



TRIVENIDEVI BHALOTIA COLLEGE

(Govt. Sponsored)

Post: Raniganj, Dist.: Paschim Barddhaman, Pin- 713347

ESTD – 1957

Tender Notice For Department of Zoology

Ref: Tender/SRG/2022/00053/01

Date: 28/10/2022

This is an open circulation on behalf of Dr. Shreyasi Gupta, Assistant Professor, Department of Zoology, T.D.B College, and Raniganj seeking competitive quotations (bid) from potential companies / agencies for purchase from nonrecurring fund of a DST SERB Project (SRG/2022/00053).

The bidder must be a company registered under Companies Act, 1956/2013 or Partnership or LLP or OPC or Proprietary Firm. Documentary (Certificate of incorporation/Relevant document) evidence to be submitted.

The bidder should have valid GST Registration Certificate, PAN & Trade License. Bidder shall have to submit all this data if necessarily asked by administration of TDB College.

Equipment: Fluorescence Microscope

Technical Specification:

Four imaging channels Brightfield and three fluorescent channels*

Blue channel Ex: 355/40 nm, Em: 433/36 nm

Green channel Ex: 480/17 nm, Em: 517/23 nm

Red channel Ex: 556/20 nm, Em: 615/61 nm

Illumination light sources

UV LED for Blue channel

Blue LED for Green channel

Green LED for Red channel

Bright field channel - green LED for image contrast optimization

Touch screen: 10.1 inch color (26 cm) LCD monitor, touch screen with anti-glare and anti-finger print treatment, 1280x768 pixels image resolution, 80-180° angle tilt range

Focusing mechanism Coarse and fine, manual adjustment

Image capture Monochrome camera, 12 bit CMOS, 5 megapixels

Image file types JPEG, TIFF, RAW

Image merge Brightfield and 3 fluorescent images can be overlaid

Data storage 2000 images, 16GB internal memory

Data export Yes, 2 USB ports

Objective 20X

Magnification

Display magnification: 175X, Digital zoom magnification: 700X

Numerical aperture 0.40

FOV 0.70mm²

Motorized stage 6mm travel in X, Y direction, touch screen control of travel speed and direction

Compatible consumables

Flasks (T25, T75, T225), Multi-well plates (6, 12, 24, 48, 96, 384 wells), Dishes (35mm, 60mm, 100mm), Chamber slide, Glass microscopy slide

On-board software

Stand-alone Yes, Android operating system; PC is not required for operation

Instrument dimensions (w/d/h) 33 x 32 x 30 cm / 13 x 12.6 x 11.6 inches

Instrument weight 9 kg / 19.7 lb

Interested Vendors may contact Dr. Shreyasi Gupta (guptashreyasi2009@gmail.com) for further clarification.

NB: Sealed quotations must be submitted within 15 days from the date of publication of this notice. Payment will be done after satisfactory installation.

Please mention Equipment name and tender ref number on sealed envelop and address that to Dr. Shreyasi Gupta, Department of Zoology, C/O Principal, Trivenidevi Bhalotia College, Raniganj, Paschim Barddhaman, 713347, West Bengal

Sd/-

Principal

T.D.B College, Raniganj