



**INDIRA GANDHI INSTITUTE OF TECHNOLOGY, SARANG
Dist – Dhenkanal, Odisha – 759146, India**

Notification No.: IGIT/MET/10

Dated: 08-01-2018

QUOTATION CALL NOTICE

Sealed quotations are invited from reputed Original Equipment Manufacturers (OEM) /Authorized Dealers / Suppliers with valid authorization certificate, PAN/TIN card and GST registration for Supply, Installation and Commissioning of Equipment of the Department of Metallurgical and Materials Engineering. The last date of submission of quotation is **24.01.2018 (up to 3:00 PM)** and will be opened on the same day at **3:30PM**. The sealed quotation will be received by Speed Post/Registered Post only. The authority will not be responsible for any postal delay. No hand delivery will be accepted. Quotation received after the scheduled date and time will not be considered. The quotation with details can be downloaded from the Institute web site: **www.igitsarang.ac.in**.

The terms of delivery along with any extra charges e.g. GST etc. & mode of payment should be indicated clearly in the quotation. The supplier should submit the manuals with the quotation. Please refer to the specifications of the item as mentioned in Appendix-I and conditions in Appendix-11.

The authority reserves the right to reject/ cancel the quotation without assigning any reason thereof. Address for submission of quotation is **The Director, Indira Gandhi Institute of Technology, Sarang, Dist. - Dhenkanal, Odisha, India - 759 146**

With Kind Attention to: Dr.P.K.Mallik, Assistant Prof., Metallurgical & Materials Engg.

Sd/-

Registrar

TECHNICAL SPECIFICATIONS

Item	Specifications	Quantity
CO2 INCUBATOR	<p>Stainless steel interior with inner glass door. Stainless steel Exterior. Sterilization: Automatic chamber sterilization. Sterilization cycle 4 hour at 160 °C. Interior Volume: Approx. 105 ltr. Digital Electronic CO2 control with auto zero. Digital NDIR CO2 sensor. Hepa Filter for chamber packed in the sterile condition. Temp range: up to 50°C Active Microprocessor controlled for humidifying and dehumidifying. Humidity: Appx. 85 to 97% RH2 Full Width Shelves. Power supply: 230V, 50Hz CO2 range: 0 to 10%CO2 Accuracy: +/-0.1% Fully stainless steel heated door. Microprocessor Temp controller with PT 100 and Auto-diagnostic system. Accuracy: + /-0.1 °C During sterilization the temp fixed at 160 °C.</p> <p>HEATING CONCEPT Large-area multi-function heating system on four sides with additional door and back heating to avoid condensation incl. works calibration certificate for +37°C integrated humidity limit control (88-97% rh) with digital display of relative humidity-resolution of display 0.5%, setting accuracy 1%</p> <p>MULTIPLE OVERTEMPERATURE PROTECTION with audible and visual alarm over temperature monitor TWW, protection class 3.1 or adjustable temperature limiter TWB, protection class 2, selectable on display additionally integrated over-and under temperature monitor "ASF", automatically following the set point value at a preset tolerance range; alarm in case of over-or under temperature, heating is switched off in case of over temperature mechanical temperature limiter TB, protection class 1 according to DIN 12 880 to switch off the heating approx. 10°C above nominal temperature</p> <p>TEXTURE STAINLESS STEEL CASING w x h x d: 719 x 846 x 591 mm fully insulated stainless steel door with 2-point locking (compression door lock), lock able inner glass door with opening (8 mm Ø) to take gas sample rear zinc-plated steel</p> <p>INTERIOR HEATING CONCEPT w x h x d: 107 x 560 x 480 mm.easy-to-clean interior, made of stainless steel, reinforced by deep drawn ribbing, material 1.4301 (ASTM 304), hermetically welded 2 perforated stainless steel shelves and 1 stainless steel water tray</p> <p>TEMP. RANGE min. 8°C above ambient up to +50°C POWER SUPPLY 230 V (+/-10%), 50/60 Hz / approx. 1500 W with audible and visual alarm in case of over-/under temperature or CO2, open door and empty gas cylinder</p> <p>ACCESSORIES 2 StageCO2 regulator (01), Cylinder for CO2 (01) 2 KVA Servo Voltage Stabilizer (01)</p>	01

TRERMS AND CONDITIONS

The quotation should contain the following

- i) Technical pamphlets
- ii) Detailed technical specifications
- iii) The agency should furnish copy of license certificate for manufacture/supply of the item.
- iv) The agency should furnish Income Tax PAN/TIN/GST number
- v) Warranty period offered for the tendered item to be specified. If the warranty period is not conforming to the schedule of requirements given in the quotation, and liable to be treated as non-responsive and rejected.
- vi) Copy of orders completed of similar items during the last five years along with the list of customers.
- vii) Commitment for quick service in case of any breakdown.
- viii) List of spares and consumables to be supplied
- ix) Details about service centres and number of service engineers available in each centre in India.
- x) The quotation should furnish the breakup of cost as follows
 - a. Ex-Factory/ Ex-Warehouse/ Ex-Showroom/ off the self-price.
 - b. Packing, Forwarding and Handling charges
 - c. Insurance charges
 - d. Freight up to destination Institution.
 - e. Erection, Assembly, commissioning, incidental service, including testing, training charges
 - f. Tax component (i.e. Excise Duty, Sales Tax, VAT other levies) payable by the Consignee.
 - g. In case of imports, the payment will be made through LC / Foreign DD.
 - h. Delivery cost at site (including Tax Component).