

**School of Biological Sciences
Indian Institute of Technology
HauzKhas, New Delhi-110 016**

NOTICE INVITING QUOTATIONS

Dated: **11-August-2014**

Tender No: _____

Subject: **Purchase of CO2 Incubator**

Invitation for Tender Offers

Indian Institute of Technology Delhi invites sealed tender offers in two bid format (Technical bid and Commercial bid) from eligible and experienced OEM (Original Equipment Manufacturer) OR OEM Authorized Dealer for **supply, installation & integration of “CO2 Incubator”** with three years on site comprehensive warranty from the date of receipt of the material as per terms & conditions specified in the tender document, which is available on CPP Portal <https://eprocure.gov.in/epublish/app> and IIT Delhi website <https://www.iitd.ac.in/tenders>.

TECHNICAL SPECIFICATIONS:

Sl. No.	Technical Specifications	Remarks
1	It should have microprocessor controlled 170 Liters direct heat (air-jacketed) stackable CO2 Incubator temperature control from 4° C above ambient to 50°C, with control accuracy $\pm 0.1^{\circ}\text{C}$.	
2	System should have 4 split inner glass door to enhance temperature uniformity & reduce gas consumption.	
3	It should have six-sided direct heating with fan less, gentle convection circulation to provide stable temperature control, excellent uniformity and rapid recovery with no over shoot.	
4	It should have 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.	
5	It should have Infra-red (IR) CO2 sensor with programmable auto-zero function provide superior accuracy & stability.	
6	It should come with minimum 4 adjustable height shelves & humidity reservoir (removable) to achieve at least 95% RH.	
7	It should have independent door heater eliminate condensation on inner door surface.	
8	It should have digital display for set parameters with audio visual alarm.	
9	It should have on board built-in diagnostic to help to identify system	

	status and expedite on-site services.	
10	It should have HEPA filter on CO2 inlet.	
11	It should have RS232 communication port.	
12	It should have 25mm access port.	
13	It should have non-volatile memory which must guarantee data integrity regardless of length of time or frequency of power interruption.	
14	It should have following additional safety such as back-up microprocessor, separate over temperature cut-out, alarms set point reset automatically, password protection etc.	
15	It should come with CO2 gas cylinder with 2 stage regulator.	
16	It should be ISO 9001 & CE Certification.	

If any of the technical specifications offered are better than those listed, clear comparison should be provided in the compliance statement with a separate “Remarks” highlighting how the specification is better than that listed

Bid submission start date: 11th August 2014

Bid submission end date: 01st September 2014

Bid opening date: 03rd September 2014

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