



जैव चिकित्सा अनुसंधान केन्द्र CENTRE OF BIOMEDICAL RESEARCH

उत्तर प्रदेश सरकार का स्वायत्तशासी सेन्टर
An Autonomous Centre of Government of Uttar Pradesh

Sub. : Expression of Interest (EOI) for Procurement of "Solution State NMR Spectrometer 500 MHz"

Ref. No. : CBMR/ PUR/ 1278/ 2026

Dated: 17.06.2026

Centre of Biomedical Research (CBMR), Lucknow, an autonomous research institute under the Department of Medical Education, Government of Uttar Pradesh, invites Expression of Interest (EOI) from reputed Original Equipment Manufacturers (OEMs) and their authorized representatives/suppliers for the supply, installation, commissioning, training, warranty support, and comprehensive maintenance of a state-of-the-art 500 MHz Nuclear Magnetic Resonance (NMR) Solution State Spectrometer.

The proposed system's specifications are outlined below.

Broad Technical Requirements

1. Superconducting 500 MHz NMR magnet suitable for high-resolution liquid-state NMR applications.
2. Minimum two-channel digital NMR console.
3. Broadband multinuclear capability with automated tuning and matching.
4. High-performance multinuclear probe.
5. Variable temperature operation from -100°C to +120°C, with temperature accuracy of $\pm 0.5^\circ\text{C}$ or better, and temperature stability: $\pm 0.1^\circ\text{C}$ or better.
6. Variable Temperature Accessory like Dewar and Dewar heater.
7. Automated sample changer for 24 samples.
8. Advanced data acquisition and processing software with multi-user capability.
9. Workstation in English and associated accessories.
10. Cryogen transfer accessories and installation support.
11. On-site installation, commissioning, application training, and warranty support.
12. Provision for future upgrades and expansion.
13. There should not be a breakdown for more than 96 hours, the warranty period will increase.

Scope of Supply

The vendor should provide:

1. Complete system supply and installation.
2. Site planning assistance.
3. Performance qualification and acceptance testing.
4. User training and application support.
5. Comprehensive warranty of 5 years from the date of acceptance.
6. Details of post-warranty AMC/CMC support.
7. Information regarding installed user base and service infrastructure in India.



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General information / conditions / instruction to prospective bidders:

The scope of work includes the Supply & Installation of Solution State NMR Spectrometer 500 MHz. Firms having done similar work can apply along with documentary evidence for work done in the past in government / private sector. The firm should also meet other criteria given below and is required to submit all supporting documents relating to the credentials / technical capabilities / financial standings and track along with their EoI as follows.

- a) Name of the firm with their constitution/proprietorship/partnership details etc. with the date of establishment/registration. Please submit the Articles of Association with the application.
- b) Technical Brochure/Catalogue.
- c) List of similar equipment supplied successfully in the last 5 years in Government research labs, other Government organizations and to Private Agencies along with brief details of the work.
Service and support infrastructure (Enclose relevant document / certificate to ascertain the satisfactory completion of the work / service provided).
- d) Indicative technical specifications.
- e) Approximate budgetary quotation.
- f) Details of warranty and AMC/CMC support.
- g) List of employees in the firm, who will take up the requisite job/service listed above, their area of expertise and nature of their work in last five years.
- h) The list of work in hand, nature of work, cost, date of start and completion with present progress and the contact details of the clients.
- i) Proof of Turnover certified by a Chartered Accountant.

Applications in response to this EOI should be submitted in a sealed envelope, superscribed "Expression of Interest (EOI) for Supply & Installation of Solution State NMR Spectrometer 500 MHz" addressed to the Director, Centre of Biomedical Research (CBMR), SGPGIMS Campus, Raebareli Road, Lucknow- 226014 (UP) positively by 03.07.2026 by 3.00 p.m. The offer shall be opened on the same day at 3.30 p.m. There is no need to quote the price at this stage.

“A Technical Committee, constituted by the competent authority shall evaluate the applications and short list the firms for further proceedings. Short listed firms shall be invited for the technical presentation / discussion scheduled on a suitable date, which would be communicated to concerned firms”.



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This EOI is being issued solely for market assessment, technical evaluation, and identification of potential suppliers. Issuance of this EOI does not constitute a tender, Request for Proposal (RFP), or commitment on the part of CBMR to procure any equipment. If any information furnished in the application is found incorrect at a later stage, the firm shall be liable to be debarred from participation/taking up work in CBMR.

CBMR reserves the right to modify the specifications, invite further technical discussions, verify the particulars furnished by the applicant independently or initiate procurement through an appropriate competitive process as per applicable Government procurement guidelines. CBMR reserves the right to reject any application without assigning any reason.

ADMINISTRATIVE OFFICER