

Indian Institute of Technology, Kanpur

Call for Quotation: Fluorescence Microscope

IITK/MSE/vverma/FM

DATED: 06/03/2013

CLOSING DATE: 14/03/2013

This is a call for quotations from the prospective suppliers for the High resolution trinocular microscope for bright field & fluorescence. Microscope with digital camera & software (upgradeable to DIC) with the following minimum specifications/requirements:

1. Basic stand with 12V100W stabilized power supply (90-250V).
2. Wide field Eyepiece 10×/22 mm FOV. Fluorescence suitable objectives with 10×, 40× & 100× oil.
3. Colour coded condenser for easy matching of objective N.A. with condenser N.A to get image with best contrast & resolution.
4. Trinocular observation tube with Vis/Phot. 100/0, 50/50 & 0/100 light beam splitting facility to get more flexibility in normal observation using 50/50 & 0/100 for very low light fluorescence imaging.
5. Fluorescence attachments with latest technology, Zero pixel shift with narrow band blue & green excitation filter.
6. High resolution cool digital firewire camera, camera interface as per CCD sensor size.
7. Cooled colour camera having cooling on/off facility to increase life of CCD sensor.
8. Camera must have 600 secs grade integration time for very low light imaging.
9. 5 function 3- steps focus drive for critical focus at high magnification.
10. X/Y drive knob left/right switchable for flexibility to user.
11. 6- positions nosepiece.
12. Software for Measurements, Annotation, Micron bar, time laps, movie recording facilities.

Please send technical and financial details in separate sealed envelopes as “Technical Bid” and “Financial Bid” respectively. You may highlight any special features of your product along with support evidence/data sheets. Maximum education discount should be offered. Payment will be 90% upon delivery and remaining 10% upon satisfactory installation.

Prospective suppliers may submit **Competitive quotation** for fluorescence microscope in sealed envelope that must reach latest by **14th March, 2013**, to the following address:

Contact-

Dr. Vivek Verma
410, Faculty Building
Materials Science & Engineering,
Indian Institute of Technology Kanpur
Kanpur 208 016
India