



(N.I.T no. JB/Biotech lab instrument /17-18/34 dated 07.02.2018)

**JAGADIS BOSE NATIONAL SCIENCE TALENT SEARCH**  
**1300, RAJDANGA MAIN ROAD**  
**KOLKATA - 700107**  
**Tel. : 2442 8270, 24417542**

**NOTICE INVITING TENDER**

Sealed quotations are invited from reputed vendors / suppliers for supplying the following instruments at our office at 1300, Rajdanga Main Road, Kolkata – 700107. Details are as under

Sr. no.	Item Name	No. of Units to be purchased	Specification
1.	Hot & Cold Circulating Water Bath	1 (one)	As per <u>Annexure 1</u>

Other terms and conditions:

- 1. Delivery:** Free of cost at our office at 1300, Rajdanga Main Road, Kolkata - 700107
- 2. Installation:** Free of cost by authorized technician of the company only
- 3. Delivery period:** Within 15 days of the purchase order
- 4. Payment** – Payment shall be made by a/c payee cheque only after successful installation of the machine at our office. All legal deductions shall be made before the final payment
- Bidders are required to mention the brand and model name of the instrument / s clearly in the bid documents.
- Bidders are required to submit unit price inclusive of all taxes and charges like transportation, supervision, mobilization of materials / manpower etc. No extra payment shall be admissible for any reason whatsoever
- Quotations along with a copy of GSTIN regn / trade license / PAN should be submitted in an sealed envelope addressed to “**The Director, Jagadis Bose National Science Talent Search, 1300, Rajdanga Main Road, Kolkata – 700107** at our office at 1300, Rajdanga Main Road, Kolkata – 700107 at any time before the time of closing of the tender.

The last date of submitting quotations is **19.02.2018 upto 12.00 PM (IST)**. The quotations will be opened at **03.00 PM (IST) on 19.02.2018** at our office. Interested parties may remain present at the time of opening quotation.

For further details contact:

Asst. Director (Admin)  
Phone: 033- 24417542,

**List of technical specification:**

<p><u>Annexure 1</u></p>	<p><b>Technical specification of Hot &amp; Cold Circulating Water Bath</b></p> <p><b>Temperature control range</b> : - 30 °C to 95 °C at 10 °C  <b>Temperature control accuracy</b> : ± 0.1 °C  <b>Cooling capacity</b> : 160W(137 kcal/h)  <b>Circulation</b> : Max. 9.3/11L/min., Min 4.3/6.3  <b>Temperature control method</b> : Microprocessor controlled PID  <b>External output signal availability</b> : RS232, External temp. Sensor connector, USB Connector for recording, Alarm output connector  <b>Recording range</b> : DC 1~ 4V (-40 ~ 110 °C)  <b>Heater wattage</b> : 500W, SUS 316  <b>Refrigerant and coolant</b> : Air Cooling, 300W, R507A  <b>Parameter display/setting</b> : Digital LED  <b>Safety features</b> : Self-diagnosis (Heater fault, sensor fault, upper/lower temperature limit alarm, low water cut out independent over heat protector, refrigeration over load trip, high pressure cut-out, mains overload/leakage breaker  <b>Aux. function</b> : Auto start/stop with 0-99 h 59 min. timer, auto tuning, offset, External sensor input  <b>Temperature Sensor</b> : Thermistor  <b>Bath dimension</b> : 140W x 260D x 150H mm, 4L  <b>Bath cover</b> : Should be included with main Unit  <b>Warranty</b> : Minimum one Year warranty with all spares and service at site.</p>
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For technical query please contact:  
 Dr. Arnab Pramanik  
 Scientific Staff  
 Contact No. 033 - 24428270