

PANJAB UNIVERSITY, CHANDIGARH - 160014, INDIA

DEPARTMENT OF BOTANY

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Principal Investigator



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N.I.Q.

Dear Sir,

Please quote your lowest rates in DUPLICATE, for the item given below as per the specifications. Your quotation should reach the undersigned **on or before 22.12.2017**.

PCR/Gradient Thermo Cycler):

Specifications:

- Gradient Thermal Cycler with peltier effect technology and should have instant incubation facility.
- Should have adjustable heated lid to prevent reagents from evaporating & to suit all kinds of tubes (round/flat top).
- Sample Capacity: The system should have 96x0.2ml well blocks with gradient capability and can be used with interchangeable blocks of 384 well plate for high throughput.
- Maximum Ramp Rate: - 4°C/sec to 5°C/sec with Temp. Control Range: 4°C to 100°C.
- Temp. Accuracy: +/-0.2 to 0.3°C of programmed target and Temp. Uniformity: +/-0.3°C to +/-0.4°C well to well.
- Security: Automatic restart to guarantee successful PCR cycling in the event of power interruption and should be capable of storing at least 1000 programs onboard and unlimited through USB Flash drive.
- Gradient: Gradient PCR, capable of testing minimum 8 different temperatures simultaneously across a gradient range, Gradient Accuracy: +/-0.2°C to +/-0.3°C, Row Uniformity: +/-0.5°C well to well, Gradient Range 30-100°C, Temperature Differential Range should be approx. 1-20°C.
- Should be upgradeable to five target real time PCR.
- Quality Certificate: ISO /CE (European)
- Proper Catalogue should be provided and if on demand, firm should be capable of giving demonstration at site.

The rates quoted should be **FOR Botany Department, P.U., Chandigarh. SPECIAL DISCOUNT** for educational institutions/University teaching department may be mentioned. **The technical, financial bids and EMD be enclosed in separate sealed envelopes** duly marked and placed together in a duly sealed envelope giving our reference and due date of quotation. The EMD 2% of the total cost of the equipment and DD/Traveler cheque should be made in the name of The Registrar, Panjab University, Chandigarh. The quotation should be sent to **Prof. Neera Garg, Principal Investigator, DBT Project, Department of Botany, Panjab University, Chandigarh-160014 by due date.**

Yours sincerely,

(Neera Garg)