



**G.B. PANT UNIVERSITY OF AGRI. & TECH.  
PANTNAGAR, U.S. NAGAR (UTTARAKHAND)**

Speed Post

Quotation Invitation form in Two Bid System

Dated: 27-12-2016

N0.CBSH/Phy/1310

M/s.....

Sub: .....


"PLEASE CAREFULLY GO THROUGH THIS DOCUMENT AND ENSURE COMPLIANCE AND NON-COMPLIANCE OF ANY CONDITION MAY MAKE YOUR OFFER INVALID"

Dear Sirs,

We are interested in the Purchase of the articles mentioned overleaf. Please send your quotation in **SEALED COVERS (sealed with sealing wax)** so as reach this office on or before 25-01-17 **REGISTERED/SPEED POST ONLY** while submitting quotations please note that:-

1. The quotation is to be submitted under **two bid system i.e. Technical Bid & Financial Bid**. Technical Bid & Financial Bid will be received in two separate sealed envelopes. Both the envelopes will then be put in to one big envelope and sealed properly super scribing "**Technical Bid & Financial bid for the supply of .....**", your No..... dt..... Due date.....
2. (a) The Technical bid should be consisting of all technical details/specification EMD in separate envelope as required in para 13 and other requirements as mentioned overleaf and your terms & conditions. The envelope contained technical bid should be super scribed "**Technical bid for the supply & installation of .....**".  
(b) The financial bid should indicate items wise price for the item mentioned in technical bid. The envelope contained Financial bid should be super scribed "**Financial bid for the supply & installation of .....**".
3. Rates 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.
4. The rates of sales Tax (Central and Provincial etc.) should be clearly indicated at which rate is chargeable.
5. The rates of Excise duty should also be clearly indicated, if included in cost the excise duty component should be indicated separately.
6. In case of the item being on D.G.S.& D. Rate Contract, please enclose a copy of the Rate Contract.
7. The quotation shall be opened in the presence of the representative of any or all of the quoting firms at **3.00 p.m. on next day or 2<sup>nd</sup> or 4<sup>th</sup> Saturday in the office of under signed** at G.B. Pant University of Agriculture & Technology, Pantnagar.
8. Payment will be made by crossed cheques on the State Bank of India/United Commercial Bank/Punjab National Bank, Pantnagar or a account payee draft at the cost of the supplier only after the receipt of material in good condition.
9. 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.
10. 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.
11. Please quote your **sales Tax No. & Income Tax No.** also on your quotation. Copy of **VAT registration must be enclosed.**
12. 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% of total value of the supply order."
13. You will have to deposit upto 1.00 lac 5%, 1.00 lac to 5 lac 4%, 5 lac to 25 lac 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 in favour of **Comptroller G.B. Pant University of Agriculture & Technology**, payable at SBI/PNB/UCO Bank, Pantnagar.
14. The imported equipments above 3.00 lac may be purchased in Indian currency provided **Custom Duty Exemption is made available by the firm.**
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.

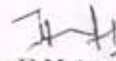
Yours faithfully

  
Signature & Seal of Purchaser  
Specification overleaf  
Professor & Head  
Physics Department

OFFICE/DEPARTMENT OF PHYSICS C.B.S.&H.

S. No.	Description of material (Specification if any)	Quantity Required	Rates quoted
1.	2.	3.	4.
1.	UV-Visible Spectrophotometer	1 No	
2.	LCR Meter  (Specification attached)	1 No.	

Signature of Purchaser



Dr.H.M.Agrawal

20/02/16

Prof.& Head, Deptt. of Physics

Professor & Head

Physics Department

G. B. Pant Univ. of Agri. & Tech.

Fatehgarh-263145 (Uttarakhand)



S No	Item	Specifications	Quantity		
1.	UV-Visible Spectrophotometer	1	Optical system	Double Beam	01 no.
		2	Spectral bandwidth in wavelength	0.5nm- 20 nm (variable)	
		3	Analyzing Samples	Solids, liquids, powder ,pastes and films	
		4	Source of light	Halogen lamp which should cover both UV and visible regions (190-1100nm)	
		5	Scan modes	% Transmittance, %Absorbance	
		6	Wavelength range	190-1100nm	
		7	Resolution	0.02 nm or better	
		8	Display	Desktop, flat screen about 17", HDD: 1TB RAM 8GB, Processor Intel i5 , compatible softwares, USB interface with cable and LaserJet printer with scanner and Photocopier ( Mention the make and model)	
		9	Operating system	Microsoft windows 7.0 embedded	
		10	Photometric accuracy	At 1 A: $\pm 0.004$ A or better	
		11	Photometric Reproducibility	< 0.001 A	
		12	Photometric Range	-4 to +4	
		13	Holographic Grating	With 1200gr/mm or better	
		14	Photometric noise	< 0.00005 A or better	
		15	Detector	Dual semiconductor photodiode	
		16	Wave length Accuracy	$\pm 0.1$ nm or better	
		17	Wavelength Reproducibility (10 measurements )	$\pm 0.1$ nm or better	
		18	Power supply	100-230 V $\pm 10\%$ AC ,Fequency 50-60 Hz	
		19	Cuvette match Pairs-02 sets	Cell 10mm (path length), Quartz	
		20	Solid sample holder	1 Pair	
		21	Online UPS	>3KVA copper wound (Mention the make and model)	
		22	Manual	Soft copy and Hard copy	
		23	Accessories	Diffused reflectance accessory for translucent powders , opaque gel and viscous liquid samples, Thin film accessories	
		24	Warranty	2 years or more	
		25	AMC	3 years after warranty (optional)	
		26	Installation	Installation should be free of cost	
		27	Application Training	3 days application training should be given free of cost after installation	

