

Ref: INS/L-5515/2019-2020(Y)

Date : 04/10/2019

ENQUIRY

Dear Sirs,
Please let us have your lowest Quotation for the following :

Sl.No	Cat.No	Item Description	Make/Model	Item Qty	UOM
1		Dual Block Gradient PCR (Dual Block Gradient PCR (Specifications Attached)		2.00	No.

Remarks: 2 PART TENDER: The Technical and Financial / Price Bids shall be submitted simultaneously in two (2) cover (sealed) system. The proposals shall be evaluated in two stages: (1) Technical and (2) Price / Financial. Technical evaluation will be carried out and those Vendors who score minimum 75% will qualify for Price Bid opening. Thereafter, Financial Proposal shall be evaluated. The Commercially LOWEST BIDDER shall be the first preferred Vendor for award of Order.

Note :

1. The bids shall be enclosed in an envelope , and due date sealed duly marked "Tender for _____" Ref No : _____. The bids should be addressed and to be mailed to "THE HEAD-PURCHASE". The bids are liable to be rejected if the sealed envelope is not addressed to "THE HEAD-PURCHASE" with Tender Ref No and Item Description and due date. The bids delivered in person shall be dropped in Purchase Section. If the bids are sent through courier or mail , it should reach by submission Date and Time and inStem will not be responsible for the delay.

**2. DUE DATE FOR SUBMISSION OF QUOTATION AGAINST THIS ENQUIRY IS
21/10/2019 till 2.30 p.m.**

3. QUOTATIONS RECEIVED AFTER THE DUE DATE SHALL BE REJECTED.

4. The Validity of your quotation should be for 60 days from the date.

5. All duties, taxes, surcharge and cess as currently applicable must be stated in your quotation, separately. Otherwise your quote is liable to be rejected.

6. Your quotation should indicate delivery period & Warranty period.

7. Delivery to be made to our Stores. Please indicate charges, if any extra. Transit Insurance should be done upto inStem Stores.

8. If you are unable to supply the quality, specifications or brand as mentioned in our enquiry, Please state so and then offer alternative to quality/Specifications.

9. Payment : within one month after delivery & acceptance/satisfactory installation.

10. Please ensure that the enquiry number and the due date is superscribed on the envelope failing which your quotation is liable to be rejected.

11. Since we are a public funded research institution, we are exempted from paying Customs Duty (Except ad valorem duty of 5% + 2% cess and CVD @4% vide Notification No.51/96 with latest amendments) and excise duty vide Notification No.10/97 CENTRAL EXCISE dated 01-03-1997 for all scientific equipments, technical instruments, equipments (including computers), their accessories, spares, consumables and software. Hence, please offer your prices taking this option into consideration.



Institute For Stem Cell Biology and Regenerative Medicine

Autonomous institute of the Department of Biotechnology, Government Of India



Ref: **INS/L-5515/2019-2020(Y)**

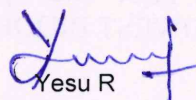
Date : 04/10/2019

12.If the item is covered under DGS&D rate contract,please quote the rate as per the DGS&D rate contract with xerox copy of the DGS&D order.

13.Any dispute or differences that may arise between the parties shall be referred to the sole arbitration of the Centre Director or his nominees.The decision of the arbitrator shall be final and binding on the parties.The venue for arbitration shall be Bangalore.The provisions of the Arbitration and Concillation Act,1996 as amended from time to time shall apply.The Courts in Bangalore shall have exclusive jurisdiction to deal with any or all disputes between the parties.

