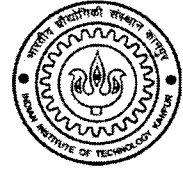




SIDBI INNOVATION AND INCUBATION CENTRE  
INDIAN INSTITUTE OF TECHNOLOGY KANPUR



To

27.09.2013

M/s \_\_\_\_\_

Sealed Quotations (technical bid and price bid separately sealed) along with the proprietary Certificate and Authorization Letter/Certificate are invited as per the specifications given below for the following items from the authorized suppliers:

Sr. No.	Product name & Specifications:	Tender No:	Qty
1	<b>3L Microbial Fermenter/ Fermentor,</b> <ul style="list-style-type: none"><li>Autoclavable Fermentor system with total volume of 3 liters and working volume of at least 2.5 liters. It must have a Jacketed Glass Vessel with sufficient no. of ports and inlets for microbial cultivation.</li><li>The system must be complete to measure and control pH (1- 14), DO (0-200%), stirrer speed (1-1000rpm), level/foam control &amp; temperature.</li><li>Color touch screen interface to guide the user through operation of the controller. System must display ONLINE virtual overview of all process parameters on the controller screen itself.</li><li><b>System should be complete with all the accessories required for microbial application inclusive of sterile sampling system, Stainless steel Air outlet condenser, pumps ( 3 no.'s - for addition of acid / alkali / antifoam ) baffles, sparger, impellers (2no's), sensors (PH, DO, Foam, level and temperature), Stirrer assembly (which can run from 1 to 1000 RPM for microbial cultures) with DC Motor,</b></li><li>For aeration, the offered system must include – 1 x Mass Flow Controller for oxygen, 1 x Rotameter for Air and 1 x rotameter with solenoid valve for N2. There must be provision to replace the rotameters of air and N2 in the future with MFC's ( upto 3 more MFC's in the future ). Supervisory Control and Data Acquisition (SCADA) software for monitoring and control of various parameters</li><li>Suitable Air compressor must be included as a part of the system.</li></ul>	<b>IIT/SIIC/3 LMF/bv/2 7.09.2013</b>	<b>1</b>

**Terms and conditions:**

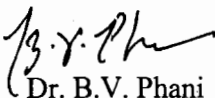
- All sealed quotations should reach the undersigned by 22.11.2013 (extended by one week)



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2. Quotation should have minimum validity of 120 days from the date of opening.
3. Delivery period will be 16 weeks from the receipt of the purchase order.
4. Payment Terms: 90% against delivery of material 10% after approval. In case of foreign currency payment is through LC.
5. The sealed envelopes with the quotes should be super scribed with the Inquiry number.
6. Ex-works for pickup by our worldwide transport provider:
  - a. FOB in country of origin
  - b. CIF, New Delhi
  - c. For delivery to IIT Kanpur
7. Maximum educational discounts should be applied .
8. The firms may also quote for optional accessories which will extend the capability or ease of use of the equipment.
9. The supplier should have a global presence with a website showing catalogue of similar equipment.
10. The Institute is exempted from excise duty and we pay only a nominal customs duty of about 5% under Govt. of India notification 51/96.
11. In case of firms situated outside India, the agency commission, if any, payable to the Indian agent should be indicated.
12. The firms are requested to give detailed description and specifications together with detailed drawings, printed leaflets and literature of the Article quoted.
13. The name of the manufacturers and country of manufacturer should be clearly stated. In the absence of these particulars the quotation is liable to be rejected.
14. Your quotation should contain Authorization Letter from manufacturer.
15. Warranty: 5 years from installation date. Other than warranty the supplier should include the cost for five years annual maintenance contract from Manufacturer separately
16. You may quote for more than one model.
17. All prices are to be for IIT Kanpur.
18. You may quote in US Dollars or any other foreign currency. The price quoted need to be Ex- works only The payment shall be made through LC In favor of Principial.
19. The quotation should include free training for two persons at IIT Kanpur within two months of installation and commissioning of the equipment.

  
Dr. B.V. Phani

(Coordinator)