

Form No. : P & SD/I

C.M.P. Degree College
UNIVERSITY OF ALLAHABAD
Limited Tender Enquiry (LTE)

No. : *CMP/502/2019*

Dated: *09/08/2019*

Dear Sir/s,

We intend to purchase following equipments at the C.M.P. College, Botany department. Kindly arrange to send your **QUOTATION in favour of "Principal C.M.P. Degree College, Allahabad University of Allahabad"** giving lowest rates per unit along with terms and conditions in Sealed Cover addressed, so as to reach this office of the Principal on or before 23 August 2019. **THE WORD "QUOTATION", OUR REFERENCE NUMBER AND DATE SHOULD BOLDLY BE MENTIONED ON THE COVER.**

S.No.	Description of the Goods	Quantity Required
1	As per list mention in below	01

1. While submitting the quotation following should invariably be mentioned:

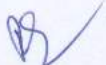
- Details of specification.
- Lowest rate F.O.R. destination.
- Discount, if any.
- Period of validity – (minimum six months).
- Firm delivery time from the date of receipt of confirmed order, condition of supply and terms of payment.

2. If you are manufacturer of the items or if you have proprietary distribution/sales authorization, please mention it in the quotation and also attach the relevant certificate(s).

3. Terms & Conditions as applicable are attached.

N.B.


- Under no circumstances unsealed quotation will be entertained in the office.
- Quotations received after the due date shall not be considered.



Convenor
Purchase

Rajesh Kumar
9/8/19
Principal
C.M.P. Degree College
Principal
C.M.P. Degree College
Allahabad

Terms & Conditions

1. Quotation received after due date and time shall be summarily ignored.
2. Unsolicited / conditional / unsigned tenders shall not be considered.
3. Complete specification with model and manufacturer name and address should be given while quoting. Literature / Pamphlets should also be enclosed wherever applicable.
4. Rates must clearly indicate all taxes and discounts offered, if any.
5. No price negotiation will be entertained in normal course of action.
6. In case the products are available on DGS&D rate contract, may quote DGS&D rate contract rates enclosing a copy of the rate Contract.
7. Delivery shall be given in specify date of receipt of purchase order at the College Campus. The offered delivery period shall have to be strictly adhered to incase an order is placed.
8. IT, TT would be recovered as per rules. Kindly furnish your CST, UPTT and TIN Number in your quotation for our records.
9. Payment shall be made on delivery and satisfactory installation of the equipment.
10. After sale & service will be provided free of cost up to warranty period. Charges after warranty period may be quoted.
11. Tender conditions, if any, or otherwise sent also with the tender shall not be binding on us.
12. The acceptance of the quotation will rest with the competent authority of Principal C.M.P. Degree College, who does not bind himself to accept the lowest quotation and reserves the right to himself to reject, or partially accept any or all the quotation & received without assigning any reasons.
13. All the above instructions and our standard terms and conditions must be complied, failing which your offer may be liable for rejection.
14. All suits shall be in the courts of Allahabad Jurisdiction only.
15. Terms & conditions of purchase as per University rules shall be applicable.
16. Tender(s) / Quotation(s) should be addressed to the Principal C.M.P. Degree College.
17. Vendor must enclose a authorization certificate of the company with tender document.
18. Successful bidder shall furnish an unconditional PBG / SD valid till 60 days after the warranty period from any nationalized / scheduled bank for 10% of the total amount.


Convenor
Purchase


09/8/19
Principal
C.M.P. Degree College
Principal
C.M.P. Degree College
Allahabad

(2)
211

DEWINTER TRINOCULAR FLUORESCENCE MICROSCOPE
MODEL: FLUOREX (LED) with complete set of phase contrast unit

Specifications

Trinocular Observation Head

- Siedentopf observation head inclined at 30° rotatable at 360°.
- Diopter adjustment ring on ocular tube (± 5).
- Interpupillary distance from 55 mm to 75 mm.
- Vertical phototube for digital camera.

Eyepiece (Anti fungus)

Extra wide field 10X (paired) F.O.V. 22 mm.

Objectives (Spherochromatic Aberration Infinity Fluorescence Objectives)

- Flour Plan 4X
- Flour Plan 10X
- Flour Plan 40X
- Flour Plan 100X

Excitation Filters

- B Excitation (460 nm-470 nm)
- G Excitation (520 nm-530 nm)
- V Excitation (390 nm-400 nm)
- UV Excitation (360 nm-370 nm)

Mechanical Body

- Co-axial focusing system provided PRE-FOCUSING LEVER & TENSION ADJUSTMENT RING is available on right & left side respectively.
- Quintuple reversed angle nosepiece.
- The mechanical stage is of 210 mm X 140 mm and has co-axial low positioned controls.

