

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 12.12.2017**.

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 quotation in a sealed envelope, giving our reference and due date of quotation, should be sent after affixing the required postage stamps to Prof. Neera Garg, Principal Investigator, DBT Project, Department of Botany, Panjab University, Chandigarh-160014**

Yours sincerely,

(Neera Garg)