

**CENTRE FOR MEDICAL BIOTECHNOLOGY
MAHARSHI DAYANAND UNIVERSITY ROHTAK**

No. CMBT/2025/ 436

Dated: 17/09/2025

Last date of sending Quotation: 03.10.2025

M/s -----

Dear Sir/Madam,


Please quote for the article mentioned below so as reach the undersigned by 03-10-2025. The quality, make, packaging and other particulars of each item should be stated.

WHILE SUBMITTING THE QUOTATIONS PLEASE NOTE THE POINTS MENTIONED BELOW:-


1. The quotations are to be sent in an envelope marked QUOTATION DUE ON 03-10-2025 and this envelop may be put in another envelope addressed to the undersigned.
2. The rates of S.T./C.S.T., EXCISE, CUSTOM and other taxes chargeable must be specified.
3. Discount if any, is to be given with the quotation.
4. The price quoted will be applicable to the specifications mentioned" and will remain valid for at least 90 days.
5. The selected vendor will be required to supply and install the items within two weeks from the date of issue of Purchase Order.
6. No advance payment shall be made; any offer linked with advance payment is likely to be ignored/rejected.
7. Incomplete offers will be summarily rejected. The warranty period will be reckoned from the date of installation and acceptance of the items by MD University, Rohtak.
8. Quotation sent must include Quotation Ref No: in Subject Line followed by Name of Vendor j. The acceptance of goods/services is subject to the approval of the Inspection Committee.
9. Dispute, if any, will be subject to Rohtak Jurisdiction.

Sr. No.	Name of item
1	Gradient Thermal Cycler (Bio-Rad) (Details as per list attached)

Thanking you,


Director, CMBT
Centre for Medical Biotechnology
M.D. University, Rohtak

NAME OF INSTRUMENT	GRADIENT THERMAL CYCLER (BIO-RAD)
TECHNICAL	SPECIFICATIONS
Sample Capacity	Accommodates 96×0.2ml tubes, 0.2ml tube strips, or standard 1×96-well plates (8 × 12 format).
Plate Compatibility	Instruments not supporting plate formats will not be considered.
Gradient Capability:	Must feature true gradient technology with dynamic ramping.
Uniform Gradient Holding	Dynamic ramping must ensure identical hold times across all 8 rows
Temperature Differential Range:	Adjustable from 1°C to 25°C across the rows.
Warranty	One Year
Touch Screen Interface	Intuitive touch screen (5.5 inches or larger)
Touch screen Usability:	Responsive to both gloved and ungloved fingers.
Reaction Volume Range:	Capable of handling reaction volumes from 1 µL to 100 µL.
Ramp Rate:	Maximum ramp rate of 4°C per second or higher
Temperature Range:	Operational temperature range: 4°C to 100°C.
Gradient Temperature Range:	Gradient range: 30°C to 100°C.
Temperature Accuracy & Uniformity:	±0.5°C across the block.
Memory Capacity:	Onboard memory to store over 500 programs. USB support for additional storage and program transfer.
Protocol Library:	Built-in protocols for Long PCR, Fast PCR, Reverse Transcription PCR, etc.
Power Save Mode:	Energy-saving feature included
Instant Incubation Feature:	Maintains a constant temperature for processes like ligation and restriction digestion.
log Management	Capable of storing and expiring run logs and system error logs
Boot-Up Time:	System should be fully operational within 1 minute of start-up
Noise Level:	Quiet operation during use.


 17/09/25
 Director, CMBI
 Director
 Centre for Medical Biotechnology
 M.D. University, Rohtak