



Form No. : P & SD/I

UNIVERSITY OF ALLAHABAD
Limited Tender Enquiry (LTE)

No. :AU/CBT/ABY/DIC-01/2018

Dated: 15/02/2018

To,

Dear Sir/s,

We intend to purchase following materials/items for **Centre of Biotechnology**. Kindly send your QUOTATION giving lowest rates per unit along with terms and conditions in Sealed Cover addressed to **Dr. Awadh Bihari Yadav, DIC-Project Coordinator, Centre of Biotechnology, University of Allahabad** so as to reach this office on or before 10/03/2018.

THE WORD "QUOTATION", OUR REFERENCE NUMBER AND DATE SHOULD BOLDLY BE MENTIONED ON THE COVER.

Sl. No.	Description of the Goods	Quantity Required	Rate per Unit	Total Cost
1.	<p>System: Particle size measurement with Dynamic light scattering principle and Zeta Potential:</p> <p>Specification</p> <ul style="list-style-type: none">• Correlator: High sensitive corrector with minimum 1024 channels or above.• Temperature control range: 0 deg. C to 90 deg. C:• Particle Size:<ul style="list-style-type: none">○ Measured range : 1nm to 4.0 microns or above○ Measured principle : Dynamic light scattering○ Sample Concentration Range: 0.001% w/v to cover all research oriented w/v concentrations (up to 5% w/v).○ Minimum sample volume : 20 microliter○ Accuracy : better than +/- 2% of NIST traceable latex standards○ Precision/repeatability : better than +/- 2% on NIST traceable latex standards• Zeta Potential:<ul style="list-style-type: none">○ Measured range: +/- 300mV○ Size Range for Zeta Potential: 5 nm to 30 microns or above.○ Measured Principle : Electrophoretic light scattering. It should use the method of Phase Analysis Light Scattering (PALS) to improve the repeatability of measurements of low mobility samples○ Minimum sample volume : 750 microlitre	01		

	<ul style="list-style-type: none"> ○ Maximum sample conductivity : 300 mS/cm ○ Disposable cells should be quoted to remove any cross contamination. <ul style="list-style-type: none"> ● Molecular Weight: <ul style="list-style-type: none"> ○ Measured range : 10,000 Da to 2x10⁷ Da ○ Measured principle: Static light scattering using Debye plot or using Dynamic Light Scattering. ○ Minimum sample volume : 20 microlitre <ul style="list-style-type: none"> ● General <ul style="list-style-type: none"> • Power requirements: 240V, 50 HZ • Operating environment temperature : 20-35 degree C • Operating environment humidity - 40 to 90% • Should be free from any vibration <p>1. Laser source</p> <ul style="list-style-type: none"> • Type: Low Power He Ne Laser • Wavelength in nanometers: 653nm or lower <p>2. Detector/detector electronics</p> <ul style="list-style-type: none"> • Type: Avalanche Photo Diode with highest sensitivity for size measurements. <p>3. Output</p> <ul style="list-style-type: none"> • For particle size : differential/cumulative distributions; values for sizes at given percentages, fits to distribution models • For zeta potential : plot of zeta potential distribution, mean zeta value • For molecular weight: mean molecular weight value. <p>4. Software</p> <ul style="list-style-type: none"> • The software should be Windows XP/Window 7 based. It should provide result such as particle size, zeta potential measurement and Molecular Weight determination. • The software should have in built diagnostic features like Size Quality Report and Zeta Quality Report with the ability to provide expert advice based on the rate data that has been accumulated. The raw data should be available later for analysis & use with other software modules. <p>5.Computer (Optional)</p> <ul style="list-style-type: none"> • Processor type : Intel Core i5 Processor, 4 GB RAM • Memory size : 250 GB HD, CD-ROM or DVD + RW drive, USB port • Operating system: Windows XP pro, Windows Vista or Windows 7 Professional (32 bit and 64 bit) • Monitor type : Wide Screen Monitor • Software supports for the equipment 			
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<ul style="list-style-type: none"> • 3KVA Online UPS <p>6a. Accessories:</p> <p>Together with the instrument following parts and consumables should be supplied:</p> <ul style="list-style-type: none"> • Disposable Zeta potential measurement cells with gold/platinum or equivalent plated electrode.---- 10 nos. • 100 nos. of 12 mm square disposable polystyrene sample cell. <p>6b. Optional Accessories:</p> <p>Vendor to quote for the following as optional items:</p> <ul style="list-style-type: none"> • Autotitrator: Optional Autotitrator to automate the measurement of size and zeta potential as a function of pH, conductivity or additive concentration. • Upgradeable for flow mode operation with SEC to enable connection of 1 or 2 external detectors & a remote measurement start. The optics must be fully pre-aligned with no user adjustment required. <p>Mandatory Requirement: INSTALLATION & COMMISSIONING:</p> <p>The vendor should supply list of installation (minimum 10) in India of the same model quoted against this enquiry. Installation & commissioning of the test facility shall be done by the supplier at our site. Training to our R&D personnel on operation of the system to be imparted by the supplier.</p> <p>Warranty</p> <ul style="list-style-type: none"> ○ One year standard warranty should be provided. 			
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1. While submitting the quotation following should invariably be mentioned:
 - a) Name of the manufacturer of the item quoted along with brand name, if any.
 - b) Details of specification.
 - c) Lowest rate F.O.R. destination.
 - d) Discount, if any.
 - e) Sales Tax /VAT at concessional rate as applicable to the Educational Institutions.
 - f) Period of validity - (minimum six months).
 - g) Firm delivery time from the date of receipt of confirmed order, condition of supply and terms of payment.
2. If you are manufacturer of the items or if you have proprietary distribution/sales authorization, please mention it in the quotation.
3. For items of equipment nature the Instruction Manual, Diagram of the circuit drawing must be supplied along with supply without which the delivery shall be incomplete.
4. Please fill in and return the Suppliers Profile Form & Mandate Form.
5. Terms & Conditions as applicable are attached.

