

UNIVERSITY COLLEGES OF SCIENCE AND TECHNOLOGY
DEPARTMENT OF CHEMISTRY

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CALCUTTA-700009, INDIA

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QUOTATION NOTICE

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

Dated: 22.02.2018

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 6.03.2018. 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
22.2.18
Prof. Nikhil Guchhait (PI)
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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: [Outer dimension: Height 53cm X wide 28cm X depth 43cm (approx.)] Temp. Range: -10 °C to ambient, Sensitivity ± 1 °C (Room Temp. 25 °C) Working Temperature: -10 °C to 18 °C Sensitivity better $\pm 1\%$ (Room temperature 25 °C) Temperature Controller: Microprocessor PID based digital temperature indicator-cum-controller Temperature Display: Double digital display with set value and process value Temperature Resolution: 0.1 °C Coolant: R134A, CFC free Pump Capacity: 3lit/min at 0.6 bar Power Consumption: ~2 amp. Cooling Capacity: 1538 watt, 5250BTU/hr. 1064Kcal/Hr at 7.2 °C Compressor make: Emerson Copeland (Kirloskar) - preferable Insulation: High density CFC free polyurethane Foam Tank Volume: 4.5 litres (approx.) Coolent: Glycol & water mixture Power requirement: 220/230Volts$\pm 10\%$. 50C/S$\pm 5\%$, Single phase AC supply Warranty: Two years Installation: Free of charge	1


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