

Department of Veterinary Microbiology

Dr. G.C. Negi College of Veterinary & Animal Sciences
CSKHPKV, PALAMPUR (HP) Pin -176062

No. QSD/Store/VM/CSKHPKV/22-23/

Dated: 22/03/2022

From : The Head

To :

*To The Incharge UNS
for Uploading on WebSite*

Subject: NIQ / Quotation for the purchase of Gradient PCR system with volume format flexibility

Sir/Madam,

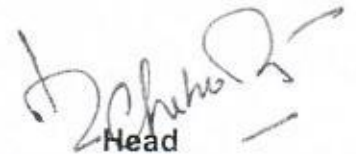
Sealed quotation is invited by the undersigned for the supply of under mentioned item as appended here below. The quotation should be strictly according to the specification and as per terms & conditions of NIQ as mentioned here below otherwise the quotation will not be entertained / accepted.

Sr. No.	Description of the item along with Technical Specification	Qty
1	<p>Gradient PCR system with volume format flexibility (Master cycler), 230 V/50 – 60 Hz</p> <ul style="list-style-type: none">➤ PCR with single aluminium block to accommodate 96 x 0.1ml/0.2ml PCR Tube, 71 x 0.5 ml PCR tube and 96 well PCR plate (Skirted, Semi-skirted or Un-skirted plate)➤ At least there should be 200 installations of Master cycler nexus gradient.➤ Peltier technology based heating and cooling of block with patented Triple Circuit Technology ensuring precise control of temperature➤ Should be capable of testing temperatures at Denaturation, Annealing & Extension steps➤ Should be able to test 12 different temperatures in gradient function➤ Gradient technology should ensure identical ramp rates in both gradient and normal operation➤ Gradient temperature range from 30 – 99°C with 0.1°C minimum gradient spread➤ Block temperature control range should be 4°C to 99°C➤ 'Fast, Standard and Safe' temperature control modes providing ultimate flexibility for different applications.➤ Adjustable user defined ramp rate to meet sensitive experimental conditions➤ Lid Temperature range: 37 - 110 °C➤ Block Temperature Accuracy: ± 0.2°C➤ Block Homogeneity: ≤ ±0.3° C (20°C to 72°C); ≤ ± 0.4° C (90°C)➤ Heating rate: 3 °C/s; Cooling rate: 2 °C/s➤ Flexlid technology with Thermal sample Protection (TSP) to accommodate PCR tubes with flat or domed caps➤ Should have large display with Intuitive Graphic programming➤ Should have Administrator and user login with or without PIN for enhanced security➤ Inbuilt advance scheduling feature for users convenience will be a preference➤ Preprogrammed protocol templates for easy selection➤ Should have Time and/or Temperature increment cycles in PCR program➤ Customized programming allows a maximum of 20 steps in a cycle and 99 cycles➤ Auto Restart facility with user defined time interval when power fails and resumes➤ Instrument should display remaining runtime in larger font and the status of the run➤ Should have Two USB ports: for Protocol transfer, Self-test, USB, printer / mouse➤ Should have Log book function for error messages and new calibration➤ E-mail Notification➤ Power save Standby function➤ Cooling vents at bottom and rear allow placing other instruments in limited bench space➤ System should have provision to connect any TWO Mastercycler nexus eco variants (96-well block, 64/32 dual block, and/or flat block) for ultimate throughput➤ Optional Self-test dongle to check functionality of all 6 peltier elements➤ Interface: USB, Ethernet, CAN in, CAN out➤ Dimensions (W x D x H) in cm: 25 x 41.2 x 32.1➤ Weight: 11 kg➤ Maximum power consumption: 700 W➤ Calibration according to NIST (USA), DKD/PTB (Germany) UKAS/NPL (UK), UL/cUL listed➤ Should comply to RoHS (2011/65/EU)	1 No.

Conti...2/-

Terms and conditions of NIQ

- 1) The quotations should reach in the O/O undersigned in sealed cover and super scribed "Quotation , purchase of Gradient PCR system with volume format flexibility" on 11/04/2022 by Deptt. of Veterinary Microbiology , COVAS in the name of Comptroller, CSKHPKV, Palampur. The quotations will be opened on 12/04/2022 at 3:00 PM in the presence of quote or their authorized representative, if present. In case the date of opening is happened to be a holiday, the quotation will be opened on next working day on same time.
- 2) The rates should be quoted **F.O.R. destination i.e. Palampur** including of all charges. Nothing will be paid extra.
- 3) Concessional GST @ 5% will be applicable against GST exemption certificate issued by the University.
- 4) Price list should be attached.
- 5) The quantity of materials can be increased or decreased.
- 6) The University reserves the rights to consider or reject any of the quotations without assigning any reason.
- 7) The supply of the material is to be made by the supplier immediately.
- 8) The quotation received after due date will not be considered.
- 9) The condition of advance payment or through cash etc. will be considered.
- 10) The quotation should be submitted only if the items can be supplied promptly on demand.
- 11) The price quoted should be strictly accordingly to the specifications stated in the NIQ.
- 12) The payment will be made after satisfactorily Inspection Report of the Inspection Committee so constituted for the purpose by the University.
- 13) Each quotation should be accompanied with a refundable earnest money @ 2%, if the total amount for the supply of the material exceeds Rs.1.00 lakh in the shape of fixed deposit receipts/TDR/DD in favour of the Comptroller, CSKHPKV, Palampur. **Without EMD the quotations will not be considered.** Here, it may also **note that the Earnest money if any, already deposited / laying in the office of the undersigned will not be considered for current quotation.**
- 14) The supplier will adhere to the provision of Motor Vehicle Act for transportation of material.
- 15) Performance security @5% of the whole amount of the total supply will be obtained from the successful bidder before placing the supply order. The earnest money already deposited shall form part of performance security.
- 16) will be obtained from successful bidder @ 5% of the awarded material.
- 17) GST may be shown separately, copy of GST registration be enclosed with quotation and GST No. may be mentioned in the quotations.
- 18) The E-way bill is to be required along with actual bill.
- 19) Authorization Dealer Certificate and Warranty certificate duly attested by the firm must be attached with quotation.
- 20) The quotation should accompany the satisfactory user report/certificate from the Institutions to whom, said equipment earlier supplied by the firm.
- 21) The conditional quotation will not be entertained.
- 22) The firms/suppliers shall observe all the guidelines/SOPs for COVID-2019 prescribed by the H.P. State Govt./Central Govt. from time to time.
- 23) All disputes shall be within the jurisdiction of Palampur Court.


Head

Deptt. of Veterinary Microbiology

H.O.D.
Vety. Microbiology

Copy to :

1) The In-charge UNS

CSK HPKV - Palampur for uploading the same on the University Website

2) The Comptroller,

CSK HPKV- Palampur for information and for further necessary action.