

# BIDHAN CHANDRA KRISHI VISWAVIDYALAYA

All India Coordinated Wheat & Barley Improvement Project  
Mohanpur, Nadia, West Bengal-741235

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## Tender Notice

The Principal Investigator, ICAR- CIMMYT project "Accelerating genetic gain for maize & wheat livelihood", BCKV, Mohanpur, Nadia, is inviting tenders from reputed, competent and *bonafide* manufacturers/ distributors/ dealers/ agents/ vendors/ parties having registration of GST for supply of the following items at said department, Mohanpur, Nadia within 16.08.22 (4:00 pm) as per specifications appended below:

Sl. No.	Name of the Item	Qty.	Details Specification
1.	PCR Machine	1	<p>The system should be a 96 well Thermal Cycler with six separate blocks of six different temperature zones to run six different assays with varying annealing temperatures at the same time.</p> <p>Each block to accommodate 16 wells and having the ability to set up PCR with a specific temperature differential of up to 5 degrees centigrade between blocks.</p> <p>Run up to 6 separate temperatures in the same plate with user defined time to determine the optimal annealing temperatures.</p> <p>On board Tm calculator facility to approximate the optimal annealing temperature.</p> <p>The system should provide for Standard and fast enabled cycling modes with the ability to use 0.2ml / 0.1ml PCR tubes or micro-well plates.</p> <p>The system should support PCR volumes ranging from 10 to 80 µl.</p> <p>Thermal Range – 4-99.9°C</p> <p>Max heating rate – 6°C/sec</p> <p>Max cooling rate – 5°C/sec</p> <p>Thermal uniformity – <math>\leq \pm 0.5^\circ\text{C}</math></p> <p>Thermal accuracy – <math>\leq \pm 0.20^\circ\text{C}</math></p> <p>Gradient temperature range- 30-99°C</p> <p>Gradient temperature uniformity- <math>\pm 0.3^\circ\text{C}</math></p> <p>Gradient temperature accuracy- <math>\pm 0.3^\circ\text{C}</math></p> <p>Programmable heat lid cover from 30 degree to 110 degree centigrade for efficient PCR optimization.</p> <p>Mouse or stylus free navigation capability with VGA colour touch screen allowing for easy intuitive graphical user interface programming.</p> <p>Choice of saving 1000 or more protocols to the instrument or unlimited to a USB memory stick.</p> <p>Security: The system should have the ability to store methods on a memory stick.</p> <p>Portability: The system should have a USB port to transfer methods from one machine to another.</p> <p>System should allow easy product updates via USB port.</p> <p>The system should have auto-restart programme after power failure and should have programme overwrite protection.</p> <p>I. The machine should be duly certified / authorized for PCR process.</p>

### Terms & Conditions:

- i) Preparation of bids: the tender should be submitted under two bid system (i.e. technical and financial bid) with validity for a period of 6 (six) months.
- ii) Technical bids will be evaluated by the Technical Committee and the financial bids will be opened of those bidders who qualified in technical bids. Manufacturer certificate must be submitted with technical bid; otherwise, the technical bid will be treated as cancelled.
- iii) **In case of Foreign company's make items** - The prices of all the equipment and items, including imported ones, should be quoted in net per unit (including all taxes and duties, etc.) and in Indian Rupees only, even if the main equipment is quoted in foreign currency (However, University will provide valid **DSIR** and authorization certificate to the clearing agent, if required). Quotation must include essential accessories of the system, otherwise it will be considered as incomplete tender. Quoted rates must be F.O.R. DESTINATION (including packing, insurance and delivery charges up to the laboratory at AICRP on Wheat & Barley, BCKV, Mohanpur, Nadia). The bidders must stipulate the delivery period of the same.
- iv) Reduced rate of GST (5% or as Govt. approved GST of the specific instrument) is applicable to the University.
- v) Payment will be made after satisfactorily installation, demonstration and working performance of the items.
- vi) EMD: Rs. 5000 (Rupees five thousand only) in the form of Bank Draft in favour of 'Bidhan Chandra Krishi Viswavidyalaya' payable at Kalyani (IFSC: SBIN0001082). Scanned copy of the demand draft must be uploaded as supporting document during submission of e- tender. Without EMD, quotations /bids will not be considered for technical and financial comparison. EMD exemption certificate must be attached, if any.
- vii) The vendor should have some experience for supplying of different items to any Government / Semi Government organization.

### viii) Important safety standards

The instrument must conform to International EMC and Safety standards.

### ix) Warranty

Warranty period minimum 1 Year or more from the date of installation. Manufacturer may have their own dedicated Service Centre available in India, preferably in Kolkata/Kalyani or Mohanpur and details of Service Centre may be provided while submitting their Quotations.

### x) General

Quotations should be submitted either by an OEM or their Authorized Distributors only. Valid Authorization Certificate from OEM is required in case of Quotations are submitted by Distributors.

### xi) Supporting documents (as applicable):

- a) Bid papers should accompany authorization certificate from original manufacturer and/or Manufacturer certificate, GST registration, Latest IT return, PAN and other statutory documents, if any.
- b) Scanned copy (self attested) of the original supporting document in favour of the specification – claim for each items must have to be uploaded separately
- c) User list along with certificate from reputed users also need to be uploaded.
- e) Price bid of the vendors will be compared only if technical specifications are fulfilled.
- f) The Viswavidyalaya reserves the right to accept or reject any tender without showing reason.

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As per decision of the 20th LTC meeting held on 29/07/2022, the Tender Notice is approved for uploading in the University Website.

Forwarded to the Registrar  
on 29/7/22

Principal Investigator

(ANIRBAN MAJI)

Reg: