

**CENTRAL POLLUTION CONTROL BOARD
ZONAL OFFICE (SOUTH)
7TH 'D' MAIN, THIMMAIAH ROAD, SHIVA NAGAR,
RAJAJI NAGAR, BANGALORE-560 010**

Phone: 080-23233739, 080-23232559, Fax: 080-23234059, E-mail: cpcbso@yahoo.com

No. 20/Admin./ZOB/2013-14/ 769

Dated: 20-08-2013

To

As per the list attached

SUB: Invitation of quotation for supply of PCR thermal cyclers -reg.

Sir,

Central Pollution Control Board is inviting sealed quotations for the supply of below mentioned instrument/ equipment as per following terms and conditions:

1	Name of the instrument	PCR thermal cyclers
2	Specifications	As per ANNEXURE-I
3	Delivery period	03 weeks from the issue of purchase order
4	Validity of quotation	90 days from the date of opening
5	Last date of submission of quotation	13-09-2013, 16.00 hrs

Quotation may be submitted in a sealed envelope containing **two separate sealed covers** for technical specifications and for price bid. Inner sealed covers may be clearly super scribed as '**Technical bid**' and '**Price bid**' respectively. This office will provide DSIR certificate for customs duty exemption. The office may not be able to provide C or D forms, hence applicable taxes/ other charges if any may be quoted. Sealed envelope containing separate technical and price bid may be super scribed "**PCR thermal cyclers: Due on 13-09-2013**" may be submitted to this office by post/ courier or may be dropped in the tender box provided in this office.

Quotations received **without separate sealed envelopes for technical and price bid** shall be rejected. This call for quotation does not bind the Central Board to place order. The quotations submitted in response to this invitation may be rejected without assigning any reason.

Yours faithfully

S. Suresh
20/8/2013

(S. Suresh)

ZONAL OFFICER

Copy to:

- 1) IT Division, H.O., Delhi – With a kind request to upload in the CPCB web site, pl
- 2) The Lab In-charge, CPCB, Bangalore.
- 3) Notice board, CPCB, Bangalore.
- 4) Notice board, KSPCB, Bangalore.



ANNEXURE I

Polymerase chain reaction (PCR) thermal cycler

<i>Specifications</i>	<i>Features</i>
Block format	48/96 well format
Heating/ cooling technology	Peltier technology based heating and cooling of block
Sample capacity	0.2 / 0.5ml PCR tubes
Temperature range	4 to 99.9°C or better
Temperature uniformity	±0.4 to 0.5°C or better
Temperature accuracy	± 0.3°C or better
Heating/ cooling ramp rate	2.0 – 3.0°C/ second or better
Adjustable ramp rate	Yes
Display	User friendly graphical interface/ LCD
Input method	Keypad/ touch screen
Lid	Heated lid
Auto restart/ resume function	Yes
Programmable pauses	Yes
PC interface	USB
Programme set up	Fast and easy programme setup
Memory	Minimum 100 protocol onboard / USB storage
Security	User login with password protection
Foot print	Light weight and compact design.
Power requirement	220-240V, 50-60Hz
Power saving/ Standby function	Yes
Warranty	2 years or more.
Optional feature	Thermal gradient function/ multiple temperature zones for PCR optimization