



GOVERNMENT OF WEST BENGAL  
OFFICE OF THE DIRECTOR  
INSTITUTE OF POST GRADUATE MEDICAL EDUCATION & RESEARCH  
244, A.J.C BOSE ROAD, KOLKATA- 700020

Memo No./Inst/ 11680

Dated: 18/11/19


NOTICE

Sealed quotations are invited from bonafide/interested firms with superscription "Quotation for project 'Establishment of Multidisciplinary Research Unit' (MRU) at IPGMER. Ref: V.25011/103/2016-HR. The quotation should reach the office of the undersigned by 1/2/19.....at 2 pm. The quotation should accompany with current valid trade License, PAN No., GST Registration Certificate proof.

Acceptance of the lowest rate is not obligatory for the undersigned that reserves the right to accept or reject any offer without assigning any reason whatsoever. Rate must be submitted with company name & cat no. after calculating GST or other Taxes, if any according to the following format. As per letter of Principal Investigator of the project these items need to be purchased as per specifications mentioned, the quotation is placed herewith. The quotation may be opened on or after 2/2/19..... onward, bonafide/interested firm's representative may contact Store In-charge (Projects).

Sl No:	Item	Quantity
1	Incubator with shakers (digital display)	1
2	Water bath (Digital)	1

Enclosures: List of equipments with Specifications

  
18/11/19  
Director  
I. P. G. M. E&R.  
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Director,  
IPGMER, Kolkata

**1. Incubator with shaker (digital display)**

<b>Capacity</b>	Should have a maximum capacity of 18 x 18" with universal platform of 4 x 2.8 litres
<b>Shaking Speed</b>	Shaking speed should be at least 50-400 rpm with 1" dia orbit
<b>Shaking Time</b>	Timer 0.1 to 99.9 hrs along with shut down at end of period
<b>Shaking Accuracy</b>	Shaking control accuracy should be at least $\pm 2$ rpm
<b>Temperature &amp; Speed Calibration</b>	Calibration of temperature and speed via keypad
<b>Temperature</b>	Temperature range should be around 7° C to 60° C.
<b>Display</b>	Full digital display
<b>Power</b>	Power requirement should be approx. 1300 watt. Shaker should possess the ability of set point retention and automatic restart after power is restored.
<b>User Safety</b>	Safety of user should be to stop if accidentally lid is opened.
<b>Technology &amp; Software</b>	Should possess heavy duty microprocessor control, counterbalanced UniCentric Drive and RS232 for data logging.
<b>Additional Requirements</b>	Kydex inner liner. Clamps for flasks larger than 1 liter should be supplied with extra girdle for increased flask stability. Visual Alarm for speed deviation of 5 rpm and temperature more than 1 degree should be provided.
<b>Installations</b>	Should be from a reputed manufacturer; Proven credibility of the company to provide after sales in India at-least 20 installations in India and minimum 4-6 in Eastern India. 2 year warranty. Easy availability of engineer.

**2. Water bath (digital):**

<b>Racks</b>	Double walled, inner made of SS sheet & outer of MS sheet
<b>Heating</b>	Should have strip type heaters & 2" thick fibre glass wool insulation
<b>Temperature range</b>	Should be from Water Temp. / Ambient to 100°C, +/-0.5°C
<b>Digital indicator</b>	Should be controlled by a Digital Indicator cum Controller with Lid & Trays
<b>Installations</b>	Should be from a reputed manufacturer; Proven credibility of the company to provide after sales in India at-least 20 installations in India and minimum 4-6 in Eastern India. 2 year warranty. Easy availability of engineer.

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