

Call for Competitive quotations

Sealed quotations are invited for the purchase and installation of a Carbon Dioxide Incubator in the Centre for Genomics and gene technology, Department of Biotechnology, University of Kerala.

The quotations addressed to **The Director, Inter University Centre for Genomics and Gene Technology (IU-CGGT), Department of Biotechnology, University of Kerala, should reach before 25th April, 2018.**

Specifications for CO2 Incubator

1. Fully programmable microprocessor controlled stackable CO2 incubator with power requirement of 230 volts and 50 Hz with capacity of 170 litres or more
2. Temperature control preferably from 7-100 °C below ambient to 500 C with accuracy of ± 0.10 C
3. Should be with fan less, all sided direct heating with, gentle convection circulation
4. CO2 control from 0 to 20% with accuracy and uniformity of $\pm 0.1\%$
5. Should be provided with infrared CO2 sensor and equipped with efficient recovery to set CO2 concentration
6. At least FOUR adjustable shelves and a water reservoir, made of stainless steel
7. Seam less stainless steel interior of the chamber
8. Temperature resistant inner glass door.
9. Should have independent door heater to stop condensation on inner door surface
10. Should be provided with FRONT display of all the set and real time parameters
11. Alarm function and malfunction parameters should be displayed on screen
12. Should be equipped with HEPA filter on CO2 inlet
13. Equipment should have the facility for security system from over temperature cut off

14. Automatic re-setting/resuming of the pre-set parameters in case of power failure
15. Should have built in diagnostic to detect the CO2 incubator working status
16. Provision for accommodating Mini bioreactor within the incubator for experimental purposes.
17. TWO CO2 cylinders and two compatible regulators should be supplied with the system
18. Should be supplied with 3KV voltage stabilizer with TIME DELAY FACILITY to restart after power failure
19. Three years warranty on all parts of equipment should be ESSENTIALLY be provided.
20. It should be ISO 9001 & CE Certified.
21. Technical features described above should be supported by original illustrated catalog with list of users (with all contact details in India), and authentication of vendor's business record in the form of Income Tax return for at least of last 3 years.