

# Indira Gandhi Medical College & Research Institute

(Government of Puducherry Institution)

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No.515/IGMC&RI/Estt-Pur/A4/Microbiology/2025-26 /466 Puducherry, the

11 FEB 2026

## Calling for Quotation

**Sub:** IGMC&RI - Purchase of equipment for the use of Microbiology Department under NCDC-AMR fund in IGMC&RI, Puducherry - Quotations Called for - Reg.

\* \* \*

It is proposed to purchase equipment for Microbiology Department of this institute under NCDC-National Programme on AMR Containment utilizing the fund provided by NCDC. It is, therefore, requested to quote the lowest possible rate for the supply of the items as per annexure. The **Hard Copy** of the quotation shall be submitted to the **Director, IGMC&RI, Puducherry on or before 25.02.2026.**

Sl. No	Description	Qty
(Annexure enclosed with Specification)		

## Terms and conditions:

1. **Price should be inclusive of all taxes.**
2. The rates once quoted and approved will be final and no revision in rates will be allowed
3. Supply should be made within 15 days at the risk of supplier without any deviation.
4. The quotation shall contain the GST Number, Contact Phone Number & E Mail I.D, etc.
5. The quotation cover should be properly sealed with postal address and superscribed "**Procurement of Equipment to the Department of Microbiology**".
6. The quotations received will be opened by 11.00 A.M on 26.02.2026.

// By Order //

Yours faithfully,



**ADMINISTRATIVE OFFICER**

**To:**

The Programmer, IGMC&RI, Puducherry- with instruction to upload in our official Web-Site&Pudutenders website, / and for compliance report.

**Copy to:**

1. The Medical Superintendent, IGMC&RI, Puducherry.
2. The Nodal Officer NCDC-AMR, IGMC&RI, Puducherry.
3. The Professor and Head (Microbiology), IGMC&RI, Puducherry.
4. The Officer In-charge - Pharmacy, IGMC&RI, Puducherry.
5. Notice Board.
6. Spare Copy.

## ANNEXURE

Sl.No.	Items Name	Quantity	Unit Price	GST	Total Amount
1	Hot Air Oven	1			
2	Electric Sterilizer for inoculation loop	1			
3	Densitometer (suspension turbidity detector)	1			



# Indira Gandhi Medical College & Research Institute

Department of Microbiology  
National Centre for Disease Control (NCDC) Project



## EQUIPMENT TECHNICAL SPECIFICATIONS

### 1. Hot Air Oven

Purpose	Hot Air Oven is commonly used for dry heat sterilization which is a method of controlling micro-organisms
Conformity to CE	Yes
Certification number and date	Yes, to submit certificate
Conformity to ISO	Yes, required
Capacity in litres	200-250 lts (inner volume)
Material of External Body	Mild Steel with Power Coated Stainless Steel 304 Grade
Material of Internal Chamber	Stainless Steel 304 Grade
Insulation	Mineral wool / Ceramic wool
Material of Inner Door	Stainless Steel 304 Grade/Glass
Material of Outer Door	Mild Steel with Power Coated/Stainless Steel 304 Grade
Heating Element	Nichrome Wire/Kanthal A1/SS tube/Pipe heater
Power rating in Watts	1000
Ambient temperature range in °C	Ambient $\pm 10^{\circ}$ C to 250°C
Temperature Accuracy in °C	$\pm 0.5^{\circ}$ C
Type of Temperature sensor	PT 100
Temperature Uniformity	$\pm 2^{\circ}$ C or better at 105 °C
Time to attain maximum temperature (Minutes)	Approximately 90 min
Doors	Should be insulated, fitted with heavy hinges & have locking facility
Availability of Double glass window on door	Yes
Type of Display	LED
Parameters displayed	Time, Temperature settings and temperature reading
Type of Shelves	Removable
Number of shelves	2-3
Material of Shelves	SS wire mesh
Controller	Microprocessor based PID control
Power Supply	220 V, 50 Hz Single Phase
Air Circulation	Motorized Blower for forced air circulation, enclosed motor of 0.5 HP
Oven should be corrosion resistant	Yes
Safety Alarm system	Yes
Instruction manual to be provided	Yes
Availability of Test Report from Central Govt/NABL/ILAC accredited lab to prove conformity to specification	Yes
UPS	Suitable online UPS (10 KVA)
IQ/PQ/OQ certificates	To be provided
Warranty	3 Years

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National Centre for Disease Control  
Indira Gandhi Medical College & RI  
Puducherry-605 009.



2. Electric sterilizer for inoculation loop

Material	Stainless steel
Should Provide uniform and constant heat for perfect sterilization	Yes
Diameter of Sterilizing Tube	12 millimeter
Length	140 millimeter
Weight	3.5 kilogram
Number of Angular adjustments	5
Sterilization time	7 second
Heating-up time	700 deg C/ 15 minutes
Sterilization temperature	900 degree Celsius
Power supply	230 Volt
Input Frequency	50 Hertz
Power consumption	230 Watt
Should be compact enough with a height, width and diameter should not be more than 300mm	Yes
Should have a long lasting Sterilizing Tube	Yes
The system should have temperature indicating controller	Yes
Should have a long lasting Sterilizing Tube	Yes
Should have GMP compliance	Yes
Complete Unit Warranty	5 years
Residual heat display	Yes
Safety Standards	EN 61326-1, EN61010-1, EN61010-2-010
Availability of Test Report from Central Govt/NABL/ILAC accredited lab to prove conformity to specification	Yes
Instruction manual to be provided	Yes

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3. Densitometer (suspension turbidity detector)

Use	Densitometer is designed for measurement of cell suspension's turbidity in the range of 0.0-6.0 McFarland units ( $0 = 180 \times 10^7$ cells/ml).
Measurement range	0.00-15.00 McF
Display resolution	0.01 McF
Light source	LED
Measurement wavelength ( $\lambda$ )	$\lambda = 565 \pm 15$ nm
Accuracy (0.0-6.0 McF)	$\pm 3\%$
Measurement time	1 s
Sample volume	not less than 2 ml
Tube external diameter	12 mm, 16 mm (using A-12, A-16 adapter) or 18 mm (without adapter)
Possibility to restore factory calibration settings	Yes
Display	LCD
Independent power supply	3xAA batteries
Overall dimensions (WxDxH)	165 x 115 x 75 mm
Weight	0.7 kg
Power	External energy supply & Batteries (AA)
Input current/power consumption	12 V, 7 mA / 0.1 W
External power supply	Input AC 100-240 V, 50/60 Hz; Output DC 12 V
Standard set	External power supply, A-16, 3xAA batteries
Calibration kits to be provided	Yes
Instruction manual to be provided	Yes
Complete Unit Warranty	3 years
Accessories	1. Glass test tubes 16 mm (BS-050102-MK) 2. CKG16 - Calibration kit (BS-050102-BK) 3. Calibration kit 70900 - d18mm 4. Calibration kit 21255 - d12mm 5. Glass test tubes 18 mm (BS-050102-NK) 6. A-12 adapter 7. (BS-050102-IK)

  
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