N.B.

1. Under no circumstances unsealed quotation will be entertained in the office.
2. Quotations received after the due date shall not be considered.

(Dr. Awadh Bihari Yadav)
 DIC-Project Coordinator
 Centre of Biotechnology

Terms & Conditions

1. Quotation received after due date and time shall be summarily ignored.
2. Unsolicited / conditional / unsigned tenders shall not be considered.
3. Complete specification with model and manufacturer name and address should be given while quoting. Literature / Pamphlets should also be enclosed wherever applicable.
4. Rates must clearly indicate all taxes and discounts offered, if any.
5. No price negotiation will be entertained in normal course of action.
6. In case the products are available on DGS&D rate contract, may quote DGS&D rate contract rates enclosing a copy of the rate Contract.
7. Delivery shall be given in 30 days of receipt of purchase order at the University Campus. The offered delivery period shall have to be strictly adhered to incase an order is placed.
8. IT, TT would be recovered as per rules. Kindly furnish your CST, UPTT, TIN & GSTN Number in your quotation for our records.
9. Payment shall be made on delivery and satisfactory installation of the equipment.
10. After sale, the service will be provided free of cost up to warranty period. Charges after warranty period may be quoted.
11. Tender conditions, if any, or otherwise sent also with the tender shall not be binding on us.
12. The acceptance of the quotation will rest with the competent authority of Allahabad University, who does not bind himself to accept the lowest quotation and reserves the right to himself to reject, or partially accept any or all the quotation & received without assigning any reasons.
13. All the above instructions and our standard terms and conditions must be complied, failing which your offer may be liable for rejection.
14. All suits shall be in the courts of **Allahabad Jurisdiction** only.
15. Terms & conditions of purchase as per University rules shall be applicable.
16. Tender should be addressed to the **DIC Project Coordinator Dr Awadh Bihari Yadav, Centre of Biotechnology**, University of Allahabad, Allahabad..
17. **Vendor must enclose a authorization certificate of the company with tender document.**
18. Successful bidder shall furnish an unconditional PBG / SD valid till 60 days after the warranty period from any nationalized / scheduled bank for 10% of the total amount.
19. Liquidated damages rate for delay in delivery is 0.5% per week & max. 5% of the total amount.



Form No. : P & SD/II

UNIVERSITY OF ALLAHABAD

Supplier Profile Form

1. Firm's Name : _____
2. Owner's Name : _____
3. Full Postal Address: 1. _____
_____ PIN _____
2. _____
_____ PIN _____
4. E-mail address : _____
5. Website address : _____
6. Contact Person's Name : _____
7. Contact No. : Phone No. : _____ Mobile No.: _____
Fax No.: _____ City: _____ State: _____
8. Sale Tax Registration No. : UPTT No.: _____ CST No.: _____
(Enclose Xerox copy) TIN _____ GSTN _____
9. PAN : _____
(Enclose Xerox copy)
10. Shop Act Registration No : _____
(Enclose Xerox copy)
11. Excise Registration No. : _____
(Enclose Xerox copy)
12. Current Bank Account No: _____ (Statement of last
twelve months should be enclose)
13. Manufacturer or Supplier : _____
(In case of supplier please enclose authorization of your Principal)
14. List of the organizations to whom the materials have been supplied
15. Item(s) name you want to supply : (Major category) _____
Item wise rate list, with available discount (if any), is attached.

