

**INDIAN ASSOCIATION FOR THE CULTIVATION OF SCIENCE  
2A & 2B. Raja S.C.Mullick Road  
Jadavpur, Kolkata 700 032**

**Notice Inviting Tender No.: IACS-P/BC/PS/15-16/12 dated 24.09.2015**

**Sub: Purchase of INVERTED RESEARCH FLUORSCENCE MICROSCOPE**

Through this notice, quotations for Fluorescence Microscope are invited. The Technical Specifications are mentioned below.

**Technical Specification**

1. Microscope stand with quadruple revolving nosepiece with 6V30 watt transmitted light true Koehler illumination for bright field and phase contrast, fluorescence microscopy. Optical system must be infinity corrected for maximum S/N ratio and best optical performance from UV to near-infrared. Vertical nosepiece movement, stage should fixed, stroke range 7mm up and 2 mm down from focus position which is 1mm above the range. Stroke per rotation should be 36.8mm (coarse),0.2mm(fine).
2. System should have provision to upgrade to relief contrast application maintain the same shadow direction even if the magnification is changed.
3. Observation Tube : Trinocular observation tube with Inter pupillary distance adjustment of 48-75 mm, (F.N.20 ).Tube inclination should be 30 degree or more.

# Mechanical Stage : Mechanical Stage with flexible right hand low drive control along with glass slide holder ,well plate holder and 30mm dish holder. Stage movement should have X=120mm, Y=78mm or more.

# Condenser : Phase contrast slider.

# Objectives : Bright field Plan achromatic Phase Objectives 4x (N.A.0.25) (or better NA), Long working distance plans achromatic phase 10X (NA-0.40,WD-3.2) (or better NA) and 40x (N.A. 0.55,WD-2.2), . Preference will be given to higher NA objective.

# Eyepieces : Wide field paired eyepieces 10X (F. N. 2) Interference Green Contrast Filter, dust cover, daylight filter.

**FLUORSCENCE ATTACHMENT:**

Reflected light fluorescence illuminator with 50W mercury burner equipped with field stop, 3-position fluorescence slider (with B excitation filter set ,G excitation filter set and UV excitation filter set) and 3-position (ND, empty and shutter) ND slider, including UV shield plate ,operation knob , allen wrenches (2 pcs) and screws (3 pcs).

Continued to Page No. 2

Quotation must reach the office of the **Biological Chemistry Department, Indian Association for the Cultivation of Science, 2A & 2B Raja S. C. Mullick Road, Jadavpur, Kolkata 700032** on or before the scheduled date & time specified below.

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| <b>Notice Inviting Tender No. and Date</b>        | <b>IACS-P/BC/PS/15-16/12</b>  | <b>Dated</b> |
|   | <b>24.09.2015.</b>  |              |
| <b>Last date and time of submission of Tender</b> | 28.10.2015 at 5.00 p.m.   |              |
| <b>Date and time of Opening Tender</b>            | 29.10.2015 at 12.00 Noon.   |              |
| <b>Place of Opening Tender</b>                    | <b>IACS, Jadavpur, Kolkata 700032.</b>  |              |
| <b>Contact Person Details</b>                     | <b>Dr. Prasejit Sen, Assistant Professor, Biological Chemistry Department, Indian Association for the Cultivation of Science, 2A &amp; 2B, Raja S C Mullick Road, Jadavpur, Kolkata 700032, Phone No. + (91) (33) 2473-4971 (Extension No. 1518), e-Mail : bcps@iacs.res.in</b> |              |

**General Instructions:**

1. Incomplete & conditional quotations and quotations received after the due date will be summarily rejected without assigning any reasons thereof.
2. The outer cover of the envelop should be super scribed as "**Quotation for purchase of "INVERTED RESEARCH FLUORSCENCE MICROSCOPE"**"
3. The quotation submitted shall remain valid at least for three months from the date of opening the quotation.
4. The rate should be inclusive of all taxes, transportation etc. Nothing extra will be paid in addition to the quoted rate.
5. For any clarification regarding specifications, etc. please send your queries to "**Dr. Prosenjit Sen**" at <[bcps@iacs.res.in](mailto:bcps@iacs.res.in)> .
6. In the event of date being declared a closed holiday for purchaser's office, the due date for submission of quotation and its opening will be the following working day at the appointed time.
7. **Acceptance of Quotation:** IACS authority does not bind itself to accept the lowest quotation and reserves the right to reject any or all the quotations received without assigning any reason there of in the interest of IACS.

Continued to Page No. 3

8. Payment: 100% against delivery and successful installation subject to submission of performance guarantee.
9. Warranty: Minimum 3 years with annual maintenance contract (free of additional charge)
10. Installation/Demonstration /Application Training at site: Free of cost by the supplier.
11. User list: The supplier should provide a list of current users (with contact no, Email address etc) for the quoted item in India.
12. Service facility: Supplier should mention their details of service setup and Manpower in Kolkata who are responsible for after sales support.
13. Response time should be within 24 hours.
14. The quotation submitted shall remain valid at least for three months from the last date of submission. Validity beyond three months from the date of opening of the quotation shall be by mutual consent.

**REGISTRAR**