

THE UNIVERSITY OF BURDWAN

DEPARTMENT OF ZOOLOGY

Tender Notification/ Inviting Quotations

Ref. No. ZOO/BU/2018/DST-SERB/PM/4

Dated: 13.12.2018

Sealed Quotations are invited from reputed manufacturers/vendors/suppliers for the supply of following instruments as per specification given below to be purchased by Dr. Paramita Mandal, Department of Zoology, The University of Burdwan from budget head of the DST-SERB sponsored research project entitled "Characterization of minor capsid protein L2 and non coding region 2 of HPV16 in cervical cancer pathogenesis harboring episomal viral genomes".

Items with Specification:

Item	Specifications	Quantity
1. Inverted microscope	<ul style="list-style-type: none">• 'DGI-530 HDMI wifi ' 5 MP CMOS sensor multi mode digital camera attachment (bright field, specially for phase contrast and flouorescence)• Dedicated for microscopic use with ' BLOWIZARD FISHWIZARD 4.2 ' live image preview, measure, edit and capture software and mobile app digicam for wifi connection• <i>The microscope, camera and imaging softwares must be from same manufacturer for best compatibility and service back up</i>• <i>Software must be own copyright version and submit copyright certificate from Govt. of India along with the techno-commercial bid</i>• Modulation and Relief 3D Contrast observation of thick samples with both glass and plastic holders.• OPTICAL SYSTEMS : NIS 60 Infinite optical system (IOS), Color corrected, (CCIS).• ANTI FUGUS PROTECTION : Anti-fungal anti-bacterial coated (multi-layered hard coated).• ILLUMINATION : 3W S LED illumination Life 60,000 hrs, equivalent to 50W Halogen.• VIEWING HEAD : Sidentopf Binocular inclined at 45°, Sidentopf Head, IPD from 48-75, additional side camera port with splitting ratio 100:0, 50:50. 0.5x C-Mount Reduction (Relay) lens for microscopic camera attachment.• NOSEPIECE : Precise Quintuple revolving	One

	<p>Nosepiece.</p> <ul style="list-style-type: none"> • EYEPIECES : Paired, High Eye point WF 10X, FOV-22mm with diopter adjustment on both eyepiece (+5mm). • RECTANGULAR STAGE : Fixed Size 200(X) × 250 (Y) mm, Attachable Mechanical Stage : 130 (X) × 80 (Y) mm, Accepts different types of micro-testplate, Glass Slide Holder & Culture Flask Holder, Universal Holder for Holding all types of plates. • OBJECTIVES : LWD4X, N.A. 0.13, W.D. 22mm, SEMI APO Phase objectives LWD 10X, Phase, N.A. 0.40, W.D. 3.1 mm, SAPO, Infinite, LWD 20X, Phase, N.A. 0.75, W.D. 0.6mm, SAPO, Infinite. Hoffman Modulation Contrast Special designed Objectives 10x, 20x & 40x with Hoffman Modulation Condenser for observation of thick samples with both glass and plastic holders. and Relief 3D Contrast 10x, 20x, 40x Objectives with Universal Emboss contrast slide 10x,20x & 40x . • COARSE & FINE FOCUSING : Coaxial coarse and fine adjustment, has the function of coarse tightness adjustment, Fine Division 1 um, Fine stroke 0.2mm per rotation , Coarse stroke 37.5mm per rotation. Up 7mm , down 1.5mm. • LONG WORKING DISTANCE CONDENSER Condenser NA 0.3, WD 75mm, without Condenser WD 187mm. • ENERGY SAVING MODE : Using energy-saving device (ECO), no manoeuvring time exceeds 15 minutes, Automatic hibernation, saving energy and energy. Just press one button to restart again. • Upgradable to Multi Fluorescence Filters (B.G,UV etc.) LED as well as Mercury 100W Fluorescence Attachment. Also Upgradable to Hoffman Contrast, Emboss Contrast for three (3D) dimensional observation of thick samples with both glass and plastic holders. • Warranty: 1 year 	
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Terms & Conditions:

1. The equipments must be of good quality, hardy and the supplier must provide warranty/cashless after sales service for a period of at least one years after installation has been made.
2. The quotation MUST include the FINAL PRICE (inclusive of all; viz, **GST, PAN, GST, PAN, INCOME TAX RETURN, any other tax ,carrying cost, transportation cost, installation cost, discount if any, etc.**) of the respective equipment's in INR (Indian rupees).
3. The suppliers must also include terms & conditions for the after sales service details possible only at The University of Burdwan, warranty period.
4. The quotation with improper specification and brand will be rejected and not to be considered
5. All the details along with the quotation must reach the following address on or before 24th December, 2018 (11.00-4.00 PM) to **Dr. Paramita Mandal, Department of Zoology, The University of Burdwan, Golapbag-713104, Burdwan, WB, India.**

Sd/-

Dr. Paramita Mandal

Department of Zoology , BU