



GOVERNMENT POLYTECHNIC, NAGPUR

(An Autonomous Institute of Government of Maharashtra)

Mangalwari Bazar Sadar, Nagpur – 440 001(Maharashtra)

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Web site: - www.gpnagpur.ac.in

gpnagpur.dte@gmail.com

No.GPNG/QUOT/WS/MT&MI/2017-18/7440

DATE:- 13 NOV 2017

To,

Copy to Computer Deptt. For Publishing on Institute web-site

Invitation for quotation

Sealed quotations are invited from manufacturers/their authorized suppliers for supply of the following equipments/machinery to this institute. The quotation in specified format, along with necessary supporting documents should be sealed in an envelope and submitted to this office on or before the prescribed time and date mentioned in this invitation letter.

Separate quotations are to be submitted for each of the items mentioned below and such envelope must be super scribed with enquiry number and date & time of submission of the quotation for that item.

Sr. No.	Enquiry Number	Name Of Items	Quantity	Consignee	Estimated Cost/Unit (Rs).
01	GPNG/QUOT/WS/MT/DTE/17-18/1 Dt.13/11/2017.	Image Analyzer System (Metallurgical Software) Model : MIC VER. 3.0	01 No.	Govt. Polytechnic, Nagpur.	Rs. 2,91,500/-
02	GPNG/QUOT/WS/MI/DTE/17-18/2 Dt.13/11/2017.	Core Drilling Machine with different sizes of bits.	01 No.	Govt. Polytechnic, Nagpur.	Rs. 2,56,424/-

Last date for submission of above quotations to this office is 24/11/2017 till 1.00 PM.

(Dr.C.S.Thorat)

Principal

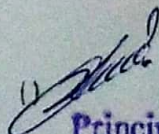
Govt. Polytechnic, Nagpur.

To,
Shri. madam,
for publishing on
website.

AM
14.11.2017

Instructions to bidders and Terms & Conditions

1. The quotations must be submitted in sealed envelope, in prescribed format with details of enquiry super scribed on envelope.
2. The quotations must be submitted in the drop box kept in 24/11/17 or before the 1.00pm, 2017. Quotations will be opened at 2.00pm on the same day.
3. The quotations must be supported by necessary technical literature, and other documents as mentioned in this document.
4. The bidder must not be a defaulter to any Government authorities and must not have been black listed/debarred from supplying goods.
5. The bid must be for all inclusive price of the goods. must include all taxes and levies (like GST), transportation charges, freight etc and for warranty of 2 years from the date of Installation.
6. Delivery to the consignee has to be effected within 4-6 weeks from the date of issue of purchase order.
7. Rates quoted should be valid for 90 days from the last date of submission of offer.
8. The bidder will have to provide a performance bank guarantee to cover the period of warranty. Bank guarantee shall be of 3% amount and to be provided to the consignee.
9. The bid offer must comply with all technical requirements of the user department/consignee. Mere quoting of lowest price will not be the criteria for award.
10. The bidder must quote PAN number and GST number along with copies of GST registration and PAN card
11. The consignee will make payment for the goods received by way of RTGS/NEFT/ECS , so the supplier will have to provide bank details to the consignee.
12. ~~Payments will be done only after delivery, successful installation and working trial at the consignee's place. Advance payments will not be done.~~
13. This office may call for additional documents and/or information required for processing the bids.
14. This office reserves the right to reject any or all bid offers , without assigning any reason(/s), thereof.
15. List of documents to be attached :- i) covering letter with details of bidders, address, telephone number, mobile number, email ID, name , signature and seal ii) type of business entity :- manufacturer/authorised dealer, any others (to be specified) iii) PAN card xerox iv) GST number registration certificate / print out v) offer letter stating make and model quoted, quantity , accessory, part number etc .(THIS OFFER LETTER SHOULD BE SEPARATE FROM OTHER DOCUMENTS mentioned herein) vi) authorization from manufacturer regarding support during bidding process and warranty period, in case the bidder is not a manufacturer. vii) technical literature of item quoted viii) price quote along with taxation, inclusions and exclusions, if any. ix) undertaking that the bidder has not been black listed or debarred from supplying previously. x) undertaking about compliance of terms and conditions mentioned in this quotation.


