



Mahatma Gandhi University, Kerala

Tender No: 17670/IIRBS-LN/2019

Dated: 29 /11/2019

NOTICE INVITING TENDER

(Tender No: 17670/IIRBS-LN/2019)

The Registrar, Mahatma Gandhi University, Kottayam invites online bid (technical and financial bid) for **Five year Rate Contract for the Supply of Liquid Nitrogen and Nitrogen Gas for filling NMR instrument installed at Institute for Integrated programmes & Research in Basic Sciences (IIRBS)**, the inter school centre of the University from reputed firms. The period of the tender is 180 days from the date of tender.

1	Tender Title	Supply of Liquid nitrogen and Nitrogen Gas for filling NMR instrument at IIRBS
2	Earnest money deposit (EMD)	Rs.13200/-
3	Tender submission fee	Rs.2000 + GST (Rule as per SPM : Above 10.00 lakh :-0.15% of the cost of tender rounded to the nearest multiple of 100, subject to a maximum of 25000/- + GST as applicable)
4	Period of supply after date of order	Within 3 days
5	Mode of submission of Bid	Online
6	Tender Documents	Can be downloaded from the website www.etenders.kerala.gov.in
7	Last date and Time of submission of tender by online	09.12.2019. 4 pm
8	Date and time of opening of technical bid	11.12.2019 11 am

General tender documents and tender schedule can be downloaded in A4 plain size paper free of cost from the website www.etenders.kerala.gov.in. Documents to be submitted along with bid through online.

Sl.No	Through online
1	Scanned copy of valid registration certificate/dealership certificate
2	Scanned copy of duly filled e-payment form
3	Scanned copy of other certificates required, if any, for tender acceptance
4	Scanned Copy of duly filled preliminary Agreement in stamp paper of Rs.200/-
5	BOQ

TERMS & CONDITIONS OF THE CONTRACT

1. **The Basic rate quoted in the BOQ should be inclusive of all taxes, freight, loading & unloading / installation charges.**
2. The Rate quoted PER LITRE of Liquid Nitrogen and per cylinder of Nitrogen Gas in the BOQ shall remain in force for the full period of contract for 5 years. No changes / escalations / price revision (on higher side) shall be allowed during the currency of the contract.
3. The Bidder can visit and examine the site and its surroundings at his own cost and responsibility, for obtaining all information that may be necessary for preparing the Bid and entering into a Contract for the required supply.
4. The Bidder should enclose a signed copy of the terms and conditions stipulated for award of the contract conveying acceptance of the same.
5. Supply history of the item with the above mentioned specifications should be furnished
6. The Contract shall be operative immediately after award of the contract. The Registrar, M G University shall, however, have the right to terminate the contract at anytime if the service of the firm is found unsatisfactory. In this respect the decision of the tender inviting authority will be final and binding on the contractor.
7. The successful bidder would be required to deposit a Performance Security within 5 days from the date of awarding the contract.
8. The supplier should supply Liquid Nitrogen as well as Nitrogen Gas to the indenter within 3 days from the date of order.
9. The Delivery Schedule, Payment Terms & Warranty/Guarantee etc must be clearly indicated in the technical bid.
10. If the supplier fails to supply Liquid Nitrogen and Nitrogen gas within the stipulated time, then the indenter can purchase both of them from the market at suppliers risk and cost which shall be recoverable from his pending bills or performance security besides resulting in cancellation of the contract. In case of any deficiency in service a penalty of 5% of the total amount of the bill for the relevant period will be imposed.
11. The selected bidder will raise the bills on three months period basis.
12. The bids shall be opened at the date and time specified. Further details can be had from the office of **The Director, IIRBS, Mahatma Gandhi University, Kottayam, Kerala-686560** on all working days during working hours. **Contact : Dr Sunilkumar P N (Mob- 9747496975) 0481-2732992**
E mail Id: iirbsoffice@gmail.com i.ibnusaud@gmail.com drpnsunil@gmail.com The bidders are advised to submit their bid well in advance to avoid any kind of network issues.

The undersigned reserves the right to reject any or all the tender without assigning any reason whatsoever.

Registrar

Detailed specification

<p>A Bruker Avance III 400 MHz NMR spectrometer is installed in the NMR Facility of Mahatma Gandhi University. The superconducting coil of the NMR magnet is immersed in liquid helium, to attain superconductivity. In order to minimize the evaporation of liquid helium and maintain the required level (> 40%), we have to fill an outer compartment of the magnet with liquid nitrogen. Filling of liquid nitrogen has to be done every week for keeping the minimum required level (>50%), which requires 50L of liquid nitrogen. For filling the liquid nitrogen in the spectrometer, we have to apply nitrogen gas pressure from an external nitrogen gas cylinder. We require 1 cylinder of nitrogen gas (46.7 L) for one month period.(4 times filling of nitrogen liquid)</p>
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1. Supply of Liquid Nitrogen for filling NMR instrument as and when it is required (approximately 50 litres per week)
2. Supply of Nitrogen Gas for filling Liquid nitrogen in the NMR instrument as and when it is required (approximately 1 cylinder per month)
3. Door delivery.
4. Purity -Liquid Nitrogen :100% Nitrogen Gas > 97%
5. Quote the price per litre of Liquid Nitrogen and per cylinder of Nitrogen Gas inclusive of all taxes and other charges. The rate quoted in the BOQ should be applicable for supply of Liquid Nitrogen and Nitrogen Gas for the next 5 years.
6. It is mandatory that the bidder should monitor to keep the minimum required level (>50%), which requires 50L of Liquid Nitrogen per week.