

ENQUIRY No. 015/2019/ DST-PURSE-II/School of Advanced Studies of Industrial Pollution Control Engg/Equipment
 Reqn. No: 2199, DATED: 07.12.2018
 (To be quoted in all Correspondences)
 Tele/ Fax: 2414-6154



DST-PURSE- II
Central Project Section
 JADAVPUR UNIVERSITY
KOLKATA - 700032, INDIA

Dated: 27/08/2019

Dear Sir,

I shall be pleased to receive your lowest possible quotation in a SEALED COVER with our ENQUIRY NUMBER and the DUE DATE duly superscripted on the COVER and on the face of the offer letter for the supply of the under mentioned goods or articles, subjects to the TERMS AND CONDITIONS outlined in the below. Interested vendors are requested to provide their bids as per mentioned in the table below, under Two-Bid System. Last date for submission of quotation is **09/09/2019 at the Central Monitoring Cell, 2nd floor Aurobindo Bhavan (within 16:00 p.m.)**

Sl. No	PARTICULARS	APPROXIMATE QUANTITY
1.	<p>Item: Dual Beam UV-VIS Spectrophotometer Minimum Specification:- Optical Design: Dual Beam - Internal Reference detector or better technology if available Technical Specification: Annexure I Technical Compliance Format Sheet: Annexure II Commercial Terms: Annexure III</p> <p>Tender as per Two-Bid System, financial bid will be opened only if technical bid is found in order after technical evaluation. University reserves the right of selection.</p> <p>Technical bid & Price bid with other documents are to be submitted in two separate sealed covers, Where two covers to put in a Large Cover.</p>	01(One) No.

- ★ Note:
- ★ **Price bid and other documents to be submitted in two separate sealed cover.**
- ★ Agency should deposit Earnest Money 13,000/- (Rupees Thirteen Thousand Only) by Demand Draft in favour of "Registrar, Jadavpur University" payable at "Jadavpur Kolkata". Offer with EMD to be submitted C.M. Cell at Aurobindo Bhavan, 2nd floor, Jadavpur University.
- ★ J.U. Enlisted parties are exempted from payment of EMD.
- ★ Tenderers having valid/relevant NSIC (or MSME) certificate or registration are exempted from payment of EMD. Where such proof needs to be submitted.
- ★ EMD will be refunded after selection of bidders without any accrued interest for all unsuccessful bidders.
- ★ Tender specific Authorization Letter from manufacturers or manufacturing certificate from authority must be provided for Equip etc.
- ★ Quotation shall be accepted only from GST registered Vendors/Dealers/Manufacturers etc. The GST registration number must be mentioned on the quotation.
- ★ University enjoys a concessional GST rate of 5% for Scientific Equipment, including computers etc. against necessary certificate under govt. Notification.
- ★ Warranty must be mentioned in your offer for the item/items.
- ★ Validity of your offer will be 90 days from offer date.
- ★ The last date of submission of tender as on 14th "August" 2019 within 03:00 pm at the Purchase Section, AurobindoBhavan , Annex building, 2nd floor, Kolkata – 700032. Venders are requested to attend. Technical bid will be opened on 14th "August" at 03:30 pm. &
- ★ **The Price Bid/Financial Bid will opened within next 15 days after Technical evaluation.**
- ★ University reserves the right of selection.
- ★ Parties are requested to keep touch to the Department of Chemical Engineering (Dr. Abhijit Bhowal), before quoting the rate for better knowledge of specification & quality of material.

