



जवाहरलाल नेहरू उन्नत वैज्ञानिक अनुसंधान केंद्र

जक्कूर, बेंगलुरु - 560064 कर्नाटक, भारत

विज्ञान एवं प्रौद्योगिकी विभाग, भारत सरकार के अधीन एक स्वायत्त संस्थान
सम विश्वविद्यालय संस्था

Jawaharlal Nehru Centre For Advanced Scientific Research

Jakkur, Bengaluru - 560064 Karnataka, INDIA

An autonomous institution under Department of Science and Technology, Govt. of India.
An Institution Deemed-to-be-University



JNC/PUR/ICMR/JH/4848/PI1-296/25-26/22/E

October 3rd, 2025

NOTICE INVITING TENDER

Jawaharlal Nehru Centre for Advanced Scientific Research, Jakkur invites sealed tenders in two bids (Technical & Commercial) from qualified and experienced Vendors for Bench Top Freeze Dryer as per the terms and conditions below and as broad specifications shown in ANNEXURE-I

TERMS & CONDITIONS:

1. Any item not specifically mentioned in the technical specification but essential for successful implementation of the system (in the opinion of the bidder) must be brought to our notice and quoted accordingly.
2. At the time of installation, if it is found that some additional items are required to meet the operational requirement of the configuration, but not included in the bidder's original list of deliverables, the bidder shall supply such items to ensure completeness of the configuration at no extra cost. Make and Model should be specified with complete brochures to verify the specifications.
3. Delivery period should be 4 weeks from the date of Purchase Order. Once delivered to onsite, the installation, commissioning and acceptance period will be within two weeks from the date of delivery of equipment.
4. The successful bidder immediately after the award of the Purchase Order shall prepare a detailed plan of installation as proposed to be followed by placement of the equipment, etc.
5. System Installation and integration of all supplied equipment and software shall be done by the successful bidder. Subcontracting in any form is not allowed.
6. Bidders should clearly specify after sales/service/application support/AMC capabilities. Bid validity should be 60 days.
7. Warranty and support: All supplied Equipment with Accessories – 5 years.
8. Provide all information as regards pre-installation requirements (i.e. room, environment) for system installation.
9. Bidders should be submitted EMD for Rs. 50,000/- only in the form of DD/ Bank Guarantee respectively. EMD exemption will be allowed to vendors having valid MSME Certificate as per rules.



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10. Performance Security: The successful bidder has to provide 3% Performance Security in the form of Bank Guarantee within 15 days after receiving Purchase Order.
11. Performance Bank Guarantee: Successful bidder has to submit 3% PBG valid for five years.
12. Payment terms: 100% payment within 30 days from the date of supply / acceptance and submission of Performance Bank Guarantee for 3% of Purchase Order value valid for five years from the date of installation/commissioning.
13. EMD will be returned on receipt of Performance Security.
14. Late & delayed quotations will not be considered.
15. As time is the essence of the contract, delivery period mentioned in the Purchase Order should be strictly adhered to. Otherwise the successful bidder will forfeit Security Deposit. If the supplier fails to supply, install and commission the system as per specifications mentioned in the Purchase Order within the due date, the supplier is liable to pay liquidated damage of 0.5% of Purchase Order value per every week of delay subject to a maximum of ten percent beyond the due date. Such money will be deducted from any amount due or which may become due to the supplier. JNCASR reserves the right to cancel the Purchase Order in case the delay is more than ten weeks. Penalties, if any, will be deducted from the Security Deposit. The maximum amount of penalty shall be ten percent. Liquidated damages shall be levied on the Purchase Order value, freight, insurance and duties.
16. The place of Applicable Law / Jurisdiction is Bengaluru, Karnataka, India.
17. Decision of the President, JNCASR will be final.
18. **Shipping Terms:** Price quoted should be for Bangalore basis/ Delivery at Stores, JNCASR.
19. **Formats for price-bid:** Corresponding to each part in the technical bid there should be a pricing referring to the Part name in the technical bid and mentioning quantity, unit price and total price. If there are any other charges, they should be also added at the end. All pages have to be serially numbered. References if any to technical bid should be provided along with the exact location (page number, etc). You are required to use the price bid format given by us only for commercial tender.
20. **Warranty Replacements:** Any replacement of defective items during Warranty period is the responsibility of the successful bidder. The expenditure involved like freight charges, customs duty, insurance charges, clearance charges etc. are to be borne by the successful bidder.

