



# NATIONAL INSTITUTE OF TECHNOLOGY, DURGAPUR

MAHATMA GANDHI AVENUE

DURGAPUR –713 209, WEST BENGAL, INDIA

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Telephones: + 91-3432754727

**BID REFERENCE:** NITD/MME/DST-EM/JM-BKS/2015/1

**Date:** 11-05-2015

To

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**SUB :** Fresh bidders are requested to submit quotation for item as specified in annexure-II.

1. The bidders are invited in **two separate sealed covers (Technical and Commercial offers)** to submit the most competitive quotation for the listed item of instruments/equipment as per **Annexure-II**. Price bid form as per Annexure-I must be filled with complete numerical values. Please note that the main item will include accessories. **No separate quotations are required for accessories.**
2. **Bid Price (Annexure-I)**
  - a) The contract shall be for the full quantity as described above. Corrections, if any, shall be made by crossing out, initialing, dating and rewriting.
  - b) All duties, taxes and other levies payable by the contractor under the contract shall be included in the total price **F.O.R. NIT Durgapur.**
  - c) The rates quoted by the bidder shall be fixed for the duration of the contract and shall not be subject to adjustment on any account.
3. **The bid submitted by the bidder must comprise the following:**
  - (a) Detailed technical specifications, conforming to the given specifications (vide Annexure – II), and literature /drawings /manuals of the goods/services to be supplied
  - (b) Authorized dealership certificate from the original manufacturer
  - (c) Credentials and list of organizations where the bidder supplied similar items
  - (d) Warranty period (12 months comprehensive on-site)
  - (e) Valid sales-tax / VAT clearance certificate
  - (f) Price bid as per Annexure-I
4. **Validity of Quotation**

Quotation shall remain valid for a period not less than 60 days after the deadline date specified for submission.
5. **Evaluation of Quotations**

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

  - (a) which are properly signed and
  - (b) conform to the terms and conditions, and specifications.
6. **Award of contract**

The Purchaser will award the contract to the bidder whose quotation has been determined to be substantially responsive, technologically acceptable and who has offered the lowest evaluated quotation price. It is to be noted that **the price bids will be opened only for technologically acceptable bidders.**

- 7.1 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.
- 7.2 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.
8. Delivery shall be made at **Department of Metallurgical and Materials Engineering at NIT, Durgapur.**
  9. Payment shall be made within 30 days after satisfactory installation, commissioning and acceptance of the good.
  10. Comprehensive onsite warranty shall be applicable to the supplied goods for a period of **12 months** from the date of installation.
  11. The Institute is **exempted from payment of custom and excise duty** on items mentioned below:
    - a) Scientific and technical instruments, apparatus, equipment (including computers)
    - b) Accessories, spare parts and consumables thereof
    - c) Computer software, CD-ROM, recorded magnetic tapes, microfilms, and microchips.
  12. The successful bidder must submit before the release of payment a valid bank guarantee on any nationalized bank of 10% of the order value towards **Performance Security** during the warranty period. Else, 90% of the payment will be released retaining 10% of the order value towards Performance Security during the warranty period.
  13. **Liquidated Damage** will be applicable at the rate of 0.5% per week. The purchaser has the right to cancel the purchase order when LD accumulates to 10 %.
  14. A bank draft or bank guarantee worth 2% of the quoted value payable to “**PROJECT-JM-BKS-DST-1**” at Canara Bank, RE College Branch, Durgapur will be enclosed with the bid by the bidder towards the Earnest Money Deposit (EMD). The EMD shall remain valid for a period of 105 days.
  15. Settlement of any dispute will be made under the jurisdiction of Durgapur Court.
  16. You are requested to provide your offer latest by 11.00 hours on **July 10, 2015**
  17. The purchaser will open the bids at 11.30 hours on **July 10, 2015** in the Metallurgical and Materials Engg. Department
  18. The bid document must be signed and sealed and enclosed with the bid as a token of acceptance of all terms and conditions in the bid document by the bidder.
  19. The items must be delivered within **60 days** from the date of placement of purchase order at the respective department.
  20. Comprehensive onsite warranty for **12 months** from the date of satisfactory installation shall be applicable for offered goods.
  21. All other terms and conditions of GFR 2005 of the Government of India will be applicable.
  22. **Place of Delivery: Dept. of Metallurgical and Materials Engineering, NIT Durgapur.**
  23. **Installation / commissioning / demonstration requirement: Installation, commissioning, complete demonstration and successful running at Dept. of Metallurgical and Materials Engineering, NIT, Durgapur**

