



Surajit Sarkar, Ph.D.
Asst. Professor

Department of Genetics

University of Delhi, South Campus
Benito Juarez Road, Dhaula Kuan, New Delhi - 110 021, India

Phone: (Lab) +91-11-24113106 (ext: 325)
Fax: +91-11-24112761
E.mail: sarkar.surajit@gmail.com
sarkar@south.du.ac.in

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Sealed quotation are invited online (*via eProcurement mode, please visit <https://eprocure.gov.in/eprocure/app>*) under two-bid (two digital cover) system for Gradient Thermal Cycler and accessories with FOR destination price (Department of Genetics, University of Delhi South Campus, New Delhi-110021) for supplying and installation of the system with following technical specifications:

Technical specification:

1. The quoted system should be a dual or triple block (2 x 48 x 0.2 ml. tubes or 3 x 32 x 0.2 ml.) **Gradient Thermal Cycler** with peltier heating and cooling.
2. The dual block should have independently controllable gradient capability.
3. The offered system must provide option for accommodating interchangeable blocks (96 wells & 384 wells, etc.)
4. The offered system should have a temperature range of 0-100 °C with accuracy of ± 0.2 °C.
5. Should have a maximum ramp rate of 4 deg/sec or better.
6. The quoted system should have a well to well temperature uniformity of ± 0.4 °C within 10 seconds of arrival at 90 °C and have 6 thermoelectric modules.
7. The quoted system should have a gradient range of 30-100 °C and use dynamic ramping for gradient.
8. The offered system should have adjustable heated lid along with block and calculated temperature control modes.
9. The system should provide protocol auto writer for easier programming to run a standard, fast or ultrafast protocol.
10. The system should provide high-resolution Touch Screen or Touch-pad for programming and operation. The quoted unit should have at least 6 USB ports. A branded laptop for data analysis and storage should be included with the offer.
11. The system should provide a memory of >1000 programs.

12. There should be an option to protect files with optional log-in, restricted user privileges and secured mode for controlled environment.
13. The offered system should provide automatic option for graphical or text based programming and the software should have exportable run logs and system error logs.
14. A compatible 1 KVA online UPS should be provided along with the instrument.
15. The system should offer comprehensive warranty preferably for 3 years with authentic certification from the principle company.
16. The participating vendor should be either principal manufacturer or an authorized dealer (valid document to be enclosed) of the manufacturer of the equipment with proven after sell service support and adequately trained manpower.
17. The offered system/model should be ISO 9001 & CE certified, or certified by any other internationally recognised quality management system.
- 18. Instant preparation of technical catalogue/broacher by copying the provided technical specification and its onward submission will disqualify the bidder without further communication. The offered system should be a regular and established make/model with at least 10 installations in national laboratories/universities and the technical details of the quoted system/model must be available in the certified catalogue/broacher and website (link should be provided) of the manufacturer on the prior date of publication of this tender. A user list with contact details must be included with the bid.**
- 19. If requested by the technical evaluation committee, the participating bidder must provide live technical demonstration of the offered system/model at south campus within 5 days of notice, failing to this would disqualify the vendor without any further communication.**

Accessories:

S. No.	Description	Quantity
1.	Adjustable-volume pipette set compatible with universal tips (0.1–2.5 µL, 0.5–10 µL, 2–20 µL, 10–100 µL, 20–200 µL, 100–1,000 µL) with stand	1 Set.
2.	Tips (0.1–10 µL); (2–20 µL), (20–200 µL), (100–1,000 µL)	2 Pkts. each
2.	0.2 ml PCR tubes with flat caps (Pkg of 1,000)	5 Pkts.

Important information:

- 1. The quotation should be submitted through eProcurement portal only latest by 25th July 2018, 5:30 PM. Hard copies of the tender documents will not be accepted (accept original copy of the EMD draft). Please visit <https://eprocure.gov.in/eprocure/app> for details.**

2. **A scanned copy of the bank draft with EMD amount of Rs. 10,000.00 (refundable) in favour of Director, University of Delhi South Campus, New Delhi-110021, payable at New Delhi, should be submitted along with the quotation. The original copy of the draft should be submitted to the office of the undersigned within the due date.**
3. Quotations have to be submitted in a two cover system. The first part, technical bid should consist of all technical details and signed supporting documents with clear terms and conditions. A compliance sheet must be filled by the vendor, against each point, and giving reference of the same (page number, line number) in the supporting company brochure/document. This statement must be signed, with the company seal, by the participating firm for its authenticity and acceptance that any incorrect or ambiguous information found submitted will result in disqualification of the tender without any further communication.
4. The second cover, the Financial bid should contain item-wise pricing of items mentioned in the technical bid and should include accessories as part of the main bid. Partial quote will not be accepted.
5. The quote should be valid for 90 days from due date.
6. Payment will be made by wire transfer/RTGS after satisfactory installation and demonstration of the system.

Dr. Surajit Sarkar

डा० सुरजीत सरकार / Dr. SURAJIT SARKAR
सहायक प्राध्यापक / Asst. Professor
आनुवंशिकी विभाग
Department of Genetics
दिल्ली विश्व विद्यालय दक्षिण परिसर
University of Delhi South Campus
नई दिल्ली - ११००२१ / New Delhi-110021