

Tender No.: AS/CHE/2013-14/ENQ/Nov-01

Last Date: 17.12.2013

Subject : Purchase Enquiry for CO₂ Incubator

Sealed quotation (separate technical and commercial bid) by post/courier is invited for the supply of CO₂ Incubator (1 Unit) as per the following specifications along with your complete terms and conditions. Your quote should be valid for minimum 90 days. Party must attach all the related certificates like Agency certificate, Proprietary item certificate (if applicable). Any quotation that does not carry technical and commercial bid separately or not accompanied with proper certificate will not be considered.

Specifications

- **Internal Capacity** 170 litter
- Automatic sterilization facility at 120°C or higher
- Fan-less, six-sided direct heating with seamless chamber
- CO₂ Range : 0% to 20%
- Control : ± 0.1%
- CO₂ Inlet Pressure : Min 5 psi, max 10 psi
- Temperature Range: +5°C above ambient to +60°C
- Control : ± 0.1%
- Stability : ± 0.1% @3 7°C
- Humidity - upto 95 %
- Sterilization indication on screen
- Drift free Infra Red CO₂ sensor
- HEPA filtered CO₂ inlet
- The inner chamber should be fan-less and should be able to hold 4 or more perforated shelves.
- Shelves must be removable for easy cleaning
- Sealed inner Glass door for atmosphere conservation
- Large volume humidification pan with dedicated independent heater

Quotation must reach at the following address on or before Dec 17, 2013.

Prof. Ashutosh Sharma
Department of Chemical Engineering
Indian Institute of Technology Kanpur
Kanpur 208016 INDIA