

UNIVERSITY OF DELHI SOUTH CAMPUS
OFFICE OF THE Project Investigator, BioNEST, UDSC

Ref. No. BioNest-UDSC/2021-5

Dated-05-02-2021

NOTICE INVITING E-Tender

Tender Id	:	2021_DU_614374_1
Tender reference no	:	BioNEST-UDSC/2021-05
Organization Chain	:	Delhi University Department of Microbiology –DU
Item	:	Two Orbital Shakers (Bench top Refrigerated)
Start of submission of Bid	:	05-Feb-2021 (10.30 AM)
Last date for submission of Bid	:	27-Feb-2021 (05.00 PM)
Date for opening of Technical Bid	:	01-Mar-2021 (09.00 AM)

The tender form & other details can be obtained from the website www.eprocure.gov.in. For further details, contact the office of undersigned. Any corrigendum in this regard will be displayed on University website (<http://du.ac.in/index.php?page=tenders>) and Department website (<http://microbio.du.ac.in/web3/>)



Project Investigator
Entitled "BioNEST Fostering.....BioIncubation"
No: BT/BIRAC/BI-DU/2019
Department of Microbiology,
University of Delhi South Campus
New Delhi-110021



UNIVERSITY OF DELHI SOUTH CAMPUS

Department of Microbiology
University of Delhi South Campus
New Delhi-110021
Tel. 011-24157380, Fax. 011-24115270

No: BioNEST-UDSC/2021-05

Date: 05.02.2021

Tender for Two Orbital shakers [Bench top Refrigerated with a minimum one adjustable salve] purchase through e-procurement portal

The sealed quotations are invited under two-bid system for **Two Orbital shakers [Bench top Refrigerated with minimum one adjustable salve] with FOR destination** (BioNEST, Department of Microbiology, University of Delhi South Campus) **price** (Indian Rupees only) for supplying and installation of the item as described below:

Description and Technical Specifications	Quantity
<p>Quantity required: Two</p> <p>Minimum technical specifications requirement:</p> <ol style="list-style-type: none">Front loading shaker: with atleast one adjustable stationary shelve (for Incubation)SPEED RANGE: Microprocessor controlled RPM atleast in range of 25 to 400 rpmOperational Temperature Range: 20°C below ambient to 80°C (At least, minimum set point should be 4 °C). The accuracy must be atleast .1 °C and uniformity of .5 °C.Display Type: LCD with an incremental display of RPM, temperature, compatible with data logging and computer controlBody Type: Stainless steel chamberSafety Alarm: Audio and visual alarm when speed deviates more than 5 RPM and temperature more than 1°C from set points.Programmable and continuous shaking operations: Upto 90 Hrs programmed or continuous shaking. Alarm after programme finish. Automatic restart after the power failure if programmed.Temperature Programming during the experiment: capable of dual- temperature and RPM change in shake flask experiments. Programming timer to automate switching between set temperatures. Minimum 4 such programmes must be stored in memory.Drive Type: Triple eccentric counter-balanced drive, Atleast 9 permanently lubricated bearing for jerk-free moving and durability or Magnetic Drive.Motor type: Solid state brushless DC motor.Front Viewing window: A Large double pane insulated window at the front to see inside the shaking chamber. The chamber should have a reservoir for humidification and low evaporationInternal electrical points: Atleast one electrical point inside shaker chamber	2

