

ANNEXURE IV: TECHNICAL SPECIFICATIONS

1. Name of equipment: Cell culture carbon dioxide incubator

Units required: 1 (One)

Imported/Indian

Specifications:

1. Internal volume- 165L
2. Temperature control range and fluctuation- At +5 to +50°C, $\pm 0.1^{\circ}\text{C}$ with temperature uniformity $\pm 0.25^{\circ}\text{C}$
3. Sterilization method- Dry heat sterilization, 180°C, ± 11 hours
4. Temperature sensor- Thermistor
5. CO₂ sensor- Dual IR
6. Display- LCD touch screen
7. CO₂ range and deviation- 0 to 20%, ± 0.15
8. Exterior material- Painted steel (rear cover not painted)
9. Interior material- Stainless steel copper enriched alloy
10. Shelves- 4x stainless steel copper- enriched alloy
11. Power failure- Visual buzzer remote alarm
12. Temperature deviation - Visual buzzer remote alarm
13. CO₂ deviation- Visual buzzer remote alarm
14. Certificate from National Institute/ State University of successful installation and satisfactory performance

The equipment mentioned should be installed by the firm's Engineers free of cost.

**TECHNICAL SPECIFICATIONS AND COMPLIANCE SHEET TO BE PROVIDED
BY THE TENDERER IN THE FOLLOWING FORMAT**

Sl No	Section	Sub Sections	Complies/Not Complies (for each items in subsections. Do not write “as per quotation”)	Deviations from tender specifications (Explain how better this is from tender specification)