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**Subject: NIQ for the supply of Instrument.**

Sir,

Kindly quote separately your lowest rate for the supply of following item:

**Item: TRINOCULAR UPRIGHT COMPOUND MICROSCOPE**

**Quantity: One**

**SPECIFICATIONS:**

1. UIS2(Universal Infinity System) optical system
2. Rackless or ball bearing mechanical stage for durability and ease of use.
3. Quadruple revolving nose piece, Wire movement mechanical stage:120x132 mm, Traveling range: 76mm(X) 30mm(Y).
4. High performance aspheric lenses in Abbe condenser and the light relay system.
5. Window in the arm section to observe the specimen with naked eye & through the natural light by using reflector.
6. Universal power supply (100V to 240V) 50/60Hz voltage imported for 6V 20W or above illuminator.
7. Anti fungus optics Plan Achromatic objective 4X, (N.A. 0.1, W.D 18.5mm) 10X (N.A. 0.25, W.D 10.6mm), 40X Spring (N.A. 0.65, W.D 0.6mm) & 100X Spring, oil (N.A. 1.25, W.D 0.13mm)with inter-changeability & course focus in both sides.
8. Student proof 10x eyepiece field number 20 (antifungus), FN 20) with ergonomic design frame for all main operating controls within easy reach.
9. 30 degree inclined binocular tube inter-pupillary distance adjustment range 48-75mm, with above type aperture iris diaphragm condenser
10. Microscope should be upgradable for incident light LED fluorescence techniques

**SPECIFICATIONS FOR THE CAMERA ALONG WITH IMAGE ANALYSIS SOFTWARE TO BE PROVIDED WITH THE ABOVE MICROSCOPE**

Magnus USB CMOS Color Camera System complete with High resolution 14-Million Pixels, 1/2.5" USB CMOS imported color Camera and with Magnus C-mount optically corrected & compatible microscope adapter from Olympus India.

**Camera & Software Features:**

**Camera:** Simple connectivity, Ease of use & installation, Electronic shutter control (no moving parts) Single-cable operation (no external power supply or control unit), Portability with laptop computer (Computer Platforms/Operating Systems Windows7. Auto/manual adjustments: Shutter 1/10000 to 30s, Gain 0 to 18dB, white balance -6dB to +6dB

**Software:** Real-time preview & capture advanced color management color correction algorithms ensure accurate true color imaging. Background and dark field correction. Auto-exposure, auto white balance, auto contrast (dynamic and manual controls)

The quotation in a sealed cover and quoting lowest rate (**technical and financial bid should be in separate envelope**) along with the applicable taxes with **2% EMD** and discount for the universities should reach to the office of **The Chairperson, Department of Environment Studies, Panjab University, Chandigarh latest by 23 March, 2017, 5.00 PM.**

Kindly mention **“Quotation for Trinocular Upright Compound Microscope”** on the cover of the Envelope.

Yours Sincerely,

(Meenakshi Singh)

PI, SERB Project