

**PROCUREMENT OF GOODS UNDER
NATIONAL SHOPPING PROCEDURES
INVITATION FOR QUOTATIONS FOR SUPPLY OF LABORATORY EQUIPMENTS
UNDER NATIONAL SHOPPING PROCEDURES**

To

Dear Sirs,

Sub: INVITATION FOR QUOTATIONS FOR SUPPLY OF LABORATORY EQUIPMENTS

1. You are invited to submit your most competitive quotation for the following goods:-

Brief description of the Goods	Specifications*	Qty	Delivery period	Place of delivery	Installation requirement if any
Fluorescence Microscope	<p>Infinity corrected achromatic optical system, Anti Fungal with high quality micro-technique present super excellent micro-image at any observation. 30°Seidentop trinocular viewing head(dedicated for fluorescence) with 360° rotatable eyepiece tube, interpupillary adjustable distance: 50-75mm, fixed spectroscopic ratio R:T= 0:100, WF10X/22mm, diopter +/-5 adjustable and Rubber Eyecups (Pair). Revolving quintuple nosepiece; (for 5 objective), with ribbed grip for easy rotation, mounted on precision ball bearing mechanism.; Stage: Double layer 200/150 mm or 150x140mm mechanical stage with underhand, moving range: 76x50mm, precision: 0.1mm, with damping clips. Double slide holder. Infinity plan Anti-Fungal coated Objective: Plan achromatic objective 4X/0.10, W.D 11.9mm; Plan achromatic objective 10X/0.25, W.D 12.1mm; Plan achromatic objective 40X/0.75,WD=0.72mm Plan achromatic objective 100X/1.25, W.D 0.18mm Condenser: N.A. 1.25 Koehler illuminator condenser with socket for phase contrast and dark field accessories Focus adjustment:Integrated all-metal high-pressure die-casting body, precision transmission mechanism with pinion and rack. Coarse focusing</p>	01	One month from notification of award of contract	College of Biotechnology, Meerut, Uttar Pradesh	Yes

	<p>scope: 30mm, with tightness adjustment and place limit set, fine adjustable precision: 0.002mm</p> <p>Transmitted illumination: 2.3 W or 3W LED bulbs (predetermined filament center) , intensity continuously adjustable, 100V-240V_AC50 / 60 Hz wide range voltage, Green contrast filter (Φ45mm) , Immersion oil-25ml, Allen Hex Keys- Φ2mm Vinyl Dust Cover</p> <p>Fluorescence attachment: Epi – Fluorescence attachment with Filter , 4 filter block (3 fluorescence and one dummy filter), Mercury Lamp 100W,Lamp house,HBO 100W,Collector Lens, Mercury Lamp Socket for HBO 100W,Starter Unit, HBO Lamp 100W,Lamp Centering Tool, Power Cord</p> <p>Filter for fluorescence microscopy:</p> <ol style="list-style-type: none"> 1. Exciter 510-560, DM575, BA 590 (TRITC) 2. Exciter 450-490, DM 505, BA 520(FITC) <p>Reflected Light Source: Blue, Green Exciting Light Filter System and Ordinary Light System</p> <p>High speed Digital Camera: 5 MP or more, Microscopic scientific grade for Phase contrast, bright field and fluorescence Image.</p> <p>Consisting of: C Mont Adaptor</p> <p>High resolution Digital camera High speed USB 3.0 PC connection Real Time Live Image resolution: 12 mega pixels Pixel Size: 1.85x1.85 micron Electronic shutter Exposure time: 0.1ms~2000ms White Balance: Automatic / Advanced Manual Max Resolution (Hardware):2048x1536 Working Temperature: -20°C ~ 60°C Programmable Control: Image size, exposure time, brightness, gain, Gamma Correction, color, contrast, Saturation.</p> <p>LCD display: Minimum 9” screen resolution: 1280X800.</p> <p>Image Analysis Software: Video Resolution 1280x720/30FPS, 2D Measurement, EDF(Extended Depth of Focus), Professional Segmentation & Count function Integrate the advanced 6 image</p>				
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	<p>segmentation and particle counting algorithm (Watershed (W), Dark, Bright, RGB Histogram, HSV Histogram and Color Cube). Manual segmentation function (Split objects) ensures the success of a complete segmentation. The count result can be exported to Microsoft Excel for further analysis; Image Stacking, Fluorescence probe and color can be chosen from the pre-defined database. Dye database can also be easily created for special fluorescence probe.</p> <p>Computer: Intel Core i7 3.6 GHz, 8 GB RAM, 2x4GB 1600MHz 1TB SATA 7.2k 3.5" with Intel HD 4600 DVD RW Keyboard Mouse, Windows 7 Professional 64bit Windows 8.1 OS Media, Monitor 24-inch (60.96 cm) Screen Full HD (1080p) LED-Lit Monitor with IPS Panel - P2419H (Black) with UPS(1-1.2 KW)</p>			
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** Where ISI certification marked goods are available in market, procurement should generally be limited to goods with those or equivalent marking only. A single quotation is required. Preference will be given to the firm having prior experience to supply in government institutions.*