I look forward to receiving your quotations and thank you for your interest in this project.

The bid (hard copy) must be addressed to:

**The Registrar**  
**National Institute of Technology, Durgapur -713209, W.B., India**  
**Attention:**  
**Dr. Joydeep Maity (Principal Investigator) and Dr. Bijay Kumar Show (Co-Investigator)**  
**Department of Metallurgical and Materials Engg.,**

Contact No: 03432754727

E-mail: joydeep\_maity@yahoo.co.in / bijayshow@gmail.com



Tendering for New Equipment and Experimental Accessories  
For DST (EXTRA MURAL) Project

Sl. no.	Name of the Equipment	Specification of the Equipment	Qty
01	Metallurgical microscope with computerized digital photomicrography and image analysis facility	<p>Upright Metallurgical Microscope with infinity corrected &amp; Harmonically Compensated optical system for best image quality.</p> <p>Microscope should be capable of contrast technique like reflected light Bright Field, Dark Field, Polarization, DIC with Oblique illumination contrast.</p> <p>Trinocular Photo Tube with an angle convenient to the observer for 50% Eyepiece and 50% camera</p> <p>3-step focus drive ( Coarse/fine/ultra-fine) with built in focus stop for the safety of the high magnification objectives</p> <p>Ultra bright LED illumination for constant color temperature and longer life time with lamp housing.</p> <p>Dry objectives of 5x/0.15, 10x/0.3, 20x/0.45, 50x/0.80 &amp; 100x/0.90, Oil immersion objective of 100x/1.25</p> <p>Widefield 10x eyepiece with minimum Field of view of 25 mm, 16x eyepiece with Field of view 14mm for magnification up to 1600x. (Total Magnification from 50x-1600x)</p> <p>4-fold reflector turret with reflector for Bright Field and Dark Field</p> <p>XY-Stage (76x50mm) with stage bracket&amp; stage drive, with holder for sample</p> <p>5 fold Revolving nosepiece suitable for BF/DF.</p> <p>Reflected Light Polarizer: 3 different click stops 0° , 45° , 90° and Reflected Analyzer 180° rotatable; Suitable DIC Prism for all the Objectives.</p> <p>Computer controlled high resolution High Definition Color Digital CMOS Camera 5Mpixel with minimum number of pixels-1980 (H) x 1080 (V) with speed 30fps; USB2 interface; HDMI Cable.</p> <p>Image Analysis Software with facilities of image acquisition, image enhancement, image processing, interactive measurement, image annotation, image documentation and reporting.</p> <p>Image Analysis software for Grain size Analysis with International standard, Interdendrite spacing Analysis with international standard, Nodule Rating with International Standard, Phase Percentage determination, Coating or Layer Thickness determination with international standard and Decarburization depth analysis with international standard; Provision for micron bar marking on the image to represent magnification. Software also should have the facility for write and run 'macros' for customized application on metallurgy.</p> <p>Dust Cover, Immersion oil 250 ml</p> <p>The microscope, camera, Image Analysis System should be preferably from same manufacturer for better compatibility</p> <p>Branded Desktop PC with minimum 4 GB RAM, 500 GB HDD, DVD Writer with 18.5 inch TFT square Color Monitor, licensed OS, UPS and color laser printer.</p>	One (01)