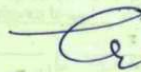
*H.M.*  
10/9/16  
(H.M. Agarwal)

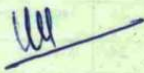
*Dr. M. G. H. Zaidi*  
(Dr. M. G. H. Zaidi)

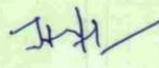
*Dr. A. K. Sharma*  
(Dr. A. K. Sharma)


### LCR Meter


S. No.	Item	Specifications	Quantity																																													
1.	LCR meter	<table border="1"> <tr> <td>1.</td> <td>Measurement parameter</td> <td><math>C_p</math>-D, <math>C_p</math>-Q, <math>C_s</math>-D, <math>C_s</math>-Q, <math>L_p</math>-D, <math>L_p</math>-Q, <math>L_s</math>-D, <math>L_s</math>-Q, R-X etc.</td> <td rowspan="11">01 No.</td> </tr> <tr> <td></td> <td>Range <math>C_s, C_p</math> <math>L_s, L_p</math> R, X</td> <td><math>10^{-15}</math> F to <math>10^{15}</math> F <math>10^{-15}</math> H to <math>10^{15}</math> H <math>10^{-15}</math> <math>\Omega</math> to <math>10^{15}</math> <math>\Omega</math></td> </tr> <tr> <td></td> <td>D</td> <td><math>1.0 \times 10^{-4}</math> to 9.999</td> </tr> <tr> <td></td> <td>Q</td> <td>0.01 to 9999.99</td> </tr> <tr> <td>2.</td> <td>Frequency Range</td> <td>20 Hz to 1 MHz</td> </tr> <tr> <td>3.</td> <td>Accuracy (in frequency)</td> <td><math>\leq 0.05\%</math></td> </tr> <tr> <td></td> <td>Accuracy (in measurement)</td> <td><math>\leq 0.01\%</math></td> </tr> <tr> <td>4.</td> <td>Test Signal level</td> <td><math>\geq 2V_{rms}</math></td> </tr> <tr> <td>5.</td> <td>DC bias signal level</td> <td>1.5 V or higher</td> </tr> <tr> <td>6.</td> <td>Interface – USB, LAN, LXI etc. (along with compatible software)</td> <td>Required</td> </tr> <tr> <td>7.</td> <td>Test accessory</td> <td>Required</td> </tr> <tr> <td>8.</td> <td>Operating Temperature</td> <td>0-50°C</td> </tr> <tr> <td>9.</td> <td>User Manual and calibration certificate</td> <td>Required</td> </tr> <tr> <td>10</td> <td>Warranty</td> <td>Two years or more</td> </tr> <tr> <td>11</td> <td>AMC</td> <td>03 years after warranty (optional)</td> </tr> </table>	1.	Measurement parameter	$C_p$ -D, $C_p$ -Q, $C_s$ -D, $C_s$ -Q, $L_p$ -D, $L_p$ -Q, $L_s$ -D, $L_s$ -Q, R-X etc.	01 No.		Range $C_s, C_p$ $L_s, L_p$ R, X	$10^{-15}$ F to $10^{15}$ F $10^{-15}$ H to $10^{15}$ H $10^{-15}$ $\Omega$ to $10^{15}$ $\Omega$		D	$1.0 \times 10^{-4}$ to 9.999		Q	0.01 to 9999.99	2.	Frequency Range	20 Hz to 1 MHz	3.	Accuracy (in frequency)	$\leq 0.05\%$		Accuracy (in measurement)	$\leq 0.01\%$	4.	Test Signal level	$\geq 2V_{rms}$	5.	DC bias signal level	1.5 V or higher	6.	Interface – USB, LAN, LXI etc. (along with compatible software)	Required	7.	Test accessory	Required	8.	Operating Temperature	0-50°C	9.	User Manual and calibration certificate	Required	10	Warranty	Two years or more	11	AMC	03 years after warranty (optional)
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Dr. Mahesh

  
(R.C. Srivastava)

  
(H.M. Agarwal)

  
(Signature)

  
(Signature)

  
(Signature)






गो0 ब0 पन्त कृषि, एके प्रौद्योगिकी विश्वविद्यालय  
पतनगर - 263145, जिला - उधम सिंह नगर (उत्तराखण्ड)

निविदा सूचना

विज्ञान एवं मानविकी महाविद्यालय के भौतिकी विभाग में निम्न (2) उपकरणों 1. UV Visible Spectrophotometer  
2 LCR Meter हेतु मुहर बंद कोटेशन/ निविदा आमंत्रित की जाती है, विस्तृत विवरण विश्वविद्यालय की वेबसाइट  
[www.gbpuat.ac.in](http://www.gbpuat.ac.in) पर देखा एवं डाउनलोड किया जा सकता है। निविदा प्राप्त होने की अन्तिम तिथि 25.01.2017  
है।

  
विभागाध्यक्ष भौतिकी  
विज्ञान एवं मानविकी महाविद्यालय

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