

Office of the Dean of Research and Consultancy
Indian Institute of Engineering Science and Technology (IEST) Shibpur
P.O. Botanic Garden, Howrah – 711 103, West Bengal, India

Project Code: DRC/DESNOZ-CON/CHEM/SS/022/12-13

Centre for Healthcare Science and Technology (CHST)
Indian Institute of Engineering Science and Technology, Shibpur
Howrah-711 103

Ref.: Tender Advt. No. CH 1405, published in the "Statesman (All Edition)", dated
28.08.2018

Notice Inviting Quotations

Sealed quotations are invited for the supply of ***Double beam Scanning UV-Visible Spectrophotometer*** as per the following technical specification. The relevant bidding document can be downloaded from the website. The document can be also obtained from the CHST (contact : Nano Science and Synthetic Leaf Laboratory at Downing Hall) between 10.30 a.m. and 3.00 p.m. Last date of submission is 07 working days from the date of publication.

Dean (R & C)

(A. Code DRC-T030/18-19)

This is downloadable

**INDIAN INSTITUTE OF ENGINEERING SCIENCE AND
TECHNOLOGY, SHIBPUR**



BIDDING DOCUMENT

(Project Code: DRC/DESNOZ-CON/CHEM/SS/022/12-13)

**Ref.: Tender Advt. No. CH 1405, published in the "Statesman (All Edition)", dated
28.08.2018**

For Supply of

Double beam Scanning UV-Visible Spectrophotometer

Under

Consultancy Project of Cromoz. Inc. USA

Centre for Healthcare Science and Technology (CHST)

21st August, 2018

SECTION I: TERMS & CONDITIONS AND IMPORTANT INSTRUCTIONS
FOR BIDDERS

1. Bidders are to invited to submit sealed quotation as per the technical specifications for tendered item to Nano Science and Synthetic Leaf Lab at Downing Hall between 10.30 a.m. and 3.00 p.m. Last date is 07 working days from the date of publication except Saturday, Sunday and other public holidays.
2. The last date of receipt of tenders is 07 working days from the date of publication quotations received later will not be entertained under any circumstances.
3. Date and time of opening of bid is next day from last date and the place of opening of bid is office Room of the CHST, IEST, Shibpur, Howrah-711103.
4. Bidders are to submit the quotations in Sealed Cover to the CHST, Nano Science and Synthetic Leaf Lab at Downing Hall in the following address:

Prof. Sabyasachi Sarkar,
Nano Science and Synthetic Leaf Lab at Downing Hall
Centre for Healthcare Science and Technology (CHST),
Indian Institute of Engineering Science and Technology, Shibpur
Howrah-711 103

5. All bids should be submitted in ONE-BID (TECHNO-COMMERCIAL BID) Format in covers (Enquiry Number must be mentioned on cover).

TECHNO-COMMERCIAL BID - giving Detailed Specifications, International Standards (BIS/INTERNATIONAL), Catalogues, List of users & Technical Details / Operating Parameters, Pre-Installation Requirements, payment terms, warranty, etc. along with PRICE BID - giving full Prices in Indian Rupees (only) for

- (a) Tendered item.
 - (b) Essential Accessories & Spares.
6. The price quoted should be inclusive of all Taxes, duties and levies. Inclusion of Tax/Levy at a latter stage will not be accepted. Freight, Insurance charges should be clearly indicated.
 7. The materials are to be supplied at a place within IEST premises between 11.00 a.m. and 4.00 p.m. The tenderer will be responsible for any breakage, damage or defect in the equipment detected subsequently. The supply and installation of the equipment should be completed within a period not exceeding 3 months from the placement of the formal work order or opening of the LC failing which appropriate action will be taken as per university rules.
 8. If the supply is not completed within the stipulated period as indicated in the Work Order, a Liquidated Damage @ ½ per cent per week will be imposed subject to maximum of 5% of the value of work order.
 9. For Indian purchase (*This clause is applicable only for Indian purchase and not applicable for foreign purchase*):

Bills in triplicate should be presented for payment within 15 days of Supply / Completion of work. No Advance Payment can be made. All bills are to be accompanied by Order copies and Challan Receipt. The Order Number is to be noted on both the Challan and the Bill.

10. Documents to be submitted with the tender:

Tender Documents/Terms & Conditions in Original duly signed by the Proprietor / Partner/ Director of the Company as a token of acceptance of Terms & Conditions of Tender.

11. Customs Duty & Excise Duty

- The University will not issue any C or D form availing of concessional Sales Tax/ VAT.
- The Institute will issue Customs Duty Exemption Certificate or Excise Duty Exemption Certificate for foreign purchase, if required.

12. IEST, Shibpur, Howrah reserves the right to accept / reject all or any of the tenders without assigning any reason whatsoever.

We accept the above terms and conditions.

Dated:

Signature of Bidders/Suppliers
With date & Seal

SECTION II: TECHNICAL SPECIFICATIONS

***Double beam Scanning UV-Visible Spectrophotometer for:
Photochemistry, kinetics, multiwave length scanning, biological sample scanning,
quantitative measurements***

- Wave length range: 190 nm to 1100 nm
- Spectral Band width: 1.8 nm
- Optical system: Double beam, grating 1200 lines/mm
- Wavelength accuracy: ± 0.3 nm
- Wave length repeatability: ≤ 3 nm
- Photometric accuracy: ± 0.003 A (0 to 0.5 A), ± 0.004 A (0.5 to 1 A) and $\pm 3\%$ on T (0 to 100)
- Photometric repeatability: ± 0.001 A (0 to 0.5 A), ± 0.002 A (0.5 to 1 A) and $\pm 3\%$ on T (0 to 100)
- Base line flatness: ± 0.0006 A
- Noise: ± 0.0002 Abs
- Detector: Silicon Photodiode
- Photometric Mode: T, A, C, E
- Photometric Range: 0~200% T, - 0.301 ~ 3.0 A
- Light Source: Deuterium Lamp and Tungsten Lamp
- Input: Membrane Keypad
- Output: USB Print and data output, Connect PC
- Standard Accessories: 10 mm glass cuvette (4 units), 10 mm quartz cuvette (2 units), software, solid sample holder
- Power Supply: AC 110V/220V $\pm 10\%$, 60/50 Hz