

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

School of Biotechnology, University of Jammu, Jammu & Kashmir is interested in the purchase of **REFRIGERATED INCUBATOR SHAKER** 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 **REFRIGERATED INCUBATOR SHAKER**. 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 will 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. 17th December 2019 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 18th December 2019 in the School of Biotechnology, University of Jammu, Jammu - 180006

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

Ref. No. JU/SBT/2019/1441
Dated: 26-11-2019

Annexure-I

Item No	Equipment	Quantity	Technical Specification
1	<p><u>REFRIGERATED</u> <u>INCUBATOR</u> <u>SHAKER</u></p>	1	<p>Universal Shaking Platform should be capable of holding at least 36 Nos. of 100 ml flasks (or) 25 Nos of 250 ml flasks (or) 16 Nos of 500 ml flasks (or) 9 Nos of 1L flasks (or) 4 nos of 2L.</p> <p>There should be provision for at least three removable tray to keep Petri-plates.</p> <p>Shaking frequency should be at least 25-400 RPM at a minimum 25 mm orbit and with a maximum deviation of +/-1RPM from set value.</p> <p>Clamps should be made of single piece stainless steel material (without welding) and leaves tied with three springs.</p> <p>Movement of the shaker should be Magnetic (or) Triple Eccentric Counter balanced drive, driven by Brushless Motor for low maintenance. Absolutely smooth movement ensuring silent operation</p> <p>Shaker should have Universal Shaking Platform with minimal foot print of < 1.5m² (approx) and external dimension should not exceed 450mm X 450mm and capable of using assorted clamps; and have provision of using Anodized Tray with Sticky mat.</p> <p>External dimension of equipment should not exceed (W x H X D) 580 x 850 x 750 mm</p> <p>MOC should be of MS powder coated steel exterior and stainless steel interior</p> <p>Temperature range should be 5°C to 80°C with an accuracy of +/- 0.1° C at 37°C at an ambient temperature < 28.0°C.</p> <p>Should be microprocessor based PID control system with Control should be Soft touch Keypad (or) touch screen with Digital LED (or) LCD display.</p> <p>Should have photosynthetic light bank and future upgradable with gas purging facility to address various applications on research.</p> <p>Equipment should have Audio & Visual alarm for temperature deviation</p> <p>High-grade insulation on all sides of the equipment for uniform temperature maintenance.</p> <p>Unit should be with front open door with toughened double glazed glass window for Sample viewing without opening the door.</p> <p>Swing down front open door with large viewing</p>

		<p>window and gas spring damper for convenient sliding of platform and resting is preferred, without disturbing the access to second or third deck when stacked.</p> <p>Pull out and front access service module should allow easy access to all electronic and heating/cooling components without having unstack the units.</p> <p>Should have interlocking stacking kit arrangement for shakers as standard.</p> <p>Equipment should have Non-Volatile memory with automatic power failure restart and door opening sensor switch.</p> <p>Should be possible for incremental / decrement speed control of 1RPM and Temperature control of 0.1° C.</p> <p>Only Standard Models should be quoted and custom made products will not be considered.</p> <p>Standard 5 year warranty should be provided from the date of installation at University of Jammu.</p> <p>Clamps to be supplied: 250ml X 20 Nos, 500ml X 10No, 1000ml X 5 No, 2000ml X 4.</p> <p>Original company literature with offered specifications should be enclosed with the bid failing which the bid may be treated non-responsive.</p> <p>The supplier of the instrument should provide hands on operational as well as application training at the time of installation.</p> <p>The quoted system or equivalent category system should have at least 30 numbers of installations in India. List of such users with contact numbers of faculty in-charge and copy of their installation report should be enclosed. At least three most recent PO copy must be submitted.</p> <p>Supplier should clearly mention about their service set up in India for prompt service support along with contact details of service engineers specially trained on the offered system. Service should be provided within 72 hrs from the report of technical problem so that machine down time is minimized.</p> <p>Manufacturer should be renowned ISO 9001- 2015 certified Company with a record of minimum 20 Number of installations in reputed Govt. of India organizations like Central Universities, IITs, IISERs, CSIR, DRDO, ICAR institutions etc.</p> <p>Supplier should confirm the availability of minimum essential spares in the next 10 years after installation.</p>
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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. 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 17th December 2019.
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).