

**Indian Institute of Technology Kanpur**  
Department of Civil Engineering

No. JNM/TSM/IITK-02

11 October, 2011

**Sub: Quotation for Trinocular Stereozoom Microscope with Camera  
and Software**

Dear Sir,

We propose to purchase high end automated Trinocular Stereozoom Microscope for our ongoing research with following specifications:

- 1) The microscope should be automated stereozoom microscope with concept of Common Main Objective (CMO).
- 2) Plan Apochromatic corrected microscope body with motorized zoom & focusing. Zooming range of 20:1 or higher.
- 3) Work on operating concept of CMO (Common Main Objective)
- 4) Three slots for objectives with a Plan Apo-chromatic S 1.0x objective of working distance of 60mm and Plan Apo-chromatic objective of 1.5x with FWD of 30mm.
- 5) Complete shift-free 3-D Imaging.
- 6) Resolution of 1000lp/mm.
- 7) 10x Eyepieces with 23mm FOV.
- 8) Visible LED with Ring Light reflected illumination and transmitted illumination. There should be a facility to make oblique illumination with segment control. Stand with Transmitted and reflected light.
- 9) Camera: Around 5 Megapixel CMOS Camera. The attached camera should be integrated with computer through USB. It should have slots SD Card, storage card, and with C-Mount adapter.
- 10) Software: User friendly software for image analysis having compatibility with Windows-Vista or Windows-7. It should be integrated with above camera and should be capable to operate. It should also provide basic applications like colour adjustment, measurement of the specimen (line, length, circle), scale on image etc.

You are requested to submit your quotation in a sealed envelope with complete product description, technical literature, price, warranty period, delivery time and other terms and conditions if any by October 24, 2011. Your quotation should be sent on the given address: Dr. Javed N Malik, Department of Civil Engineering, IIT Kanpur. Kanpur 208016. Uttar Pradesh. If you have any questions please call Dr. J. N. Malik at 2597723.

Yours Sincerely



(J N Malik)