

UNIVERSITY COLLEGES OF SCIENCE AND TECHNOLOGY
DEPARTMENT OF CHEMISTRY

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92, ACHARYA PRAFULLA CHANDRA ROAD
CALCUTTA-700009, INDIA

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QUOTATION NOTICE

No.: CU/CHEM/DST-NG/Equip/Chiller/2017-18/3

Dated: 25.01.2018

Quotations are invited from authorized parties for the supply of one "Recirculating Chiller" for the operation of DST-SERB sponsored project under Prof. Nikhil Guchhait (PI). Specifications of the items are given below. Suppliers are hereby requested to submit their quotations along with proper documents (Current trade licence, Service Tax registration certificate, PAN No., copy of registration certificate with statutory authorities and other credentials) in a sealed envelope addressed to the PI of the project on or before 05.02.2018. The price should be inclusive of relevant taxes/charges, showing break-up. Warranty, on-site service/support should be mentioned clearly. The authority reserves the right to accept/reject any quotation without showing any reason thereof.

Note: - Parties must mention make & model no. of the equipment offered by them with detailed specification. Also provide a list of Indian users with similar type of specification.

Nikhil Guchhait
25.01.18
Prof. Nikhil Guchhait (PI)
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Dr. Nikhil Guchhait
Department of Chemistry
Calcutta University

Chhanda Mukhopadhyay
25.01.2018
Member
(Departmental Purchase
Committee)

Prof. CHHANDA MUKHOPADHYAY
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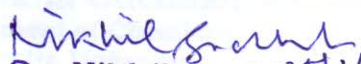
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25/01/2018
Prof. A. R. Das
Head
Department of Chemistry
University of Calcutta
92, A. P. C. Road
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Prof. Asish Ranjan Das
Head, Department of Chemistry
University of Calcutta

Specification of the Instrument

Name of the Items: **Recirculating Chiller**

Items No.	Particulars/ Items	Description of items	Quantity required or quote
1.	Recirculating Chiller	Table top type Constant Temperature Water Bath with Magnetic Stirrer i) Tank Volume: ≥ 3 L ii) Heater: 250W or more iii) Ambient temperature: 5°C to 25°C iv) Rotational speed range: 100 ~ 800 rpm with Digital RPM meter. v) Stirring speed: Speed control motor ~12W vi) Cooling systems: Temperature range: -80°C to 0°C, Sensitivity $\pm 1^{\circ}\text{C}$. (Room temperature 25°C, Resolution 0.1°C); Coolant: R404A and R508B (CFC free) vii) Temperature display and controller: Fast Response Pt- 100 type sensor; Microprocessor PID based Digital temperature-indicator-cum-controller (continuous operation mode); Double digital display with set value and process value. viii) Safety features: Heater over heating protector, Chiller over pressure protector & overload relay. ix) Operating Voltage: 220/230 Volts$\pm 10\%$, 50 C/S $\pm 5\%$, Single Phase AC supply. Onsite training and installation through qualified engineer should be provided free of cost. x) Warranty: Comprehensive at least one year free warranty. xi) Free installation.	1


Dr. Nikhil Guchhait
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