



## WEST BENGAL STATE UNIVERSITY

Brunanpukuria, Malikapur, Barasat, 24 Parganas (N),  
Kolkata 700126

Ph: 91-33-2524-1975 / 1976/ 1977 / 1978 / 1979

Fax: 91-33-2524-1977.

Ref:.....

Date: 06/09/2011

### Sealed Quotations are invited as per the technical specifications for the following instruments

Last date of submission: 16.09.2011, 5.00 pm  
Opening of the quotations: 19.09.2011, 3.00 pm

1. Final selection will be done on the basis of both quality and indexed price
2. Service of the instrument providers will be considered seriously.
3. Submit your quotations as per the Cluster no. given in the following advertisement.
4. Strictly mention the Cluster no. on the top of the sealed envelopes.
5. Quotations must be addressed to The Registrar, WBSU (Kind attention: Chiranjib Pal, Department of Zoology) and need to be submitted to Dr. Chiranjib Pal, Department of Zoology, WBSU.

Item No.	Technical Specification for the Instruments	Remark
Cluster A No. 1	<b>DIGITAL PH METER (Branded)</b> <ul style="list-style-type: none"><li>* High degree of accuracy 0.01pH</li><li>* Error indication for buffers &amp; slope</li><li>* Auto/Man. temp. compensation</li><li>* High input impedance</li><li>* Auto polarity &amp; decimal</li><li>* Compact &amp; light weight</li><li>* Displays pH/mV/temp.</li><li>* Soft touch keys for operation</li><li>* Optional printer interfacing</li></ul> Technical Specifications : pH Mode :- <ul style="list-style-type: none"><li>- Range : 0.00 to 14.00 pH</li><li>-Resolution : 0.01 pH</li><li>-Accuracy : 0.01 pH <math>\pm</math> 1 digit</li></ul> mV Mode :- <ul style="list-style-type: none"><li>- Range : 0 to <math>\pm</math> 1999 mV</li><li>-Resolution : <math>\pm</math>1 mV</li><li>-Accuracy : 1 mV <math>\pm</math> 1 digit</li><li>- Input Impedance : <math>10^{12}</math> ohms</li><li>- Buffer Calibration : 7.00 pH, 4.00 pH and 9.20 pH</li><li>-Temp. range : 0-100°C with continuous digital display</li></ul>	<b>Package offer will be strictly preferred for Cluster A (instrument no.1, 2 &amp; 3)</b>

	<p>-Resolution : 1.0°C          -Temp. compensation : Automatic &amp; Manual          -Display : 16 character x 2 lines liquid crystal display          -Polarity &amp; Decimal : Automatic          -Supply : 220V AC ± 10%, 50Hz          -Dimension : 180mm x 130mm          -Weight : 750gm. in Plastic Cabinet          -Optional : Printer Interface (Extra Charges)          Combination pH electrode (gel filled unbreakable type)          Temp. probe</p>	
<b>Cluster A No. 2</b>	<p><b>WATER BATH WITH SHAKER – SEROLOGICAL (Branded)</b>          2 Racks - Double walled, inner made of SS sheet &amp; outer of MS sheet.          Heating is done by strip type heaters &amp; 2" thick fibre glass wool insulation is provided. Temp. range shall be from Water Temp. / Ambient to 100°C, +/-0.5°C, controlled by a Digital Indicator cum Controller with 3 Heat rotary switches with Lid &amp; Trays. Operated on 220V A.C. Mains. Complete with Powder Coating Paint Finished.          Complete with Powder coating Paint Finished          Complete with Digital Shaker, Size : 250 ml. x4</p>	
<b>Cluster A No. 3</b>	<p><b>UPRIGHT SHOWCASE COOLER (BRANDED)- ACCESSORY</b>          Capacity (litres) : 400          Dimensions HxWxD (inches) : 66.7x20.7x20.7          Temp. Range : 1 °c to 10° c          Wheels : Yes          Lock : Yes          Defrost : NA          Rated Load Wattage : 210          No. of Baskets /shelves : 3          No. of Lids doors : 1</p>	
<b>Cluster B</b>	<p><b><u>Variable pipette (foreign/ branded)</u></b>          i) Multichannel variable – 10 µl to 100 µl (partly autoclavable).          ii) Single channel variable – 10 µl to 100 µl (partly autoclavable).</p>	<p><b><u>Package offer will be strictly preferred for Cluster B (instrument no.1 &amp; 2)</u></b></p>
<b>Cluster C</b>	<p><b><u>Microprocessor Research Centrifuges with Swing out 96 well plate rotor head (2 × Micro litre) (Branded)</u></b>          Step less speed regulator with zero start interlock          Digital speed indicator          Dynamic brake          0-99 minutes digital countdown timer          Imbalance detector with cutoff          Safety lid interlock to prevent cover opening during centrifugation</p>	<p><b><u>Separate offer will be strictly preferred for Cluster C</u></b></p>

A. Talapatra

Registrar  
 West Bengal State University  
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