

**G.B. PANT UNIVERSITY OF AGRICULTURE & TECHNOLOGY, PANTNAGAR
(UDHAM SINGH NAGAR) UTTARAKHAND
OFFICE OF THE : GENETICS AND PLANT BREEDING, COLLEGE OF AGRICULTURE**

No.: SP/Quotation/GPB/2457/MKK

Dated: 03/06.02.2012

M/s.

Subject: Invitation of sealed quotation (I.F.Q.) for the supply of **Thermocycler (as per specifications over leaf)**

Dear Sir,

We are interested in the purchase of the articles mentioned overleaf. Please send your quotation in SEALED COVERS so as to reach this office on or **before 25.02.2012**

While submitting quotation please note that:-

1. Rate quoted should be F.O.R. destination GBPUA&T, Pantnagar. The rates should include packing forwarding and transit insurance and in no case separate rates for above should be quoted. In case the separate rates are quoted, the same shall be loaded on the basic quoted price for comparison purpose. The goods should be insured against theft, loss or breakage during transit by the supplier before dispatch is made. The responsibility in this respect will be of the supplying firm and not of the university.
2. The rates of the sales tax (Central and Provincial etc.) should be clearly indicated.
3. Please quote your Sales Tax No. & Income Tax No. also on your quotation.
4. (A) The rates of Excise duty should also be clearly indicated. If included in the cost, the excise duty component should be indicated separately as the university is exempted from imposition of excise duty for certain goods for research and teaching purposes.
(B) The University is also entitled for custom duty exemption on import of stores for research/teaching purposes. In such cases the special conditions/codal formalities of import are to be observed.
5. The rates quoted should be valid for 90 days from the date of opening of quotations.
6. Corrections if any shall be made by crossing out, initiating, dating and rewriting.
7. On demand one sample of each quoted item may please be sent to judge the quality of material along with quotation. The sample should invariably be received in this office before due date.
8. In case of the item being on D.G.S & D. Rate Contract, please enclose a certified/attested copy of the valid Rate Contract.
9. Each quotation should be submitted in a sealed cover duly super-scribed, "Quotation for the supply **Thermocycler** your No.dated.....due (date).....with the name & address of the firm on it.
10. The quotation shall be received only through Dak/Courier. Please do not insist to submit the same in person in any condition as the same shall be rejected out rightly.
11. The quotations received shall be opened on the next working day after the expiry of due date.
12. The quotations as received shall be evaluated as per existing guideline by the duly constituted committee.
13. The right to acceptance of the quotation will rest with the undersigned who does not bind it self to accept the lowest quotation and reserves the right itself to reject or partially accept any or all the quotations received without assigning any reason.
14. In case of supply order being placed on you :-
"As time is the essence of this order, the date of delivery as specified in the purchase order should be strictly adhered to otherwise undersigned reserves the right not to accept delivery in part or full"
15. In case of any dispute the matter shall be referred to the Vice-Chancellor of this university being sole arbitrator whose decision shall be final & binding to both the parties.
16. The quotations are liable to be cancelled, if any of the above conditions are not complied with.
17. Payment will be made by crossed Cheque or account payee draft on the request & cost of supplier within 30 days after the receipt of material in satisfactory condition.
18. निविदा प्रतिभूति अथवा धरोहर धनराशि:-प्रतिशत का निर्धारण सामग्री के सम्पूर्ण मूल्य पर निम्नानुसार निर्धारित किया जायेगा (एक) रु. 1.00 लाख तक 5 प्रतिशत (दो) रु. 1.00 लाख से रु. 5.00 लाख तक 4 प्रतिशत जोकि डिमाण्ड ड्राफ्ट/सावधि जमा रसीद/बैंकर्स चेक तदनुसार निर्धारित स्वरूप में सक्षम अधिकारी की संतुष्टी तथा क्रेता के हितों की सभी प्रकार से सुरक्षा के लिए आवश्यक हो जमा किया जा सकेगा।

Your's faithfully

Signature & seal of HOD

Designation:

Department: Genetics & Plant Breeding

"Please carefully go through this document and ensure compliance. The non-compliance of any one condition may make your offer invalid".

- CC:** 1. Store Purchase Officer, GBPUA&T, Pantnagar
2. University web site (<http://www.gbpuat.ac.in>)

Office/Department of: The Head, Genetics and Plant Breeding
COLLEGE OF AGRICULTURE

S. No.	Description of material (Specification if any)	Quantity Required	Rate Quoted
1.	<p>Thermocycler</p> <p>Block Facility: Universal Block to facilitate 96 x 0.2ml PCR Tube, 71 x 0.5 ml PCR Tube, One 8x12 PCR plate without any adapter or accessories. Capability to test 12 different temperatures simultaneously across gradient range of 1-20°C.</p> <p>Ramp rate, Heating and Cooling Temp: Ramp rates should be identical both during gradient and normal PCR run. Temperature control speed 5°C/s. (3 °C/s (heating) and 2 °C/s (cooling). Heating and cooling should be via Peltier technology. The ramp rate adjustments should be from 0.1° C to 3.0° C to meet critical amplification conditions.</p> <p>Programmable Temperature: Temperature control range should be from 4 °C to 99°C. It should allow up to 20 steps and 99 cycles for PCR program customization.</p> <p>Temperature Accuracy/Uniformity: Block Temperature Accuracy ± 0.2°C. Block Homogeneity should be 20° C to 72° C: _ ±0.3° C, 95° C: _ ± 0.4° C. Lid descent and closing pressure should accommodate consumables of user option without any adapter or accessories. Larger display for intuitive graphic programming.</p> <p>Heated Lid Temperature: Lid Temperature should range from 37°C – 110 °C with control mode (fast, standard and safe mode).</p> <p>Programmed cycler Temperatures Facility: Preprogrammed template for easy selection of PCR (temperature) protocols viz., 2 step PCR, 3 Step PCR, Gradient PCR, Long Range PCR, Low volume PCR, RT, RT-PCR, Incubation, Cycle sequencing, Touch down PCR, Hot Start PCR, Hot Start PCR manual, Large volume PCR, Nested cycles, reduced ramping, simulate Mastercycler. Allows Time or Temperature increment with cycles in PCR program. Auto Restart facility to resume run with user defined time interval when power fails.</p> <p>Programme Memory and data transfer facility: Instrument should indicate the status of the step, cycle and remaining runtime. System memory should be more than 100 User folders and more than 700 programs. At least Two USB ports for Protocol transfer, Self-test, USB, printer / mouse. Power save Standby function. It should have option to connect up to TWO modules with the main system.</p> <p>Interface: Ethernet, CAN in, CAN out</p> <p>Power supply: 230 V, 50-60 Hz with Online UPS system</p> <p>Warranty: Minimum Two year warranty</p>	1	

Signature of purchaser.....

Name Dr. M.K. Karnwal

Designation: Asstt. Seed Scientist, Gen.& Pl. Breed.

Dated:4/02/2012