



**DEPARTMENT OF GENETICS & PLANT BREEDING  
G.B. PANT UNIVERSITY OF AGRICULTURE  
& TECHNOLOGY, PANTNAGAR  
(UDHAM SINGH NAGAR) UTTARAKHAND**

No.:CA/GPB/UP/4384/Quotation

Dated: 08.03.2017

To,

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**Subject: Quotation for supply of PCR, Gel Documentation System and Deep Freezer (- 20°C).**

**“PLEASE Carefully GO THROUGH THIS DOCUMENT AND ENSURE COMPLIANCE AND NON-COMPLIANCE OF ANY ONE CONDITION MAY MAKE YOUR OFFER INVALID”**

Dear Sir,

We are interested in the purchase of the articles mentioned overleaf. Please are invited through speed post/registered by hand only from the registered firms/open tender with the University to supply item/items. The details are also available on the University website. Please send your quotation in **SEALED COVERS** by registered/speed post so as to reach this office on or before **23.03.2017**

**While submitting quotation please note that:-**

1. Rate quoted should be F.O.R. Pantnagar including packing forwarding and transit insurance. 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 at which rate is chargeable.
3. The rates of Excise duty should also be clearly indicated. If included in cost the excise duty component should be indicated separately.
4. In case of the item being on DGS&D. Rate Contract, please enclose a copy of the Rate Contract.
5. Each quotation is to be enclosed in a double cover. The inner-cover should be sealed and super-scribed, Quotation for ..... Your no. .... Dated..... Due date ..... The outer cover should bear only address of the undersigned without any indication that there is a quotation within.
6. The quotation shall be opened in the presence of the representative of any or all of the quoting firms at 3.00p.m. on next day or 2<sup>nd</sup> or 4<sup>th</sup> Saturday in the office of undersigned at G.B. Pant University of Agriculture & Technology, Pantnagar.
7. Payment will be made by crossed cheques on the State Bank of India/United Commercial Bank/ Punjab National Bank, Pantnagar or a account pay draft at the cost of the supplier only after the receipt of material in good condition.
8. The acceptance of the quotation will rest with the Vice-Chancellor who does not bind himself to accept the lowest quotation and reserves the right himself to reject or partially accept any or all the quotation received without assigning any reason.
9. In case of any dispute the matter shall be referred to the Vice-Chancellor of this university whose decision shall be binding to both the parties.
10. Please quote your sales Tax No. & Income Tax No. also on your quotation.
11. In case of supply order being placed on you:  
“As time is the essence of this order, the date of delivery should be strictly adhered to otherwise the Vice-Chancellor reserves the right not to accept delivery in part or full and claim the liquidated damages 1% per week subject to a maximum of 10% to total value of the supply order”.
12. You will have to deposit upto 1.00 lac 5%, 1 lac to 5 lac 4%, 5 lac to 15lac 3% of the total cost of items quoted by you as earnest money in the form of demand draft or fixed deposit receipt or bankers cheque or bank guarantee in favour of Comptroller G.B. Pant University of Agriculture & Technology, payable at SBI/PNB/UCO Bank, Pantnagar.
13. The imported equipments above Rs. 3.00 lac may be purchased in Indian currency provided Custom Duty Exemption is made available by the firm.
14. On demand one sample of each quoted item may please be sent to judge the quality of material alongwith quotation. The sample should invariably be received in this office on or before due date and time of opening of quotations.
15. The quotations are liable to be cancelled, if any of the above conditions are not complied with.
16. The validity of rates should be ..... days from the date of opening of bid quotation.