Yours faithfully

For and on behalf of Insitute For Stem Cell
Biology and Regenerative Medicine


Yesu R



GKVK, Bellary Road, Bangalore-560065,INDIA

Phone No. : 91-80-23666343/344/345/346

Fax : 91-80-23636662

Email Id: purchase@ncbs.res.in

Website : www.ncbs.res.in



2 PART TENDER FOR Dual Block Gradient PCR -Qty 02 Nos.

P.O. No: INS/L-5515/2019-2020(Y)

Tender Specification for Dual Block Gradient PCR - Qty 02 Nos

- Asymmetric independently controllable universal dual block with 64 and 32 wells
- Block should accommodate PCR tube strips, 0.2ml & 0.5 mL PCR tubes or Eppendorf divisible PCR plate
- Should be capable of testing temperatures at Denaturation, Annealing & Extension steps
- Should have 12°C gradient range
- Gradient technology should ensure identical ramp rates in both gradient and normal operation
- Gradient temperature range from 30 – 99°C
- Heating and cooling of block must be through peltier technology
- Should use patented Triple Circuit Technology ensuring precise control of temperature
- Block temperature control range must be 4°C to 99°C
- 'Fast, Standard and Safe' temperature control modes are must
- Lid Temperature range: 37 - 110 °C
- Block Temperature Accuracy: $\pm 0.2^{\circ}\text{C}$
- Block Homogeneity: $\leq \pm 0.3^{\circ}\text{C}$ (20°C to 72°C); $\leq \pm 0.4^{\circ}\text{C}$ (90°C)
- Heating rate: 3 °C/s; Cooling rate: 2 °C/s
- Lid descent and closing pressure must use Flex lid technology with Thermal sample
- Protection (TSP) to accommodate PCR tubes with flat or domed caps
- Should have large display with Intuitive Graphic programming
- Should have Administrator and user login with or without PIN for enhanced security
- Inbuilt advance scheduling feature for user's convenience will be a preference
- Pre-programmed protocol templates for easy selection
- Should have Time or Temperature increment with cycles in PCR program
- Adjustable ramp rate is must to meet critical amplification conditions
- Customized programming allows a maximum of 20 steps and 99 cycles
- Auto Restart facility with user defined time interval when power fails and resumes
- Instrument status indicating the step, cycle and remaining runtime during the run
- Should display Runtime in larger font for better view from distance
- Should have Two USB ports: for Protocol transfer, Self-test, USB, printer / mouse
- Should have Log book function for error messages and new calibration
- E-mail Notification
- Power save Standby function
- Cooling vents at bottom and rear allow placing other instruments in limited bench space
- System should have provision to connect any TWO Master cycler nexus eco variants (96-well block, 64/32 dual block, and/or flat block) for ultimate throughput
- Optional Self-test dongle to check functionality of all 6 peltier elements
- Interface: USB, Ethernet, CAN in, CAN out
- Maximum power consumption: 700 W
- Calibration according to NIST (USA), DKD/PTB (Germany) UKAS/NPL (UK), UL/cUL listed
- Should comply to RoHS (2011/65/EU)
- 3-year warranty and calibration check at the end of 2 years, Bangalore based engineer should perform the installation and training. He/she must be available to rectify any technical issues within 2 working days in warranty period.

Terms and Conditions:

1. The Technical and Financial / Price Bids shall be submitted simultaneously in two (2) cover (sealed) system. The proposals shall be evaluated in two stages: (1) Technical and (2) Price / Financial. Technical evaluation will be carried out and those Vendors who score minimum 75% will qualify for Price Bid opening. Thereafter, Financial Proposal shall be evaluated. The Commercially LOWEST BIDDER shall be the first preferred Vendor for award of Order.
2. **first sealed cover – Cover I**, and super scribed as **“Techno-commercial Bid”** and should contain Complete Technical details of the Instrument offered (Specifications, Technical Parameters, Advantages, etc.,)
3. The **second sealed cover – Cover II** super scribed **'Price Bid'** should contain **only rates** (should be duly signed with seal and filled with date wherever necessary)
4. THESE TWO COVERS SHALL BE AGAIN PUT INTO A SINGLE WAX SEALED COVER super scribed **“Dual Block Gradient PCR - Qty 02 Nos.”** and should reach **INSTEM on or before 21-10-2019 before 14.30 hrs**. This should be addressed to the Purchase Officer, inStem, NCBS, GKVK Post, Bellary Road, Bangalore – 65.
5. The tender to be quoted in foreign currencies & any other currencies approved/traded by RBI- USD/Euro/JPY/GBP/SGD/CAD/INR.
6. If the items as per specifications in our P.O. is not supplied (shipped) within the specified delivery schedule, then liquidated damages (not in terms of penalty) will be imposed automatically and shall be deducted from the bill at the rate of 0.5% per week subject to a maximum of 10% of the order value.

