



University of Calcutta

87/1, College Street, Kolkata-700 073

E-Tender No. WBDST/DC/EQUIPMENT/25-26/1

Date: - 11.11.2025

University of Calcutta invites e-tender **Item rate item wise tenders** are invited for supply of following ITEMS for the **WBDST Funded Project, Department of Genetics, University of Calcutta.**

Name of work: Item wise item rate tender for Supplying, fitting, fixing and commissioning of following ITEMS, **Department of Genetics, University of Calcutta.**

Earnest Money (EMD): Rs. 8200/-

Name of the Item	Bid Validity Days	Time of completion of work	Earnest Money (EMD) Rs.	Name of the Concerned Department
1. Gradient Thermal Cycler: Make Biorad 2. Analytical Balance with four decimal point precision: Make METTLER	120 days	30 days	8200/- (To be deposited Online)	Department of Genetics, University of Calcutta.

- **Time Extension:** Time is the essence of the contract, generally no time extension will be allowed. But, in case of Force Majeure, the extension of time may be considered on the basis of actual situation and subject to consideration of the Tender Inviting Authority.
- **Penalty Charges:** Penalty charges will be imposed @ 0.1 % per week on the tendered amount subject to Maximum @ 10% of the tendered amount, if the work will not be completed within stipulated time period of the tender.
- **No extra payment to be paid beyond the tendered amount.**
- The Tender Inviting Authority reserves the right to accept or reject any tender without assuring any reasons.
- **The intending bidder must quote for the items of work in BOQ as per the rule of the Item wise/Item Rate Tender on the basis of their relevant Trade license and credentials for similar nature of works@ 75% of the Tendered value (At least) within last three years in any State University/Govt./Semi-Govt./Autonomous Institutions**

Bid Opening Place: - University of Calcutta at 87/1 College Street, Darbhanga Building, Ground Floor Kolkata-700073.

Technical Specification

Supplying, installation and commissioning of the Gradient Thermal Cycler: Make Biorad and Analytical Balance with four decimal point precision: Make Mettler

List of Items:

<i>No</i>	<i>Items</i>	<i>Qty</i>
<i>1</i>	<i>Gradient Thermal Cycler (T100): Make Biorad or Equivalent</i> • Should have a sample capacity of 96x0.2ml tubes, 0.2ml tube strips or universal or standard 1x96-well plate of 8x12 format with six or more Peltier heating and cooling. • System which are not capable of taking plates will not be considered. • Should have true gradient capability with Dynamic ramping technology, other technologies apart from gradient will not be considered. • Should have the feature of dynamic ramping with identical hold times for all the 8 rows of gradient. • Should have a temperature differential range of 1-25degC across the rows. • Should have intuitive 5.7" (14.5 cm) touchscreen interface which can displays graphics in high resolution for easy programming. • The touch screen should be responsive for both gloved and ungloved fingers. • Should be capable of running reaction volumes from 1-100ul. • Should have a maximum ramp rate of 4degC/second. • Should have a temperature range of 4-100 deg C • Should have a gradient range of 30-100 deg C • Should have a temperature accuracy and uniformity of ± 0.5 deg C • Should have a memory of >500 programs with further expansion through a USB Flash drive for transfer of files. • Should have block and calculated temperature control modes. • The software should be capable of exporting Run logs and system error logs • Should have quick boot up time of not more than 1 min. • Should be quiet in operation. • System should have built in library of standard protocols for long PCR, fast PCR, reverse transcription PCR etc. • Should have the feature of "Instant Incubation" to keep samples at constant temp for ligation and restriction digests. • Should have power save mode. • Should be compatible with all kind of plastic consumables and reagents specially reusable sealing Mats. • The vendor supplying the Instrument should also have the capability of supplying cDNA Synthesis Kit, Hot Start Taq Polymerase, plastic ware, and horizontal electrophoresis system with power pack from the same Principal Company • Should be supplied with 1 KVA UPS • Warranty: One Year	<i>01item</i>

