

**Dated : 21.10.2015**

Project Reference: - Short Rate Enquiry No. **17/SRE/TRM/Biophy/15-16**

Subject:- Short Rate Enquiry for purchasing **Agarose Gel Electrophoresis**

Dear M/s

A short rate enquiry is hereby floated/invited for purchasing **Agarose Gel Electrophoresis** required by Department of Biophysics

Technical Specification for	<b>Agarose Gel Electrophoresis</b>
Date/Time of Closure	<b>05.11.2015 3.00pm</b>
Date/Time of Opening	<b>06.11.2015 3.00pm</b>

### **Terms & Conditions**

1. The quotations should be addressed to Professor & Head, Department of Biophysics, AIIMS, Ansari Nagar, New Delhi – 110029 and sent by post/courier **by November 05, 2015 upto 3 p.m.** Quotations should be sealed in an envelope and the reference no and item must clearly be written on top of the envelop. (i.e. quotation for the **Agarose Gel Electrophoresis**).
2. The firm must be registered and having TIN NO./Registration No. (Please mentioned TIN/registration NO. on the bid) or else the quotation will be treated as cancelled.
3. Quotation should only be submitted by authorized dealers/distributors. Authorization certificate must be included with the submission of Quotation. Failure of submission of authorization certificate will render the firm ineligible. Hence the quote of such firm will not be considered.
4. Vendors should provide the product certification by one of this agency: CE/IVD certified or European Union EMC & Safety Compliance Declaration or FCC - North American EMI Verification or UL - North American Product Safety Certification or Demko or VDE - European Union Product Safety Certification.
4. The make and model of the article offered should invariably be quoted. Quotation should be typed/ written in ink overwriting or erased entries should not be there in the quotation. **The rates should be valid for at least three months.**
5. Vat /Sale tax or any other kind of (tax(s) must be mentioned separately. In case no sales tax in chargeable prices must be quoted as net price.
6. **Warranty /Guarantee:** - 1 year comprehensive warranty on site .

7. **Demonstrations:** - If it is required to demonstrate the quoted Model, the firm should get ready for demonstrations the product within one week. There will be and no request entertained for extending time for demonstrations. Failure to demonstrate their offer if requested, will be summarily rejected.
8. **Payment** will be made as per institute rules through electronically viz RTGS/NEFT after delivery, satisfactory installation of the item. The following information should be also mentioned in the invoice:
  1. Name of the beneficiary:
  2. Account No. the beneficiary:
  3. IFCS code of the bank/branch:
9. The Professor & Head of the Department reserves the right to cancel/reject full or any part of the rate enquiry which generally do not fulfill the conditions stipulated in the rate enquiry.
10. The submitted **Quotations will be opened on November 06, 2015 at 3p.m.** in Room No. 15, Department of Biophysics Ground floor , AIIMS , Ansari Nagar, New Delhi – 110029

**Dr. Punit Kaur**

## **SPECIFICATION FOR AGAROSE GEL ELECTROPHORESIS SYSTEM WITH POWER PACK**

**Approximate cost: 2.00 lac**

### **For electrophoresis apparatus**

- Should have Cell size (W x L x H) 17.8 x 25.5 x 6.8 cm, and 9.2 x 25.5 x 5.6 cm
- Gel tray sizes (OD) (W x L) Should be 15 x 7 cm, 15 x 10 cm, 7 x 7 cm, 7 x 10 cm
- Should have Ready agarose gels accommodated for wide mini and 96 Plus formats, 8-, 12-, 2 x 8-well
- Should have Sample throughput around 10–60
- Should have Base buffer volume approximately ~650 ml
- Should not have Buffer recirculation
- Should have Bromophenol blue migration ~4.5 cm/hr (at 75 V)

### **For power pack**

- Should be suitable for running horizontal and vertical electrophoresis applications.
- Should have control of constant voltage output as well as constant current output.
- Output current should be in the range 10–300 V, fully adjustable in 1 V steps 4–400 mA, fully adjustable in 1 mA steps 75 W (maximum) and timer; 1 min–99 hr 59 min, fully adjustable and crossover Output terminals 4 pair recessed banana jacks in parallel
- Manual programming of voltage, current, temporary changes to power and time parameter can be made in the power pack without interrupting the run.
- 4 or more frequently used programme should be stored in the system of power pack.
- Should include Safety compliance No-load detection; rapid resistance change detection, ground leak detection, overload/short circuit detection, overvoltage protection, over-temperature protection Input protection Fuse on hot and neutral
- Should be suitable to operate at 220 to 230 V AC, 50 to 60 Hz.
- Should have UV torch with dual Wavelength (365 and 254 nm) for gel viewing and gel rocker for gel staining
- One year comprehensive warranty for the whole system.
- Certification: ISO or equivalent
- Vendor should have service center in Delhi/NCR