



ENVIRONMENT PROTECTION TRAINING AND RESEARCH INSTITUTE (EPTRI)

(An autonomous Institute of Government of Telangana)

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Tender for PCL Laboratory Misc Items 03

Tenders are invited from the Manufacturers and Tender specific Authorized Dealers for supply of the following Laboratory Misc Items to EPTRI PTCL Laboratory, Gachibowli, Hyderabad. The following are the requirement.

SI No	Name of the Item	Qty	EMD
1	Air curtain	1	1000
2	Fumigation machine	1	1000
3	Media Stirrer	1	500
4	Colony Counter	1	500
5	Microwave oven	1	500

Technical Specifications SI.No.1 Air curtain

SI No	Component	Details	Qty	EMD
1	Door Height.	Up to 8 feet	1	Rs. 1000
2	RPM	2700		
3	CFM	3680		
4	Phase	Three		
5	Voltage	440v/50hz		
6	Power (Wattage)	2200 W		
7	Motor HP	3 HP		
8	Max. Air velocity at Nozzle	24 m/s		
9	Dimension (cm) Approximately	150 x 35x 35 cm or equivalent		

Technical Specifications SI.No.2 Fumigation machine -1 No

S.no	Component	Details	Qty	EMD
1	Timer Devices	Diaital Timer (1 - 99 Min)	1	1000
2	Working Hours Counter	digital		
3	Particle Size	Uniform Sub microns		
4	Liquid Flow Rate	1 - 3 Ltrs. / Hr. (Adjustable)		
5	Flow control Mechanism			
6	Nozzle System	SS grade		
7	Tank Capacity	6-8 Liters		

8	MOC	HDPE		
9	Noise Level	< 88 db @ 1 Meter		
10	Air Filter	Triple stage with clamp		
11	Fog thrust	> 50 feet		
12	Area Coverage	> 20.000 Cubic. Fts		
13	Motor Speed	24,000 RPM (Approx.)		
14	Disinfectant	Shall be provided		

Technical Specifications Sl.No.3 Media Stirrer -1 No

SL No	Component	Details	Qty	EMD
1	Max. Stirring capacity(water liters)	15-20	1	500
2	Motor rating input(W)	60		
3	Motor rating output(W)	50		
4	Speed Range(rpm)	50-2200		
5	Max. Torque (Ncm)	40		
6	torque display	LED		
7	chuck(mm)- Approximately	10 to 15		
8	stirring shaft(mm)- Approximately	8X220		
9	Inpeller type(mm)	4 cross blade/50		
10	Dimension (WXDXH)(mm)- Approximately	80x180x220		
11	Stand length (mm)- Approximately	750		
12	Power (W)	70		
13	Weight(Kg)-approximately	2 to 3		

Technical Specifications Sl. No.4 Colony Counter

S.no	Component	Details	Qty	EMD
1	lens	Powerful magnifying lens	1	500
2	Model	Desk top compact		
3	MOC	Complete SS construction		
4	Display	LED		
5	audio	beep at every count		
6	Maximum Count	9,999		
7	Manual count switch			
8	Uniform glare free illumination			
9	Dimension- Approximately	440 x 400 x 300 mm		

Technical Specifications Sl.No.5 . Microwave oven -1 No

SI No	Component	Details	Qty	EMD
1	Output Power	700 Watt	1	500
2	Capacity	20-30 litres		

3	Outer Material	Glass and Stainless Steel		
4	Turntable Diameter	245 mm		
5	Inner Material	Stainless Steel		
6	Dimensions - Approximately	32 x 25 x 45 cm		
7	Color	White/grey		

The quantities mentioned are based on our projects contracted. It may increase or decrease.

BIDDER'S RESPONSE: (Bidder shall indicate "Complied" or "Non Complied" as applicable in each row. Technical Literature / published document should be submitted to prove compliance

'Instructions to tenderers'.

1. Prices to be quoted along with all taxes and transportation of material upto EPTRI
2. Delivery within 10 days from the date of issue of Purchase Order
3. Payment will be after receipt of the full quantity received.

Suppliers are requested to send their quotations in sealed covers by mentioning the subject on the top. The last date for submission of sealed tenders is **10.08.2022 up to 05.00 PM.**

Director General

EPTRI