Sub stage Condenser

Abbe condenser N.A.1.25 with adjustable iris diaphragm.

Light Source

Transmitted light source: 3W LED bulb integrated field diaphragm. Epi-fluorescence light source 3W high, brightness LED lamps. Enable selecting monochromatic or dichromatic LED for light source.

Standard Accessories

- Fuse tube, power cord, instruction manual, dust cover,
- power supply for LED lamp, blue filter and Styrofoam molded pack.

DIGITAL USB CMOS MICROSCOPE CAMERA MODEL: DIGI 1000

Features

- 10.0 megapixels with progressive scanning CMOS image sensor.
- No compression, no interpolation.
- Support still image capture (JPG,BMP)
- USB2.0 interface, up to 480MPS, external power no need.
- Interfaced to a computer via USB2.0 technology for rapid image download.

Rajesh Kumar
9/8/15
Principal

B. L. B. Degree College

- Plug-to-use, suitable for shooting of any standard biological, stereo and metallurgical microscopes.
- Ease of operation; only take 5 minutes to master the friendly software.
- Standard C-Mount makes connection to any microscope easy. Macro lens setups are also supported
- Fully integrated package with digital camera and imaging software for managing your imaging work flow.
- Data can be shared, stored and edit, real-time preview function offers you the greatest experience with the microscope.
- Videotaping is available, simple to store and transfer when compression mode is selected

Specifications:

Sensor	1.2.5" CMOS (Micron MT9E001)	Sensitivity	1.0 V/ lux-sec (550 nm)
Resolution	3664 X 2748	Data Interface	USB2.0 (480 Mbit / sec)
Pixels Size	1.758X 1.75 microns	Power Supply	DC 5V \pm 5%
Frame Rate	3fps@ 3664 X 2448	Electricity	\approx 200 mA
	30 fps@640 \times 480	White Balance	Auto one-touch
Shutter	Electronic	Exposure control	10 μ s–32ms,Auto exposure
S/N Ratio	43 dB	Software	Display/Film/Video
Scanning Mode	Progressive scanning	Operating Temp	0°C ~ 60°C

BIOWIZARD SOFTWARE

Image Editing

Cut/Copy/Paste, selected copy by free hand AOL. Resize, Crop/Duplicate/restore, conversion to other format like BMP,JPG,TIF, Annotation like, free hand drawing, straight line, square, Circle, arrow, Text, highlighter etc, pointer, eraser.

View

Zoom in/Zoom out, rotation 90°,180°,27°, horizontal flip/vertical flip, Redo/Undo, Intensity histogram.

Image Processing

Background subtraction, contrast enhancement, boolean math, ADD,OR,XOR etc.

Routine Filters

Invert, Brightness, Contrast, Hue, Saturation, Blur. Noise removal, Gamma RGB, etc.

Edge Detection & Morphology Function

Laplacing, sobel, Kirsh, Skelotizing, pruning, histograme equalization, histogram smoothing, etc.

Measurement

- Spartial calibration

Project Kumar
9/8/19
Principal
C.M.P. Degree College
Allahabad

212

- Line measurements for Distance, Length, Width, Perimeter, Angle, Three Point Radius.
- Area by enclosed line controlled by four arrow keys available on keyboard arrows with zoomed preview.

Count & Classification

Identification of objects in an image, count them, obtain several features measurements. Objects identification by user or automatically. User defined classification on basis of size or intensity.

Threshold Particle Measurement:

Manual, Auto bright and Auto dark methods to identify intensity range defined object to be measured. Various calculation & measurements available for selected Particle are; Dimensions, Area, Perimeter, Ferrite Length, Min/Max Radius, Thread Length, Thread Width, Fiber Length, Fiber Width.

Segmentation

Measure area fraction & volume fraction. Identify multiple phases within Microstructure. Also delineate phases from the histogram.

Report

- Three options: Direct printout with original image processed Image & Tabular results
- Export to MS Office or Excel for further modification.

Prakash Kumar
9/8/19
Principal
C.M.P. Degree College
Allahabad

Dr. Vijay Pratap Singh
02.08.19
Dr. Vijay Pratap Singh
Principal Investigator
SERB-DST Project
(EMR/2017/000518)
Department of Botany |
C.M.P. Degree College
University of Allahabad
Prayagraj-211002

Meena Rai
2/8/19
CONVENOR
BOTANY DEPARTMENT
C.M.P. College, Allahabad