



Government of Maharashtra

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Govt. College of Agri-Business Management, Kashti, Malegaon**

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Address: ITI Technical School Campus,

Malegaon Camp, Malegaon -423 105

Dist. Nashik

No. AD/ABM/RFQ/Fermenter/1109/2023

Date: 09/11/2023

**INVITATION OF QUOTATIONS FOR SUPPLY OF FULLY AUTOMATED  
LABORATORY FERMENTERS**

To,

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Dear Sir,

**SUB: INVITATION OF QUOTATIONS FOR SUPPLY OF FULLY AUTOMATED  
LABORATORY FERMENTERS**

1. You are invited to submit your most competitive quotation for the supply of fully automated Laboratory Fermenters:

SN	Name of Machinery	Technical Specifications	Capacity (Lit.)	Approx. Qty.
1.	Fermenter	<b>Accessories:</b> <b>1. Vessel:</b> ✓ Double walled with water circulation outer walls. ✓ Maximum working capacity of total capacity ✓ Parts in stainless steel grade SS. <b>2. Lid:</b> ✓ Nozzles nut bolt fitting. ✓ Safety valve: 15-20 mm ✓ Inlet: 15 mm ✓ Temp. Sensor Connection: 15 mm ✓ Pressure gauge: 10 mm ✓ Viewing Port: 150 mm ✓ pH Controller: 15 mm <b>3. Jacket:</b> ✓ Provided with nozzles of water in and water out.	50 100	1* 1*

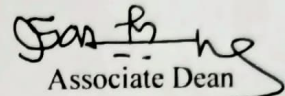
		<p><b>4. Bottom Agitation System</b>  ✓ Provided with RPM indicator, bottom magnetic coupling along with heavy duty motor with speed variator (50 to 400 rpm)</p> <p><b>5. Inbuilt Sterilization System:</b>  ✓ Digital temperature profile controller. Panel mounted, with temp. Sensor for in built sterilization system.</p> <p><b>6. Aeration system:</b>  ✓ Compressor with air rota meter, Pre filter and Autoclavable (PTEE membrane disc type) air filter capsules for air inlet and exhaust.</p> <p><b>7. Automatic PH control System:</b>  ✓ PH sensor with connecting cable. Controller (panel mounted) Peristaltic pump for pH adjustment.</p> <p><b>8. Thermostat:</b>  ✓ Temperature of the medium is controlled by circulating hot and cold water through jacket by using pump heating system Temp.  ✓ Control range: From 20°C to 45°C. &amp;+1°C accuracy.</p> <p><b>9. Control panel console:</b>  ✓ MS CRC sheet powder coated, RPM indicator. PH controller. Peristaltic pump panel mounted 2 no's provided with electrical switchgear and panel accessories.</p> <p><b>10. Skid:</b>  ✓ Structure made up of SS 304 tube with wheel &amp; all above items fitted on it.</p>		
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\* (Quantity may be variable)

**Terms and conditions:**

1. The rates quoted should be inclusive of all taxes, transportation, installation and demonstration charges.
2. The rates of delivery at college and ex-go down should be stated.
3. The rates quoted by the supplier shall be fixed for the duration of the contract and shall not be subject to adjustment on any account.
4. Delivery time will be of one week from the date of receipt of firm order.
5. Payment will be made by crossed cheque of SBI, Malegaon.
6. The University reserves right of accepting part/whole of the quotation.
7. The University reserves right of increasing or decreasing the quantity of items.
8. The University reserves right of accepting part/whole of the quotation.

9. You are requested to provide your offer latest by 17.00 hours on or before 24/11/2023 in the name of Associate Dean, Agri-Business Management, Kashti, Malegaon, Dist. Nashik 423105.
10. Envelop should be super scribed as "Quotation for supply of fully automated Laboratory Fermenters.
11. We look forward to receiving your quotations and thank you for your interest in this project.



Associate Dean  
College of Agri-Business  
Management, Kashti, Malegaon