



# ECH - Incubation Centre

(Supported by MHRD under RUSA 2.0)

University of Rajasthan

JLN Marg, Jaipur -302004



Ref. No.: ECH/2024/ 1035

Date: 12.07.2024

## NOTICE

ECH- Incubation Centre, University of Rajasthan invites quotations (sealed) **below Rs. 1 lakh** for **procurement of vertical autoclave** in the Incubation Centre with the following specifications:

- The autoclave must be fully automatic with radial locking system.
- Double walled construction with Inner chamber (boiler) made of Stainless Steel 304 grade.
- The outer body should be made up of MS sheet with heat cured epoxy coating on both sides.
- The Boiler and outer shell must be provided with air insulation.
- Lid must be made of die pressed Thick Stainless Steel plate & equipped with Pressure gauge, Steam release/Exhaust valve & spring loaded safety valves & 1/4" BSP Port fitted with coupling for validation purpose.
- The lid should be equipped with single lever lock mechanism and lever handle moulded from industrial plastic.
- Foot lifting arrangement for the lid.
- Also the heater should not start if the Lid is open.
- The unit should be mounted on 04 Nos. PU coated castors out of which at least 2 should have locking mechanism.
- Fully Argon welded to avoid steam and pressure leakage.
- Heavy duty industrial SS flange heaters.
- Full sterilization cycle including Air purging, Sterilizing hold time, Cycle end with release/exhaust of pressure & alarm is automatic.
- Microprocessor based Controller with time and temperature programmable by user.
- Timer Range: 1 - 120 Minutes.
- Temperature Sensor: PT-100.
- Capacity - 75 liters
- Size - 16 inch x 24 inch (Dia x HT)
- Low water level alarm with heater cut off.
- Perforated basket made of Stainless Steel sheet - 304 grade.
- No. of basket - 1 nos.
- Operating on 230 Volts AC Single phase 50 Hz, 4500 watt.
- Safety items - 1. Safety Valve - 20 PSI 2. Extra safety valve - 25 PSI
- Safety - Over temperature protection device
- Temperature Range: 121°C to 125°C
- Temperature Resolution: 0.1 °C
- Pressure range: 15 PSI to 20 PSI.
- Factory Set at 15 PSI.
- Warranty: atleast 2 years with service facility at ECH- Incubation Centre, University of Rajasthan.
- The unit should be manufactured as per IS specifications Mark ISO: 9001: 2008 and must comply with NABL standards and also should bear the certification.

### Terms and conditions:-

- Bidder is required to submit the proof of materials supplied in Government organizations all over Rajasthan of last three years.
- Annual Maintenance Contract (AMC) / Cumulative maintenance contract (CMC) must be mentioned in bid document.
- A proper installation and demonstration (free of cost) will be mandatory.



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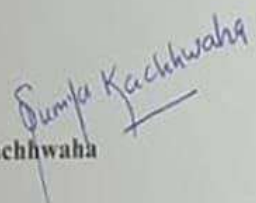
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- Training must be provided by the company's scientific person after installation of equipment to all the users. Without satisfactory training and demonstration payment will not be released.
- Maintenance and service manual should be provided.
- Any accessories/ part/ modules, etc. if required for installation will be provided by the supplier at the time of installation without any extra cost.
- Item specifications should be market friendly and not tailor made.
- It is mandatory to include printed brochure of the equipment which should also be available online.

The last date for the submission of quotations in ECH- Incubation Centre will be **July 30, 2024 before 03:00 PM.**

  
Prof. Sumita Kachhwaha  
Coordinator

COORDINATOR  
ECH-Incubation Centre  
University of Rajasthan, Jaipur