

**INDIAN INSTITUTE OF SCIENCE EDUCATION AND RESEARCH**  
**THIRUVANANTHAPURAM [IISER-TVM]**

PH.-0471 2597454,  
FAX: 0471-2597427  
EMAIL: [purchasestores@iisertvm.ac.in](mailto:purchasestores@iisertvm.ac.in)

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

Advt. No. IISER/P&S/EOI/08/13

3<sup>rd</sup> December 2013

**NOTICE INVITING EXPRESSION OF INTEREST (EOI)**

Separate Expression of Interest (EOI) is invited for following equipments required in Biology Research Labs.

**1. Surface Plasmon Resonance [SPR] based biosensor for studying Biomolecular Interactions:**

A flexible and automated system that provides high quality and real time kinetic data for biomolecular interactions and recovers interacting partners for further analyses is needed. The system should be capable of evaluating interactions of

(1) Proteins with

- a) small molecules
- b) proteins
- c) DNA/RNA
- d) Lipid monolayers & bilayers and
- e) Virus & Cell

(2) Lipid mono layer with small molecules and

(3) Lipid bilayer with small molecules with high sensitivity and superior performance. The system should come with all associated accessories and user-friendly software (s) for operation and comprehensive analyses of the data. Ability to provide a trained application specialist and service engineer onsite should be specified.

**2. Integrated Dynamic and Multi Angle Static Light Scatter [DLS and MALS]:**

A system for determining the size distribution, molecular mass and structures of biological macromolecules, including proteins is in need. The system should come with all associated accessories and user-friendly software(s) for operation and comprehensive analyses of the data.

**TERMS & CONDITIONS:**

1. **Separate EOI shall be sent for each item.**
2. **EOI shall contain profile of the company, details of the product and other necessary inputs.**
3. **List of Institutions in India (with contact name and telephone of the end users) where similar equipments are supplied by those who respond to this EOI.**
4. **EOI shall be sent to the OIC (Purchase & Stores), IISERTVM at the above address in sealed cover/packets superscribing Adv.No. IISER/P&S/EOI/08/13, Sl.No. and name of the Equipment and the due date (31<sup>st</sup> December 2013 - 3PM).**
5. **Shortlisted sources may be invited for a presentation/discussion at a later date.**

**REGISTRAR**  
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