



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/CPMU/MD/PI2-93/25-26/14/E

June 26, 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 **INVERTED MODULAR MICROSCOPE** 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 10 to 12 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 – 1 year.
8. Provide all information as regards pre-installation requirements (i.e. room, environment) for system installation.
9. Detailed list of users of the system in India with contact details to be furnished.
10. Bidders should be submitted EMD for Rs. 30,000/- only in the form of DD/ Bank Guarantee respectively. EMD exemption will be allowed to vendors having valid MSME Certificate as per rules.



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



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 installation and commissioning and submission of Performance Bank Guarantee for 3% of Purchase Order value valid for five years from the date of installation/commissioning.
13. Late & delayed quotations will not be considered.
14. 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.
15. The place of Applicable Law / Jurisdiction is Bengaluru, Karnataka, India.
16. Decision of the President, JNCASR will be final.
17. **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.
18. **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.
19. **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.
20. **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.
21. 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.



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



IMPORTANT DATES		
Last date for submission of bids (Two-bid system)	:	10.07.2025 @ 3.00 PM
(a) <u>Technical Cover</u> : Technical Specification with 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 :		10.07.2025 @ 3.00 PM
Opening of commercial bids :		Will be informed later

(K Bhaskara Rao)

Senior Stores and Purchase Officer

के. भास्करा राव / K.BHASKARA RAO
वरिष्ठ भंडार एवं क्रय अधिकारी / SR. STORES & PURCHASE OFFICER
जवाहरलाल नेहरू उन्नत वैज्ञानिक अनुसंधान केंद्र
JAWAHARLAL NEHRU CENTRE FOR ADVANCED SCIENTIFIC RESEARCH
जक्कूर बेंगलूरु - 560 064 / JAKKUR, BANGALORE- 560 064.



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



ANNEUXRE – I

Technical Specifications for Inverted Modular Microscope

Microscope Frame	Double deck-based microscope frame with Infinity corrected apochromatic optics with a minimum of 3 ports of white light/laser coupling/attaching cameras. The frame should be compact making it easy to fit in any work environment. Frontal Controls for Light path selector 0:100/50:50/100:0. The frame design should allow customization in the optical path by even removing the fl. Turret unit.
Focusing System	Focus adjustment 0.01 μ m step, Course focus limit and knob tension adjustment. Option of Upgradation for Motorized Z focus.
Stage	Detachable mechanical stage with flexible right-hand vertical low drive controls and glass slide holder, the stage should allow custom machining for any attachments for different sample holders.
Observation tube & Eyepieces	Trinocular observation tube with the Camera port, having diopter adjustment, Interpupillary distance adjustable 50-76mm, diopter adjustment function. Paired 10X Eyepiece F.N.22 or higher. 1X C mount adapter.
Nosepiece	Revolving nosepiece that accommodates at least 5 objectives. This nosepiece should be detachable.
Objectives	1. Plan Fluorite / Semi Apochromat objective 10X/0.3 or better, WD >8mm 2. Plan Fluorite / Semi Apochromat objective lens 100x/N.A. 0.9, W.D. 1.0mm or lower. The objective should have a transmittance of more than 90% from 400-700 nm. Transmission curve should be provided along with the quotation.
Mirror Turret	Should accommodate 7-8 filter cubes for 25mm size filters. At least 5 empty filter cubes for 25mm size filter sets to be provided.
Right side port	A lower deck design with right side port. A mirror should be mounted by default to direct light to the camera port or right port.



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



Upgradation	The microscope should be upgradable for stepwise motorization in Z-focus, XY scanning etc.
Computer	Branded Computer with Intel i7 processor, 32GB RAM, 512 GB SSD, 1TB HDD, >2GB Nvidia Graphics card, USB 3.0 slot, optical mouse, keyboard, > 23" equivalent LED Monitor, windows 10 64 bit OS, DVD writer, USB Ports 2.0 and 3.0 2 Nos.
Other specifications: Satisfactory performance certificate from a user of a reputed state or central government institute for the same or similar model should be submitted along with the bid. Upgradability and service in future. The supplier should have direct technical and application support from the Principal Company in India. Bidders must provide the respective web links (of the manufacturer's website) for the quoted microscope and parts.	

(K Bhaskara Rao)

Senior Stores and Purchase Officer

के. भास्करा राव / K.BHASKARA RAO
वरिष्ठ भंडार एवं क्रय अधिकारी / SR. STORES & PURCHASE OFFICER
जवाहरलाल नेहरू उन्नत वैज्ञानिक अनुसंधान केंद्र
JAWAHARLAL NEHRU CENTRE FOR ADVANCED SCIENTIFIC RESEARCH
जक्कूर बेंगलुरु - 560 064 / JAKKUR, BANGALORE- 560 064.