2	Analytical Balance: Make Mettler, Model : LA204 or Equivalent It should be Maximum Capacity 220 g It should be Readability 0.01 mg It should be Repeatability, typical 0.08 mg It should have Minimum Weight (U=1%, k=2), typical 16 mg It should have Settling Time 3 s It should have Adjustment Internal It should have Interfaces Bluetooth RS232 USB -A It should have Display : LCD hybrid touchscreen It should have Minimum Weight (USP, 0.1%, typical) 160 mg It should have Weighing Pan Diameter 90 mm It should have Approved Balance No It should have Balance Line LA Balance Type Analytical Balance It should have Level Standard USA It should have Technology : Electro Magnetic Force Compensation It should have Internal Calibration. Easy Direct Balance Software : License Easy Direct Balance Collect weighing data from up to 3 Advanced and Standard level balances via Ethernet or RS232 interface on one PC. Easily review results, generate reports, and export data in various formats. Warranty One Year	01 item
---	--	---------

Important Dates:

Sl. No.	Items	Publishing Date (s)
1	Date of uploading of N.I.T. & Tender documents (online) from this end	11.11.2025, 06:00 P.M
2	Documents downloading, Starting date (online)	11.11.2025, 06:00 P.M
3	Bid submission, starting date (online)	11.11.2025, 06:00 P.M
4	Bid submission, closing date (online)	08.12.2025, 10:00 A.M
5	Bid opening date for Technical Proposal (online)	10.12.2025, 10:00 A.M
6	Pre Bid meeting	To be communicated later
7	Date of uploading of the list of Technically qualified Bidder (online)	To be communicated later
8	Date and Place for opening of Financial Proposal (online)	To be communicated later
9	Date of uploading of the list of bidders along with the approved rate	To be communicated later

INSTRUCTIONS TO BIDDERS

Instructions / Guidelines for electronic submission of tenders have been annexed for assisting the contractors to participate in e- tendering.

- I. **Registration of Bidder:** - Any bidder willing to take part in the process of e -tender will have to be enrolled & registered with the Government e - Procurement system through logging on to <https://wbttenders.gov.in>. The bidder is to click on the link for e - Tendering site as given on the web portal.
 - II. **Digital Signature Certificate (DSC):** - Each bidder is required to obtain a class - II or class - III Digital Signature Certificate (DSC) for submission of tenders from the approved service provider.
 - III. **Collection of Tender documents:** - The bidder can search & download NIT & Tender documents electronically from computer once he logs on to the website mentioned Clause 1 using the Digital Signature Certificate. This is the only mode of collection of Tender documents.
- IV. **Cost of Earnest Money (EMD)**

Name of the Item	Earnest Money (EMD) Quoted INR	Transaction No. & Date	Bank Name
Item wise item rate tender for Supplying, fitting, fixing and commissioning of following ITEMS, Department of Genetics, University of Calcutta.	8200/- (To be deposited Online)		

Earnest Money (EMD):- Intending bidders are requested to deposit Rs. 8200/- (to be deposited online by each bidder) only to be deposited by the bidder concerned electronically: online – through his net banking enabled bank account, maintained at any bank or: offline – through any bank generating NEFT/RTGS Challan from the e-tendering portal. Intending bidder will get the beneficiary details from e-tender portal with the help of Digital Signature Certificate and may transfer the EMD from their respective Bank as per the Beneficiary Name & Account No., Amount, Beneficiary Bank name (ICICI Bank) & IFSC Code and e-Proc Ref No. Intending bidder who wants to transfer EMD through NEFT/RTGS must read the instruction of the Challan generated from E-Procurement site.

Bidders are also advised to submit EMD of their bid, at least 3 working days before the closing date for bid submission as it requires considerable time for processing of Payment for EMD.

For getting exemption of EMD: - Bidders are requested to upload the relevant NSIC / MSME Registered Certificate against each item work for getting exemption of EMD, failing which their Tender will be rejected. For that they need to select the EMD page as Yes and provide the exemption type as fixed and put the actual EMD amount in Rupees and upload the exemption document.

N.B.: During evaluation, the bidders may be invited and clarification/ information or additional documents or original hard copy of any of the documents already submitted may be sought from them & if these are not produced within the stipulated time frame, their bid will be liable to rejection.

Rejection of Bid:

Tender Committee reserves the right to accept or reject any Bid and to cancel the Bidding processes & reject all Bids at any time prior to the award of Contract without thereby incurring any liability to the affected Bidder or Bidders or any obligation to inform the affected Bidder or Bidders of the ground for Tender Committee's action.