**Your's faithfully**

Head, Genetics & Plant Breeding  
Signature & seal of purchaser  
Designation:  
Department :

Prof. S. Head  
Genetics & Plant Breeding

**CC: Store Keeper, GPB**

**SPO, GBPUA&T., Pantnagar**

**OFFICE/DEPARTMENT OF GENETICS & PLANT BREEDING**

S. No.	Description of material (Specification if any)	Qty Req	Rate Quoted
1.	<p><b>PCR</b></p> <ul style="list-style-type: none"> <li>• Universal Block for 0.2ml PCR tube with one 8×12PCR plate for running 96 reactions at a time. A Gradient PCR, with minimum of 12 different temperature reactions simultaneously with a gradient range of 1-20°C. The temperature control range must be from 4°C to 99°C. The heating and cooling should be via peltier technology. The lid temperature should vary ranged from 35-110°C. The block temperature accuracy should be at least 0.3°C. The block homogeneity must be upto 0.3°C. The temperature control speed for heating and cooling should be minimum 3°C/s and 2°C/s respectively. The adjustable ramp rate from 0.1°C to 3.0°C. The equipment must be available with auto restart facility and USB port. Screen must be provided for display of the step, cycle and remaining runtime during the run. There must be a customized programming that allows a maximum of 20 steps and 99 cycles. System memory should have capacity for minimum of 500 programmes. Power saving and standby function must be available.</li> <li>• Power supply : 230V, 50-60 Hz</li> <li>• Power consumption : 700W</li> <li>• Warranty 2 years</li> </ul>	One	
2.	<p><b>Gel Documentation System</b></p> <ul style="list-style-type: none"> <li>• System includes Dark Hood, CCD sensor auto zoom camera for high resolution. The system must be equipped with UV transilluminator with 200×200mm gel viewing area. The illuminator must be fitted with 8W four imported UV tubes with wavelength of 312nm. The system must have option for white light applications. The system is provided with the external PC and software for molecular analysis. There must be at least two USB ports for data transfer as well as connecting with printer etc.</li> </ul>	One	
3.	<p><b>Deep Freezer (- 20°C)</b></p> <ul style="list-style-type: none"> <li>• Upright freezer</li> <li>• Capacity : 310 liter/11Cu. Ft.</li> <li>• Temperature range : 16°C to -25°C</li> <li>• High quality and effective compressor</li> <li>• High density foam in place of PUF insulation between outer and inner chamber for minimal thermal losses.</li> <li>• Minimum 5 transparent drawer and 3 flap reversible door</li> <li>• Suitable stabilizer (5 KVA)</li> <li>• Sample containing plastic boxes.</li> </ul>	One	
4.	<p><b>Soxhlet apparatus</b></p> <p>Extraction unit, Condenser unit, Supplied with clamps and rubber tubing , Mantle type heater support with individual thermostatic controller , 6 tests capacity , Work on 220 v ac , Suitable to heat soxhlet flasks of 250ml , Mild steel sheet housing , Electric Supply Work On 220/230 Volts, 50/60 Hz AC</p>	One	
5.	<p><b>Digital pH meter</b></p> <ul style="list-style-type: none"> <li>• pH range : -2.000 ~ 20.000 pH</li> <li>• Accuracy : ±0.002pH</li> <li>• Resolution : 0.1, 0.01 pH</li> <li>• Calibration points : 1 to 5 points</li> <li>• mV range : -1999.9~1999.9mV</li> <li>• The calibration must be automatic.</li> </ul>		
6.	<p><b>Horizontal electrophoresis assemble</b></p> <p>Main Unit : Buffer tank with single cast mould  Gel tray : Should be UV Transparent gel tray with an integrated fluorescent ruler &amp; safety lid  Gel tray Size : UV Transparent Gel tray size 7 x 10 cm, 7 x 7 cm, 25 x 15 cm  Buffer capacity: 1500ml  Combs : Adjustable height combs with 8 well, 15 well and 30 well  Sample capacity : Run upto 30 samples  Volts : 0-300 V  Current : 0-400mA  Power : 75 W or more  Type of out put : Constant current, Voltage  Timer : 1-99 hrs  Power settings : Programmable</p>		
7.	<p><b>Double Door Refrigerator</b></p> <p>Type : Double Door, Refrigerator Type: Top Freezer Refrigerator  Defrosting Type : Frost Free, Compressor Type: Smart Inverter Compressor  Capacity : 260 L, Door : 2</p>		

**Signature of purchaser.....**  
**Name:Dr. Usha Pant**

**Dated:** 08.03.2017

**Designation:** JRO/PI, Project Code-3061