

Indian Institute of Technology-Kanpur
Department of Biological Sciences & Bioengineering

Enquiry No.: IITK/BSBE/JGR-5620/2015-16/04

Enquiry date: 10-06-15

Last Date:26-06-15

Enquiry for PCR machine [Thermal cycler]

We would like to purchase a PCR machine [Thermal cycler] for our laboratory. Offered product should take into account specifications given below.

Equipment: PCR machine [Thermal cycler]

SPECIFICATION

- ✦ 96 well Thermal Cyclers with Dynamic ramping over 8 rows of system generated gradient.
- ✦ Maximum ramping rate 4 degree centigrade
- ✦ Temperature range should be 4-100 degree centigrade
- ✦ Temperature differential range should be 1-25 degree centigrade
- ✦ Temperature accuracy ± 0.5 degree centigrade of programmed target at 90 degree centigrade.
- ✦ Gradient accuracy ± 0.5 degree centigrade of programmed temperature at end rows.
- ✦ Gradient range 30-100 degree centigrade
- ✦ Temperature Uniformity ± 0.5 degree centigrade well to well.
- ✦ Memory ≥ 500 typical programs onboard, unlimited with USB flash drive expansion
- ✦ Temperature control modes Calculated and block
- ✦ Programming options Step based graphical, Reporting exportable run logs, system logs

Terms and Conditions:

- Cost of the items including relevant accessories with technical specification should be mentioned in detail.
- Prices should include delivery up to IIT Kanpur.
- Warranty should at least be for three year after installation.
- Validity of quotation should be at least for 90 days.
- Delivery period: within 30days from the date of purchase order kindly send your best offer (Technical offer separately) and the quotation along with your authorized dealer certificate to address given below.

Dr. Jayandharan G. Rao



Dr. Jayandharan G. Rao, Ph.D.
Associate Professor
Department of Biological
Sciences and Bioengineering
भारतीय प्रौद्योगिकी संस्थान, कानपुर
Indian Institute of Technology, Kanpur
Kanpur-208016, U.P. (INDIA)