

# Inquiry Form

OFFICE OF THE PRINCIPAL  
UNIVERSITY POLYTECHNIC  
A.M.U., ALIGARH

No. 75 /Poly.

Dated: 28-09-2013

M/s. \_\_\_\_\_  
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Dear Sirs,

Sealed quotations/tenders are invited for the following articles on the terms and conditions printed over-leaf.

Quotation should reach this office on or before 19-10-2013 by 1:30 p.m. positively.

S. No.	Approx. quantity	Name of Equipment	Specifications
01.	01 No.	<b>METZER – M CO AXIAL TRINOCULAR RESEARCH METALLURGICAL MICROSCOPE VISION PLUS – 5000 TMM.</b>	Viewing Head: Trinocular Observation head conveniently inclined at 45°. Focussing: Co – axial focussing module with slides travelling on bearing guide ways. Mechanical Stage: Large graduated mechanical stage with low drive co – axial controls for X–Y movements on the ball slides. Nosepiece: Quadruple revolving nosepiece for quick magnification change with positive click stops for proper centering. Objectives: Achromatic Flat – field metallurgical corrected and anti mount fungus M4x, M10x, M40x, & M100x (oil). Eyepieces: Compensating High eye point wide field eye piece 10x . Magnification: 40x to 1000x. Illumination: Incident light through Epi – illuminator with field aperture diaphragm and filter slots. Continuously variable luminosity control through built in electronic transformer. Filters: Green & Blue.

  
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02.	01 No.	<b>DIGITAL CAMERA (CAPTURE IMAGE DEVICE) ATTACHMENT</b>	3.0 Megapixel ColorCMOSSensor, Size 6.55 x 4.92mm, Pixel size 3.2 micron square, PC interface, 30 bit color depth, exposure time 1 Microsecond to 2 seconds.High Image Transmission convenient to use any standard microscope.Digital Camera can change image into Digital signal & send it to P.C.
03.	01 No.	<b>IMAGE ANALYSIS SOFTWARE (CAPTURE, PROCESS, ANALYZE OF IMAGE)</b>	MEASUREMENT TOOLS:- Calibration, Length, Angle, Perimeter, Width, Radius, Area, Color, Counting.METALLOGRAPHY TOOLS:- Grain Size, Phase, Decrabization, Coating Thickness, Nodularity, Porosity, Inclusion, Particle Measurement, Density, Amalgamation. IMAGE PROCESSING TOOLS:- Filters, Invert, Annotation, Back Ground Removal.
04.	01 No.	<b>METZER – M DRY BELT SURFACER MODEL METZ – 2006.</b>	This surface for pregrinder for preparing specimen for microscopic examination B Size 100mm x 915mm. Electric Motor – 0.25 H.P., 220 Volt A.C., Single Phase, 1400 RPM.
05.	01 No.	<b>METZER – M PROFILE PROJECTOR MODEL METZ – 801 A.</b>	Screen Diameter: 300mm. fine ground screen with cross line. Rotatable 0 to 360° vernier reading 3 minutes. Magnification: 10x and 20x. Magnification Accuracy: ± 0.1% for contour and ± 0.15% for surface. Work Stage: Table 200x200mm. X & Y axis, Traverse 25mm in each direction having least count .01mm. Contour Illumination: 24V – 250W Halogen Lamp. Telecentric system and sharp twin lens condenser for each magnification bright adjustment. Surface Illumination: 12V – 100W Halogen lamp. Cooling System: Built in noiseless and vibration free blower for powerful cooling system. Power Supply: 230V Single Phase AC.

**NOTE: The following information must be submitted**

1. The firm should be registered at the Central Purchase Office, A.M.U., Aligarh.
2. The validity of the quotation should not be less than 90 days
3. Please give the our inquiry no. on the envelope