Note: Supplier must print CST/UPTT/TIN No. on their Letter Head / Bill / Quotations.

Signature with Seal

Mandate Form

**Electronic Clearing Service (Credit Clearing)/Real Time Gross Settlement (RTGS) Facility
for Receiving Payments**

Details of Account Holder:

1.	Firm/Contractor/Agency	
2.	Name of Accounts Holder	
3.	Complete Contact Address	
4.	Telephone Number / Fax / E-mail	

Bank Accounts Details:

1.	Name of the Bank viz. SBI/PNB	
2.	Branch Name with Complete Address	
3.	Telephone Number and E-mail of Bank Branch	
4.	Whether the Branch is computerized?	
5.	Whether the Branch is RTGS enabled? If yes, then what is the Branch's IFSC Code?	
6.	Is the Branch also NEFT enabled	
7.	Type of Bank Account (SB/Current/Cash Credit)	
8.	MICR Code of Bank	
9.	Complete Bank Account Number	
10.	Repeat Bank Account Number	

Signature of Customer

Date:

I hereby
Certified that _____

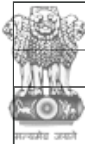
Bank Stamp

Signature of Branch Manager

1.

2.

<i>M/s</i>	<i>M/s</i>
<i>M/s</i>	<i>M/s</i>
<i>M/s</i>	<i>M/s</i>
<i>M/s</i>	<i>M/s</i>
<i>M/s</i>	<i>M/s</i>



Basic Details

Organisation Chain	University of Allahabad Purchase and Stores Department-UoA		
Tender Reference Number	AU/CBT/ABY/DIC-01/2018		
Tender ID	2018_UA_293132_1		
Tender Type	Limited.	Form of contract	Supply
Tender Category	Goods	No. of Covers	1
General Technical Evaluation Allowed	No	ItemWise Technical Evaluation Allowed	No
Payment Mode	Not Applicable	Is Multi Currency Allowed For BOQ	No
Is Multi Currency Allowed For Fee	No		

Cover Details, No. Of Covers - 1

Cover No	Cover	Document Type	Description
1	Fee/PreQual/Technical/Finance	.pdf	Tender Document

Tender Fee Details, [Total Fee in ₹ * - 0.00]

Tender Fee in ₹	0.00	Fee Payable To	Nil	Fee Payable At	Nil
Tender Fee Exemption Allowed	No				

EMD Fee Details

EMD Amount in ₹	0.00	EMD Exemption Allowed	No
EMD Fee Type	fixed	EMD Percentage	NA
EMD Payable To	Nil	EMD Payable At	Nil

Work /Item(s)

Title	Particle size and Zeta Potential measurement System				
Work Description	as per tender document				
Pre Qualification Details	Please refer Tender documents.				
Independent External Monitor	NA				
Tender Value in ₹	21,00,000	Product Category	Electronics Equipment	Sub category	NA
Contract Type	Tender	Bid Validity(Days)	120	Period Of Work(Days)	30
Location	Lab of Department of Biotechnology	Pincode	211002	Pre Bid Meeting Place	NA
Pre Bid Meeting Address	NA	Pre Bid Meeting Date	NA	Bid Opening Place	Dean Science, Faculty of Science, UoA

Critical Dates

Publish Date	15-Feb-2018 10:15 AM	Bid Opening Date	15-Mar-2018 03:00 PM
Document Download / Sale Start Date	15-Feb-2018 10:15 AM	Document Download / Sale End Date	10-Mar-2018 05:00 PM
Clarification Start Date	NA	Clarification End Date	NA
Bid Submission Start Date	15-Feb-2018 10:15 AM	Bid Submission End Date	10-Mar-2018 05:00 PM

Tender Documents

NIT Document	S.No	Document Name	Description	Document Size (in KB)
	1	Tendernotice_1.pdf	Tender Document	240.36

Work Item Documents	S.No	Document Type	Document Name	Description	Document Size (in KB)
	1	Tender Documents	LTE-FOR-ZETASISER-15022018.pdf	As per tender document	240.36

Tender Inviting Authority

Name	DIC-Project Coordinator, Dr Awadh Bihari Yadav
Address	Centre of Biotechnology, University of Allahabad-211002

Tender Creator Details

Created By	Manish Kumar Chaurasia
Designation	Computer Operator
Created Date	15-Feb-2018 10:07 AM