

**Dated : 21.10.2015**

Project Reference: - Short Rate Enquiry No. **13/SRE/MSP/Biophy/15-16**

Subject:- Short Rate Enquiry for purchasing **Media Sample preparation equipments**  
Dear M/s

A short rate enquiry is hereby floated/invited for purchasing **Media Sample preparation equipments** required by Department of Biophysics

Technical Specification for **Media Sample preparation equipments**

Date/Time of Closure **05.11.2015 3.00pm**

Date/Time of Opening **06.11.2015 3.00pm**

**Media Sample preparation equipments** (Approx 2 lakhs)

<b>A</b>	<b><u>Weighing balance</u></b>
1.	It should have capacity of weighing in range: 0.1 gm to 3000 gm.
2.	The stainless steel pan size should be in range : 16 to 18 cm in diameter
3.	It should have minimum 5 year warranty.
4.	Glass bottles for media storage 250ml (10nos), 500ml (10 nos), 1L (10 nos), 2L (10nos) should be provided
5.	Measuring cylinders 100ml (10 nos), 250ml(5 nos), 500ml (5nos), 1L (5 nos), 2L (2nos) should be provided.
6.	Glass and plastic beakers: 100ml (5+5), 250ml (5+5), 500ml (5+5), 1L (3+3) should be provided.
7.	Glass flask: 100ml (5), 250ml (5), 500ml (5), 1L (5) should be provided.
<b>B</b>	<b><u>Magnetic stirrer</u></b>
1.	Magnetic Stirrer should have speed control range 0-3000 RPM
2.	Working plate should be in range size between 34×32 cm to 36 x 38 cm
3.	Overall dimensions should be in range 36×32×5 cm to 38×38×10 cm
4.	Stirring volume from 4 litres to 5 litres.
5.	The magnet stirrer should be provided with stand for holding the
6.	Working surface material should be stainless steel
7.	Magnetic stirring element space should be minimum of 50 mm to Max. length (bar) 60 mm
8.	Stirring liquid viscosity should be in range between 1150 mPs. to 1170 mPa.s
9.	Minimum continuous operation time should be 10hrs and 12 hrs Maximum
10	Operation in closed laboratory rooms temperature from +4°C to +40°C
11	Working plate size range 110×110 mm to 120 x 120 mm
12	Overall dimensions should be in range 120×150×65 mm to 140×150×75 mm
13	Weight 4 to 5 kg
14	Input current/power consumption 12 V with external power supply Input AC 100–240 V, 50/60 Hz with output DC 12 V.
15	Polygon magnetic stirrer bars of sizes 6x10mm (5nos), 8x14mm (10nos), 8x50 (10nos), 8x60mm (10nos) should be provided.

16	One Magnet retriever should be provided
17	Two year warranty should be provided
18	Should be CE/IVD certified
<b>C</b>	<b><u>Vortex</u></b>
1.	Vortex should have speed control between range 500-3000 RPM
2.	Acceleration time should be between 3 to 5 s
3.	Mixing module for tubes from 1.5 to 50 ml
4.	Maximum mixing volume 50 ml
5.	Orbit 2 mm
6.	Overall dimensions range 120x180x100 mm to 140x200x100 mm
7.	Weight should be in range 2 to 4 kg
8.	Input current/power consumption 12 V, 320 mA / 3.8 W
9.	External power supply Input AC 100–240 V; 50/60 Hz; Output DC 12 V
10	Two year warranty should be provided
11	Should be CE/IVD certified
<b>D</b>	<b><u>Water bath for cell preparation</u></b>
1.	Water bath should have temperature setting range +25°C to +100°C
2.	It should have temperature control range 5°C above ambient temperature +100°C
3.	Temperature setting resolution 0.1°C
4.	Temperature stability ±0.1°C
5.	Temperature uniformity at +37°C ±0.1°C
6.	It should have in built magnetic stirrer with speed control range 250–1,000 rpm
7.	Digital time setting 1 min–96 hrs / non–stop (increment 1 min)
8.	Display LCD, 2 x 16 signs
9.	Digital setting of temperature, time and mixing speed
10	Plastic lid with stainless steel interior included
11	Quiet operation
12	Water capacity 4 litres
13	Water bath working volume 235x135x110 mm
14	Overall dimensions 340x270x250 mm
15	Weight 3.4 kg
16	It should have operating voltage 230 V, 50/60 Hz or 120 V, 50/60 Hz
17	Power consumption 230 V, 50 Hz
18	Thermometer need to be provided along with thermostat water bath
19	Two year warranty should be provided.
20	Should be CE/IVD certified.

The firm should quote for all the four items (A , B, C & D). The firm quoting for a single item out of the four (A, B, C or D) will be rejected.

## 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 September 30, 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 **Media Sample preparation equipments**).
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:** - 2 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 October 1, 2015 at 3p.m.** in Room No. 15, Department of Biophysics Ground floor , AIIMS , Ansari Nagar, New Delhi – 110029

**Dr. Punit Kaur**