



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/HPCL/SCP/4852/P-33/25-26/25/E

11 November 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 "Electrochemical Workstation" 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: The Items should be delivered within 4 weeks from the date of Purchase Order. Loading, unloading at the time of delivery of the items and any other incidental charges till the completion of installation and commissioning are under supplier scope. 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 90 days.
7. Warranty and support: All supplied Equipment with Accessories – 2 years.
8. Provide all information as regards pre-installation requirements (i.e. room, environment) for system installation.

के. भास्कर राव / K. BHASKAR RAO
वरिष्ठ भंडार एवं क्रय अधिकारी / SR. STORES & PURCHASE OFFICER
जवाहरलाल नेहरू उन्नत वैज्ञानिक अनुसंधान केंद्र
JAWAHARLAL NEHRU CENTRE FOR ADVANCED SCIENTIFIC RESEARCH



JNCASR

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9. Bidders should be submitted EMD for Rs. 60,000/- only in the form of DD/ Bank Guarantee respectively. EMD exemption will be allowed to vendors having valid MSME Certificate as per rules.
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 warranty period.
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. Of 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.

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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.

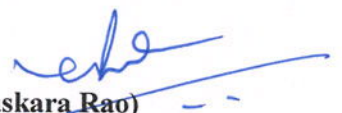
20. **Warranty Replacements:** Any replacement of defective items during Warranty period is the responsibility of the successful bidder. The expenditure involved like freight charges, customs duty, insurance charges, clearance charges etc. are to be borne by the successful bidder.

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)	
(a) Technical Cover : Technical Specs. Commercial Terms and Conditions, Brochures, Compliance statement EMD & Bill of quantities without Price Information.	November 24, 2025 to 3.00 PM
(b) Price bid cover: With complete specs & item wise Rates to be indicated.	
Opening of technical bids :	November 24, 2025 at 4.00 PM
Opening of commercial bids :	Will be informed later
EMD	Rs. 60,000/- (Sixty 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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वरिष्ठ भंडार एवं क्रय अधिकारी / SR. STORES & PURCHASE OFFICER



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ANNEXURE-I

Technical Specifications for Electrochemical workstation

Multi-channel electrochemical workstation specifications Including – including cell cable
No.of. channels Quoted: 02 Channels and facilities to add 08 more channels.

Channel 1 specifications:

Applied Potential: ± 15 V.

Compliance Voltage: ± 20 V.

Maximum current ± 5 A

Current ranges: ± 50 μ A to ± 5 A

Current accuracy: $<0.1\%$

Potential accuracy: $<0.1\%$

Electrode connection: 2,3,4

Frequency range: 10 μ Hz - 5 MHz

Freq. Resolution: 5 ppm

AC Amplitude range: 6 μ V to 7.5 V

Potential static Dynamic EIS

Galvanostatic Dynamic EIS

Potentiostatic Fixed Frequency EIS

(Capacitance): Mott-Schottky

Comprehensive data analysis package for Fit & Simulation

System should deliver: ± 15 V at 5 A for Electrolyzer and Fuel cell applications.

Channel 2 Specifications:

Applied Voltage: ± 15 V

Compliance Voltage: ± 20 V

Maximum current ± 1000 mA

Current ranges: ± 10 nA to ± 1000 mA

Potential accuracy: $<0.1\%$

Current accuracy: $<0.1\%$

Comprehensive data analysis package for Fit & Simulation

Software Included:

Battery/Super capacitor testing software

Corrosion software

Voltammetry software

Pulse Software

Photovoltaic & Fuel cell software

Impedance Spectroscopy software

Equivalent circuit fitting software

Warranty: 02 years from the date of Installation.

(K. Bhaskara Rao)

Senior Stores & Purchase Officer

क. भास्कर राव / K.BHASKARA RAO

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