



NATIONAL INSTITUTE OF TECHNOLOGY

ROURKELA-769008 (ODISHA)

An Institute of National Importance under Ministry of HRD, GOI

e-NOTICE INVITING TENDER(e-NIT)

Tender Notification No: NITR/PW-SR/LS/2020/49

Dated: 19/03/2020

The National Institute of Technology, Rourkela invites bids from the eligible bidders for procurement of Stereo Zoom Microscope with Camera Attachment at NIT Rourkela.

Last date of Submission of Bid : 20/04/2020 by 03:00 PM

Opening date of Techno-commercial Bid : 21/04/2020 at 03:00 PM

For Details: http://nitrkl.ac.in/OldWebsite/Jobs_Tenders/9Equipment/Default.aspx

Contact: Dr. Monalisa Mishra, LS; Ph: 0661-2462784
Project investigator. Project **Code: SR/17/LS/048.**
Email: mishramo@nitrkl.ac.in

Bidding through: e-Procurement Portal of Ministry of HRD, Govt. of India
<https://mhrd.euniwizarde.com/>

**Sd/-
REGISTRAR**



NATIONAL INSTITUTE OF TECHNOLOGY ROURKELA-769008, ODISHA

(TENDER NOTICE NO: NITR/PW-SR/LS/2020/49

Dated: 19/03/2020)

(Procurement of **Stereo Zoom Microscope with Camera Attachment**)

SI. No.	Description of Goods/Service	Quantity
1.	Stereo Zoom Microscope with Camera Attachment (Detailed specification as per attached Annexure – I)	01

1. **Quantity required** : as mentioned above (All information provided in technical specification in Annexure-I)
2. **Delivery** : Within **70 days** from the date of purchase order
3. **Last date of Submission of Bid** : **20/04/2020** by **03:00 PM**
4. **Opening date of Techno-commercial Bid:** **21/04/2020** at **03:00 PM**
5. The firm should not have been black listed at any time.
6. The submission of following bids by the tenderer should be through <https://mhrd.euniwizarde.com/> . Please follow the guidelines as per the portal.

Stereo Zoom Microscope with Camera Attachment

(Tender Notice No: NITR/PW-SR/LS/2020/49, Dated: 19/03/2020)

Due on 20/04/2020 by 03:00 PM

7. Liquidated damage clause will be charged for any delay in supply of goods.
8. The validity of the tender shall be **90 days** from the date of opening of the bids.
9. Detailed advertisement including all tender documents is also available in our website at http://nitrkl.ac.in/OldWebsite/Jobs_Tenders/9Equipment/Default.aspx
10. NIT reserves the right to qualify or deny prequalification of any or all applicants without assigning any reasons.

(REGISTRAR)
NIT, Rourkela
Fax No- 0661-2462022
Ph. No -0661-2462021

Specification for Stereo Zoom Microscope with Camera Attachment

Technical Specifications

Optical system	:	Universal Infinity corrected system with Parallel light path For future up-gradation for dual view.
Zoom Body	:	Base microscope zoom 10:1 or better with Magnification range of 0.63X to 6.3X Or Better.
Focus	:	Fine focusing unit / focus: 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: 36.8mm, fine handle stroke: 80mm, fine handle stroke per Rotation: 0.77mm.
Objectives	:	Plan Achromatic Distortion free 1X objective.
Optical Resolution	:	600 lines or better
Observation tube	:	Widefield Trinocular head Eyepiece: 10x (Field no. 22 or better).
Transmitted		
Illuminator	:	LED Light Source with life time of 60,000hrs Bright field illumination Intensity regulator.
Reflected		
Illuminator	:	LED Reflected light source (life time 50,000hrs) Cold illuminator with Fibre optics and dual goose neck illumination.
Fluorescence attachment:		100watt mercury burner with lamp housing and one BFP, GFP filter set and RFP* filter set. (*provided if RFP comes under tender value and preferable)
Camera Attachment	:	5MP resolution CMOS colure camera with image capture and analysis software.

Optional attachment: Fluorescence turret should be quoted in option. Turret should have minimum 3 position slot to attach 3 filter.