



केन्द्रीय प्रदूषण नियंत्रण बोर्ड
(पर्यावरण एवं वन मंत्रालय, भारत सरकार)
CENTRAL POLLUTION CONTROL BOARD
(MINISTRY OF ENVIRONMENT & FORESTS, GOVT. OF INDIA)

No. CPCBZOB/Lab/Gen/11-00/ 1633-1642

3rd February, 2015

To

As per the list

Sub: Inviting quotations for supplying **Laboratory refrigeration, Laboratory incubator/ oven, Colony counter, Stirred water bath** and **Biosafety cabinet**.

Sir,

Sealed quotations are hereby invited from the reputed manufacturers/Authorized dealers to supply of **Laboratory refrigeration, Laboratory incubator/ oven, Colony counter, Stirred water bath, Biosafety cabinet** and **Microwave oven** as per the specifications mentioned in annexure and as per the terms and conditions detailed below:

1. Technical bid containing the technical specification of the instruments/equipment shall be kept in a separate sealed envelope (1) and Price bid quoting the price of the instruments/equipment shall be kept separately in another sealed envelope (2) mentioning "**Technical Bid**" and "**Price bid**" on top left side of the envelope respectively.
2. Sealed technical and price bids are to be submitted in another sealed envelope (3) mentioning that "**Quotation for Laboratory Instruments CPCBZOB/LAB/GEN**" on top left side of the envelope.
3. Separate quotation shall be submitted for each and every instrument/equipment individually depending on their capacity to supply the instrument/equipment as per the terms and conditions. Combined quotations for all the instrument/equipment shall be summarily rejected.
4. Compliance to specific features/ specifications may be clearly mentioned against them and relevant product literature may be enclosed in support of the claim.
5. Buyback: Quotation for Buyback shall also be quoted and preference will be given for the same. The instruments/equipment meant for Buyback may be inspected during the Office hours at our premises if required.

दक्षिण औचलिक कार्यालय : निसर्ग भवन, ए-ब्लॉक, प्रथम एवं द्वितीय तल, तिममय्या रोड, ७-डी मैन, शिवनगर, बेंगलूरु - ५६० ०१०.

Zonal Office (South) : " Nisarga Bhawan ", A-Block, 1st & 2nd Floors, Thimmaiah Road, 7th D - Main, Shivanagar, Bangalore - 560 010.

दूरभाष / Telephone : 80-23233739, 23233827, 23233996, 23233600, 23232559, 23226002, 23222539, Fax : 080-23234059

ई-मेल / E-mail : cpcbszo@yahoo.com

प्रधान कार्यालय : परिवेश भवन, पूर्वी अर्जुन नगर, दिल्ली- ११० ०३२.

Head Office : Parivesh Bhawan, East Arjun Nagar, Delhi - 110 032.

दूरभाष / Telephone : 011-43102030, Fax : 22305793, 22307078, 22307079, 22301932, 22304948

ई-मेल / E-mail : cpcb@nic.in वेबसाइट / Website : www.cpcb.nic.in

6. The duly filled in quotation shall reach this office on or before **6th March 2015** at 16:00 hours by post. The quotation may also be dropped in the tender Box kept at this office.
7. The quotation received without separate sealed envelopes for technical and price bid as explained in conditions 1 and 2 shall not be entertained.
8. The instruments/equipment shall be delivered, installed and adequate demo & training to the laboratory staff shall be given at this office.
9. Onsite warranty for one year or more.
10. The call of quotation does not bind the Central Board to place the order.
11. The quotations submitted in response to this notice may be rejected without assigning any reason.
12. The instruments/equipment shall be delivered along with the invoice in original at this office within 30 days from the date of issue of Supply Order
13. The validity of quotation shall be 90 days from the date of opening.
14. The payment shall be released after the delivery, demo and satisfactory performance of the instruments/equipment.
15. Applicable taxes, cess, any other charges if any shall be quoted.

