

Ref: INS/L-5768/2018-2019(Y)

Date : 07/11/2018

ENQUIRY

Dear Sirs,

Please let us have your lowest Quotation for the following :

Sl.No	Cat.No	Item Description	Make/Model	Item Qty	UOM
1		Microscope (Specifications Attached)	-	1.00	No.

Remarks : The Price quoted against this RFQ should be extended to Bangalore Life Science Cluster (BLiSc) of NCBS, Instem and C-CAMP for placing repeat order as per norms, by any one or all institutes of Bangalore Life Science Cluster (BLiSc). **inStem is a public funded research institute and is entitled to concessional rate of GST @ 5% for items supplied for research purpose. The offer should be submitted after fully considering the above notification. **

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

1. The bids shall be enclosed in an envelope , and due date sealed duly marked "Tender for _____" Ref No : _____. The bids should be addressed and to be mailed to "THE HEAD-PURCHASE". The bids are liable to be rejected if the sealed envelope is not addressed to "THE HEAD-PURCHASE" with Tender Ref No and Item Description and due date. The bids delivered in person shall be dropped in Purchase Section. If the bids are sent through courier or mail , it should reach by submission Date and Time and inStem will not be responsible for the delay.

2. **DUE DATE FOR SUBMISSION OF QUOTATION AGAINST THIS ENQUIRY IS 26/11/2018 till 5.30 p.m.**

3. QUOTATIONS RECEIVED AFTER THE DUE DATE SHALL BE REJECTED.

4. The Validity of your quotation should be for 60 days from the date.

5. All duties, taxes, surcharge and cess as currently applicable must be stated in your quotation, separately. Otherwise your quote is liable to be rejected.

6. Your quotation should indicate delivery period & Warranty period.

7. Delivery to be made to our Stores. Please indicate charges, if any extra. Transit Insurance should be done upto inStem Stores.

8. If you are unable to supply the quality, specifications or brand as mentioned in our enquiry, please state so and then offer alternative to quality/specifications.

9. Payment : within one month after delivery & acceptance/satisfactory installation.

10. Please ensure that the enquiry number and the due date is superscribed on the envelope failing which your quotation is liable to be rejected.

11. Since we are a public funded research institution, we are exempted from paying Customs Duty (Except ad valorem duty of 5% + 2% cess and CVD @ 4% vide Notification No. 51/96 with latest amendments) and excise duty vide Notification No. 10/97 CENTRAL EXCISE dated 01-03-1997 for all scientific equipments, technical instruments, equipments (including computers), their accessories, spares, consumables and software. Hence, please offer your prices taking this option into consideration.

The successful bidder will have to agree that in case the item is not supplied within the agreed delivery schedule and after a grace period of seven days, then Liquidated Damages (not in terms of penalty) will be imposed automatically and be deducted from their bill at the rate of 0.5% per week subject to a maximum of 10% of the order value.



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12.If the item is covered under DGS&D rate contract,please quote the rate as per the DGS&D rate contract with xerox copy of the DGS&D order.

13.Any dispute or differences that may arise between the parties shall be referred to the sole arbitration of the Centre Director or his nominees.The decision of the arbitrator shall be final and binding on the parties.The venue for arbitration shall be Bangalore.The provisions of the Arbitration and Concillation Act,1996 as amended from time to time shall apply.The Courts in Bangalore shall have exclusive jurisdiction to deal with any or all disputes between the parties.

Yours faithfully

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



Yesu R



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Inverted Fluorescence Microscope with camera for cell culture imaging

Trinocular Inverted microscope frame with built in Camera Port for 100% light for imaging is preferred. 1X C-mount adapter, dust cover.

LED transmitted illumination for bright field, phase contrast studies with at least a life of 20,000 Hrs. .Revolving nosepiece vertical movement, with Trinocular observation tube and 10X wide field eyepieces (2pcs), Aperture diaphragm, Filter holder, observation tube with stroke for interpupillary width 48mm~75mm, Angle at eye point 45°, Inner diameter of ocular sleeve 30mm, Diopter alignment should be available at eyepieces. Light intensity ratio of observation : Camera port 100:0 / 0:100 is preferred.

Fine and Course handle, Stroke 20mm (Stroke per round (Course) 36.8 mm, Scale mark 2.5um/one mark, Plain stage 200 mm (L) X 252 mm (W).

Condenser with numerical aperture: 0.3 Working distance: 72mm , The condenser should be applicable to the objective magnifications from 2X, to 40X. The height should be preferably Up to 190mm. The tissue flask should be possible to be loaded on the stage. Power cord, dust cover, Interference green contrast filter

Phase contrast slider for phase observation, pre-centered. The slider should be applicable for the objectives from 10-40X for faster cell culture operations.

Objectives:

Plan achromat objective 2X/0.06, WD 5.8 with ring slit for 22mm field of view of 11mm diameter for higher contrast to allow transparent objectives to be clearly identified.

Achromat phase (pre-center) objective 10X with 0.25 N.A or better, W.D. 8.8mm

Long working distance achromat phase contrast (pre-center) objective 20X with N.A 0.4 or better, WD 3.2

Long working distance achromat phase contrast (pre-center) objective 40X with N.A 0.55 or better, WD 2.2

C-mount and Video port adapter

Fluorescence attachment:

Reflected light fluorescence illuminator equipped with with UV, Blue & Green Excitation Filters (for DAPI, GFP, Alexa Fluor 488 / GFP / FITC & Rhodamine / TRITC), 100 watts mercury burner with lamp housing (or equivalent LED source) and other accessories.

Camera:

Colour digital CCD camera for microscope, Single chip colour CCD camera, 2/3 inch colour CCD, 5.05 megapixels or equivalent, Progressive scanning preferred, RGB primary colour on-chip filters, Recording area 8.4(H) × 6.62(V) mm, diagonal length 10.73 mm or equivalent, (Equivalent CMOS camera will also work.)

Imaging and analysis software with features like user experience customization, overlay multiple images, Movie playback, Tile view, Snap/ movie acquisition, Time lapse at specified interval, Manual multiple image alignment, Manual EFI imaging, Image processing, geometry/combine/filter processing, Region and line measurements, Interactive measurements,

Minimum Computer requirements: Intel i5 processor, intel original motherboard, 4GB RAM, 1TB HDD, 1GB Nvidia Graphics Card, USB slots, DVD writer, wireless keyboard, optical mouse, 23 LED monitor, Windows 10 professional OS 64 bit etc



