

**INDIAN INSTITUTE OF SCIENCE EDUCATION AND RESEARCH**

**THIRUVANANTHAPURAM [IISER-TVM]**

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CET CAMPUS, KULATHUR, ENGINEERING COLLEGE.P.O  
THIRUVANANTHAPURAM 695016,  
KERALA, INDIA.

Date: 16<sup>th</sup> October 2014

**INVITATION TO TENDER(IND)**

No: IISER/PUR/4849/14  
Due Date: 30<sup>th</sup> October 2014 (3 PM)  
Tender Opening: 31<sup>st</sup> October (11AM)

Dear Sirs,

Sub: Supply of **Upright Fluorescence Microscope with computer & UPS**


We require the following items:

Sl #:	Item/ Description	Qty
1.	<b>Upright Fluorescence Microscope with computer &amp; UPS</b> <i>Specifications as per Annexure I</i>	1 No.

Please quote your lowest rate and shortest delivery period. Your offer in sealed cover **SUPERSCRIBING TENDER NUMBER AND DUE DATE** shall reach us on or before the due date and time. Please follow strictly the "Instructions to Tenderers attached".

Thanking You,

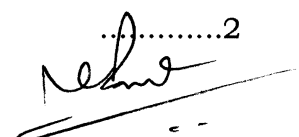
Yours Faithfully

  
K. BHASKARA RAO  
Deputy Registrar  
[Purchase & Stores]  
Indian Institute of Science Education and Research Thiruvananthapuram  
CET Campus, Engineering College P.O.  
Thiruvananthapuram-695 016

**P.S: CATALOGUE/LEAFLET FEATURING ALL TECHNICAL SPECS/INFORMATION OF THE PRODUCT QUOTED SHALL ACCOMPANY THE OFFER.**

**TECHNICAL SPECIFICATIONS FOR UPRIGHT FLUORESCENCE**  
**MICROSCOPE**

- Upright microscope stand with camera port
- Paired wide-field focusable 10X eye-pieces with Field of view (FOV) 25mm or more.
- Mechanical stage with universal specimen holder for slides. Hardcoat anodized surface and 75 x 50 mm markings (X,Y).
- High numerical aperture (NA) and high light transmission efficient objectives for Bright field and fluorescence application. Minimum 6 position objective nose piece with following objectives: 10X (**Plan Fluorite, NA 0.4 air**), 40X (**Plan Fluorite NA 0.75 air**), 60X (**Plan Apochromat, NA 1.4 oil**) and 100X (**Plan Apochromat, NA 1.4 oil**).
- 6-position fluorescence filter turret. High quality narrow Band Pass (BP) shift free Fluorescence filters for imaging of DAPI, FITC and Rhodamine should be quoted. The excitation and barrier filters should be approximately within the following ranges: **DAPI (340-390nm excitation, barrier 420nm-Infinity); FITC (467-498nm excitation, barrier 513-556nm); Rhodamine (525-550nm excitation, barrier 575-630nm)**.
- Achromatic-Aplanatic condenser with a N.A of 0.75 for Bright field.
- A high resolution CCD cooled color camera for Fluorescence and bright field imaging. Resolution should be minimum 1.4 Megapixel with minimum pixel size approx. 6.25um x 6.25um
- Image acquisition and analysis software: Image capture and multi channel image acquisition. Basic image processing such as adjustment of brightness, contrast, gamma and color, Image smoothening and sharpening.
- Transmitted Light source': 100W Halogen with motorized shutter for multi dimensional imaging.
- Reflected light source: 120W cooled metal halide with built in power supply and IR filter.
- Dust protection cover.
- A suitable high end computer system with Inter Xenon processor, 8GB RAM, 1TB hard drive and 24 inch LCD monitor.

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- For technical evaluation part numbers for all components (as per catalog) should be mentioned and company catalog should be provided.
- UPS -1 KVA with 30min backup support for the complete system including fluorescence.
- 3 years warranty
- Information on after sales service and terms of Annual Maintenance contract.
- Information on pre-installation requirements (i.e. room, environment) for system installation.
- A list of at least 3 users in India (along with contact details and purchase order) who are using a similar upright fluorescence microscope should be provided.

  
K. BHASKARA RAO  
Deputy Registrar  
[Purchase & Stores]

17/10  
Indian Institute of Science Education and Research Thiruvananthapuram  
CET Campus, Engineering College PO.  
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**IISERTVM**  
**INSTRUCTIONS TO TENDERERS [INDIGENOUS].**

