



**OFFICE OF THE REGISTRAR
DIBRUGARH UNIVERSITY**
Dibrugarh | PIN - 786 004 | Assam

No. : DU/RP/PMC/2019/1020

Date : 24/01/2020

Notice Inviting Quotation

Sealed quotations are invited from intending suppliers / firms for supply of the following Instruments as per the detailed configuration and specification given in Annexure I & II respectively. The quotations will be received by the undersigned on or before 3.12/ 2020 upto 11.30 a.m. The same will be opened on such date to be informed later on, in presence of the intending bidders or their authorized agents.

- A. **Magnetic stirrer with heating, Ceramic plate.**
- B. **Electronic Semimicro Balance.**

Terms and Conditions :

01. No separate quotation paper will be issued from the Office. Quotations should be submitted in the Suppliers' Letter Pad with all relevant supporting documents.
02. The University reserves the right to accept or reject any of all the quotations without assigning any reason.
03. Payments shall be made after successful installation and completion of the job.
04. The quotations should be addressed to the **Registrar, Dibrugarh University, Dibrugarh-786004**, super scribing the Quotation Notice Number on the envelope.
05. The Bidder must clearly indicate the rate of taxes / GST (if any) in their quotations.
06. The Shortlisted firm must physically visit and inspect the site of installation prior to supply of the Materials.
07. The University shall retain 10% of total bill value as security deposit money for one year if required.
08. The Bidders have to furnish 02% EMD on total bid value along with the Bid/s.
09. Any other charges like Fitting charges, Transportation charges etc. must be clearly indicated on the quotation.

H. S. Majumdar
24.1.2020
Registrar
Dibrugarh University

Copy to :

01. The Deputy Registrar (F&A), Dibrugarh University, for information.
02. Notice Boards.
- ✓ 03. The Programmer, Dibrugarh University, for uploading the NIQ along with all relevant enclosures in the University website.
04. Office file.
05. **Dr. Bhaskar Majumdar, Dept. of Pharm Sc., D.U.**

H. S. Majumdar
24.1.2020
Registrar
Dibrugarh University

Specification for Magnetic Stirrer hotplate

- Magnetic stirrer with heating and ceramic heating plate with plate dimensions [mm] 180 x 180
- Powerful motor for stirring quantities of up to 10 Liters (H₂O) or better
- Heating temperature range [°C] 50 – 500 with heating rate heating plate [K/min] 5 or better
- Fixed safety circuit of 550 °C with hot Top indicator for hot surface warning to prevent burns.
- Exact temperature setting via digital LED display with digital error code display
- Elevated control panel for protection against leaking liquids or chemicals.
- Motor rating output [W] 1.5 and Direction of rotation left.
- Speed control scale 0 – 6 with speed range [rpm] 100 – 1500 or better
- Stirring bar length max: 80 mm or better
- Heat output 1000 Watt
- Connection for ext. temperature sensor
- Protection class according to DIN EN 60529 IP 21 or equivalent
- Voltage [V] 230, Frequency [Hz] 50/60, Power input [W] 1020
- Warranty: minimum 3 years.

Accessories should include in supply:

- **External Temperature Sensor:** Electronic contact thermometer with 3 operating modes. Which Ensures perfect temperature control without overshooting the set temperature? Temperature measuring range min. -50°C max. 450°C with measurement resolution 0.1K or better
- **Support Rod :** Diameter: 10 mm, Length: 450 mm, Material: stainless steel (AISI 304)
- **Holding Rod :** For fastening a temperature sensor
- **Boss Head:** For fastening the holding rod Clamping range - stand: 10 - 11 mm, Clamping range - extension, arm: 11 mm, Material: cast aluminum



by
20.01.2022

PROF. BHASKAR MASUMDER
Dept. of Pharmaceutical Sciences
Dibrugarh University, Assam-786004

SPECIFICATION OF ANALYTICAL BALANCE:

Digital Analytical Semi micro balance

Capacity—51g/220g

Weighing Pan=90mm

Readability—0.01mg/0.1mg

Repeatability—0.02mg/ 0.1mg

Linearity-- $\pm 0.03\text{mg}/\pm 0.2\text{mg}$

Operating Temp. -5 to 40 deg C, 85%RH

Display—LCD

Auto “Power On” Function (Without having to press the ON/OFF key)

Display Refresh Rate: 5 times/sec or 10times/sec

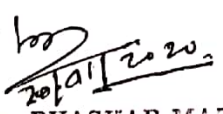
Automatic Self Calibration

One Touch Automatic Calibration

Standard Serial I/F: RS-232C interface with Windows Communication Tools (WinCT included as CD-ROM and tab)

Data Memory Function with min. 100 PCS weighing with date and time & 50 PCS Calibration history data; Weighing intervals of 2, 5, 10, 30 seconds and 1, 2, 5, 10 minutes in the Data Memory Function. The ID number should be maintained once it is fixed, even when the AC adapter is removed.

Easy-to-use optional USB interface, with no driver installation necessary, for transfer of weighing data to a computer (applicable OS – Windows 98 OSR2 or later)


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