

केन्द्रीय मूगा एरी अनुसंधान
एवं प्रशिक्षण संस्थान

(आई.एस.ओ. 9001:2008 प्रमाणित संस्थान)
केन्द्रीय रेशम बोर्ड

वस्त्र मंत्रालय : भारत सरकार

लाहदोईगढ़, जोरहाट - 785700, असम

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CENTRAL MUGA ERI RESEARCH
& TRAINING INSTITUTE

(An ISO 9001:2008 Certified Institute)

CENTRAL SILK BOARD

Ministry of Textiles: Govt. of India

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Date: 06.06.2018

Sub: Inviting rate quotation for Scientific Equipments - Reg.

Sealed rate quotations are hereby invited for supply of the Scientific Equipments for this Institute. Interested parties/suppliers may offer their rate in two bid system for the same as detailed below.

Sl. No.	Name of the Items	Aprox. Qty.	Specification
1	PCR Machine	1 No.	Enclosed Annexure-I

The **Technical bid** should consist of all technical details, EMD, specifications along with commercial terms and conditions. The **Financial bid** should consist of item price as mentioned in the technical bid. Dealership certificate, company price list and other parameters like guarantee/warranty, service facilities, etc. should also be enclosed. The financial bid will not be considered and opened if the required specifications are not met with the technical bid. The technical and financial bids should be sealed in separate covers duly superscribed technical bids for equipments & financial bids for the equipment respectively and both the sealed envelopes are to be put in a bigger cover which should also be sealed.

The sealed quotation should be addressed to **The Director, CMER&TI, Central Silk Board, Landoigarh, Jorhat-785700, Assam** superscribing as "**Quotations for SUPPLY OF "Scientific Equipments"**".

The quotation should reach this office on or before **05-07-2018 at 2.30 p.m.** positively and the technical bid will be **opened at 3.00 p.m.** on the same day in presence of the parties who choose to be present. If the quotation opening date happens to be holiday, the quotation will be opened on next working day at the same time. The Financial Bid of those parties who qualify the technical bids only will be opened **within 15/20 days** from the date of opening of technical bid. The date for opening the financial bids will be intimated by the office to the technically qualified parties in advance. Financial Bids will be evaluated based on the rates quoted.

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The terms and condition of the quotation are indicated below:-

1. The quotation(s) received after due date and time will not be entertained.
2. Parties not submitting their quotations in two bids system as mentioned above will not be considered and will be summarily rejected.
3. **Validity:** One year from the date of opening of the quotation.
4. **Delivery schedule:** Within 1 month from the date of issue of the supply order.
5. **Rate per unit:** F.O.R., CMER&TI, Lahdoigarh, Jorhat.
6. Price of the equipments should be quoted only in **Indian Rupees (INR)**.
7. Parties giving rate quotations under DGS&D rates will be given preference.
8. Parties/manufacturer supplying specific equipments/spare parts should specifically mention that the party is the sole manufacturer/supplier of the equipments and should provide such certificate along with authorization letter of the manufacturer.
9. **Payment:** No advance payment will be made. The payment will be made only after satisfactory supply / installation/demonstration of the equipments/spare parts and in conformity of the specifications to the satisfaction of the Director or his authorized officer.
10. **Taxes and other statutory duties:** to be shown separately and clearly for **each equipment**.
11. **EMD:** 2% on the basic price separately for each equipment to be submitted in the form of Demand Draft/Bankers Cheque drawn in favour of **Director, CMER&TI** on any Nationalized Bank payable at Jorhat (Assam) along with technical bid. Quotations without EMD will summarily be rejected.
12. A copy of **PAN Card** to be submitted along with the quotations.
13. Documents should be submitted in **duplicate**.
14. **Copies of supply order received from other organization for similar model of equipment to be enclosed.**
15. The Director reserves the right to accept or reject any or all quotations without assigning any reasons or whatsoever.

The concerned bidder can obtain the reason for rejection of his bid, bidding procedure and conditions of the bid, if he chooses to do so by giving a request in writing.


Director i/c

Specifications for Dual-Block Gradient Thermal cycler

- Gradient Thermal Cycler with Peltier heating and cooling based system.
- Should be supplied with dual block of 2 x 48 x 0.2ml which can be independently controlled.
- The dual block should also have gradient capability which can be independently controlled for both the blocks at different times.
- Only dynamic gradient technology will be accepted
- A total of 16 gradients should be possible using both the blocks.
- Should also have an option to add 96 X 0.2 ml Block or 384 Well Block. All the blocks should have the gradient capability.
- Should have a maximum ramp rate of 5 °C /second
- Should have adjustable heated lid
- Should have block and calculated temperature control modes.
- Should have protocol auto writer for easier programming to run a standard, fast or ultrafast protocol.
- Should have a temperature range of 0-101 °C
- Should have a temperature accuracy of ± 0.2 °C
- Should have a temperature uniformity of ± 0.4 °C well to well within 10 seconds of arrival at 90 °C and have 6 Thermoelectric modules
- Should have a gradient range of 30-130 °C and use dynamic ramping for gradient
- Should have a high resolution touch screen display with 6 USB ports for Protocol transfer and multiple connectivity
- The system should be capable of connecting up to 32 PCR/Real Time PCR and can be operated using a PC or directly from the PCR system.
- Should have a memory of >1000 programs with further expansion through a USB Flash drive for transfer of files.
- Option to protect files with optional log-in, restricted user privileges and secured mode for controlled environment should be there.
- Should have automatic option for graphical or text based programming
- The software should have exportable Run logs and system error logs
- The system should be capable of using through a PC or without it.
- It should be possible to control additional 3 cyclers through one instrument.
- Should be upgradeable to a 6 Channel Real Time PCR with gradient capability.
- Should have O-ring seal to protect thermal electric modules.