



DEPARTMENT OF PLANT PATHOLOGY
DR. PANJABRAO DESHMUKH KRISHI VIDYAPEETH, AKOLA
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HEAD

Dr. M.V. Totawar

M.Sc. (Agri.) Ph.D. (Pl.Path.)

Phone 0724-2258200

Cell no.8830838544

No. HDPP/Store/Quot/618/2026

Date: 06 / 10 /2026

SUPPLY OF QUOTATION

To,

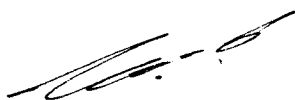
Whom it may concern

Subject: Quotation for Purchase of Fermenter.

It is requested to send your quotation / catalogue price for items specified below so as to reach this office on before 15/10/2026.

Sr. No.	Parameter	Specification	Qty.
1	Type	Jacketed with Top side agitation motor with gear box and bottom side out late valve	01
	Capacity	200 liters Working capacity – 150 liters	
2	Vessel	Vessel Material	
		D/H Ratio	
		Inner Surface	
		Gasket	
		Design Temperature	
		Working Temperature	
		Design Pressure	
		Working Pressure	
3	Jacket	Jacket Material	
		Design Temperature	
		Working Temperature	
		Design Pressure	
		Working Pressure	
4	Ports on the top plate	1 Agitator Motor with gearbox 1 Import-SS Safety valve 1 Import 0 – 7 bar Pressure gauge 1 Port for light source 1 Import Port for media inlet 1 Import Pressure release valve 1 Import SS Diaphragm valve for Air outlet 1 Sampling port	
5	Ports on bottom dish	1 Sterilizable Flush bottom valve for broth out.	

6	Ports on Vessel side	1 Dummy port 1 RTD port 1 Dummy probe 3 Acid, Alkali and Innoculum	
7	Aeration system	Sparger	SS 316 pipe with sparging ring at bottom.
		Filter	0.2 μ m PTFE Cartridge absolute filter on air-in line with SS housing and 0.2 μ m PTFE Cartridge absolute filter on exhaust air with SS housing.
		Flow meter	Acrylic body with graduation.
8	Valves	Import Diaphragm valves. Sampling and Flush Bottom valve. Water inlet and outlet for cooling	
9	Agitation	1 hp motor with gearbox to impart 192–200 rpm fixed speed through a down shaft with 3 nos of Ruston turbine with 6 blades each.	
10	Control panel with Feather touch keypad	Control system	Feather touch key pad controller
		Temperature with printer for Reading	Control using an RTD probe and Imported Controller
		PH Controller	PH Controller with probe and fixed speed peristaltic pump for acid, alkali.
		Temperature and PH Controller	Temperature controller using an RTD probe and with PID programmer, temperature range 1500C controller, Automatic PH Controller with probe and PID programmer PH Controller, PH range 1-14.00 PH, PH resolution- 0.01 PH, transmitter-High temperature gel filled PH Electrode, Temperature measuring range-30 to 1500C power supply 240V A/c 50 Hz, PID process controller, process calibration, programmable peristaltic pump.
		Aeration	Flow meter to control the flow of air through air compressor (Oil free air) 0.75 hp and 20 liter storage tank capacity
		Innoculum	1 no. fixed speed peristaltic pump for innoculum addition
		Control Module	Mild steel Powder coated Control panel with Indicator and knob.
11	Steam Generator		Capacity 35 kg / hrs, boiler –S.S. 316, Power supply-230V, 50Hz, power-18 KW, automatic switch for pressure control temp.



			controller, inlet outlet valve, water level controller, S.S. Pipening steam fermentor	
12	Air Compressor Oil Free		As per Required	
Total				01

While quoting the instructions on overleaf may please be carefully noted.

Terms and conditions of supply.

1.	The quotation should be in the name of The Head, Department of Plant Pathology, Dr. PDKV, Akola
2.	The quotation should be reached in this office on or before 15/10/2026
3.	The quotation will be accepted on all working days between 10.00 am to 5.30 pm.
4.	The rates quoted will have to be inclusive of all taxes with delivery at Head, Department of Plant Pathology, Dr. PDKV, Akola
5.	The rates quoted will have to be accepted for a period of six months from the due date fixed for opening the quotation.
6.	The right to accept whole or part of the quotation or reject is reserved with the undersigned without assigned reason thereon.
7.	The material / work will have to be supplied as per specification within 30days from the date of supply of quotation.
8.	In the event of failure to supply the material / work within the specified period, the undersigned will be authorized to cancel or extend the order of supply.
9.	The payment will be made through bank only after supply of material in good condition. No advance payment will be made.
10.	It is essential to mention the sales tax, registration No. etc. of the supplier firm.



Head
Department of Plant Pathology
Dr. P.D.K.V. Akola

Copy to,

✓ The Officer In-Charge, ARIS Cell, Dr. PDKV, Akola for uploading on university website please.