



# National Center for Biological Sciences

Tata Institute of Fundamental Research

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Ref:NCB/CA18-148/181740

December 24, 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	<p>Specification for PCR Machine:</p> <ol style="list-style-type: none"><li>1. System should have Asymmetric independently controllable 3 block with 32 wells in each, 3 x 32 well.</li><li>2. System should have block to accommodate PCR tube / strips of 0.2 ml, 0.5 ml.</li><li>3. System should have well block which is capable of testing temperatures at Denaturation, Annealing and Extension steps.</li><li>4. System should be capable to run 6 different temperatures at a time.</li><li>5. System should be implemented with gradient technology to ensure identical ramp rates in both gradient and normal operations.</li><li>6. System should have heating and cooling of block through Peltier technology.</li><li>7. System should have block temperature range from 4°C to 100°C.</li><li>8. System should have fast, standard and safe temperature control modes for operation.</li><li>9. System should have lid temperature ranging from 37°C to 100°C.</li><li>10. System should have block temperature accuracy of <math>\pm 0.25^\circ\text{C}</math> or better.</li><li>11. System should have block homogeneity of less than <math>\pm 0.5^\circ\text{C}</math>.</li><li>12. System should have heating rate of minimum <math>3^\circ\text{C/s}</math> and cooling rate of minimum <math>2^\circ\text{C/s}</math>.</li><li>13. System should be incorporated with Flex lid technology to accommodate PCR tubes with flat or domed caps.</li><li>14. System should have option for thermal sample protection to maintain the block at lower sub-optimal temperatures until the lid reaches the desired temperatures.</li><li>15. System should have an option to export the data collected to the USB in excel format, pdf format or any suitable format which will be compatible to open in the computer system to analyse the data.</li><li>16. System should operate at 230 V/ 50 Hz.</li><li>17. System should have calibration certificate from the manufacturer</li><li>18. The system should be CE/ ISO certified.</li><li>19. The system should have the warranty for 3 years.</li><li>20. The system should be supplied with all accessories required to function.</li><li>21. The product should be as per CE/IEC guideline and certificate from authorized body should be submitted. No self-declaration will be accepted.</li><li>22. The service team should be in Bangalore. Contact details of Engineer should be submitted with this offer.</li></ol>	1.00	NO

**1. The quotation shall be submitted in a sealed envelope duly superscribed with the enquiry number, and the due date for ..... Ref No: 181740. 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 07/01/2019 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.

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

For.  4/12/19  
Head Purchase