Yours faithfully

एस. सुरेश
31/2/2015

(S. Suresh)
ZONAL OFFICER

Encl.: Annexure: Specifications



ANNEXURE: SPECIFICATIONS

(Please provide product literature in support of specifications and features)

ITEM 01: LABORATORY / PHARMACY/ MEDICAL REFRIGERATOR			
Requirement: 4 Nos (Tentative)			
S.No.	Specifications/ features	Compliance	Better features
1	Uniform cooling by forced circulation		
2	Automatic defrost/ Frost free cooling		
3	Glass door/ solid door		
4	Rust proof external construction		
5	Adjustable internal shelves		
6	Energy efficient compressor and CFC free cooling system		
7	Temperature range 2 to 8°C or better		
8	Digital temperature controller with display and alarm system		
9	Capacity: 300 to 400L		
10	Lockable castor wheels		
11	Internal LED/ fluorescent lighting		

ITEM 02: LABORATORY INCUBATOR			
Requirement: 1 No (Tentative)			
S.No.	Specifications/ features	Compliance	Better features
1	Digital PID controller with timer and alarm		
2	Over temperature safety protection system		
3	Efficient Internal circulation		
4	Silicon Gasket on door		
5	Transparent safety inner glass door		
6	Adjustable internal mesh shelves/ trays		
7	Internal capacity 90 to 120L		
8	Temperature range: Ambient +5 to 70°C		
9	Temperature control accuracy $\pm 0.2^\circ\text{C}$		
10	Rust proof construction with efficient insulation		
11	CE certified and calibrated		

ITEM 03: STIRRED WATER BATH			
Requirement: 1 No (Tentative)			
S.No.	Specifications/ features	Compliance	Better features
1	Digital temperature controller		
2	Temperature range up to 90°C or more		
3	Uniformity: $\pm 0.1^\circ\text{C}$		
4	Resolution: 0.1°C		
5	Tank capacity: 14 to 18L		
6	Over temperature cut off system with alarm		
7	Self cooling stirring motor with anti rust stirrer assembly		
8	SS gabled lid with insulated handle		



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ITEM 04: LABORATORY INCUBATOR/ OVEN			
Requirement: 3 No (Tentative)			
S.No.	Specifications/ features	Compliance	Better features
1	Digital PID controller with timer and alarm		
2	Over temperature safety protection system		
3	Forced convection heating with high accuracy & uniformity		
4	Silicon Gasket and viewing glass window on door		
5	Transparent safety inner glass door		
6	Adjustable internal mesh shelves/ trays		
7	Internal capacity 90 to 120L		
8	Temperature range up to 200°C		
9	Temperature control accuracy $\pm 0.2^\circ\text{C}$		
10	Rust proof construction with efficient insulation		
11	Efficient Internal circulation		
12	Automatic cut off of heater & circulation on door opening		
13	CE certified and calibrated		

ITEM 05: DIGITAL COLONY COUNTER			
Requirement: 1 No (Tentative)			
S.No.	Specifications/ features	Compliance	Better features
1	Stainless steel construction		
2	Desk top compact model		
3	LED display with audio beep counting		
4	Digital counting sensor for use with any hard tip marker		
5	Manual counting switch		
6	Gridded glass plate for counting		
7	Cool white light illumination		

Buy back quote also may be provided. Details of old instruments: Sintex digital colony counter in partially working condition

ITEM 06: BIOSAFETY CABINET/ CLEAN BENCH (CLASS II, TYPE A2)			
Requirement: 1 No (Tentative)			
S.No.	Specifications/ features	Compliance	Better features
1	Stainless steel internal construction		
2	High efficiency HEPA filters for air intake and exhaust		
3	HEPA filter efficiency of 99.97% at 0.3μ particle size		
4	Microprocessor based controller with digital display		
5	Sliding tempered glass door		
6	Analog/ digital magnehelic gauge		
7	Adjustable blower speed		
8	Noiseless operation		
9	Cool white light illumination		
10	High efficiency UV light with timer		
11	Filter change alarm		
12	Rust proof exterior construction with steel		
13	Connections for gas and electrical sockets		
14	Castor wheels for mobility		

Buy back quote also may be provided. Details of old instruments: Jindal make horizontal laminar flow cabinet in partially working condition



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ITEM 07: MICROWAVE OVEN			
Requirement: 1 No (Tentative)			
S.No.	Specifications/ features	Compliance	Better features
1	Capacity: 20 to 30 L		
2	Stainless steel cavity		
3	Power consumption 1000 to 1500 watts		
4	Digital controller with timer		
5	Digital display/ LED		
6	Turn table and other accessories		
7	Transparent door window and cavity illumination		
8	Defrost function		

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