

***TENDER DOCUMENT FOR THE SUPPLY, INSTALLATION AND
 COMMISSIONING OF GRADIENT THERMAL CYCLER AT INTER
 UNIVERSITY CENTRE FOR BIOSCIENCE, PALAYAD CAMPUS,
 KANNUR UNIVERSITY***

Name of the work	Supply, Installation and Commissioning of “ Gradient Thermal Cycler ” at IUCB, Janaki Amal Campus , Palayad, Kannur University
Tender Notice No.	PICO/A4/13519/2022
<i>Tender ID</i>	<i>2022_KnrU_539959</i>
Last date for receipt of Tender :	17/01/2023, 11 AM
Date and time of opening of Tender:	18/01/2023, 11 AM
EMD:	Rs: 9,000 /-
Period of completion of Supply and installation	Within 45 days on receipt of the work order
Warranty	<i>3 Years</i>
Address of the officer from whom tender forms can be obtained and to whom tenders are to be submitted	Registrar, Kannur University, Thavakkara Campus, Civil Station P.O Kannur-670002

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Section I

Overview of the work & General Instructions

1. Overview of the work :

Kannur University intends to install Gradient Thermal Cycler at IUCB, Janaki Amal Campus, Palayad of Kannur University. The University is looking for vendors who have experience in supplying and installing the Scientific Equipment. Tenderers are advised to study all Technical and Commercial aspects, instructions, Terms & Conditions and Specifications carefully in the Tender document. Failure to furnish all information required in the Tender Document or submission of a bid without proper documents may result in the rejection of the bid.

2. Scope of the work :

The scope of the work includes Supply, Installation and Commissioning of Gradient Thermal Cycler at the following location.

SL NO	Campus	Location to Deliver and Install
1.	PALAYAD	Inter University Centre for Bioscience (IUCB), Janaki Ammal Campus, Palayad, Kannur-670661 Mob: 9995760629

The firm should execute the work in close coordination with the Head of the institutions concerned with minimum disturbance. All safety and security guidelines of the Institute will be followed by the workers deputed by the agency at site.

3. Specification & Details

- Gradient Thermal Cycler with Peltier heating and cooling based system.
- Block of 96 x 0.2ml capacity & should have the option to upgrade to 384well also
- Should have a maximum ramp rate of 5degC/second and average ramp rate of 3.3degC/sec
- 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 0-100 deg C
- Should have a temperature accuracy of ± 0.2 deg C
- Should have a temperature uniformity of ± 0.4 deg C well to well within 10 seconds of arrival at 90 degC
- Should have a gradient range of 30-100 deg C
- Should have a high resolution color display and have USB ports
- 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
- Option of using the instrument through a PC should be there
- Possible to control additional 3 cyclers through one instrument.
- Should be upgradeable to Real Time PCR
- Should have PCR License for Research
- Should have service support based in South India from manufacturer for the quoted model, support document to be submitted.
- Should have CE Certification.
- Should have 3 Years warranty
- PCR should come with suitable UPS and back up (minimum 2-3 hr)

4. Instructions to Bidders :

Amendment of Tender Document

At any time prior to the deadline for submission of bids, Registrar, Kannur University, Kerala may, for any reason, whether at its own initiative or in response to a clarification requested by a prospective Tenderer, modify the Tender document by amendment and will be published as corrigendum. The deadline for submission of bids may also be extended at the discretion of Kannur University, Kerala.

Tendering Process

The tender will be published in the form of **e-tender** and will be available on the e-tender site of Govt. of Kerala. All the rules and regulations of the e-tendering will be applicable to this tender also. The tender will be invited in the two cover format. i.e. (i) **Technical Bid** and (ii) **Financial Bid**. *The financial bid of a bidder will be considered if and only if the bidder qualifies in the technical bid evaluation.*

Section II

Cover 1 (Technical Bid) :

- Technical Bid for the “Gradient Thermal Cycler” should furnish all technical details of the product along with Manufacturers name and model to be used.
- The bidder should have own functional service centre or authorized functional service centres in South India and proof of local registered address should be attached with the tender.
- Profile of the company
- Technical literature for each product/service, covering full technical specifications.
- Warranty details of the equipment

Cover 2 (Financial bid) :