I. Submission of Tenders:-

- a. **General process of submission:** - Tenders are to be submitted through online to the website <https://wbtenders.gov.in> in two folders at a time for each work, one is Technical bid and other is Financial Bid before the prescribed date and time using the Digital Signature Certificates.
- b. **Technical Bid:-** Technical Bid contain scanned copies of the followings further in two cover (folder).
- c. **Online bid submission process (Bidder/Contractor) in**
<https://wbtenders.gov.in> portal, download the pdf file.

II. Statutory Cover Containing

- i) NIT and Corrigendum if any (Download the NIT and upload the same by digitally sign).

VII. NON-STATUTORY/MY DOCUMENTS containing the following documents:

Sl.No.	Category	Sub Category	Sub-Category Description
A.	Certificates	Certificates	1. PAN Card
			2. Professional Tax Registration Certificate
			3. GST Registration Certificate
			4. Valid Trade License
			5. ISO Certificate
			6. NSIC / MSME Registered Certificate for getting Exemption of EMD.
			7 For non-registered organizations under NSIC/MSME, EMD documents are to be enclosed.
			8. Certificate of sole Authorized agent for supplying foreign instrument.
B.	Credential	75% of the total amount of work in government, autonomous organization, state universities.	

Note: Failure of submission of any of the above-mentioned documents will render the tender liable to be summarily rejected for both statutory & non statutory cover.

VIII. Financial Bid: - BOQ in INR (in excel sheet)

- i) The financial bid should contain the following documents in one cover (folder) i.e. Bill of Quantities (BOQ). The contractor is to quote the rate through online in the space marked for quoting rate in the BOQ.
- ii) Only downloaded copies of the above documents are to be uploaded, virus scanned & digitally signed by the contractor.
- iii) The lowest bidder should be the sole authorized agent of the foreign instrument as per specification mentioned in BOQ and purchase order will be issued either to the Indian sole authorized agent (Lowest bidder) or in favour of the manufacturer (For foreign organization only) duly certified by the lowest bidder (sole authorized agent) and as per terms & condition of the lowest bidder.

IX. Opening & Evaluation of Tender:-

Opening of Technical Bid:

- i) Technical bid will be opened by the University of Calcutta Officials. Intending bidders may remain present if they so desire. Statutory Cover (folder) would be opened first & if found in order and correct Non Statutory Cover (folder) will be opened. If there is any deficiency in the Statutory & Non statutory documents the tender will summarily be rejected.
- ii) Decrypted (transformed in to readable formats) documents of the non statutory cover will be downloaded & handed over to the evaluation committee.
- iii) List of technically qualified bidders would be uploaded.

NB: While evaluation, the committee may invite the bidders & seek clarification/ information or additional documents or original hard copy of any of the documents already submitted & if they are not produced within the stipulated time frame, their bid will liable for rejection.

X. Opening and evaluation of Financial Bid:

Financial bid of bidders declared technically eligible by the Committee will be opened electronically from the web portal on the prescribed date and time.

XI. Penalty for suppression/ distortion of facts:

Submission of false document by bidder is strictly prohibited and will be liable for rejection of the tender.

XII. Special conditions related to Payment Terms:

- 1) The rate should be inclusive of all Govt. taxes and cost of loading, un-loading, and commissioning to the University of Calcutta.
- 2) Only one currency will be given.
- 3) The lowest bidder should be the sole authorized agent of the foreign instrument as per specification mentioned in BOQ and purchase order will be issued either to the Indian sole authorized agent (Lowest bidder) or in favour of the manufacturer (For foreign

- organization only) duly certified by the lowest bidder(sole authorized agent) and as per terms & condition of the lowest bidder.
- 4) The payment terms would be 100% Letter of Credit on submission of shipping documents.
 - 5) The quote should be submitted up to CIP Kolkata basis. For clearing, charges will be added to the main system cost in any single currency only.
 - 6) The lowest bidder should quote the rate of clearing charge in any single currency only.
 - 7) 100% Payment will be made after delivery, successful installation and commissioning of the equipment.
 - 8) Vendor should mention the terms & conditions of payment in the Technical Bid (NON-STATUTORY/MY DOCUMENTS).
 - 9) The price quote should be broken up into basic rate, all government taxes, loading, unloading carrying etc. all complete.

Dipankar Chakraborti

Dr. Dipankar Chakraborti
Associate Professor
Department of Genetics
University of Calcutta