



केन्द्रीय प्रदूषण नियंत्रण बोर्ड

(पर्यावरण एवं वन मंत्रालय, भारत सरकार)

CENTRAL POLLUTION CONTROL BOARD

(MINISTRY OF ENVIRONMENT & FORESTS, GOVT. OF INDIA)

No. Tech/42 /LAS/ZOB/2013-14/ 1923-1935

6th January 2014

To

As per the list

Sub: Inviting quotations for supplying **Laboratory freezer, Biological safety cabinet and stirred water bath.**

Sir,

Sealed quotations are hereby invited from the reputed manufacturers/Authorized dealers to supply of **Laboratory freezer (vertical), Biological safety cabinet (Class II A) and stirred water bath** 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. Both Technical and Price bids are to be kept separately in sealed envelopes and both shall be kept in another sealed envelope (3) mentioning that "**Quotation for Laboratory freezer/ Biological safety cabinet/Stirred water bath**" on top left side of the envelope.
3. Separate quotation shall be submitted for each and every instrument/equipment individually depending on capacity to supply the instrument/equipment as per the terms and conditions.
4. Combined submission of the quotations for all the instrument/equipment shall be summarily rejected.
5. Buyback: Quotation for Buyback shall also be quoted and preference will be given for the same. The instruments/equipment meant for Buyback shall 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 29th January 2014 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 two 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

S. Suresh
6/1/2014

(S.Suresh)
ZONAL OFFICER

Encl.: Annexure

- 1 IIC Computer Sec. To host in web site
- 2 KSPCB - notice board
- 3 CPCB - notice board.

Equipment: Laboratory freezer (Vertical/ upright model)

Requirement: Bioscience lab: Reagent storage/Sample storage/ molecular biology chemical storage

Description: Digital/ Microprocessor controlled vertical freezer for storing critical enzymes, reagents and chemicals for molecular biology/ PCR.

Specifications: Laboratory freezer (Vertical)			Tick applicable	Better specification
S/No.	Particulars	Features		
1	Type	Vertical laboratory freezer		
2	Capacity	170 to 200L		
3	Temperature (minimum)	-40		
4	Accuracy	±1		
4	Alarm	Visual/ Audio alarm		
5	Display	Set/ process value/ timer display		
6	Internal construction	304/316 Stainless steel or better		
7	External construction	Rust proof steel/ 304 SS or better		
8	Power supply	220V, 50Hz, Single phase		
9	Temperature Controller	PID/ Microprocessor controlled		
10	Warranty	Two years or higher from the date of Installation		
11	Calibration	Third Party Calibration Valid for one years		

*Furnish two quotes 1) regular price 2) Buy back price
(Party can inspect the old instrument before quoting buy back price)*

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S. Suresh

Equipment: **Biological safety cabinet (Class II A type)**

Requirement: Bioscience lab: Sample processing/ manipulation

Description: Sample manipulations/ inoculations under sterile condition with higher bio-safety levels

Specifications: Biological safety cabinet (Class II A type)

S.No	Particulars	Features	Tick applicable	Better specification
1	Type	Class IIA bio safety cabinet		
2	Base stand	Adjustable		
3	Average inflow velocity	90 to 110 fpm		
4	Typical noise level	Less than 65dB		
5	Certification	NSF/ EN 12469		
6	Front opening	Tested opening:		
7	HEPA filter	Efficiency 99.999% at 0.2 to 0.3 μ		
8	Work bench construction	Stainless steel working area (1.5mm thickness)		
9	Illumination	850 to 1500 lux		
10	Nominal size of work bench	1.2 to 1.5m		
11	Warranty	Two years from the date of Installation		
12	Calibration	Third Party Calibration Valid for one year		

Furnish two quotes 1) regular price 2) Buy back price
(Party can inspect the old instrument before quoting buy back price)

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Equipment: Water bath (Stirred)

Description: Stirred water bath with powerful internal circulation for accurate temperature with programmable PID microprocessor controller for routine laboratory sample processing and incubation.

Specifications: Water bath (Stirred)

<i>S/No.</i>	<i>Particulars</i>	<i>Features</i>	<i>Tick applicable</i>	<i>Better specification</i>
1	Type	Standard rectangular size stirred water bath with powerful internal circulation		
2	Tank capacity	25 to 30 L		
3	Temperature range	Ambient ± 5 to 99.99		
4	Temperature sensitivity	0.1		
5	Temperature uniformity	± 0.2		
6	Temperature stability	± 0.1		
7	Timer	Digital timer function		
8	Display	Set/ process value/ timer display		
9	Internal construction	304 Stainless steel or better		
10	External construction	Rust proof epoxy coated/ steel		
11	Power supply	230V, 50Hz		
12	Lid	Stainless steel/ Plexiglas		
13	Warranty	Two years or more		
14	Calibration	Calibration certificate valid for one year		

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