<p>13. Platform: Universal platform type with provision to hold minimum 18-20 flasks capacity of 250 ml</p> <p>14. Addition futures: Upgradeable to hold UV, Photosynthetic light bank, 12- port gassing manifold and white light attachment for disinfection and algal growth.</p> <p>15. Clamps size and quantities Required: 250 ml (4 no's), 500 ml clamps (4 no's), 1000 ml clamps (2 no's), 2000 ml clamps (2 no's)</p> <p>16. Stacking ability: Staking kit should be supplied with machine to stake two shakers to save space</p> <p>17. All parts and accessories should be quoted from a single manufacturer.</p> <p>18. Should be manufactured as per ISI specifications and also would bear ISI certification Mark IS:3829 (PART-I) and ISO 13485:2003 & CE certified.</p> <p style="padding-left: 40px;">a. Documentary proof of the same to be submitted.</p> <p>19. Vendor should have at least 15 years track record. Documentary proof to be submitted.</p> <p>20. The vendor should enclose user list of at 50 users of same model installed in Institutes/Universities/ICAR/CSIR/ICMR/other research labs in government-funded institutions, with contact details of all the users listed.</p> <p>21. Vendor should submit authorized distributor certificate issued by original manufacturer for the quoted item.</p> <p>22. 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 30 Lakhs each in the last three financial years.</p> <p>23. Vendor should also enclose the original literature/catalogue/company brochure, and fill out a compliance sheet, with the relevant page number and line number of the brochure mentioned against each point of the technical specifications given above.</p> <p>24. The machine should be under one Years "Comprehensive warranty" from the date of installation.</p>	
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Important: For technical compliance, read the complete tend document very carefully before bidding.

1. Nothing is optional in this tender, so the financial quotation should include the total price, including all the above requirements. Quotations are invited under two-bid system
2. Should carry Certification of US or European standard for the quoted equipment. Documentary proof to be submitted.
3. The vendor should have at least 15 years of track record of supply of **Orbital shaker [Bench top Refrigerated]**. Documentary proof to be submitted.
4. The vendor/manufacturer should enclose user list with the address of at least 50 users **of the same model of Orbital shaker [Bench top Refrigerated]** installed throughout India in various reputed Institutes/ Universities/ ICAR/ CSIR/ ICMR/ other research labs in government-funded institutions. Documentary proof is required to be submitted, with phone no and complete address. Also PO copies or Performance certificates of at least 15 of these orders must be provided.
5. The vendor should submit an authorized distributor certificate issued by the original manufacturer for the quoted item. Manufacturer or vendor must have post-sale service provider in Delhi in case of any technical or function issue with machine.
6. The vendor should also enclose the original literature/ catalogue/ company brochure **and fill out a compliance sheet, with the relevant page number** and line number of the brochure mentioned against each point of the technical specifications given above. The quoted specifications/features should be available on the company website **(Please provide the original manufacturer website showing the requested technical specification).**

7. The machine should be under **one Years “Comprehensive warranty”** from the date of installation.

Additional Important Information:

1. Bidder should be Manufacturer/ Authorized Partner/ Reseller of the manufacturer and a Letter of Authorization from the manufacturer for the same and specific to the tender should also be enclosed. The bidder should also be the Authorized Service Provider. (attach the required certificate)
2. 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 on the company website **(Please provide the original manufacturer website showing the specification).**
3. Please note: IGST/CGST+SGST@5% would be applicable for supply to University of Delhi South Campus under Custom notification of 47/2017. DSIR Certificate/CDEC would be provided on request.
4. The quotations should be addressed to **Prof. Swati Saha**, BioNest, Department of Microbiology, University of Delhi South Campus, Benito Juarez Road, New Delhi-110021, and should be **uploaded on the e-procurement portal, latest by 5 pm on 27th February 2021**
5. Quotations have to be submitted in a **two-bid system**. The first part, **Technical bid**, should consist of all technical details and supporting documents with terms and conditions. **A Compliance Sheet must be filled by the vendor** against each point and giving reference of the same (page number, line number) in the supporting company brochure/document.
6. The second part, **Financial bid**, should contain total combined price of all the items mentioned in the technical bid.
7. The bidder will have to quote all the required items together: partial quotes will not be accepted. For each item, make and model, have to be mentioned clearly. (Nothing is optional)
8. The quote should be valid for 90 days from the due date.
9. Payment will be made by wire transfer or through online system as per University rules after the installation of the instrument.

Commitment to Accept Lowest or Any Tender

- Demonstration of the equipment with all accessories (mentioned in tender document) will be required on the recommendation of the Purchase Committee at Department of Microbiology, University of Delhi South Campus, New Delhi-110021.
- The 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. The University of Delhi will not be obliged to meet and have discussions with any vendor and or to listen to any representations.



Prof. Swati Saha
Department of Microbiology