



Dr. Amitabha Bandyopadhyay

Assistant Professor
Convenor, Dept. BSBE
Tele : 91-512-259-4055(Office)
Email: abandopa@iitk.ac.in

Dated: 24-11-2011
Closing date: 30-11-2011

REF – BSBE/AB/NC/2011/04

Request for submission of quotation for CO₂ Incubator

Please send a quotation in triplicate, in a sealed envelope, to the undersigned for the supply of the following:

CO₂ Incubator:

- * Microprocessor controlled 170 Ltr direct heat (air-jacketed) stackable
- * Temperature control from 4° C above ambient to 50°C, with control accuracy $\pm 0.1^\circ\text{C}$.
- * Six-sided direct heating with fanless, gentle convection circulation to provide stable temperature control, excellent uniformity and rapid recovery with no over shoot.
- * CO₂ control range from 0.2 to 20% with control accuracy and uniformity of $\pm 0.1\%$ and should have rapid recovery of at least 0.7% per minutes.
- * Infra-red (IR) CO₂ sensor with programmable auto-zero function provide superior accuracy & stability.
- * Its auto-zero function automatically adjust IR Sensor base line for optimum accuracy & operational security.
- * No need for manual measurement or operators intervention.
- * With minimum 4 adjustable height shelves & humidity reservoir (removable) to achieve at least 95% RH.
- * Independent door heater eliminate condensation on inner door surface.
- * Digital display for set parameters with audio visual alarm.
- * It should have on board built-in diagnostic to help to identify system status and expedite on-site services.
- * HEPA filter on CO₂ inlet.
- * RS232 communication port.
- * 25mm access port.
- * Non-volatile memory which must guarantee data integrity regardless of length of time or frequency of power interruption.
- * Additional safety such as back-up microprocessor, separate over temperature cut- out, alarms set point reset automatically, password protection etc. etc.
- * **With CO₂ gas regulator.**
- * It should be ISO Certified.

Warranty: 1 year

Look forward to your best offer for a model that meets the above

Sincerely,

Dr. Amitabha Bandyopadhyay
Assistant Professor
Dept. of Biological Sciences & Bioengineering
Indian Institute of Technology, Kanpur-208016
INDIA
512-259-4055(Ph)