

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

Enquiry Number: IITK/BSBE/AKS/NC/2014-15/13, dated: 27-04-2015

Subject: Inquiry for gradient PCR thermo-cycler and Semidry Blotting Apparatus

Opening date: April 27th, 2015 at 10:00 AM

Closing date: May 08th, 2015 at 5:00 PM

Sealed quotes (technical bid and price bid separately sealed) are invited for the above mentioned laboratory product as per the specifications given in the next page.

Your quote should mention/include the following:

- Maximum discount if any should be offered and mentioned.
- Quoted price should include the cost for installation, warranty and required accessories (see below).
- Validity of the quote at least for 90 days.
- FOB (indicating port of shipment) and CIF (New Delhi) values should be quoted separately if import is required. For quotes in INR, the price quote should be for delivery at Kanpur.
- The quote should cover insurance for transport up to Kanpur.
- Indian agency commission if applicable (should be certified by the principal if no agency commission is applicable) in case of import.
- Authorization certificate from the principal if you are a local agent.
- Terms and conditions for the payment, including the banker's name of the principal and the account number, if any, for electronic transfer.
- Include proprietary item certificate if applicable.
- Technical literature to support your product (in technical bid).
- Users' list with contact address in technical bid.

Note: Only principal manufacturers or authorized representatives are requested to send the quote along with proper certificates. The envelope should be marked as “**Quote for gradient PCR thermo-cycler and Semi-dry blot transfer**”.

Dr. Arun K Shukla
Department of Biological Sciences & Bioengineering
Indian Institute of Technology,
Kanpur 208016 (UP)

Items Required:

Item No. 01. PCR Gradient Thermo-Cycler [Quantity: 1]

Essential components and features:

- 96 well Thermal Cycler 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
- Display 5.7" VGA color intuitive touch screen
- 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 within 30sec of arrival at 90 degree centigrade.
- Input power 670 W maximum
- 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

Item No. 02. Semi-dry Blotting Apparatus (Quantity 1)

- Gel size : 24 x 16 cm
- Buffer requirements:- 200ml
- Capacity:- up to 3 large gels, 4 mini gels
- Electrode: durable platinum coated titanium anode & stainless steel cathode
- Single step locking system and spring-mounted electrodes ensure even field distribution
- Transfer in as little as 15-60 min
- Transfer DNA , RNA and protein gels

Important: Please attach a summary table to highlight the compatibility of your set-up against specific features mentioned here. Absent this table, quotations will not be considered.

Please note:

Warranty and AMC: Minimum one year warranty and additional two year AMC must be included in the quoted price. Absent this, the quotations will not be considered.

Accessories: Appropriate voltage stabilizer, UPS, Clarity solution for blotting and 15 Well combs for 1.5mm thick glass plates should also be **included** in the quotation.

The Vendors providing the quotes should have several installations in and around Kanpur and have service center at Kanpur/Lucknow area.