2. Government of India has received a credit from the International Bank of Reconstruction and Development (IBRD) towards the cost of the National Agricultural Higher Education Project (NAHEP) and intends to apply part of the proceeds of this credit to eligible payments under the contract for which this invitation for quotations is issued.

3. The NAHEP Project is being implemented by Indian Council of Agricultural Research (ICAR) which is an autonomous society registered under the Societies Registration Act.

4. Bid Price

- a) The contract shall be for the full quantity as described above. Corrections, if any, shall be made by crossing out, initialing, dating and rewriting.
- b) All duties, taxes and other levies payable on the raw materials and components shall be included in the total price.
- c) Sales tax in connection with the sale shall be shown separately.
- d) The rates quoted by the bidder shall be fixed for the duration of the contract and shall not be subject to adjustment on any account.
- e) The prices shall be quoted in Indian Rupees only.

5. Each bidder shall submit only one quotation.

6. Validity of Quotation

Quotation shall remain valid for a period not less than 30 days after the deadline date specified for submission.

7. Evaluation of Quotations

The Purchaser will evaluate and compare the quotations determined to be substantially responsive i.e. which

- (a) are properly signed ; and
- (b) conform to the terms and conditions, and specifications.

The Quotations would be evaluated separately for each item.

Sales tax in connection with sale of goods shall not be taken into account in evaluation.

8. Award of contract

The Purchaser will award the contract to the bidder whose quotation has been determined to be substantially responsive and who has offered the lowest evaluated quotation price.

- 8.1 Notwithstanding the above, the Purchaser reserves the right to accept or reject any quotations and to cancel the bidding process and reject all quotations at any time prior to the award of contract.
- 8.2 The bidder whose bid is accepted will be notified of the award of contract by the Purchaser prior to expiration of the quotation validity period. The terms of the accepted offer shall be incorporated in the purchase order.
9. Payment shall be made immediately after delivery of the goods.
10. Normal commercial warranty/ guarantee shall be applicable to the supplied goods.
11. You are requested to provide your offer to undersigned **by registered/speed post or deposit in the office of Dean, College of Biotechnology by 17.00 hours on 07/12/ 2020.**
12. **The firms interested in quotation should send separate quotation in sealed envelope. Each quotation should be placed in a separate envelope. No combined application will be entertained. The name of the item "Fluorescence Microscope" should be written on envelope in bold letters.**
13. We look forward to receiving your quotations and thank you for your interest in this project.

(Amit Kumar)

Member

Procurement Committee, ICAR-IG-NAHEP, CoB, SVPUAT, MEERUT-250110 (UP)

(Jitendra Singh)

Member Secretary

(Ravindra Kumar)

Nodal Officer