

Indian Institute of Technology - Kanpur
Department of Biological Sciences & Bioengineering

Enquiry Number: IITK/BSBE/FIST/2015-16/NC2/ dated: 03-11-2015

Sub.: Inquiry for the supply of Lipidic Cubic Phase Membrane Crystallization Set-Up

Opening date: November 4th 2015 at 10:00 AM

Closing date: November 19th 2015 at 5:00 PM

(Last Date Extended Nov.20th .2015 to Nov. 28th, 2015 at 5:00pm)

Sealed quotes (technical bid and price bid separately sealed) are invited for the above mentioned laboratory products as per the specifications given in the next page.

Your quote should mention/include the following:

- Maximum discount if any should be offered and mentioned.
- Quoted price should include the cost for installation, warranty and required accessories
- Validity of the quote at least for 90 days.
- FOB (indicating port of shipment) and CIF (New Delhi) values should be quoted separately if import is required. For quotes in INR, the price quote should be for delivery at Kanpur.
- The quote should cover insurance for transport up to Kanpur.
- Indian agency commission if applicable (should be certified by the principal if no agency commission is applicable) in case of import.
- Authorization certificate from the principal if you are a local agent.
- Terms and conditions for the payment, including the banker's name of the principal and the account number, if any, for electronic transfer.
- Include proprietary item certificate if applicable.
- Technical literature to support your product (in technical bid).
- Users' list with contact address in technical bid.

Note: Only principal manufacturers or authorized representatives are requested to send the quote along with proper certificates. The envelope should be marked as **"Quote for the supply of Lipidic Cubic Phase Membrane Crystallization Set-Up"**

Head
Department of Biological Sciences & Bioengineering
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Attention: Dr. Arun Kumar Shukla

Lipidic Cubic Phase Membrane Crystallization Set-Up [Quantity: 1]

Essential components and features:

1. Bench top robotic System must be able to perform LCP, Bicelle, High density Hanging Drop, Sitting Drop and Micro batch under the oil techniques in 96 SBS formats Universal protein crystallography plates.
2. Robotic Deck should be able to accommodate min 4 SBS format Crystallography Plates with pipetting range 25nl-1200 nl and the system must support micro seeding and additive screening without manual interventions in one go with 25 nl volumes.
3. System should have at least eight pipetting channels for proteins and eight channels for screen solutions. The pipetting channels should have volume range of 25nl - 1000nl or more for dispensing and aspiration with high precision.
4. System should be capable of fully automated self-calibrating set up for LCP experiments with high precision syringes and It should be an open system and should accommodate all commercially available SBS Format micro-well plates. The system should offer zero cross contamination with every liquid transfer.
5. All appropriate system accessories (e.g. those required for calibration, alignment etc., softwares with life time upgrade, PC with appropriate UPS, Voltage Stabilizer and consumables to carry out initial crystallization experiments) should be included in the quotation.
6. An LCP mixer, a crystal storage Dewar and a high quality microscope for crystal visualization (with complete camera, PC set-up and polarizer) should also be included in the quotation.

Warranty and AMC: Minimum two year warranty and additional two year AMC must be provided with the equipment.