



DEPARTMENT OF BIOTECHNOLOGY
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Date: 24.07.2019

Ref: BT/SS/2019/008/SPL

Dt. 24.07.19

Due Dt. 13.08.19

1. Quotations are invited in duplicate for the various items shown below/overleaf/ enclosed list.
2. The quotations duly sealed and super scribed on the envelope with the reference No. and due date, should be addressed to the undersigned so as to reach him on or before the due date stipulated above.
3. The quotations should be valid for sixty days from the due date and the period of delivery required should also be clearly indicated.
4. If the item is under DGS & D Rate Contract, Rate Contract Number and the price must be mentioned. It may also please be indicated whether the supply can be made direct to us at the rate contract price. If so, please send copy of the R.C. (Please note that we are not Direct Demanding Officers).
5. Relevant literature pertaining to the items quoted with full specifications (and drawing, if any) should be sent along with the Quotations, wherever applicable. Samples if called for should be submitted free of charges and collected back at the supplier's expenses.
6. **Local Firms:** Quotations should be for free delivery to this Institute. If quotations are for Ex-Godown, delivery charges should be indicated separately.
7. **Firms outside Chennai:** Quotations should be for F.O.R Chennai. If F.O.R. Consigner stationer freight charges by passenger train/lorry transport must be indicated. If Ex-Godown, Packing, forwarding and freight charges must be indicated.
8. The rates of Sales/General Taxes and the percentage of such other taxes legally leviable and intended to be claimed should be distinctly shown along with the price quoted. Where this is not done, no claim for Sales/General Taxes will be admitted at any stage and on any ground whatsoever. **The taxes leviable should take into consideration that we are entitled to have concessional sales tax applicable to non-government educational institutions run with no profit motive for which a Concession. Sales tax certificates will be issued at the time of final settlement of the bill.**
9. Goods should be supplied carriage paid and insured.
10. Goods shall not be supplied without an official supply order.
11. **Payment:** Every attempt will be made to make payment within 30 days from the date of receipt of bill/acceptance of goods, whichever is later.

Specification Details Rotavapor

- **Vertical Condenser** Normal GLASS assembly Drive Unit
- **Hand lift**
- **Measurable Range 0 -1033 KPa**
- **RPM 20-280 RPM**
- **Flask Sizes** Uses from 50ml...**4000 ml Capacity**
- 1 liter evaporating flask NS 24/40 and 1 liter receiving flask
- **Foot Print 0.14m³**
- **Inbuilt Multifunctional Combi-Clip for Evaporation Flask fixation and removal & vapor duct release**

Heating Bath

- **Digital Display**
- Heating bath temperature range of 30...95°C
- Digital temperature display allows adjusting set temperature and indicates actual temperature
- Heating Power 1300W

Vacuum Controller

- Vacuum Digital controller to control the vacuum pump & Chiller in on/off mode.
- Two operating modes (manual, timer),
- Measuring Range : 1400 – 1mbar
- Control range : 1100 – 1 mbar
- Measuring Accuracy : +2mbar (+) – after calibration at constant temperature
- Along with woulff bottle

Vacuum Pump

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- **Final vacuum: 10 mbar (±2 mbar).**
- Flow rate : 1.5 m³/h.
- Eco friendly pump to save energy like pressure and Electricity
- Economical and chemically resistant vacuum pump with a space saving design
- Covers the essential needs in vacuum generation and it is optimally suited to work with the Rotavapor.
- Regulated brushless DC pump with

Recirculation Chiller

- fix 10°C, 400W
- Ecological recirculating chiller.
- Cooling capacity: 400 W at 10 °C.
- Fix temperature: 10 °C.

All tenders are invited in Two Bid System: Separate Technical and Financial Bids