

S.No	Technical specification for Co2 incubator	Complied (yes or No)	If compliance given, mention the page no. of your technical document where the details are provided.
1	Capacity of the incubator should be 150L and above		
2	Chamber Material should be made in Polished stainless-steel interior with coved corners		
3	It should have fully automatic Disinfection function with capacity to reach the disinfection Temperature of 170°C & above		
4	It should have Fan inside the chamber for maintaining better uniformity of Temperature & Co2		
5	It should have condensation free humidification system		
6	Water level indicator should include in the display of the system		
7	It should be capable of add and remove water from the incubator without removing the shelf and cultures		
8	It should have the IR based CO2 sensor and its performance should not be affected by the change in temperature, humidity, O2 levels and barometric pressure.		
9	CO2 level in incubator should recover within 5 minutes of the incubator door opening		
10	It should have the high sensitive temperature probes		
11	It should have the overshoot temperature protection.		
12	Temperature recovery should happen within 5 minutes		
13	It should have auto restart function		

14	Incubator should capable of recovering all critical growth parameters in less than 10 minutes following 30 second door opening		
15	It should have In chamber HEPA filter to avoid contamination		
16	CO2 Concentration should be in the range of the 1 to 20%		
17	It should have CO2 level control with $\pm 0.1\%$ accuracy		
18	It should have Humidity Monitor with water level alarm		
19	It should have Touch screen display with data logger		
20	Relative Humidity level of the incubator should be Ambient to 95% at 37°C		
21	Temperature Range of the incubator should be Ambient +5° to 50°C		
22	It should have temperature control with $\pm 0.1^\circ\text{C}$ accuracy and uniformity should be $\pm 0.3^\circ\text{C}$		
23	Over temperature alarm sensitive to detecting the 1°C change		
24	It should have Chamber thru-wall access port with filter		
25	The steel part of the equipment should be made with non corrosive steel (Grade 304 and above).		
26	It should supplied with suitable stabilizer		
28	Should be supplied with suitable capacity Co2 cylinder with safety chain		
29	Equipment should be calibrated at the factory and calibration should be traceable		
30	Voltage and plugs adopted to meet Indian conditions		
31	The manufacturer must have the management system certified by ISO9001		
32	Certificate should be provided that the instrument was calibrated at the factory		
33	All standard accessories and consumables and part require to operate to be included in the offer.		
34	Warranty & Service: The equipment should be supplied with 1 year warranty, 2 year comprehensive annual maintenance contract (include spares and service visit) and 2 year Annual maintenance contract (only service visit). Immediate response upon system failure should be guaranteed. Response to service calls should happen within 48 hours.		

35	The unit must be quoted by Original Equipment Manufacturer's with Sales and service support facilities in India through their branch office / Indian Agent (or) Indian agent with extensive sales (Minimum 5 years) and service support in India representing foreign principals / Original Equipment manufacturers. The Indian agency / dealership certificate with details of sales and service support should be enclosed with the technical bid.		
36	The firm should provide necessary original documentary evidence of the features of the offered model in the technical bid to facilitate proper technical evaluation.		
37	Purchase orders, contact details and user satisfactory reports of the quoted model from Nationalized or reputed laboratories all over the India must be shared with quotation.		
38	complete installation and testing the main system and the accessories to their specifications done at the site of installation free of cost. All utility requirements for installation and running the system should be mentioned in the offer.		
39	Please indicate the year in which the model offered was introduced into the market and confirm whether the spares for the system would be available for a minimum period of 10 years and shall not be obsolete within five years of procurement.		
40	Special discount on list price for all spare parts must be given up to 10 years.		
41	Availability of local service support and response time for a service call during and after warranty specified.		
42	Technical specification are intended to be descriptive only and not restrictive. The bidder may substitute alternative standards, brand names and/or catalogue numbers in its bid, provided that it demonstrates to the purchaser's satisfaction that the substitutions ensure substantial equivalence or superior to those designated in the "Technical Specifications		