के. भास्करा राव / K. BHASKARA RAO
वरीष्ठ भंडार एवं क्रय अधिकारी / SR. STORES & PURCHASE OFFICER
जवाहरलाल नेहरू उन्नत वैज्ञानिक अनुसंधान केंद्र
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560 064 JAKKUR, BANGALORE- 560 064.



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20. **Submission of Proposal:** The proposal should be submitted in a sealed two bid system. One containing sealed technical bid and the other one a sealed price bid. The bidder name, the nature of the envelope (either technical bid or price bid) must be clearly mentioned on top of each of the envelope. The sealed proposals must be addressed to Senior Stores & Purchase Officer, JNCASR. The proposals should be submitted at the Stores & Purchase Department, JNCASR.

21. **Evaluation of bids:** Technical bids will be evaluated by JNCASR. Price bids of technically qualified bidders only will be opened on date and time that will be decided by the JNCASR.

22. Public Procurement (preference to "Make in India") order 2017 will be considered as per order No. P-45021/2/2017-PP (BE-II), dated 28.05.2018.

IMPORTANT DATES	
Last date for submission of bids (Two-bid system)	October 17, 2025 to 3.00 PM
(a) <u>Technical Cover :</u> Technical Specs. Commercial Terms and Conditions, Brochures, Compliance statement EMD & Bill of quantities without Price Information.	
(b) <u>Price bid cover:</u> With complete specs & item wise Rates to be indicated.	
Opening of technical bids :	October 17, 2025 at 4.00 PM
Opening of commercial bids :	Will be informed later
EMD	Rs. 50,000/- (Fifty Five Thousand Only) drawn in favour of, The President, Jawaharlal Nehru Centre for advanced Scientific Research, inform of DD or Bank Guarantee.

(K. Bhaskara Rao)

Senior Stores & Purchase Officer

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ANNEXURE – I

Technical Specifications for Bench top Freeze Dryer

Instrument type	Bench top
Collector type	Upright collector
Collector capacity	>4 litres
Collector temperature	-85°C
Collector material	Collector should be made of metal and should be anti-corrosive
Solvent compatibility	Water, Acid, Organic solvents
Function control	Full color touch screen with the following function controls <ol style="list-style-type: none"> 1. Vacuum set point, alerts, diagnostic tests, user manual, defrost control, and optional drying accessory parameters 2. Data logging stores and displays data in table or chart format, and may be exported via USB or Ethernet 3. Programmable alert settings with Maintenance alert settings include vacuum pump oil change, refrigeration cleaning, total operating hours
Drying chamber	Must have transparent drying chamber with at least 8 external valves.
Drying tray	Removable drying tray. It must contain at least 3 sleeves, with adjustable height.
External container	8 containers (100mL, 300 mL and 500 mL)
Adapter and holder for external container	8 Suitable adapter and sample holders to hold the external containers
Vacuum pump	<ol style="list-style-type: none"> 1. Vacuum pump should be chemical (Acid & solvent) resistant 2. Displacement capacity will be >90 Liters per minute 3. Max vacuum capacity should be <0.005 mbar
Additional product for vacuum pump	<ol style="list-style-type: none"> 1. Vacuum hose, clamp, seals must be provided with the vacuum pump 2. 5 liters of vacuum oil and 1 box vacuum grease must be provided with it



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Electrical configuration	220-240-volt, 50 Hz
Stabilizer for Operation	Suitable stabilizer for proper system operation should be included
Warranty	<ol style="list-style-type: none"> 1. 5 years onsite warranty and 4 years AMC on the whole equipment 2. In case of any problem in the instrument the company should be able to provide the certified engineers with in 24 hours.
Additional requirements	<ol style="list-style-type: none"> 1. The instrument should be from a reputed company which is more than 10 years old 2. More than 15 units should have been sold in India 3. The instrument must be cited in literature 4. The company should have a registered office and an engineer station in Bengaluru 5. The downtime for the instrument should be 24 hours or less

(K. Bhaskara Rao)

Senior Stores & Purchase Officer

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