



पादप कार्यिकी संमाग
DIVISION OF PLANT PHYSIOLOGY
भा.कृ.अ.प.-भारतीय कृषि अनुसंधान संस्थान
ICAR-Indian Agricultural Research Institute
नई दिल्ली-110012 (भारत)
NEW DELHI - 110 012 (INDIA)



File No: 50-21/PCRTC/19-20/NAHEP(71-01)

Date: 07/11/2019

To

Dear Sirs,

**Sub : INVITATION FOR QUOTATIONS FOR SUPPLY OF
(PCR Thermal Cycler)**

1. You are invited to submit your most competitive quotation for the following goods:-

| Brief Description of the Goods | Specifications * | Quantity | Delivery Period | Place of Delivery | Installation Requirement if any |
|--------------------------------|------------------|----------|---|---|---------------------------------|
| (PCR Thermal Cycler) | Annexure - A | 08 | Within 90 days after issue of Purchase/Supply Order | Division of Plant Physiology, IARI, Pusa Campus, New Delhi - 110012 | As per terms and conditions. |

* Where ISI certification marked goods are available in market, procurement should generally be limited to goods with those or equivalent marking only.

2. Government of India has received a financing from the World Bank towards the cost of the said Equipment/Item **under NAHEP-CAAST (71-01) Project** and intends to apply part of the proceeds of this financing to eligible payments under the contract for which this invitation for quotations is issued.

3. **Bid Price**

- The contract shall be for the full quantity as described above. Corrections, if any, shall be made by crossing out, initialing, dating and re writing.
- All duties, taxes and other levies payable on the raw materials and components shall be included in the total price.
- Sales tax in connection with the sale shall be shown separately.
- The rates quoted by the bidder shall be fixed for the duration of the contract and shall not be subject to adjustment on any account.

- e) The Prices shall be quoted in Indian Rupees only.
4. Each bidder shall submit only one quotation. Bidder shall not contact other Bidders in matters relating to this Quotation.

5. **Validity of Quotation**

Quotation shall remain valid for a period not less than 15 days after the deadline date specified for submission.

6. **Evaluation of Quotations**

The Purchaser will evaluate and compare the quotations determined to be substantially responsive i.e. which

- (a) are properly signed ; and
- (b) conform to the terms and conditions, and specifications.

The Quotations would be evaluated for all the item together/would be evaluated separately for each item. *[Select one of the options]*.

Sales tax in connection with sale of goods shall not be taken into account in evaluation.

7. **Award of contract**

The Purchaser will award the contract to the bidder whose quotation has been determined to be substantially responsive and who has offered the lowest evaluated quotation price.

- 7.1 Notwithstanding the above, the Purchaser reserves the right to accept or reject any quotations and to cancel the bidding process and reject all quotations at any time prior to the award of contract.
- 7.2 The bidder whose bid is accepted will be notified of the award of contract by the Purchaser prior to expiration of the quotation validity period. The terms of the accepted offer shall be incorporated in the supply order.
- 7.3 **Successful Bidder should submit 10% of Total Cost of Equipment as Performance Guarantee after receiving the Purchase/Supply Order.**
8. Payment shall be made immediately after delivery of the goods.

9. Normal commercial warranty/ guarantee shall be applicable to the supplied goods.
10. You are requested to provide your offer/Sealed Quotation latest by 13.00 hours on 14/11/2019 in Room No. 125, Division of Plant Physiology, IARI, New Delhi - 110012.
11. We look forward to receiving your quotations and thank you for your interest in this project.

(Purchaser)

Name: Assistant Admn. Officer.
Address: Division of Plant Physiology,
IARI, Pusa Campus,
New Delhi - 110012
Tel. No. 011 25842815.

Technical Specifications

Name of the Capital item with brief description: Minor Equipments (PCR Thermal Cycler)

Detailed specifications:

1. Should be a gradient thermal cycler with peltier heating and cooling based system.
2. Should have gradient enabled block for 96-well with an option of gradient enabled dual 48/48 well x0.2ml and 384-well.
3. Should have Gold /Silver/reduced mass sample block
4. Should have O-ring seal to protect thermal electric modules.
5. Should have a maximum ramp rate of 5°C/second or more
6. Should have adjustable heated lid
7. Should have block and calculated temperature control modes.
8. Should have a temperature range of 0-100°C
9. Should have a temperature accuracy of $\pm 0.2^\circ\text{C}$
10. Should have a temperature uniformity of $\pm 0.4^\circ\text{C}$ well to well within 10 sec of arrival at 90°C
11. Should have a gradient range of 30-100 °C and use dynamic ramping for gradient.
12. Should have a temperature differential range of 1-24°C.
13. Should have LCD display with USB ports
14. Should be licensed for research applications. A copy of license should be attached.
15. PCR Machine should resume run after mains recovery and should continue run without user intervention. Should not depend UPS support for reliable operation.
16. Should be compatible with all kinds of plastic consumables and reagents specially reusable sealing Mats. Open Platform without restrictions of consumables.
17. Should be European CE certified.
18. With 8 thermal cyclers, one unit of 10 KVA online UPS with a backup of minimum 2.5 hours should be provided.

Note: Specifications are generic in nature

Terms & Conditions

- Supplier need to submit the specification compliance for their product in a tabulated and point wise manner
- Authorized dealer/supplier in India should enclose authorization certificate from the Principal
- On-site warranty minimum of 2 years from the date of installation
- Authorized dealer should have service centre in India
- Brochure having detailed technical specifications (to be enclosed in original with quotation)
- On-site installation, demonstration and training
- Detailed technical manual in original with instrument
- 10(Ten) User certificate/order copy to be enclosed with the document.

FORMAT OF QUOTATION *

| Sl. No. | Description Goods | Specifications | Qty. | Unit | Quoted Unit Rate in Rs. | Total Amount | |
|---------|-------------------|----------------|------|------|-------------------------|--------------|----------|
| | | | | | | In Figures | In Words |
| 1. | | | | | | | |
| | TOTAL | | | | | | |
| | Sales Tax | | | | | | |

Gross Total Cost : Rs.

We agree to supply the above goods in accordance with the technical specifications for a total contract price of Rs.(amount in figures) (Rs. amount in words) within the period specified in the Invitation for Quotations.

We also confirm that the normal commercial warrantee/guarantee of months shall apply to the offered goods.

We hereby certify that we have taken steps to ensure that no person acting for us or on our behalf has engaged in corrupt, fraudulent, collusive, coercive, or obstructive practices (as defined in the prevailing World Bank's sanctions procedures) in competing for or in performing the Contract.

Signature of Supplier

* *Applicable while the bids are being invited for more than one item and would be evaluated for all the items together.*

Modify where evaluation would be made for each item separately.