

Department of Biochemistry
University of Delhi South Campus
Benito Juarez Road, New Delhi 110021

Quotation Invitation Letter

Date: 15.01.2016

Ref. No. – UDSC/BIOCHEMISTRY/ 333

PURCHASE OF UV-VISIBLE SPECTROPHOTOMETER

Sealed quotations are invited for the following equipment so as to reach the undersigned latest by **January 30, 2016 (5pm)**

Name of the equipment : UV-Visible Spectrophotometer

Quantity : One

Quotation invited for Research grade UV-VIS spectrophotometer with applications like Photometric Direct reads, Wavelength scanned Spectrum, Quantitations, Kinetics, Time Scan, DNA and Protein quantitation in standard and PC mode with control from appropriate software and PC-based data storage mode.

Specifications and Technical Details:

A) For Spectral Analysis:

- 1) Wavelength Range : 190 to 900 nm;
- 2) Bandwidth : 1nm or better
- 3) Accuracy : $\pm 0.1 - \pm 2$ nm (for D2 Spectral Line or company specified parameter)

B) For Photometric Analysis :

- 1) System: Stable single beam optics
- 2) Range : -4 to +4 Abs & 0 to 400% T
- 3) Accuracy : ± 0.002 Abs at 0.5 Abs
- 4) Repeatability : $< +$ or $- 0.001$ Abs at 0.5 Abs
- 5) Drifting/ Stability: $- 0.0003$ Abs/hr
- 6) High baseline flatness of $+ \&- 0.0006$ abs over entire wavelength range
- 7) Ultra Low photometric Noise of < 0.00005 Abs
- 8) Scanning Speed: 10-3000 nm/min
- 9) Detector : photo multiplier/ photo diode
- 10) Dual Source: High intensity Tungsten-Halogen Lamp & Deuterium Lamp with automatic change over
- 11) 5 USB ports for high speed PC and printer connectivity, data storage and transfer through USB pen drive
- 12) Compact design with minimum weight; comparatively large sample compartment compatible with wide range of accessories

C) For Scanning Spectra: Mention the details of scanning facility in visible & UV spectra range with variable Scan Speed.

D) Peltier (preferred) / Water bath circulator based temperature controller mentioning the working temperature range

- E) High end computer and printer and original licensed software
- F) 1-2 pair of Matched pair of quartz cuvettes of 1cm path length should be provided
- G) Warranty should be for minimal 2 years
- H) Specify any additional information regarding the merits of the instrument

Instructions to Suppliers:

Two types of quotations are to be submitted : **Technical** and **Financial**.

Technical Quotations should contain all details of technical specifications of the equipment including manufacture and model details along with commercial terms and conditions, warranty and delivery schedule. The quote should be valid for a minimum of 120 days from the due date. Pictures of the actual model of the instrument must be attached showing previously manufactured spectrophotometer with similar specifications as above with logo or name of the company on the equipment. Authorization certificates from the Principal manufacturer, if any, must be provided. Proprietary certificate for any proprietary or patented item must be provided. Unique features of the equipment maybe highlighted along with their applications and advantages over other available models.

A user list of atleast 10-20 users of the model quoted (who have installed and used the instrument successfully for years) with complete addresses / e-mail IDs / phone nos should also be appended.

Please include point-wise technical compliance statement and attach original technical literature/brochure in support of the claims, which should highlighted.

Financial Quotations should contain price of the equipment, discount if any, packaging and forwarding charges, Air Freight and insurance charges. The price quoted should be CIP, New Delhi or F.O.R destination against customs duty exemption certificates provided by the buyer and inclusive of standard installation.

The supplier should seal both the quotations in separate covers. Both these sealed covers are to be put in a separate bigger envelope, which also be sealed and superscripted.

Institute reserves the right to order equipment with better quality and suitability over lower price and to accept or reject any or all quotations without assigning reasons thereof. It also reserves the right to request for free demonstration of the quoted items for technical acceptability as per the tender specifications. The tender may also be cancelled without providing reasons.

Head
Department of Biochemistry
Kind attention: Dr. Suman Kundu
University of Delhi South Campus
Benito Juarez Road
New Delhi 110021
Phone – 011-24114159.

विभागाध्यक्ष / Head
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New Delhi-110021

**Government e-Procurement System
Tender Input Form-CPPP
(for ePublishing)**

TENDER INPUT FORM

(A) BASIC DETAILS:

