

ZAKIR HUSAIN DELHI COLLEGE

UNIVERSITY OF DELHI

Jawaharlal Nehru Marg, New Delhi 110002

Notice Inviting Tender

Ref.No. ZH-1901/DST/Thermal Cycler

The Principal Investigator, DST-Funded Project, Zakir Husain Delhi College (University of Delhi) JLN Marg, New Delhi-110002, on behalf of Principal, Zakir Husain Delhi College (University of Delhi), JLN Marg, New Delhi-110002 invites online Open Tender on two bid system (Technical and Financial bid) from O.E.M. (Original Equipment Manufacturers) or their authorized dealers/agents under Budge Head:- :-“Non-recurring (Equipment /Laboratories) in DST-funded Major Research Project” for the supply and installation of equipment listed below:

S.No.	Item name	Quantity	Tender Reference No.
1	Thermal Cycler	01	<u>Ref.No. ZH-1901/DST/Thermal Cycler</u>
TECHNICAL SPECIFICATIONS			
1. System should have dual 48-well blocks to run two different protocols at the same time or 96-well block/strips/PCR plate.			
2. Volume = 0.2 ml tubes			
3. Heating Rate: 3-5°C/sec, Cooling Rate: 2-4°C/sec with temperature accuracy: ± 0.1-0.2°C; Temperature Uniformity: ± 0.2-0.4 (30-72°C, 10s); Temperature range: 0-100°C			
4. Reaction Volume Range: 5-100 µl			
5. System should have Gradient temperature range 1-30°C with 12 temperature zone gradients functionality without sacrificing uniformity in each block with temperature range 4-100°C			
6. Hot lid temperature range: 30-110°C (adjustable default 105°C)			
7. Display size 6-8 inches, touch screen			
8. Editable built-in standard program file templates			
9. Choice of saving methods up to 1000-10,000			
10. Instrument Memory: USB & On-Board			
11. Program Features: Auto re-start (after power outages), Program overwrite protection			
12. System should have option to be upgraded by USB port.			
13. Tm Calculator: Menu driven through touch screen			
14. Online UPS 2KV with battery backup of more than 1.5 hours			
15. Should have a comprehensive warranty for 5 years on the instrument			

1. Tender document can be downloaded from college website www.zakirhusaindelhicollege.ac.in or from Central Public Procurement portal: www.eprocure.gov.in. Physical submission of bids will not be accepted.

2. Bid submission end date **THREE** weeks from the date of publishing of NIT on Central Public Procurement Portal.

3. Address for physical submission of **documents**: - The Principal, Zakir Husain Delhi College, University of Delhi, Jawaharlal Nehru Marg, New Delhi-110002. Representatives coming for the same should have an authorization letter from their company (**dealing time 02:00 p.m. to 04:00 p.m.**).

4. The tender must be valid for acceptance for at least a **period of 120 days** from the date of opening of the bids. However, this may be extended for the period approved by the College (subject to approval) with consent of the bidder.

5. The Principal Investigator, DST-funded Project, Zakir Husain Delhi College (University of Delhi), JLN Marg, New Delhi-110002 reserves the right to accept or reject or cancel any tender or relax any part of the tender offer, without assigning any reason thereof.

-Sd/- Sunilkumar
09/04/2019
Dr. Sunil Kumar
Principal Investigator
DST-MRP "Understanding.....System"
Zakir Husain Delhi College
(University of Delhi)
JLN Marg, New Delhi-110002

Principal

PRINCIPAL
ZAKIR HUSAIN DELHI COLLEGE
JAWAHAR LAL NEHRU MARG
NEW DELHI-110002