Principal,
Govt. Polytechnic, Nagpur

Annexure I

Technical Specifications

Sr. No.	Enquiry No.	Name of Items	Specification
01	GPNG/QUOT/WS/MT/DTE/17-18/1 Dt. 13/11/2017.	Image Analyzer System	Specification as below A,B,C,D,& E.

A. IMAGE ANALYZER SYSTEM (METALLURGICAL SOFTWARE)

MODEL: MIC VER. 3.0

Features:

- 1) ASTM Grain size calculation as per E-112
- 2) Grain Size variation trend chart: An advanced tool.
- 3) Grain size estimation – comparison with standard graticules – fast, time saving approach for routine analysis.
- 4) Volume Fraction Measurement as per ASTM E-562:89
- 5) Multiphase area function
- 6) Nodularity Measure for Cast Irons calculated as per JIS 5502
- 7) Inclusion content rating in steels as per Indian Standards – Using a button press comparison Method.
- 8) Inclusion rating in Steels as per ASTM E-45, IS, JIS & DIN
- 9) Linear Measurements / Angular Measurements:
 - Plating Thickness
 - Plating layer on PCB
 - Nitrided layer thickness
 - Case hardened depth.
 - Individual nodule diameter
 - Pearlite interlamellae spacing
 - Carburisation and Decarburisation depth
- 10) Powder Particle Size Distribution
- 11) % Retained Austenite with phase distribution from the edges
- 12) Cast Iron flakes sizes and distribution

B. TRINOCULAR INVERTED METALLURGICAL MICROSCOPE

MODEL: RBMI-101A (Imported)

This is used for identification and analysis of the structures of different metals and alloys. It is the important instrument for researching Metallography in metal physics. The photography Port is available in this instrument. The instrument can be used for learning for molding, smelting, heat treatment, examination and analysis, suitable for scientific research in colleges and factories.

Specification:

- Eyepieces : Wide Field 10x
- Objective : Plan Achromatic
PL10x, PL 20, PL 50x & PL 100x
- Magnification: 100x to 1000x
- Illumination Unit : LED Light, Adjustable Brightness
- Revolving Nose Piece: Quadruple
- Vertical Adjustment: Co-axial Focussing Knob
- Standard Accessories: Dust Cover, Spare Bulb, Cleaning Cloth, Operating Manual.

C. USB DIGITAL CAMERA (MODEL: BCE-PW500)

It Looks like an eyepiece. It can be easily inserted into eyepiece tube of microscope. The Digital Micro-Image Displays Immediately on computer or notebook PC. It is used in the field of image demonstration and analysis/application.

Features:

Operating System: Support to window2000 or windows XP or higher version

Picture Element: High-resolution CMOS chip, 5 Mega Pixels.

Output: USB is used to adapt with pc

Power: It is freely plugged and unplugged with no extra power.

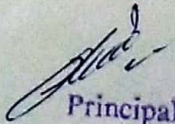
D. COMPUTER :

- a) Intel Pentium Dual Core i5 processor
- b) 4 GB RAM
- c) 52X CD Rom Drive.
- d) 1TB Hard Disk
- e) Keyboard with Scroll Mouse.
- f) 19" Color Monitor TFT LED

E. PRINTER:

Technical Specification:

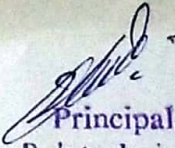
Brand	Canon
Series	imageClass
Colour	Black/White
Item Height	34.3 Centimeters
Item Width	35.6 Centimeters
Item Weight	8 Kg
Product Dimensions	45.5 x 35.6 x 34.3 cm
Item model number	LBP 2900B
Included Components	Laser Shot LBP2900B, Cartridge 303, User Software CD-ROM, Getting Started Guide and Power Cord


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Sr. No.	Enquiry No.	Name of Items	Specification
01	GPNG/QUOT/WS/MI/DTE/17-18/2 Dt. 13/11/2017.	Core Drilling Machine with different size of bits.	Core Drilling Machine for Rock Sample : with Heavy duty pillar type frame 2 H.P., Single phase AC motor, varying cutting feeds provided with water fed swivel head which can be connected to suitable water supply provision at base for water collection/drainage. Core preparation from regular and irregular samples core size EX to NX, clamping arrangement to hold specimen with regular/irregular shapes to the base of machine, four cutting speeds of 600, 800,1100 and 1500 rpm. With necessary drilling bits 21.46 mm. dia., 30.10 mm. dia., 38 mm. dia., 42.04 mm. dia., 54.74 mm. dia.


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