

University of Kerala
Senate Hall Campus, Palayam, Trivandrum 695 034

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**TENDER – No. Pl.D/UOK/LN2/Ret dated 16/03/16
E-Tender Notice (Retender)**

The University of Kerala invites open tenders through e-Procurement from reputed manufacturers/authorized distributors/ Indian Agents with sound Technical and Financial capabilities for **Supply, Installation and Commissioning of Liquid Nitrogen Plant in the Kariavattom Campus of the University.**

Last date and time for submission of tender online	26th March 2016, 11.00 Hrs.
Last date and time for submission of tender offline	26th March 2016, 11.00 Hrs.
Date and time of opening of tender	29th March 2016, 16.00 Hrs.
Hard copies of the sealed tenders to be submitted to the office of	The Registrar, University of Kerala, Senate House campus, Palayam Trivandrum- 695 034, Kerala Tel: +91-471-2305631, 2386202 (O), e-mail:regrku@gmail.com
For technical details contact	LN2 Technical committee member, Department of Biotechnology, University of Kerala, Kariavattom campus, Kariavattom P.O., Trivandrum - 695581, Kerala. Phone: 9447059164, Email: jekksnair@gmail.com

Every Tenderer should submit an Earnest money Deposit (EMD) of Rs 50,000/-

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

Specifications for Liquid Nitrogen Plant

Following are the technical specifications for the plant proposed

Production Capacity: 10 .0 lit/hr. at 0 barg (240 lit/day)

Purity: 99 % at 0 barg ,

Power Consumption including Closed Loop Water Chiller and all accessories
13 kW

Power Supply requirement: 3-phase, 415 V \pm 5%, 50 Hz \pm 2%.

Should compact and should be placed in a dedicated room of 3.5m x 3.5m x 3.0m (1 x w x h)

Noise Level 72 dBA

Storage Vessel 200 litres with Level Indicator and Control

Single Switch operation, fully Automatic, without the need of a dedicated operator,

No Defrosting, No draining, No purging, Automatic Restart after any duration of power failure, start up to Full production without delay 10-15 min.), Closed Loop Water Chiller. With all accessories and tool Kit.

Five year Warranty etc.

Free installation and training and warranty for a period of 3 years with full Technical support and services including preventive maintenance

And Five year AMC after installation.

General Conditions

- 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.
- Incomplete & conditional tenders and tenders received after the due date will be summarily rejected without assigning any reasons thereof.

- The price should be inclusive of all taxes, duties, transportation, installation etc. Nothing extra will be paid in addition to the quoted rate.
- **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.
- **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.
- **Delivery and installation:** Proposed delivery schedule should be mentioned clearly. Delivery and installation should be made at University of Kerala, Kariavattom campus, Trivandrum- 695581, without any extra cost.
- **Service facility:** Supplier should mention their details of service setup and manpower in Trivandrum who are responsible for after sales support.
- The model number, make, and a printed literature of the product shall submit positively.
- In case of any dispute, the decision of the University authority shall be final and binding on the bidders.
- 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.**