



Dr. Panjabrao Deshmukh Krishi Vidyapeeth, Akola
KRISHI VIGYAN KENDRA, SELSURA

Post : Selsura, Dist. Wardha (M.S.)- 442 001

Phone/FAX: (07152) 287085 E-mail : kvk.wardha@gmail.com

Dr. Jivan R. Katore

Programme Coordinator

Mob. No. :8275412012

E-mail : kvkselsura@pdkv.ac.in



NO. / KVK /Selsura /1813/ 2024

Dated: 12/01/2024

Quotation Notice

To,

Subject: Quotation for Supply of Seed Fermenter

Interested parties/suppliers are requested to submit quotation for the following on or before 19.01.2024 in office working days and the quotation will be open on the same day.

S.N.	Name of Item and Specifications	Capacity	Rate
1	<p>FERMENTOR</p> <p>Capacity : 200 Ltr., Working Capacity : 165 Ltr. With Air Compressor</p> <p>Stainless steel 316/304 Grade, 3mm Thick aerated and agitated Fermentor, The main vessel is typically a cylindrical vessel made of steel 316 Grade, held upright on a welded on stainless steel skin with domed top and bottom.</p> <p>The top dome has a Side positioned oval opening with the snap type enclosure. Which uses Vinton O-ring seal? Encircling the opening should have the following Accessories a steam pressure relief valve, cooling with water inlet and outlet port and aeration system with filter for the intake the exit of sterile air. The positioned on the vessel wall.</p> <p>All valves are stainless steel ball with Teflon sheet With Automatic Temperature controller cut- off system. With various ports in the top like safety valve, water inlet, thermo valve, pressure gauge, air outlet, inoculation port, sterilizable sampling valve, Primary air filter. With spares for aeration 1 HP motor, Teflon Mechanical seal, shaft SS 1", impeller 2 sets, Baffle plate, viewing window, Electric heaters for steam generating system below the Chamber.</p> <p>Whole system is mounted on stainless steel legs at a convenient height to drain out the sample.</p> <p>Other Details :</p> <p>Aeration: - Air inlet Air purging, Air Exhaust, for aeration with bacterial filter minimum 0.2 micron.</p> <p>Nozzles on shell:-</p> <p>Dosing port (02), Light glass , sight glass, Pressure gauge 0-5 kg/cm² safety valve, Temp. probe, ports for PH and DO</p>	200 Liter	--

<p>Nozzles on jacket:- Safety valve, water outlet, cooling water inlet, drain with valve.</p> <p>Agitator Geared motor 1 Hp, shaft Minimum 38mm solid shaft Stainles steel 316 , Impeller min 3 nos. with shaft sealing.</p> <p>Controller Digital Temp display cum Controller system probe with an accuracy of ± 1.</p> <p>Heater:- suitable for steam generator, Outer jacket convert by SS pipe for using circulation of water</p> <p>Total Vessel Capacity: 200 Litr., Ideal Working Capacity: 165 Litr.</p>		
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While quoting the prices, the instructions on the overleaf may please be noted carefully

- 1) On the envelope following should be clearly mentioned in block capital letters : Submitted to the Office of the Senior Scientist & Head, Krishi Vigyan Kendra, Selsura Dist. Wardha Quotation for Seed Fermenter, Enquiry Letter No.KVK/Selsura/ /2024 and Date.
- 2) Quotation should reach to this office on or before due date 19.01.2024.
- 3) The quotation will have to be inclusive all (i.e. inclusive of all taxes, octroi, tariffs, expenses and **Transportation charges**) at KVK, Selsura Dist. Wardha (Dr.PDKV).
- 4) The undersigned reserves full right to reject any or all the quotations without assigning any reason Thereof or part of items.
- 5) The material will have to be supplied as per specifications within 08 days from the date of issue of the supply order or as indicated in the order with warranty.
- 6) In the event of failure to supply the material within the specified period, the undersigned will be authorized to cancel the order for supply.
- 7) The Payment of bill will only be made after satisfactory compliance of complete order, and conditions such as full or partial payment in advance will not be acceptable.
- 8) Leaflet should be provided alongwith quotation without leaflet quotation will be rejected.



Senior Scientist & Head
Krishi Vigyan Kendra, Selsura