



**Dr. Amitabha Bandyopadhyay**

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

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**Closing date: 30-11-2011**

**REF – BSBE/AB/NC/2011/03**

Request for submission of quotation for CO<sub>2</sub> Incubator

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

**CO<sub>2</sub> 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.
- \* CO<sub>2</sub> 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) CO<sub>2</sub> 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 CO<sub>2</sub> 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 CO<sub>2</sub> gas regulator.**
- \* It should be ISO Certified.

**Warranty: 3 years**

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)