

**UNIVERSITY OF JAMMU**  
**SCHOOL OF BIOTECHNOLOGY, UNIVERSITY OF JAMMU-180006**

School of Biotechnology, University of Jammu, Jammu & Kashmir is interested in the purchase of **LYOPHILIZER** as per specifications given in the Annexure 1. The Department invites sealed bids / tenders bids from reputed Manufacturers or their Authorized Distributors / Dealers for Supply, Installation and Training of **LYOPHILIZER**. Interested parties may submit their sealed bids online as per Technical Specifications given at Annexure 1 and General Terms & Conditions given at Annexure II. The tender be published online on <https://jktenders.gov.in>. The TECHNICAL BID and PRICE BID has to be submitted online before the due date i.e. 31<sup>st</sup> March 2020 Whereas hard copy of the TECHNICAL BID along with EMD has to reach to the office of the Director, School of Biotechnology, University of Jammu, Jammu 180006 before the due date in a sealed envelope (duly superscripted with Tender No. and date).

For any query pertaining to this tender contact Professor Jyoti Vakhlu, School of Biotechnology University of Jammu, Jammu 180006.

The technical bid will be evaluated first and price bid will be opened only in respect of those Vendors, who are found technically qualified after evaluation of Technical Bid. The Technical bid will be opened on 03<sup>rd</sup> April 2020 in the School of Biotechnology, University of Jammu, Jammu - 180006

Director  
School of Biotechnology,  
University of Jammu, Jammu - 180006

Ref. No. JU/SBT/2020/2171  
Dated: 05-03-2020

## Annexure-I

Item No	Equipment	Quantity	Technical Specification
1	<b><u>Lyophilizer</u></b>	1	<b><u>THESE ARE THE MINIMUM SPECIFICATIONS, EQUIPMENTS WITH BETTER SPECIFICATIONS WOULD ALSO BE CONSIDERED.</u></b>

**Lyophilizer**

1. Microprocessor controlled programmable Lyophilizer/ freeze dryer with CE certification.
2. Corrosion resistant (SS 316L or Teflon coated) condenser coil and condenser chamber of  $\geq 6.0$  Ltr.
3. Drying performance  $\geq 4$ ltr/24 hours and condenser temperature  $\leq -85^{\circ}\text{C}$ .
4. Total refrigeration power: Minimum One Kilowatt with CFC free gas.
5. Hot gas defrosting, drain valve and separate venting / gas purging valve.
6. Touch screen graphical display with password access-protection.
7. Vacuum control and product temperature based on vacuum level.
8. Leakage and performance test function to be available.
9. Vacuum pump - Hybrid vacuum pump to be suitable for solvents Minimum pumping speed of 5.9 m<sup>3</sup>/h.
10. Transparent Drying chamber with minimum 10 individually controlled rubber valve connections.
11. Drying in Base plate and 3 shelves  $\geq 260$  mm diameter.
12. Vacuum controlling device
13. Filter assembly for round bottom flask.
14. Suitable vacuum oil ~3 liters for vacuum pump.
15. Warranty: Five Years

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## Annexure-II

### **General terms and conditions**

1. Rates should be F.O.R. Jammu University Campus.
2. In case of foreign manufacturer kindly quote F.O.R Jammu University Campus in foreign currency. Also quote tentative charges for custom Duty, Clearance charges and Transportation and Insurance up to Jammu separately.
3. Goods must conform to our indicated specifications. Detailed technical and other specifications / literature must be enclosed.
4. Indicate concessional rates of tax for educational institutions. The GST rates must be clearly mentioned separately.
5. The submission of the tenders will be online. The Technical Bid and Price bid has to be submitted online on [www.jktenders.gov.in](http://www.jktenders.gov.in). Whereas the hard copy along with EMD has to be submitted offline on or before due date in a sealed envelope.
6. Earnest Money Deposit (EMD) 2% of estimated price to be submitted along with commercial bid. Bids without EMD will be rejected.
7. The warranty of the product should be at least five Year.
8. The rates should be valid for 120 days. Both technical bid and the commercial bid addressed to undersigned and duly sealed /signed and tapped with official stamp should reach this office latest by 31<sup>st</sup> March 2020.
9. Bidder should submit Purchase orders and / user List as a proof of the dealing with other Government organizations / Institutions. The date of the supply order should be within last Three years from the date of publishing the BID.
10. Bidder should submit Valid Authorization Certificate from OEM for each against this NIT.
11. The firm/bidders should provide non blacklisting certificate mentioning it should not have criminal records/cases/activities.
12. Reports on Financial standing of the bidder such as profit and loss statement, balance sheet and auditor reports for the past three years, banker's certificate etc. should be provided by the bidders.
13. The bidder's firm should be established since last 5 years Documentary Evidence to be submitted along technical BID.
14. The bidder should have enough strength of people for the after sales support with their branch offices near to Jammu/Chandigarh. The details of Service Centre and Office addresses along with Service personnel need to be shared for the verifications.
15. Self-attested copies of GST and PAN card and Firm registration certificates to be submitted.
16. The bidder should have ISO or equivalent quality Certification.
17. The delivery, installation and operational training of the instruments/equipment should be completed within 45 days from placing of the order failing which the bank guaranty shall be retained by the Department.
18. The successful Bidder must provide Bank Guarantee equivalent to 10% of the cost of equipment to the Value of Order from Nationalized or Scheduled bank.
19. All Documents submitted in technical BID should be self-Attested (Signed and Stamped).