

Indian Institute of Technology - Kanpur
Department of Biological Sciences & Bioengineering

Enquiry Number: BSBE/CARE/2013/transgenics/NC2, dated 18/12/2012

Sub: Inquiry for supply of Stereomicroscopes with and without fluorescence accessories

Opening date: December 18/12/2012

Closing date: December 28/12/2012

Item # 1 High resolution and automated state of the art fluorescence stereomicroscope. (Qty 1)

- Automated Stereozoom microscope with Common Main Objective lead-free.
- Motorized focus.
- Zoom range 20.5:1
- Magnification 7.8x-160 with 1.0x Pl Apo objective & 10x eyepiece.
- Resolution 525 lp/mm with 1.0x objective.
- Numerical aperture 0.175
- Optical path should give maximum resolution & maximum depth separately but simultaneously to get best of observation through “Fusion Optics”.
- Control panel for all auto functions.
- LCD display of all major parameters in front of microscope
- Observation tube trinocular with 100/0%-0/100% light path.
- Transmitted light stand with Blue filter.
- LED segmented illumination ring light.

Fluorescence accessories:

- System with Triple beam path (one path exclusively for fluorescence axis) .
- Alignments free Illumination with 2000h life time for fluorescence.
- Excitation filters for DAPI (Excitation 350/50nm), GFP (480/40)and m-cherry
- Cooled Colour Digital camera for Fluorescence microscopy with pixel size 6.45x6.45 micro meter, integration time upto 600secs.
- Camera should have provision to switch on/off facility for cooling device.
- S/W for Multi-channel image acquisition.

Item # 2. Binocular Stereomicroscopes based on Common Main Objective (CMO) optics. (Qty 2)

- Swing arm stand & LED reflected light
- Transmitted light bright & dark field with day light filter and Led reflected light.
- Zoom range 7.5x to 60x with 1.0x objective & 10x eyepiece.
- Eight locking zoom levels.

- Objective 1.0x & eyepiece 10x with field of view (FOV) 23.
- Resolution of 308 lp/mm.

All quotes should mention/include the following:

- Validity at least for 90 days.
- Warranty period for the instrument (preferably for two years from installation).
- FOB (indicating port of shipment) and CIF (New Delhi) values separately if requires import.
- The quote should cover insurance for transport up to Kanpur.
- Indian agency commission if applicable (should be certified by the principal if no agency commission is applicable) in case of import.
- Authorization certificate from the principal if you are a local agent.
- Terms and conditions for the payment, including the banker's name of the principal and the account number, if any, for electronic transfer.
- Include proprietary item certificate if applicable.
- Technical literature to support your product.
- Users' list with contact address.

The quote (in duplicate) should reach the undersigned on or before **December 28, 2012**. The envelope should be marked as "**Inquiry for supply of Stereomicroscopes with and without fluorescence accessories**".

Prof. Pradip Sinha
Department of Biological Sciences & Bioengineering
Indian Institute of Technology,
Kanpur 208016 (UP)