Above item should carry five years onsite comprehensive warranty. In case the tendered provide warranty less than 05 years then he has to give justification for lesser period of warranty. Without justification his tender is liable to be rejected.</b>			

**ALL ABOVE ITEMS ARE ON 5 YEARS ONSITE FULL COMPREHENSIVE FREE WARRANTY.**

Date:

Address:

(Company Seal)

Signature:

Name:

Designation:

On behalf of:



**NATIONAL INSTITUTE OF SCIENCE EDUCATION & RESEARCH  
JATNI CAMPUS, P.O.: JATNI,  
KHURDA-752 050**

**Tender Notice No. NIT Limited NO. NC-000885-BIO-16-17**

**CHECK LIST**

Your bid should accompany with following documents. Please enclose the required document and put (√) mark in the check list where ever applicable.

<b>Sl. No.</b>	<b>Description of Documents</b>	<b>Enclosure</b>
1.	Acceptance of Declaration by the Vendor enclosed with terms & conditions	Yes / No
2.	At least 03 Purchase Order copy for Supply & Installation of above equipments during the last 01 financial years in State Government or Govt. of India Department(s) /Reputed Organisation(s) (in Nos. and Value). Please attach a list of clients.	Yes / No
3.	GST No. with Place	Yes / No
4.	Income Tax Registration no. with place	Yes / No
5.	Detailed technical description of the item	Yes / No
6.	Detailed filled Financial Bid	Yes / No
7.	Authorisation letter in letter head duly signed by the authorised signatory for allowing your representative to attend the tender opening meeting.	Yes / No

Signature of the Authorised Signatory with Date  
(with Company Seal)