Yours faithfully

Finance Officer

TERMS & CONDITIONS OF TENDER

1. Quotation should be for FREE DELIVERY at Jadavpur unless otherwise arranged.
2. Prices quoted should be nett and minimum period of validity of the quotation SHOULD BE FOR 90 (Ninety) days from the closing date
3. Quotations should be free from CORRECTIONS and ERASURE
4. Sample must be attached with quotation in all possible cases.
5. Manufacturer's NAME and the COUNTRY OF ORIGIN of the materials offered must be clearly specified failing which the Tender will not be considered.
6. Samples must be submitted where specified so as to reach this office before the DUE DATE of Enquiry. Samples must be labelled clearly with our ENQUIRY NUMBER, DUE DATE, NAME OF FIRM and number on sample must correspond to the items in the tender.
7. The tenderers will not be entitled to ask for any further information other than whether their tenders have been received or not.
8. The University does not bind itself to accept the lowest or any tender or assign any reason for non-acceptance. It further reserves the right to accept any tender in part or in whole at its option.
9. If the University finds that the materials supplied are not of the contract quality or not according to the specification required by the University or otherwise not satisfactory owing to any reason, of which the University shall be the sole judge, the University shall be entitled to refuse the acceptance of the said materials, cancel the order and buy its requirement elsewhere at supplier's responsibility.
10. Tenderers must as far as possible, arrange to supply the materials according to the terms of delivery specified in the orders. If however this is not possible, they shall clearly specify the time in which the delivery of the articles can be effected. This delivery time must be strictly adhered to. Failure to supply within the specified time will lead to cancellation of the order without notice.
11. If the deliveries are not regular and if on that account the University is forced to buy the materials elsewhere, any loss or damage that the University may sustain thereby will be recovered from the supplier for non-delivery at the scheduled periods.
12. THREE consecutive failures to supply within the scheduled time or times will entail removal of the Tenderer's name from the Approved List of Suppliers.
13. If any tenderer proposes to charge GST & Delivery charges, in addition to his quoted rates this fact should be stated specifically in his quotation. In the absence of such statement the rate quoted will be deemed to be inclusive of GST & Delivery charges.
14. Non Compliance of a order may lead to cancellation of enlistment and no enquiry will be issued in future. Up to 10% of bill value may be deducted for default on delivery.
15. IN ALL CASES OF DISPUTES, THE DECISION OF THE UNIVERSITY SHALL BE FINAL & BINDING ON YOU.

By Order

Annexure-I

ENQUIRY No. 015/2019/ DST-PURSE-II/School of Advanced Studies of Industrial Pollution Control Engg/Equipment
Reqn. No: 2199, DATED: 07.12.2018

Dual Beam UV-VIS Spectrophotometer

Minimum Specification:

Optical Design: Dual Beam - Internal Reference detector or better technology if available

1. Spectral Bandwidth: 1.8 nm or better
 2. **Light Source (typical lifetime): Xenon Flash Lamp (with 3 yrs guarantee)**
 3. Detectors: **Dual** Silicon Photodiodes(Sample & Reference Detector)
 4. Wavelength Range: 190 - 1100nm
 5. Wavelength Accuracy: ± 1.0 nm or better
 6. Wavelength Repeatability: ± 0.5 nm or better
 7. Wavelength Slew Speed: 11,000 nm/min or better
 8. Wavelength Scan Speed: 10 - 4200 nm/min or better
 9. Wavelength Data Interval for Scanning: 0.2, 0.5, 1.0, 2.0, 3.0, 5.0, nm or better
 10. Photometric Linear Range: Up to 3.5 A at 260 nm or better
 11. Photometric Display: -0.5 - 5.0A; 1.5 - 125% T; ± 9999 C or better
 12. Photometric Accuracy: ± 0.005 A at 1.0 A 0.010 A K₂Cr₂O₇ or better
 13. Photometric Noise: < 0.00025 at 0.0 A, < 0.00050 at 1.0 A, < 0.00080 at 2.0 A, RMS at 260 nm or better
 14. Photometric Drift: < 0.0005 A/hr or better
 15. Stray Light: < 0.08% T at 220, 340 nm (NaI, NaNO₂) < 1.0% T at 198 - 200 nm (KCl) or better
 16. Display: Graphical with LCD backlight
 17. Keypad: Sealed Membrane with tactile response keys
 18. Connectivity: USB Type A port for USB memory device (front panel)
 19. USB Type B port for optional computer connectivity (rear panel)
 20. USB Type A port for external printer (rear panel)
- ❖ Should come with suitable power cords
 - ❖ **6-Position Automatic Cell Holder (Integrated 6-Cell Changer for sample & Reference)**
 - ❖ Single cuvette holder
 - **The price should also include** 10mm Optical path x 12.5mm Exterior Width Silica Cuvette (Volume 3.5 ml) -2 Pair 1 KVA UPS with 30 Minutes Back up. A point by point compliance statement supported by relevant literature should be given along with the offer