1	Tender Reference No. *	UDSC/Biochemistry
2	Tender Type *	<input checked="" type="checkbox"/> Open <input type="checkbox"/> Limited <input type="checkbox"/> EOI <input type="checkbox"/> Auction <input type="checkbox"/> Single
3	Form of Contract *	<input type="checkbox"/> Piece Work <input type="checkbox"/> Lump-sum <input type="checkbox"/> Multi Stage <input type="checkbox"/> Supply <input type="checkbox"/> Fixed Rate <input type="checkbox"/> Turn-key <input checked="" type="checkbox"/> Buy <input type="checkbox"/> Works <input type="checkbox"/> Sale
4	No. of Covers *	<input type="checkbox"/> 1 <input checked="" type="checkbox"/> 2 <input type="checkbox"/> 3 <input type="checkbox"/> 4
5	Tender Category *	<input checked="" type="checkbox"/> Goods <input type="checkbox"/> Works <input type="checkbox"/> Services
	Account Type Head *	<input type="checkbox"/> State Government Funder <input checked="" type="checkbox"/> Central Government Funded <input type="checkbox"/> Others
6	No of Bid Openers	<input checked="" type="checkbox"/> 2 of 2
7	Payment Mode *	<input checked="" type="checkbox"/> Offline <input type="checkbox"/> Online
7 (a)	If Offline :	Instruments : <input type="checkbox"/> SS-Small Savings Instrument <input type="checkbox"/> BG-Bank Guarantee <input type="checkbox"/> BC-Bankers Cheque <input checked="" type="checkbox"/> DD-Demand Draft

(B) COVER DETAILS:

	No. of Covers	Cover type	Contents
1	Single Cover	Fee/Prequal/Technical/Financial	
2 ✓	Two Covers	(a) Fee/Prequal/Technical ✓ (b) Financial ✓	
3	3 Covers	(a) Fee (b) Prequal/Technical (c) Financial	
4	4 Covers	(a) Fee (b) Prequal (c) Technical (d) Financial	

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(C) NIT DOCUMENT (ONLY .JPG AND .PDF FILES ARE SUPPORTED)

SNo	File name	Type:	Size:
1		PDF	

(D) WORK ITEM DETAILS:

1	Work Item Title *	UV-VISIBLE SPECTROPHOTOMETER
2	Work Description *	Purchase, installation, demonstration
3	Pre qual. Details	
4	Product Category *	<input type="checkbox"/> civil works <input checked="" type="checkbox"/> electrical works <input type="checkbox"/> Fleet Management <input type="checkbox"/> Computer Systems
5	Product Sub Category	NA
6	Contract Type *	<input checked="" type="checkbox"/> Tender <input type="checkbox"/> Empanelment
7	Tender Value *	<input type="checkbox"/> INR <input type="checkbox"/> US <input type="checkbox"/> EUR Tender Value <u>None</u>
8	Bid Validity days * If other, specify	<input type="checkbox"/> 120 <input checked="" type="checkbox"/> 90 <input type="checkbox"/> 60 <input type="checkbox"/> 30
9	Completion Period in months	1 Month
10	Location (Work/services/items) *	Biochemistry, south campus
11	Pin code	110021
12	Pre Bid Meeting *	<input type="radio"/> Yes <input checked="" type="radio"/> No
	If Pre Bid Meeting is Yes	
12 (a)	Pre Bid Meeting Place *	NA
12 (b)	Pre Bid Meeting Address *	NA
13	Bid Opening Place *	Biochemistry, south campus
14	Tenderer Class *	<input type="checkbox"/> A <input type="checkbox"/> B <input type="checkbox"/> C <input type="checkbox"/> D <input type="checkbox"/> E <input type="checkbox"/> I <input type="checkbox"/> II <input type="checkbox"/> III <input type="checkbox"/> IV <input type="checkbox"/> V <input type="checkbox"/> Others
15	Inviting Officer *	HOD, Biochemistry
16	Inviting Officer Address * Phone/email:	Biochemistry, south campus New Delhi - 110021 24114159

(E) FEE DETAILS:

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1	<u>TENDER CHARGES:</u>	NA
	Fee Payment Mode	Offline Online Not Applicable
	Tender Fee (INR)	NA
	Exemption Allowed	Yes No NA
	Tender Charges Payable To *	NA
	Tender Charges Payable At *	NA
2	<u>EMD FEE DETAILS:</u>	NIL
	EMD Fee	<input type="radio"/> Fixed <input type="radio"/> Percentage NA
	EMD Amount:	NA
	EMD Exemption Allowed	Yes NA No
	EMD Exemption Allowed	Yes NA No
	EMD Fee Payable To *	NA
	EMD Fee Payable At *	NA

(F) CRITICAL DATES:

		DD	MM	YYYY	Hrs	Mins
1	Publishing Date	15	01	2016	17	00
2	Document Sale Start Date					
3	Document Sale End Date					
4	Seek Clarification Start Date					
5	Seek Clarification End Date					
6	Pre Bid Meeting Date					
7	Bid Submission Start Date	15	01	2016	17	00
8	Bid Submission End Date	30	01	2016	17	00
9	Bid Opening Date	01	02	2016	11	30

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(G) UPLOADING THE TENDER DOCUMENTS;(ONLY PDF,JPG,XLS & RAR FILES ALLOWED)

SNo	File name	Description	Type	Size:
1	uv-visible	Quotation	PDF	
2	spectrophotometer	Invitation letter		
3	15.01.2016			
4				
5				

Prepared by:

Name/Designation

Dr. Suman Kundu
 Professor
 Department of Biochemistry
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 South Campus

Date of Duplication

Approved by:

Name/Designation

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