

REVISED

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PROCUREMENT SECTION

ENQUIRY

M/s.

Ref. No.:	LHE-20107
Date:	30.07.2013
Due Date:	28.08.2013

Dear Sir,

You are requested to send your offer for the following items as per the terms and conditions mentioned below.

SL. NO	DESCRIPTION	Quantity
	Thermo Scientific	
1.	Benchtop pH/Conductivity Meter kit pH mode-Range- -2.000 to 20.000; Resolution - 0.1, 0.01, 0.001; Relative Accuracy - ± 0.002 Temperature mode -Range: -5° to 105°C; Resolution - 0.1; Inputs -BNC, reference pin, 8-pin mini-DIN, stirrer port; Output - RS-232,USB; Display - Graphic LCD; simultane us display of measurement, temperature, date/time, sample ID, user ID ,etc.	2 Nos
2.	Hot air oven heating and Drying oven with forced air circulation including two standard shelves, Details attached as annexure	1 No
3.	Muffle Furnace Thermo Scientific Lindberg blue Details attached as annexure	1 No
4.	-30 deep freezer Details attached as annexure	1 No

Your offer should contain the following information:

1. Submit your quotation on F.O.B/C.I.F basis/F.O.R Destination.
2. Delivery Period:
3. Validity of quotation:
4. Quantity/Trade discounts, if any. :
5. Guarantee/Warranty of the product:
6. Taxes applicable (VAT if any):
7. Enclose brochure/leaflet – Specification:
8. **No advance payment** will be made. Payment by irrevocable letter of credit after supply and acceptance of the equipment by NCAOR. The payment will be authorized after submission of a Bank Guarantee for 10% value of the order towards warranty guarantee. The **performance Bank Guarantee** should be furnished within 15 days from the date of placement of order from a reputed bank (scheduled bank in India **or** foreign bank operating in India) valid till 60 days after the warranty period.

9. Overwriting and corrections should be attested properly. The quotation should be complete in all respects and should be duly signed. **Incomplete and unsigned quotation will not be considered at all.**
10. All relevant technical literature pertain to items quoted **with full specifications** (Drawing, if any), information about the products quoted, including brochures if any should accompany the quotation.
11. A list of **reputed clients** to whom the firm has supplied similar items to be furnished along-with the quotation.
12. Quotation should be **valid for a period of 90 days** and the period of delivery required should also be clearly indicated. If the supplier fails to deliver the goods within the time to be agreed upon, for delayed deliveries and for delays in installation (wherever applicable) NCAOR reserves the right to **levy liquidated damages** at the rate of 0.5% per week or part thereof upto maximum of 5%.
13. Warranty shall commence from the date of installation and acceptance of the complete equipment supplied under the Purchase Order / Contract. The **warranty period** and the kind of **post-warranty support** should be indicated.
14. Please **specify the Make/Brand** and Name of the Manufacturer with address, country of origin and currency in which rates are quoted.
15. Both **FOB and CIF prices upto Indian port of entry** namely Goa should be indicated. However quotation should contain item-wise prices including total ex-works price and cost of packing forwarding, approx. cost of air-freight charges for delivery up to Goa, India.
16. A technical Committee constituted by the Director will assess the product supplied/installed for their quality and their conformity to the specifications provided by the firm in their quotations. Any item(s) identified by the Committee to be not as per the specifications or are found to be of inferior quality will be rejected, and the bills towards the supply will not be processed for payment till proper replacements are provided.
17. Suppliers should clearly define the mechanisms of **post-warranty** maintenance or support. Supplier should undertake to support the product for a minimum period of 5 years (post-warranty). Post Warranty, AMC charges for a period of 3 years (annual bases) should also be quoted separately in the quotation.
18. Two sets of operational, service/troubleshooting manuals and diagrams to be supplied.

Please enclose documentary proof such as latest purchase order copies etc., to substantiate the reasonability of price. **Also confirm that the “the rates quoted by you are reasonable and lowest charged to any of your customer”.**

Director, NCAOR reserves the right to reject any quotation received without assigning any reasons.

Yours faithfully

Sd/-

**Executive (Procurement)
For and on behalf of Director, NCAOR**

Specifications As Per Annexure-I

Sr.No.	Description
1	<p>Item Number 2 Specification of Hot Air Oven Hot air oven heating and drying oven with forced air circulation including two standard shelves, Capacity Range: 370 lit. Approximate Inner Dimensions (L x B x H):54.4 cm X 52.2 cm X131.9 cm, Temperature Range:± 20°C to 300°C, Deviation over time/accuracy ≤0.5°C, RS 232 interface for continuous logging and monitoring of the temperature, Automatic upper temperature limits protection which can be adjustable, Air flow: complete control of fresh and exhaust air regulation and removal of saturated air during drying processes (air flap open) at 70°C 1/h 20, at 300°C 1/h 21, Fresh air flow at 300°C:~10.3 m3/h, speed setting facility for air circulation fan can be adjusted manually. Microprocessor temperature controller: Microprocessor-controlled temperature controller with accurate digital display of set point/actual reading, PD/PID control response and soft touch keypad, 24 hour timer for switching on & off. Timed shutdown of the heating and ventilation.</p>
2	<p>Item Number 3 Specification of Muffle Furnance Temperature Range-100° to 1093°C, Temperature Stability - ± 1.2°C at 1000°C, Temperature uniformity -± 3.5°C, Capacity-45L, Advanced LED digital-set/digital-display temperature controller is microprocessor-controlled, LED display simultaneously shows both setpoint and actual furnace temperatures in°C or°F, user-selectable over temperature protection, open thermocouple protection, Safety and Design Features: Heating elements are on chamber top ,bottom and sides for enhanced temperature uniformity, Built-in vent port removes undesirable contaminants and moisture to extend the life of the element and unit, monitoring of chamber temperatures with independent measuring devices, Critical electronic components and heating elements protected by a 35A circuit breaker, Door safety switch stops power to the heating elements when door opens. Digital single setpoint control with a single ramp to setpoint and dwell; single display shows actual temperature or setpoint, Two refractory shelves.</p>
3	<p>Item Number 4 Thermo Scientific-30 deep freezer Capacity 300-350 lts, Microprocessor control-Audible/visual warning for overtemperature, undertemperature or power failure, key-operated OFF/ON/ALARM ON master switch for setpoint security, push-button alarm test, Remote alarm contacts, Alarm silence, ringback, and auto reset, Controller battery backup system; Construction- Scratch-resistant cold-rolled steel interior and exterior finishes, High-density, CFC-free urethane foam insulation to protect against ambient temperature fluctuations, CFC-free, HFC-blend refrigerant, Single-door models, Full length door handle and key lock, Doors self-close and lock open at 90°, Adjustable epoxy-coated wire shelves; Automatic defrost and condensate removal, Sensor automatically initiates defrost cycle on demand, eliminating need for a defrost timer, minimizing frost buildup, and optimizing coil efficiency, Forced- air circulation for temperature uniformity and faster recovery after door is opened.</p>