

**Department of Nanoscience and Nanotechnology, University of Kerala,
Kariavattom, Thiruvananthapuram-695581**

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TENDER –No. Pl.A1/ KU/DNST/ ET-02 /2016-17

Dated: 31.01.2017

E-Tender Notice

The Department of Nanoscience and Nanotechnology, University of Kerala is having a photocurrent measurement set-up consisting of Newport-Oriel make 1000 W Xenon arc lamp and ¼ meter grating monochrometer (manual).

Tenders are invited through e-Procurement (two cover system) from reputed manufacturers/authorized distributors/ Indian Agents with sound Technical and Financial capabilities for computerization of the photocurrent measurement set- up for measurement of **Photocurrent Spectrum and Quantum efficiency** for research purpose in the Department of Nanoscience and Nanotechnology, University of Kerala.

Last date and time for submission of tender online	15.02.2017 AT 5.30 P.M
Last date and time for submission of tender offline	15.02.2017 AT 5.30 P.M
Date and time of opening of tender	20.02.2017 AT 3.00 P.M
Hard copies of sealed tenders to be submitted to the office of	The Registrar, University of Kerala, Senate House campus, Palayam Trivandrum- 695 034, Kerala.
For technical details contact	Head-in-charge, Department of Nanoscience and Nanotechnology, University of Kerala, Kariavattom campus, Kariavattom P. O., Trivandrum- 695581, Kerala. Phone: 9447421844, 0471-2308863 Email:nanostech.ku@gmail.com

For further details logon to www.etenders.kerala.gov.in

**TECHNICAL SPECIFICATIONS OF THE ITEMS REQUIRED FOR THE
COMPUTERIZATION OF THE PHOTOCURRENT SET-UP**

Sl. No	Name of item	Description
1	1/8 m motorized monochromator	1/8 m, motorized monochromator, Newport-Oriel or equivalents make. Wavelength Range : 300 – 2200 nm
2	Optical Power/Energy Meter	Optical Power/Energy Meter for measuring optical power.
3	UV Detector	UV Detector. Wavelength Range : 200 – 1100 nm
4	Light Bias Amplifier	Light Bias Amplifier for quantum efficiency measurement.
5	Software	Software for data acquisition.
6	Optical Mounting Post	Optical Mounting Post for mounting optical components.
7	Platform Assembly	Complete Platform Assembly.
8	Cables and other essential items	Cables and other essential items for arranging the experimental set-up.

GENERAL INSTRUCTIONS

1. The Bidder should be a manufacturer or their dealer specifically authorised by the manufacturer to quote on their behalf for this tender as per Manufacturer Authorisation Form and Indian agents of foreign principals, if any, who must have designed, manufactured, tested and supplied the equipment(s) similar to the type specified in the “Technical Specification”. Such equipments must be of the most

recent series/models incorporating the latest improvements in design. The models should be in successful operation for at least one year as on date of Bid Opening.

2. Incomplete & conditional tenders and tenders received after the due date will be summarily rejected without assigning any reasons thereof.
3. The price should be inclusive of all taxes, duties, transportation, installation etc. Nothing extra will be paid in addition to the quoted rate.
4. Payment Terms: 90% payment shall be made through irrevocable L/C on presentation of complete and clear shipping documents and balance 10% of the amount shall be released after the receipt, installation, commissioning and acceptance of the equipment.
5. Validity of tender: Tender submitted shall remain valid at least for 90 days from the date of opening the tender. Validity beyond three months from the date of opening of the tender shall be by mutual consent.
6. **Every tenderer should submit an Earnest Money Deposit (EMD) of Rs. 25,000/- or equivalent Bank Guarantee valid upto the installation of the equipment.**
7. **Every tenderer should submit Tender fee of Rs. 1000/-**
8. Delivery and installation: Proposed delivery schedule should be mentioned clearly. Delivery and installation should be made at the Department of Nanoscience and Nanotechnology, University of Kerala, Kariavattom campus, Trivandrum- 695581, without any extra cost.
9. Service facility: Supplier should mention their details of service setup and manpower in Trivandrum who are responsible for after sales support.
10. Charges for annual maintenance contract after expiry of warranty period to be quoted separately .
11. The model number, make, and a printed literature of the product shall submit positively.
12. The vendor should provide a compliance certificate showing the items quoted with tender specifications.
13. Vendors should provide a list of institutes showing installations of such instruments in India with contact numbers.
14. In case of any dispute, the decision of the University authority shall be final and binding on the bidders.

15. The undersigned reserves the right to reject any or all of the tenders received without assigning any reason thereof.

**The Registrar,
University of Kerala,
Senate House campus, Palayam Trivandrum- 695 034, Kerala.**