Institute For Stem Cell Biology and Regenerative Medicine
Autonomous institute of the Department of Biotechnology, Government Of India

inStem

Ref: **INS/F-5017/2018-2019(Y)** **Date :** 09/04/2018

ENQUIRY

Dear Sirs,

Please let us have your lowest Quote/Proforma Invoice indicating cost including packing ,insurance,estimated airfreight charges,handling charges,etc.CIF/CIP upto inStem Stores for the following materials.

Sl.No	Cat.No	Item Description	Make/Model	Item Qty	UOM
1		Inverted tissue culture microscope (As per the specification attached)	Any	1.00	No.

Remarks:The Tenders to be quoted in foreign currencies & any other currencies approved/traded by RBI - USD/Euro/JPY/GBP/SGD/CAD/INR.

Please also indicate specifically the following :

1. The bids / quotation addressed to **"THE HEAD-PURCHASE"** with Tender / Enquiry Ref No and Item Description should reach us before submission Date and Time. The bids / quotation are liable to be rejected , if not addressed to **"THE HEAD-PURCHASE"**.
2. **EXIM CODE -8 digit customs tariff Number -HSN (Harmonised System Nomenclature)**
3. Country of origion
4. Place of Shipment
5. Name, address,telephone number and fax numbers of your bankers.

Your Account number and swift number with the bank(required for payment purposes if the order materialises on your firm).

7.**Please Indicate frieght and insurance charges seperately.**

8.Please Indicate the Warranty Period and Delivery Period.

Kindly expedite sending your Quote/Proforma Invoice/Invoice by courier so as to reach us latest by **23/04/2018 till 5.30 p.m.**

Important Note

10.Shipping by AIRFREIGHT ONLY-CARGO MODE

11.Port of Entry for Customs clearance is -BANGALORE

2.Please use International Freights which arrive directly into Bangalore.Ex.Lufthansa Airlines Cargo,Singapore Airlines Cargo.

inStem PURCHASE

Institute For Stem Cell Biology and Regenerative Medicine
Autonomous institute of the Department of Biotechnology, Government Of India

inStem

Ref: **INS/F-5017/2018-2019(Y)** **Date :** 09/04/2018

13.NO SHIPMENT SHOULD BE MADE THROUGH COURIER COMPANIES LIKE FEDEX,TNT, UPS,DHL ETC.SHIPMENTS SENT THROUGH FEDEX,TNT,UPS,DHL,ETC.WILL NOT BE ACCEPTED BY NCBS.

14.inStem is exempted in paying customs duty(except advolerum duty of 5% + 2% cess and 4% CVD on CIF value) PLEASE NOTE THAT PAYMENT WILL BE MADE THROUGH SIGHT DRAFT THROUGH BANK(CASH AGAINST DOCUMENTS).DOCUMENTS WILL BE RELEASED FROM THE BANK IMMEDIATELY ON RECEIPT OF THE INTIMATION.BANK CHARGES INSIDE INDIA SHALL BE TO NCBS ACCOUNT AND OUTSIDE INDIA SHALL BE TO YOUR ACCOUNT.ALSO DO NOT INCLUDE CHARGES TOWARDS CUSTOMS DUTY IN YOUR PRICES SINCE NCBS WILL BEAR THIS EXPENDITURE.

Yours faithfully

For and on behalf of Insitute For Stem Cell Biology and Regenerative Medicine

Yesu R

GKVK, Bellary Road, Bangalore-560065,INDIA
Phone No. : 91-80-23666343/344/345/346 Fax : 91-80-23636662
Email Id: purchase@ncbs.res.in Website : www.ncbs.res.in

inStem PURCHASE

Institute For Stem Cell Biology And Regenerative Medicine

inStem

Ref No: INS/F-5017/2018-2019(Y)

Technical Specifications of Modular Inverted research Fluorescence Microscope for Cell Biology

A modular Inverted Microscope to suit to various laboratory applications for cell biology and tissue culture lab. The microscope should be of modular design with infinity optics and possibility to upgrade to various applications at later stage. The microscope should be capable of Bright field, Phase contrast, Plas DIC, varel contrast, Hoffmann contrast techniques and Fluorescence observations.

The microscope should have the following technical features:

1. Rugged and sturdy stand with modular design for future up gradation to various techniques.
2. Built-in electronic power supply unit for mains connection 100-240V, 50-60Hz and with 12V/60 watt power output.
3. Co-axial coarse and fine focus knobs ergonomically positioned either side of the microscope stand for convenient operation with adjustable focus stop.
4. Power ON/OFF switch and illumination regulation control knobs to be located close to the focus knobs for ease of operation.
5. Microscope should have powerful transmitted light illumination with 12V/35watt halogen lamp and should have a provision to switch over to a long life LED illumination.
6. Microscope should have a Quintuple (5x) precision revolving nose piece with provision for Plas DIC sliders.
7. Microscope should have a built-in 4 position reflector turret for Fluorescence filter blocks with easy filter changing device and with pixel shift free device.
8. Microscope should have a built-in Epi fluorescence illumination optical path with high efficiency transmission for optimal fluorescence excitation.
9. Fluorescence illumination with high power LED Illumination with filters suitable for DAPI, FITC, TRITC and Cy5 having excitation wavelengths 385, 475, 555 and 630 nm.
10. Binocular tube with 45deg inclination with Sidentopf swivelling eyepiece tubes and with inter-pupillary distance adjustment range 55-75mm.
11. The microscope stand should have provision to attach a camera without replacement of the Binocular tube.
12. Microscope should have a hard coat anodized specimen stage with 230x230mm size to accommodate various specimen holders. It should have an object guide with long coaxial X-Y drive knobs and holders for various specimen containers like petridishes, slides, multiwell plates etc. It should also be able to accommodate tissue culture flask and roller bottles. It should have a provision and possibility to upgrade with motorised scanning stage for advanced applications.
13. Long working distance condenser with 0.55NA, with sliders for Bright field & Phase and Plas DIC. It should have a provision to upgrade to varel contrast and Hoffman modulation contrast.
14. Infinity corrected high contrast long working distance Plan Achromatic objectives suitable for Phase contrast and Plas DIC with magnifications 5x, 10x/0.25, 20x/0.35, 40x /0.55 and 60/63x/0.65
15. Pair of wide field 10x eyepieces with FOV of 22mm or more with focusable front lens and with rubber eyecups suitable for spectacle wearers and should have a provision to insert measuring graticules.
16. Universal mounting frame for: - Petri dishes dia. 24...68 mm - slides (max. length 120 mm)
17. The microscope should have high resolution Camera, 5 megapixel CMOS chip sensor , Fast readout with 36 full frame images per second, and should having the following features.

    Pixel size: 3.45 μm x 3.45 μm
    Sensor size:8.5 mm x 7.1 mm, equivalent to 2/3" (11 mm diagonal)
    Digitization: 8 and 12 Bit / Pixel
    Interfaces : USB 3 (5Gbit/s)

inStem PURCHASE