

Ref: C-CAMP/L-052/2022-23 (C)

August 25, 2022

ENQUIRY

Dear Sirs,

Please let us have your lowest quotation for the following:

Sl.No	Item/s description	Qty.
1	<p><b><u>Specifications for Autoclavable Benchtop Fermenter</u></b></p> <ul style="list-style-type: none"> <li>The system should be a compact benchtop fermenter, double walled glass vessel</li> <li>Operating mode should be batch, fed-batch and continuous processes</li> <li>Vessel volume: Total volume 5 litres, Working volume should be: 0.7 – 6.7L</li> <li>Ports: The Vessel should have a more than 10 head plate ports including ports for DO probe, temperature probe, pHprobe and exhaust condenser. 4 way addition port for addition of acid, base, antifoam and feed</li> <li>Controller: System should consist of touch screen controller with integrated easy to use software which provides calibration management, diagrammatic overview and complete documentation of the process. The software should display all process and set point values and should have provision for profile, cascade, manual operation</li> <li>Temperature: Range and control: 5°C to 80°C, displayed in 0.1°C increments.</li> <li>Agitation: System should have direct drive with the speed range of 1 – 1500 rpm and supplied with two six bladed ruston turbine impeller (2x). The drive should be capable of clockwise and counter clockwise rotation. Device should have an option to perform efficient and fast mixing. System should be supplied with baffle assembly</li> <li>Exhaust: Stainless steel exhaust condenser with appropriate filters to be provided</li> <li>Aeration: Mass flow controller: System should have built in mass flow controller for 4 separate gas lines like N<sub>2</sub>, O<sub>2</sub>, air and CO<sub>2</sub> to achieve continuous and high flow rates</li> <li>Gas inlet: Ring sparger to be provided with filters 0.2u absolute filters</li> <li>Sensors: System should be supplied with sensors for pH, DO, filling level, foam and temperature.</li> <li>Pumps : System should have four inbuilt pumps which have adjustable speed and direction. System should additionally have a provision to accommodate more variable speed drive pumps in the future as option.</li> <li>Data capture: Device should have different connectivity option like USB, ethernet and RS232 and should have inbuilt data storage.</li> <li>Error display: Device should have LED display indicator for error status.</li> <li>System should have all components along with all required compatible accessories to operate it.</li> <li>Regulatory compliance: The System should be CE/ISO Approved</li> <li>Appropriate water circulator/chiller should be provided along with the system</li> <li>Consumables and spares for 5 years should be included and supplied.</li> <li>Installation references should be provided</li> <li>The system should be supplied with 5-year warranty as a part of the offer.</li> <li>The service provider should be based in Bangalore. Office address and service Engineer contact details should be enclosed with the offer</li> </ul>	01

Note:

1. The quotation shall be submitted in a sealed envelope duly superscribed with the enquiry number, and the due date for ..... Ref No:..... The bids should be addressed and to be couriered (sent by post/courier) to 'THE HEAD-PURCHASE'.

The bids are liable to be rejected if the sealed envelope is not addressed to "THE HEAD-PURCHASE" with Tender Ref No. and Item Description and due date. The bids delivered in person shall be dropped in Purchase Section. If the bids are sent through courier or mail, it should reach by submission date and time and CCAMP/NCBS will not be responsible for the delay.

2. DUE DATE FOR SUBMISSION OF QUOTATION AGAINST THIS ENQUIRY IS 14/09/2022 BY 5.30PM.

3. QUOTATIONS RECEIVED AFTER THE DUE DATE SHALL BE REJECTED.

4. The validity of your quotation should be for 60 days from the due date.

5. All duties, taxes, surcharge and cess as currently applicable must be stated in your quotation, separately. Otherwise your quote is liable to be rejected.

6. Your quotation should indicate delivery period & warranty period.

7. Delivery to be made to our stores. Please indicate charges, if any extra. Transit Insurance should be done upto CCAMP Stores.

8. If you are unable to supply the quality, specifications or brand as mentioned in our enquiry, please state so and then offer alternative to quality/specifications.

9. Payment: 90% of the payment shall be made only after completion of entire order at site, subject to acceptance by the group head through SAI and all other relevant documents at site. The balance 10% will be released subject to receipt of PBG for 3% order value and installation. All claims shall cease as per the Limitation Act.

In case of Imported, 90% payment shall be made through Sightdraft on presentation of complete and clear shipping documents and balance 10% of the amount shall be released after the receipt, installation, commissioning and acceptance of the equipment, against submission of 3% PBG.

10. The successful bidder shall have to execute a performance B/G in accordance with the guarantee/warranty for 3% value of the order. This B/G has to be executed on an appropriate value of stamp paper in terms of a bank guarantee drawn on any Nationalised Bank or first class Foreign Bank and shall remain valid till the completion of the Defect Liability period/warranty period, with 6 months claim period.

11. Please ensure that the enquiry number and the due date is superscribed on the envelope failing which your quotation is liable to be rejected.

12. If the item is covered under DGS&D rate contract, please quote the rate as per the DGS&D rate contract with xerox copy of the DGS&D order.

13. Any dispute or differences that may arise between the parties shall be referred to the sole arbitration of the Centre Director or his nominees. The decision of the arbitrator shall be final and binding on the parties. The venue for arbitration shall be Bangalore. The provisions of the Arbitration and Conciliation Act, 1996 as amended from time to time shall apply. The courts in Bangalore shall have exclusive jurisdiction to deal with any or all disputes between the parties

14. Since we are a research institution, we are exempted from paying Customs duty (Except ad valorem duty of 5% + 2% Cess and 1% Cus Sec & High Edu. CESS vide Notification No.51/96 with latest amendments) and excise duty vide Notification No. 10/97 CENTRAL EXCISE dated 01-03-1997 for all scientific equipments, technical instruments, equipments (including computers), their accessories, spares, consumables and software. Hence, please offer your prices

15. If the item is covered under DGS&D rate contract, please quote the rate as per the DGS&D rate contract with xerox copy of the DGS&D order.

16. Liquidity Damages: If the equipment/ items as per specifications in our P.O. is not supplied (shipped) within the specified delivery schedule, then liquidated damages (not in terms of penalty) will be imposed automatically and shall be deducted from the bill at the rate of 0.5% per week subject to a maximum of 10% of the order value.

17. Income Tax at the applicable rates as per the Indian Income Tax Act 1961 will be deducted at source for the services availed / ordered. In case of service provider, the rate of tax deduction shall be at 2% as per Section 194C, and in case of fee for professional / technical services

Chetana S. R.

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