

September 3, 2014

NIQ for PCR machines (3 No)

Sealed quotations are invited for the supply of PCR machine (**3 units**) in the Department of Biochemical Engineering and Biotechnology. The technical specifications for the PCR machines are given below.

Specifications:-

- It should have capability to accommodate 96 x 0.2ml PCR Tube, or 96 well PCR plate for ultimate throughput
- It should have precise control of temperature based on Peltier patented Triple Circuit Technology. The Block Temperature Accuracy should be $\pm 0.5^{\circ}\text{C}$ over a range of 35°C to 100°C .
- The ramp rate should be $1-1.5^{\circ}\text{C}$
- Block temperature control range must be 4°C to 99°C
- It should have back-lit LCD display
- It should allow a memory storage of 100 complete PCR methods with a method protection scheme
- It should have programmed methods for hot start PCR, touchdown PCR and long PCR.
- Auto Restart facility with user defined time interval when power fails and resumes
- Instrument should display remaining runtime in larger font and the status of the run
- It should have at least one serial port for connecting it to a printer or computer
- Calibration should be according to NIST (USA)/ DKD/PTB (Germany)/ UKAS/NPL (UK)

Terms and conditions:

1. A minimum comprehensive warranty with spares for 3 years from the date of installation of the instrument.
2. Comprehensive on-site training to the users after installation.
3. Catalogue in original with all technical specifications printed on the catalogue. Principal needs to declare the year of launch of the quoted model.

General instructions:

1. Letter from the manufacturer specifically to quote for this tender is to be attached for authenticity of dealership/ agency and the dealer should be authorized service provider.
2. Vendor should get a fresh certificate directly from their product principal's clearly mentioning about warranty for three years of the systems to be delivered.
3. Special discount/ rebate wherever admissible keeping in view that the supplies made for educational purposes in respect of the public institution of national importance may please be indicated.
4. Vendors should attach the relevant product brochures and list of users for the model quoted.
5. Validity of the quotation should be at least three months.
6. Vendors will do the installation and demonstration of the equipment at IIT Delhi premises without additional charges.
7. Taxes, terms and conditions should be clearly mentioned.
8. In the case the items are proprietary products of the company, a proprietary item certificate stating the same may be provided.
9. Specifications form should be similar to the given specifications sheet.
10. A compliance statement for required specifications should be attached.
11. Payment terms and conditions should be clearly mentioned. No advance payment is encouraged by IIT Delhi.
12. Firm MUST provide a compliance statement vis-à-vis specifications in a "tabular form" clearly stating the compliance and giving justification, if any supported by technical literature with clear reference of page number, paragraph or lines. This statement must be signed by the tendered for its authenticity and acceptance that any incorrect or ambiguous information found submitted will result in disqualification of the tender. The quotation should be complete in all respects

(as per IIT-Delhi rules).

The Institute/ purchase committee has the right to accept or reject any bid or all quotations without assigning any reason whatsoever.

Sealed quotations in separate envelopes of Technical and Commercial bids kept in one sealed outer envelope (super-scribed "Quotation for **PCR machine (3 No)**") should be addressed to **Dr. Preeti Srivastava, Department of Biochemical Engineering and Biotechnology, IIT-Delhi, Hauz Khas, New Delhi 110016** and should reach the **Department of Biochemical Engineering and Biotechnology, IIT-Delhi by 1500 hrs by September 18th, 2014.**