- BOQ

Check list

SN	Description	Attached (Y/N)
01	Scanned copy of Preliminary Agreement in Kerala Stamp paper of Rs.200/- as per format	
02	Warranty details	
03	Bidder should have own functional service centre or authorized functional service centres in South India (Attach address Proof)	
04	Copy of GST payment receipt of Tender fee (18% of tender fee) { MSME firms attach MSME certificate /UDYAM registration certificate }	
05	Scanned copy of valid registration certificate, GST and PAN card of Bidder	
06	Detailed Technical Specification of each supplying product	

Section III

Terms and Conditions

1. The tender should be submitted in two cover system (*Technical bid & Financial bid*).
2. Tenderers shall keep their rate for a period of **120 days**
3. Prices shall be quoted in Indian Currency only
4. *Tender fee and EMD for each item as given below should be remitted through SBI Internet banking/ online NEFT transaction as indicated in the e-Tender notice. All payments including EMD should be made through online but 18% GST of Tender Fee should be remitted to GST Department directly and upload the receipt in the e-procurement portal.*

Sl. No	Item	Tender Fee (excl GST)	Tender Fee (18% GST)	EMD
1.	Supply, Installation and Commissioning of “ Gradient Thermal Cycler ” at IUCB, Janaki Amal Campus , Palayad, Kannur University	1500 .00	270 .00	9,000 .00
TOTAL		1500 /-	270 /-	9,000 /-

5. The bidder should upload along with his tender a preliminary agreement executed and signed in Kerala Stamp Paper of value of **Rs.200/-** as per format given.
6. **The total rate tendered should be inclusive of all taxes and other charges.**
7. The successful bidder shall, before signing the agreement and within the period specified in the letter of acceptance of his tender, deposit a sum equivalent to **5% of the value of the contract (including EMD)** by way of Security Deposit or Demand Draft or bank guarantee *as security for the satisfactory fulfillment of the contract.*
8. *The bidder should have own functional service centre or authorized functional service centers in South India*
9. Any amendment/corrigendum to this tender will be published on the website
10. All the damages to the walls, floors etc. or the works of any other agency related to the work during the execution, shall be repaired and modified by the Vendor/Firm at his own cost.
11. Registrar, Kannur University reserves the right not to process the tender , cancel the contract, supply order, hold the payment and to trade or not to trade the old stores without assigning any reason.
12. The bidder can inspect and examine the site (*optional site visit*) and satisfy himself before submitting the tender.
13. The financial bid of those bidders who qualify the technical evaluation after opening of Technical bid shall only be opened.

GSTIN32AAAGK0152J1ZT

Contact: 0497 2715267

Sd /-
Registrar (i/c)

ANNEXURE – 1

Preliminary Agreement

Articles of agreement executed on this the day of
..... between the Registrar, Kannur University (hereinafter referred to as “the University”) of the one part and Shri.....
..... (H.E. name and address of the tenderer)(hereinafter referred to as “the bounden”) of the other part.

WHEREAS in response to the Notification No..... dated the bounden has submitted to the University a tender for the specification therein subject to the terms and conditions contained in the said tender;

WHEREAS the bounden has also deposited with the University a sum of Rs..... as earnest money for execution of an agreement undertaking the due fulfillment of the contract in case his tender is accepted by the University NOW THESE

PRESENTS WITNESS and it is hereby mutually agreed as follows:

1. In case the tender submitted by the bounden is accepted by the University and the contract for is awarded to the bounden, the bounden shall within days of acceptance of his tender execute an agreement with the University incorporating all the terms and conditions under which the University accepts his tender.
2. In case the bounden fails to execute the agreement as aforesaid incorporating the terms and conditions governing the contract, the University shall have power and authority to recover from the bounden any loss or damage caused to the University by such breach as may be determined by the University by appropriating the earnest money deposited by the bounden if the earnest money is found to be inadequate the deficit amount may be recovered from the bounden his properties movable and immovable in the manner hereinafter contained.
3. All sums found due to the University under or by virtue of this agreement shall be recoverable from the bounden and his properties movable and immovable under the provisions of the Revenue Recovery Act for the time being in force as though such sums are arrears of land revenue and in such other manner as the University may deem fit.

In witness where of Shri..... (name and designation) for and on behalf of the University and Shri..... Bounden have hereunto set their hands the day and year shown against their respective signatures.

Signed by Shri. (date)

In the presence of witnesses:

1.

2.