Annexure-II

ENQUIRY No. 015/2019/ DST-PURSE-II/School of Advanced Studies of Industrial Pollution Control Engg/Equipment
 Reqn. No: 2199, DATED: 07.12.2018

Technical Compliance Format Sheet of Dual Beam UV-VIS Spectrophotometer attachment

Sl. No.	Description	Complied (Yes/No)	Deviation (If any)
	Dual Beam UV-VIS Spectrophotometer Minimum Specification: Optical Design: Dual Beam - Internal Reference detector or better technology if available		
1.	Spectral Bandwidth:	1. 1.8 nm or better	
2.	Light Source (typical lifetime):	2. Xenon Flash Lamp (with 3 yrs guarantee)	
3.	Detectors:	3. Dual Silicon Photodiodes(Sample & Reference Detector)	
4.	Wavelength Range:	4. Wavelength Range: 190 - 1100nm	
5.	Wavelength Accuracy:	5. ± 1.0 nm or better	
6.	Wavelength Repeatability:	6. ± 0.5 nm or better	
7.	Wavelength Slew Speed:	7. 11,000 nm/min or better	
8.	Wavelength Scan Speed:	8. 10 - 4200 nm/min or better	
9.	Wavelength Data Interval for Scanning:	9. 0.2, 0.5, 1.0, 2.0, 3.0, 5.0, nm or better	
10.	Photometric Linear Range:	10. Up to 3.5 A at 260 nm or better	
11.	Photometric Display:	11. -0.5 - 5.0A; 1.5 - 125% T; ± 9999 C or better	
12.	Photometric Accuracy:	12. ± 0.005 A at 1.0 A 0.010 A K2Cr207 or better	
13.	Photometric Noise:	13. < 0.00025 at 0.0 A, < 0.00050 at 1.0 A, < 0.00080 at 2.0 A, RMS at 260 nm or better	
14.	Photometric Drift:	14. < 0.0005 A/hr or better	
15.	Stray Light:	15. < 0.08% T at 220, 340 nm (NaI, NaNO ₂) < 1.0% T at 198 - 200 nm (KCl) or better	
16.	Display:	16. Graphical with LCD backlight	
17.	Keypad:	17. Sealed Membrane with tactile response keys	
18.	Connectivity:	18. USB Type A port for USB memory device (front panel)	
		19. USB Type B port for optional computer connectivity (rear panel)	
		20. USB Type A port for external printer (rear panel)	
		Should come with suitable power cords	
		❖ 6-Position Automatic Cell Holder (Integrated 6-Cell Changer for sample & Reference)	
		❖ Single cuvette holder	
		The price should also include 10mm Optical path x 12.5mm Exterior Width Silica Cuvette (Volume 3.5 ml) -2 Pair 1 KVA UPS with 30 Minutes Back up. A point by point compliance statement supported by relevant literature should be given along with the offer	

Annexure-III

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Commercial Terms

- a) Company should have supply the proof of similar type of Equipment / Instrument to a University / Institution within one year.
- b) Sealed bids are invited from eligible and reputed bidders those are being authorized by OEM for this Specific Tender for sales & service of the Equipment in Jadavpur University.
- c) For immediate Service & Support local service center shall be there presence in Kolkata.
- d) The OEM/OEM Authorized bidder must have Support Service Center with manpower in Kolkata / West Bengal. So that any support must be attended within one (01) day.

List of Technical staff with Qualifications & Experience should be submitted with the bid.
- e) Financial bid will be opened only if technical bid is found in order after technical evaluation. University Reserves the right of selection.