1. Tenders should be sent in sealed envelopes superscribing the relevant tender no. and the due date of opening. Only one tender should be sent in each envelope.
2. Late tender and Delayed Tenders will not be considered under any circumstances.
3. Sales Tax and /or other duties/levies where legally levies and intended to be claimed should be distinctly shown separately in the tender.
4. (a). Your quotation should be valid for a minimum period of 60 days from the date of opening of the Tender. Quotation with firm prices will be preferred.  
(b). Prices are required to be quoted according to the units indicated in the Invitation to Tender. When quotations are given in terms of units other than those specified in the tender form, relationship between the two sets of units must be furnished.
5. (a) Preference will be given to those tenders offering supplies from ready stocks and on the basis of delivery at IISER site.  
(b) Preference will also be given to those who agree our payment terms of within 30 days of receipt and acceptance of the item at our site.
6. (a) All available technical literature, catalogues and other data in support of the specifications and details of the items should be furnished along with the offer.  
(b) Samples, if called for, should be submitted free of all charges by the tenderer and the IISER shall not be responsible for any loss or damage thereof due to any reason whatsoever. In the event of non-acceptance of tender, the tenderer will have to take back the samples at his own expense.  
(c) Approximate net and gross weight of the items offered shall be indicated in your offer. If dimensional details are available the same should also be indicated in your offer.  
(d) **Specifications:** Stores offered should strictly conform to our specifications. Deviations, if any should be clearly indicated by the tenderer in their quotation. The tenderer should also indicate the Make/Type number of the stores offered and provide catalogues, technical literature and samples, wherever necessary along with the quotations. Test Certificates wherever necessary should be forwarded along with supplies. Whenever specifically mentioned by us the tenderer could suggest changes to specifications with appropriate reasons for the same.
7. IISER shall be under no obligation to accept the lowest or any tender and reserves the right of acceptance of the whole or any part of the tender or portion of the quantity offered and the tenderers shall supply the same at the rates quoted.
8. Corrections, if any, in the Quotation must be attested. All amounts shall be indicated both in words as well as in figures. Where there is difference between amounts quoted in words and figures, amount quoted in words shall prevail. Quotation must have price for each line item and totaling of the price including taxes and duties should be clearly mentioned.
9. The tenderer should mention the name of his bankers, Sales Tax Registration, PAN number etc in the tender.
10. The authority of the person signing the tender, if called for, should be produced.
11. The purchaser reserve the right to accept or reject the lowest or any other offer in whole or in part without assigning any reason.
12. IISER being a Govt of India Educational and Research Institute, is exempted from payment of Excise Duty under Notification No. 10/97 and Customs Duty under Notification No. 51/96- Customs dated 23<sup>rd</sup> July 2009. Also, we can issue Form 16 as per VAT Rules.
13. The stores supplied should be covered with minimum of 1 year warranty from the date of supply, installation and commissioning.
14. There is no EMD or Tender Cost.

  
**DEPUTY REGISTRAR**  
**[PURCHASE & STORES]**

# **IISER-TVM**

## **INSTRUCTION TO TENDERERS [IMPORTS]:**

1. **PRICE:** The price quoted shall be firm. The terms of FOB/EXW/FCA/CIF/CIP etc shall be clearly mentioned.
2. **AGENT & AGENCY COMMISSION:** In case Tenderer is represented by any agent in India, their name and address shall be furnished. The amount of commission included in the price shall be clearly shown in the offer; which will be paid directly to the Indian Agents by purchaser in equivalent Indian Rupees. In case Indian agents existing and their agency commission is not shown in the Tender, reasons for the same shall be clearly mentioned in Tender. Details of Indian agent's statutory registration shall be stated. If Agency Commission is paid by Principals in foreign currency, the reasons for the same and exemption from Enforcement Directorate in India shall also be provided.
3. **LEAFLET/CATALOGUE:** Tenderer should furnish all necessary leaflet/catalogue etc., of the stores offered by him to enable the Purchaser to evaluate his offer correctly.
4. **MODE OF DESPATCH:** Tenderer shall indicate the mode of dispatch (*i.e.*, Sea/Air-freight/Parcel Post, etc.) depending upon the normal mode of dispatch adopted by him for the type of stores offered for consideration of the Purchaser.
5. **COUNTRY OF ORIGIN:** Tenderer shall indicate in his offer the country of origin of goods offered and the name and address of the manufacture.
6. **INSURANCE:** If insurance of the goods is felt necessary, the same shall be advised by the Tenderer in the offer.
7. **DELIVERY/SHIPMENT:** The time for and date of delivery quoted shall be reasonable/realistic and shall strictly be adhered to in case of placing order on the Tenderer.
8. **MODE AND TERMS OF PAYMENT:** Payment in full (excluding the amount of Agency Commission included in the price payable directly by the Purchaser to the Indian Agents in Indian Rupees) will be made immediately on presentation of the prescribed documents against SIGHT DRAFT or LETTER OF CREDIT or WIRE TRANSFER against shipping documents. **OURS BEING A GOVT OF INDIA EDUCATIONAL INSTITUTE WE ARE UNABLE TO MAKE ANY ADVANCE PAYMENT**
9. **WARRANTY:** Period of warranty and conditions shall be clearly mentioned in the Tender.
10. **GENERAL:** The Tenderer shall also be complied with the following:
  - a. Mention your Banker's name and address.
  - b. Show approximate net and gross weight and dimensions of packages/cases.
  - c. Furnish list of recommended spares for satisfactory operation for a minimum period of one year if the quote is for Plant & Machinery, Equipments etc.
  - d. Details of any technical service, if required for erection assembly, commissioning and demonstration.
  - e. Conform that the prices quoted are inclusive of all taxes, levies, duties arising in the tenderer's country.
  - f. The offer is valid for a minimum period of 90 days from the due date of opening of the tender.
  - g. Samples, if called for, will be sent free of all charges.
  - h. Late tenders and Delayed will not be considered.
  - i. Offers made by Indian Agents on behalf of their Principals, should be supported by the Proforma Invoice of their Principals.
  - j. The authority of person signing the tender, if called for, shall be produced.
  - k. The purchaser reserves the right to accept or reject the lowest or any other offer in whole or in part without assessing any reason.



**DEPUTY REGISTRAR  
[PURCHASE & STORES]**