



DEPARTMENT OF BIOTECHNOLOGY
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Date: 24.06.2019

Ref: BT/GUHA/2019/003/SPL

Dt. 24.06.19

Due Dt. 15.07.19

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.

Specifications For High Pressure Homogenizer

Should process 40-115mls per minute (dependent on pressure), Ideal for samples between 20mls to 200mls

FLOW RATE: Depends on power rating and maximum pressure rating. Max Pressure Rating PSI/BAR

Incorporates unique disruption head, precise hydraulic operating and control system with an automatically supplied, continuous flow Cell Disrupter

Disruption pressure easily and accurately set and displayed digitally

Touch screen control of disruption cycle, automatic shut down when process complete

Cell Disrupter controls peristaltic process pump for automatic supply of sample.

Disruption head mounted in stainless steel tray to avoid spillage

Partial containment and simple externally controlled CIP

Internal relief valve fitted for reverse flow of cleaning fluids

Materials in contact with sample, 316L stainless steel or equivalent, synthetic sapphire, EPDM, GLFPTFE & PEEK 450G

Temperature Control: Disruption head is surrounded by unique cooling jacket. Bath circulator or chiller is recommended with a flow rate of 1L/min (0.75kW). Bath circulator/chiller available upon request.

Others:

- Regulatory compliance: CE

- Should have international supply and service

- Should have supplied to IIT Madras before or give a reference from a reputed lab in Chennai

- Should have service in Chennai

- Two Bid System: Separate technical and financial bids