

KERALA AGRICULTURAL UNIVERSITY
COLLEGE OF HORTICULTURE
DEPARTMENT OF SEED SCIENCE AND TECHNOLOGY
KAU P.O, VELLANIKKARA, THRISSUR - 680656, KERALA
Phone: 9447792341

TENDER NOTICE

No. Proj/F22 (Biodiversity)/ 2017-18

Date: 11/03/2020

Sealed tenders are invited in the prescribed form for the supply of 'Gradient PCR/ Thermocycler' (1 No.) for use in Department of Seed Science and Technology, College of Horticulture, Vellanikkara under Kerala Agricultural University - Director of Research - Agricultural Department - Annual Plan 2017-2018 project entitled 'Biodiversity and Local Germplasm Conservation and Promotion,' at Department of Seed Science and Technology.

Cost of Tender Form: 0.2% of the quoted amount rounded to the nearest multiple of 100, subject to a minimum of Rs.400 and maximum of Rs.1500 +VAT@4%+cess on VAT @1%

Tender form can be downloaded from the site www.cohvka@kau.in/ www.kau.in. The cost of tender form will be accepted by way of Demand Draft in favour of Professor and Head, Department of Seed Science and Technology, College of Horticulture, Vellanikkara, Thrissur along with the tender. The sealed tenders, superscribed 'Gradient PCR/ Thermocycler' are to be submitted to the undersigned. The cost of tender form is not refundable. All the rules/regulations applicable to government tenders will be applicable here also. Further details can be obtained from the office of the undersigned during office hours.

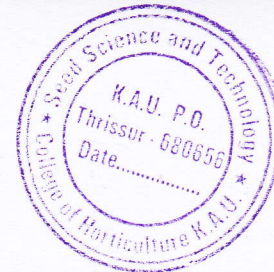
Last date of receipt of tender: 20/03/2020; 11.00 AM

Date and time of opening of tender: 20/03/2020; 02.00 PM



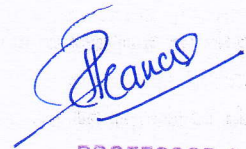


Professor and Head
Department of Seed Science and Technology
College of Horticulture, Vellanikkara



CONDITIONS OF TENDER

1. Tenders shall be accompanied by an Earnest Money Deposit of 1% of the total cost of the quoted items (subject to minimum of Rs.1500/-) by the way of a crossed DD in favour of **Professor and Head, Department of Seed Science and Technology, College of Horticulture, Vellanikkara, Thrissur** drawn on the **State Bank of India, KAU campus, Vellanikkara**. Cheque will not be accepted. The EMD of the unsuccessful tenderers will be returned as early as possible, but that of the successful tenderers will be adjusted towards the Security Deposit (5% of the total value of the contract) that will have to be deposited for satisfactory fulfillment of the contract.
2. Tender shall be accompanied by an agreement as per format in the site, executed on Kerala Stamp paper of face value Rs.200/-
3. Late and incomplete tenders and tenders without EMD and agreement in Kerala Stamp paper will not be accepted.
4. Firms who are exempted from payment of EMD should furnish copy of the currently valid certificate from the Store Purchase Department, Govt. of Kerala.
5. Selected firm will have to furnish a security deposit of 5% of the order value and execute another agreement in Kerala stamp paper worth Rs.200/-. Security deposit will be accepted in the form of DD, Term Deposit Receipt or Bank Guarantee favoring Professor and Head, Department of Seed Science and Technology, College of Horticulture, Vellanikkara.
6. Offer shall be made CIF/CIP Cochin by air freight for imported instrument and FOR destination for indigenous item. For imported items, charges for insuring up to final inland destination against all risks including total loss for CIF value plus 10% should be included in the insurance charge. Installation and demonstration charges may be indicated separately were applicable.
7. We are exempted (regd. with DSIR) from payment of customs and excise duty for our procurement and hence prices quoted should be exclusive of these. Prices inclusive of ST and other taxes and installation charges, if any, may be indicated. We shall provide the necessary forms and certificates as required.
8. The exact specifications, details of make, model number, name of manufacturer etc., of the equipment offered must be clearly specified. Copies of detailed technical literature and illustrated brochures of the units quoted are to be included along with the offer. Offers without these are liable to be rejected. List of users giving the exact address of the contact persons and the model number of the units available at these locations have to be provided.
9. Instrument operating manuals have to be provided along with the supply.
10. Details of warranty offered should be clearly stated in the tender. Details of maintenance service contract offered after expiry of normal warranty and after-sales-service facilities available should be indicated.
11. Evidence of exclusive/authorized distributorship from foreign principals should be provided along with the offers for overseas products.
12. Period of firmness of the quoted prices should be clearly stated in the offer.
13. The undersigned reserves the authority to accept or reject any or all of the offers for any particular item without assigning any reason whatsoever.
14. Delivery of the article should be made at the free of cost within 5 days from the receipt of Supply order to **Department of Seed Science and Technology, College of Horticulture, Vellanikkara, Thrissur** drawn on the **State Bank of India, KAU campus, Vellanikkara**
15. Prices quoted should be valid up to 31/03/2020 or beyond.


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Equipment and specifications

1. Thermocycler

Universal Block Gradient PCR for usage of 96 x 0.2ml PCR Tube, 71 x 0.5 ml PCR Tube, One 8 x 12 PCR plate without any adapter or accessories, capable of testing at least 12 different temperatures simultaneously across a gradient range of 1° C - 20° C ensuring ramp rates identical in both gradient and normal operation, operating based on peltier technology with pre-programmed template for easy selection of temperature protocols as well as provision for customized programming along with provision for Auto Restart facility with user defined time interval when power fails. Administrator and user login for enhanced security system preferable. Temperature control range: from 4 °C to 99°C (Minimum), Lid Temperature range: 37 - 110 °C (Minimum), Block Temperature Accuracy: $\pm 0.2^{\circ}\text{C}$ (Minimum), Block Homogeneity: 20° C to 72° C: $\leq \pm 0.3^{\circ}\text{C}$, 95°C: $\leq \pm 0.4^{\circ}\text{C}$, Temperature control speed: 5 °C/s approx. [3 °C/s (heating); Temperature control speed: approx. 2 °C/s (cooling)] with adjustable ramp rate from 0.1° C to 3.0° C to meet critical amplification conditions allowing time or Temperature increment with cycles in PCR program. Details of Interface, dimensions, power requirement (230 V preferable) and consumption, system memory capacity, calibration, USB ports, cooling vents and other relevant information to be specified. Accessories may be quoted separately.

Quote inclusive of a buy back provision of Mastercycler Gradient PCR Machine - Make: Eppendorf; Model 5331, is also to be specified.

The quote for the item specified above should clearly be inclusive of the charges for the Supply, packing & forwarding, transit-insurance and freight to site, installation, testing and commissioning, dismantling/reinstallation, labour charges etc if any. Prices quoted for the item is to be on-site basis and also be inclusive of basic price, excise duty and other taxes. Any excluded works and services in the quote s to be specified separately. Excise duty, Tax, Insurance, Warranty period, delivery time and Terms of payment are also to be specified.

**Professor and Head
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