



National Center for Biological Sciences  
Tata Institute of Fundamental Research  
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Ref:NCB/CA18-125/181617

December 12, 2018

## ENQUIRY

To

=> By Speed Post/Courier

Dear Sirs

Please let us have your Quotation for the following:

S.No.	Item Description	Qty	UOM
1	Hot air oven (As per the specification attached)	1.00	NO

**NOTE :**

1.Please provide AUTHORIZATION LETTER & PROPRIETARY CERTIFICATE from your principal supplier along with quote.2. As per notification 45/2017 only 5% GST applicable to NCBS.

**1. The quotation shall be submitted in a sealed envelope duly superscribed with the enquiry number, and the due date for ..... Ref No: 181617. The bids should be addressed and to be mailed/couriered (sent by post/courier) to 'THE HEAD-PURCHASE'.**

The bids are liable to be rejected if the sealed envelope is not addressed to "THE HEAD-PURCHASE" with Tender Ref No. and Item Description and due date. The bids delivered in person shall be dropped in Purchase Section. If the bids are sent through courier or mail, it should reach by submission date and time and NCBS will not be responsible for the delay.

**2. DUE DATE FOR SUBMISSION OF QUOTATION AGAINST THIS ENQUIRY IS 01/01/2019 BY 5.30PM.**

**3. QUOTATIONS RECEIVED AFTER THE DUE DATE SHALL BE REJECTED.**

4. The validity of your quotation should be for 60 days from the due date.

5. All duties, taxes, surcharge and cess as currently applicable must be stated in your quotation, separately. Otherwise your quote is liable to be rejected.

6. Your quotation should indicate delivery period & warranty period.

7. Delivery to be made to our stores. Please indicate charges, if any extra. Transit Insurance should be done upto NCBS Stores.

8. If you are unable to supply the quality, specifications or brand as mentioned in our enquiry, please state so and then offer alternative to quality/specifications.

9. Payment: within one month after delivery & acceptance/satisfactory installation.

10. Please ensure that the enquiry number and the due date is superscribed on the envelope failing which your quotation is liable to be rejected.

11. Since we are a public funded research institution, we are exempted from paying Customs duty (Except ad valorem duty of 5% + 2% Cess and 1% Cus Sec & High Edu. CESS vide Notification No.51/96 with latest amendments) and excise duty vide Notification No. 10/97 CENTRAL EXCISE dated 01-03-1997 for all scientific equipments, technical instruments, equipments (including computers), their accessories, spares, consumables and software. Hence, please offer your prices

**12. If the item is covered under DGS&D rate contract, please quote the rate as per the DGS&D rate contract with xerox copy of the DGS&D order.**

13. Any dispute or differences that may arise between the parties shall be referred to the sole arbitration of the Centre Director or his nominees. The decision of the arbitrator shall be final and binding on the parties. The venue for arbitration shall be Bangalore. The provisions of the Arbitration and Conciliation Act, 1996 as amended from time to time shall apply. The courts in Bangalore shall have exclusive jurisdiction to deal with any or all disputes between the parties.

14. TIFR is a public funded research institute and is entitled to concessional rate of GST @ 5% for certain items supplied for research purpose vide notification no. 47/2017 and 45/2017 dated 14th Nov, 2017. The offer should be submitted after fully considering the above notification.

15. Liquidity Damages: If the equipment/ items as per specifications in our P.O. is not supplied (shipped) within the specified delivery schedule, then liquidated damages (not in terms of penalty) will be imposed automatically and shall be deducted from the bill at the rate of 0.5% per week subject to a maximum of 10% of the order value.

16. Income Tax at the applicable rates as per the Indian Income Tax Act 1961 will be deducted at source for the services availed / ordered. In case of service provider, the rate of tax deduction shall be at 2% as per Section 194C, and in case of fee for professional / technical services under section 194J, the tax deduction shall be at the rate of 10%. In case service provider does not provide PAN number, the deduction shall be at 20% under section 206 AA.

-Tax Deduction Certificates will be provided on request for non PAN holders & Foreign Vendors and PAN holders could avail them through NSDL site dealing with 26AS.

## Drying Hot air oven Specifications

The system should have the Capacity of 400 litres

The system should be microprocessor controlled and should be a LCD display with an onboard touch button control.

The system should have the choice of weekly/hourly/real time of operation display

The system should be certified as research grade. Self-certification will not be accepted

The system should have the controller and should be programmable for temperature ramps

The system should have the temperature Range 10 °C above ambient temperature up to 250 °C

The system should have the temperature Accuracy  $\pm 1^{\circ}\text{C}$

The system should have the temperature uniformity  $\pm 2.1^{\circ}\text{C}$

Temperature Deviation over at 150°C  $\pm 0.5^{\circ}\text{C}$

The system should have minimum 10 programs which can be saved for easy use and have the option for editing multiple times.

It should have automatic restart after power interruption without change in the set parameters.

System should have 8 adjustable shelves can accommodate a maximum of 12 shelves and also should be quoted with optional accessories like additional shelves

Internal chamber should be made up of AISI 304 Stainless Steel

The system should have the access to easy removal of shelves for cleaning

The system should have the timer function to program start or switch off times for additional energy savings. Timer Range 1 to 99 Minutes and Continuous

System should be Equipped with the safety features with automatic over temperature alarm and over temperature protection

System should have audio & visual alarm for over / under temperature

The system should have alarm contact NO/NC for connection of centralized alarm system.

The system should have the Forced convection oven should have electronic fan speed adjustment and control

The system should have an electronically-controlled damper opening for venting out the chamber air

The oven interior should have rounded corner for ease of clean and better contamination

Control

The system should have the calibration feature to ensure the temperature function

The system should have shelving system that can be fitted inside the chamber with just one Click

The system should have RS 232 interface communication port for data logging.

The system should have Lockable casters for easy mobility.

The system should have 2 features for controlling the fan speed, Slow speed for drying of powders, High speed for drying and heating

The door should be able to open at 180° angle for complete access to chamber interior.

The system should have the access port for independent monitoring of sample temperature with external sensors

The system should be able to operate at 230 V /50 Hz

The system should be CE/ ISO certified


The system should have the warranty for 3 years.

The system should be supplied with all accessories required to function.

The product should be as per CE/IEC guideline and certificate from authorized body should be submitted. No self-declaration will be accepted.

The service team should be in Bangalore. Contact details of Engineer should be submitted with this offer

Yours faithfully  
For and on behalf of  
National Centre for Biological Sciences

A handwritten signature in black ink, appearing to read 'Sudhakar' followed by a date '12/12/18'.

Head Purchase