INFORMATION TO TENDERERS

The Tender shall be evaluated under 2 (Two) Bid System

- I Technical Bid**
- II Financial Bid**

TECHNICAL SPECIFICATIONS & EVALUATION CRITERIA WITH MARKS FOR 2 PART TENDER FOR “Dual Block Gradient PCR - Qty 02 Nos”.

Tender Specification for Dual Block Gradient PCR	Score
Asymmetric independently controllable universal dual block with 64 and 32 wells	25
Block should accommodate PCR tube strips, 0.2ml & 0.5 mL PCR tubes or Eppendorf divisible PCR plate	
Should be capable of testing temperatures at Denaturation, Annealing & Extension steps	
Should have 12°C gradient range	
Gradient technology should ensure identical ramp rates in both gradient and normal operation	
Gradient temperature range from 30 – 99°C	
Heating and cooling of block must be through peltier technology	
Should use patented Triple Circuit Technology ensuring precise control of temperature	
Block temperature control range must be 4°C to 99°C	
'Fast, Standard and Safe' temperature control modes are must	
Lid Temperature range: 37 - 110 °C	25
Block Temperature Accuracy: ± 0.2°C	
Block Homogeneity: ≤ ±0.3° C (20°C to 72°C); ≤ ± 0.4° C (90°C)	
Heating rate: 3 °C/s; Cooling rate: 2 °C/s	



Lid descent and closing pressure must use Flex lid technology with Thermal sample Protection (TSP) to accommodate PCR tubes with flat or domed caps	
Should have large display with Intuitive Graphic programming	
Should have Administrator and user login with or without PIN for enhanced security	
Inbuilt advance scheduling feature for users convenience will be a preference	
Pre-programmed protocol templates for easy selection	
Should have Time or Temperature increment with cycles in PCR program	
Adjustable ramp rate is must to meet critical amplification conditions	
Customized programming allows a maximum of 20 steps and 99 cycles	
Auto Restart facility with user defined time interval when power fails and resumes	
Instrument status indicating the step, cycle and remaining runtime during the run	25
Should display Runtime in larger font for better view from distance	
Should have Two USB ports: for Protocol transfer, Self-test, USB, printer / mouse	
Should have Log book function for error messages and new calibration	
E-mail Notification	
Power save Standby function	
Cooling vents at bottom and rear allow placing other instruments in limited bench space	
System should have provision to connect any TWO Master cycler nexus eco variants (96-well block, 64/32 dual block, and/or flat block) for ultimate throughput	
Optional Self-test dongle to check functionality of all 6 peltier elements	
Interface: USB, Ethernet, CAN in, CAN out	
Maximum power consumption: 700 W	25
Calibration according to NIST (USA), DKD/PTB (Germany) UKAS/NPL (UK), UL/cUL listed	
Should comply to RoHS (2011/65/EU)	
3 year warranty and calibration check at the end of 2 years	
Bangalore based engineer should perform the installation and training. He/she must be available to rectify any technical issues within 2 working days in warranty period.	
total	100
<p>Evaluation will be carried out and those Vendors who score minimum 75% will qualify for Price Bid opening. Thereafter, Financial proposal shall be evaluated. The Commercially LOWEST BIDDER shall be the first preferred Vendor for award of Order.</p>	



