Indian Institute of Science Education and Research Pune
Dr. Homi Bhabha Raod, Pune : 411 008 (Maharashtra)
www.iiserpune.ac.in

Advt.No.: IISER/S&P/01/15-16 Dt. 8/05/2015

EXPRESSION OF INTEREST FOR COLLABORATIVE MICROSCOPY IMAGING CENTER AT IISER, PUNE

A Pre-Indent conference is proposed to be held on June 04th, 2015 at IISER Pune with the prospective manufactures, their authorized channel partners or agents/suppliers and system integrators to discuss with the Technical Committee on the aspects of utility, technology, feature, literature, design, technical parameters, clientele and other related issues of the microscopy based equipment for a collaborative imaging center to promote latest imaging technology in the country and training human resources in advanced methods of microscopy and image analysis.

For further details please visit our website http://www.iiserpune.ac.in .

Director

Indian Institute of Science Education and Research Pune
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IISER/PUR/0058/15 08th May 2015

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The brief for the Microscopy Imaging Center is given below:

1. Upright Epifluorescence microscope system for fixed imaging of samples and live imaging of optically thin samples
2. Confocal spectral laser scanning and real time high sensitive detection with an inverted microscope system for imaging fixed samples, live samples and *in vivo* protein dynamics using photobleaching, photoactivation and FRET.
3. Multiphoton scanning, high sensitive and speed detection on an upright microscope system for deep tissue imaging of fluorescently tagged proteins and Calcium imaging
4. High speed imaging for biological processes *in vivo* with millisecond time (approximately 10-100 ms) scale
5. High resolution imaging for imaging molecular organization at a nanometer (less than 100 nm) scale.

The collaborative center will hold training for the use of the instruments, advanced methods of microscopy and image analysis in the form of workshops, at least, 2 times a year.

The company will support the systems and station an expert for the purpose of training for the use of the equipment over the period of 3 years.

The suggested specifications for the systems based on the desired applications should be discussed at the presentation of the expression of interest. The list of equipment and the suggested mode of partnership should be presented. The pre-indent conference would lead to a Global Tender with specific commercial terms and conditions.

Date & Time of Pre-Indent Conference/Meeting: June 04th , 2015 Time 11.00 AM

Place: IISER, Pune, Main Building, Board Room, Pune – 411008, India

Note: This notice is issued to those firms who are dealing with the above mentioned equipment for "Expression of their Interest" to participate in preparation of specification and thereafter in bidding process.

Sd/-

Assistant Registrar (S&P)