



National Center for Biological Sciences
Tata Institute of Fundamental Research

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ENQUIRY

Ref: NCB/CA17-57/161820

July 21, 2017

Dear Sirs

Please let us have your Quotation for the following:

S.No.	Item Code	Description	Qty	UOM
1	LCQBE000098	PCR Machine- Please refer to the specifications attached.	1.00	NO

1. The bids shall be enclosed in an envelope and due date sealed duly marked Tender for _____ Ref No: 161820. The bids should be addressed and to be mailed 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 11/08/2017.

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

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

Shabeen Taj

SHABEEN TAJ

Copy to: Prof. / Dr. / Mr. / Mrs. / Ms. / Shri / Smt. JAYAPRAKASH R. (NCB-12P4510)
Your Indent Req. No.JRA1200078 Dated:19/06/2017 refers.

Remarks:

ANNEXURE-I

Specification for PCR Machine

1. System should have Asymmetric independently controllable dual block with 2 x 48 well.
2. System should have block to accommodate PCR tube / strips of 0.2 ml, 0.5 ml.
3. System should have well block which is capable of testing temperatures at Denaturation, Annealing and Extension steps.
4. System should be capable to run eight different temperature at a time with minimum 12°C gradient range.
5. System should be implemented with gradient technology to ensure identical ramp rates in both gradient and normal operations.
6. System should have gradient temperature ranging from 30°C to 99°C.
7. System should have heating and cooling of block through Peltier technology.
8. System should have block temperature control ranging from 4°C to 99°C.
9. System should have fast, standard and safe temperature control modes for operation.
10. System should have lid temperature ranging from 37°C to 100°C.
11. System should have block temperature accuracy of minimum or better than +/- 0.2°C
12. System should have block homogeneity of minimum or better than +/- 0.4°C.
13. System should have heating rate of minimum 3°C/s and cooling rate of minimum 2°C/s.
14. System should be incorporated with Flex lid technology to accommodate PCR tubes with flat or domed caps.
15. System should have option for thermal sample protection to maintain the block at lower sub-optimal temperatures until the lid reaches the desired temperatures.
16. 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.
17. System should operate at 230 V/ 50 Hz.
18. System should have calibration certificate according to NIST (USA), DKD/PTB (Germany), UKAS/NPL (UK), UL/CUL Listed.
19. The system should be CE/ ISO certified.
20. The system should have the warranty for 3 years.
21. The system should be supplied with all accessories required to function.