

Specification for Benchtop Refrigerated Incubator Shaker

- 1) Shaking Speed : 25 to 400rpm with ± 1 rpm control with shaking orbit 1”(2.5cm).
- 2) Temperature Range : 20°C below ambient to 80°C. Temperature accuracy should be within $\pm 0.1^\circ\text{C}$ with a uniformity of $\pm 0.25^\circ\text{C}$.
- 3) Drive Mechanism : Triple-eccentric counterbalanced drive with 9 permanently lubricated ball bearings. Solid state brushless D.C. motor.
- 4) Should have an adjustable-height shelf for added incubating or storing capability.
- 5) Unit should have a platform capable of attaching 125ml, 250ml, 500ml and 1000ml clamps.
- 6) Alarm should indicate when speed deviates more than 5 rpm or temperature deviates more than 1°C from set point, and when timer operation has expired.
- 7) It should have easy to use programmable controller automatically changes temperature, speed at timed intervals, hold upto 4 programs, 15 steps each.
- 8) Shaker should have a Multi-function reservoir for chamber humidification; reduced sample evaporation and unit protection from spills.
- 9) Platform: Should be 46cm X 46cm or higher. Universal platform should be able to hold at least 20 ± 2 clamps of 250ml.
- 10) It should be possible to use the shaker on or under the bench or double stacked for space savings.
- 11) Shaker should have an option for UV germicidal light, Humidity Monitor, Photosynthetic light bank & 12- port gassing manifold.
- 12) It should be CSA, UL & CE certified.
- 13) All vendors are requested to attach original technical literature/ catalogue in support of the mentioned specifications & highlight the above features. The same features should be available in the company website.
- 14) System should be supplied with suitable servo voltage stabilizer

Optional Item:

Pricing for the following clamps as an individual unit should be quoted

125ml clamps

250ml clamps

500ml clamps

1000ml clamps

Quantity to be purchased is minimum of 1 to the maximum allowable limit for the platform supplied.

Eligibility Criteria

- Bidder should be Manufacturer/ Authorized Partner/ Reseller of the manufacturer and a Letter of Authorization from manufacturer for the same and specific to the tender should also be enclosed. The bidder should also be the Authorized Service Provider.
- Bidder should be financially sound to execute the order. Certificate to this effect should be issued by any nationalized/ scheduled bank showing its annual turnover of at least 25Lakhs each in the last three financial years.
- The Bidder shall provide the Registration number of the firm along with the LST/ CST/ WCT No. and the PAN Number issued by the concerned authorities.
- The bidder should enclose similar orders provided to various reputed Government Institutes/Research labs/ICAR/CSIR institutes throughout India in the last 5 years.

- Separate technical and price bid should be uploaded.
- Technical Bid must contain a Technical Compliance sheet. Technical compliance sheet must have the page number of a published catalogue/operating manual/manufacture website as proof for compliance with the instrument and accessories for each technical points. Relevant copies of catalogue/operating manual/manufacture website pages that have been listed as proof should be attached.
- All vendors are requested to attach original technical literature/ catalogue in support of the mentioned specifications & highlight the above features. The same features should be available in the company website.
- Price Bids should contain the prices, terms of delivery, sales, payment terms etc.
- The bidder must not be blacklisted by Delhi University. A Certificate or undertaking to this effect must be submitted.
- A copy of the Technical bid must be provided to Dr. Kaustuv Datta, Department of Genetics, UDSC, Tel: 011-24119810

No Commitment to Accept Lowest or Any Tender

- Demonstration of the equipment will be required if needed.
- University of Delhi shall be under no obligation to accept the lowest or any other offer received in response to this tender notice and shall be entitled to reject any or all offers. University of Delhi will not be obliged to meet and have discussions with any vendor, and or to listen to any representations.

Warranty /Comprehensive Maintenance

- Machine should be warranted for minimum 12 months & compressor for 5 years from the date of installation.
- Warranty upto 5 years on the machine from date of installation after expiry of standard warranty should be quoted, year wise under optional items in the price bid.
- Installation and commissioning to be completed up to the satisfaction level of the technical purchase committee followed by training and handling by the bidders

Price quotation

- F.O.R. UDSC price only in INR to be quoted which includes transportation charges to site of installation. IGST/CDEC will be provided.
- Payment will be made against successful installation.
- Validity of the quotation should be till 31st March 2019.
- Vendor must supply the order within two weeks of the order

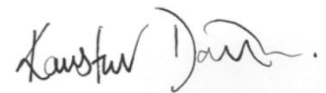
Published Date: 02-02-2019 (12:00 Hrs)

Bid Document Download Start Date: 02-02-2019 (14:00 Hrs)

Bid Submission Start Date: 03-02-2019 (10:00 Hrs)

Bid Submission End Date: 09-02-2019 (17:00 Hrs)

Bid Opening Date: 11-02-2019 (11:00 Hrs)



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All the relevant documents related to tender can be found on CPPP portal

