



# भारतीय प्रौद्योगिकी संस्थान (भारतीय खनि विद्यापीठ), धनबाद

धनबाद, झारखण्ड, भारत, पिन-826004

(मानव संसाधन विकास मंत्रालय, भारत सरकार के अधीन राष्ट्रीय महत्व का एक संस्थान)

INDIAN INSTITUTE OF TECHNOLOGY (INDIAN SCHOOL OF MINES), DHANBAD

DHANBAD, JHARKHAND, INDIA, PIN-826004

(An Institute of National Importance under Ministry of H.R.D., Govt. of India)

STORES & PURCHASE SECTION

Phone:(0326) 2235678 || Email : purchase@iitism.ac.in || Website : www.iitism.ac.in

No. ESE/INS/110/2018-19

Date: 27 August 2018

## NOTICE INVITING TENDER

### Subject: Supply & Installation of UV-Vis Spectrophotometer

Indian Institute of Technology (Indian School of Mines), Dhanbad invites quotations for the following to be supplied and delivered in ESE Department.

S No	Full Description of items/ store	Qty	Delivery
1	<b>Supply &amp; Installation of UV-Vis Spectrophotometer (Double Beam)</b>  (Detailed Specification is given in Annexure – I)	01 No.	At the Earliest /Ex-Stock

### Tender Schedule

Particulars	Date & Time
Tender Cost	<b>Rs. 500 (Five Hundred Only)</b>
Bid Security or Earnest Money Deposit	<b>Rs. 12,000.00 (Twelve Thousand Only)</b>
Last date and time for submission of tenders	<b>05.10.2018 at 1:00 P.M.</b>
Date and time of opening of tenders	<b>05.10.2018 at 4.00 P.M.</b>

1. You are requested to quote your lowest rates for the supply of above items in the attached format for Financial Bid (Annexure – II)
2. You may send your representative in the office of the undersigned at the scheduled date and time of opening of tender.
3. Tender should be submitted in sealed cover only superscribed with Enquiry No. and due date at the following address only:

*The Deputy Registrar (P&S)*  
*Indian Institute of Technology (Indian School of Mines),*  
*Dhanbad – 826 004 Jharkhand*



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## Terms & Conditions

- 1) The rates should be quoted for each item separately.
- 2) Conditional offer will not be accepted.
- 3) IIT (ISM) does not issue any Form 'C' or 'D' towards sales tax concessional rate. Hence, full rate of sales tax/VAT, GST applicable should be quoted.
- 4) **Educational discount**, if any, should be clearly mentioned.
- 5) You are requested to submit your quotation strictly as per the specifications mentioned in the NIT.
- 6) Earnest Money Deposit (EMD) & Tender Fee: Should be submitted in form of A/C payee demand draft drawn in favor of Registrar, IIT(ISM) and payable at SBI, IIT (ISM) campus branch or any other Bank/ Branch located in Dhanbad.
- 7) Your tender must be valid for **minimum 90 days** from the date of opening of tender.
- 8) Please mention warranty/ guarantee in your offer clearly. Material/ equipment to be supplied must have minimum warranty/guarantee of **12 months**.
- 9) Each page in the bid document must be numbered properly and duly signed & sealed by the bidder on every page of the bid.
- 10) **The items/ materials shall be required to be delivered at ESE Department/ Section through Purchase & Store Section, IIT (ISM) Dhanbad** at the risk and cost of the tenderer.
- 11) Unloading and installation shall be the complete responsibility of the supplier.
- 12) The stores are required to be delivered within 30 days. Late delivery may not be accepted.
- 13) The items offered should be of good quality confirming to BIS standards, wherever applicable.
- 14) Successful bidders will have to submit Performance Security (PBG) in the form of Bank Guarantee only as per the Purchase Order before releasing payment.
- 15) **Advance payment is not admissible**. Payment shall normally be made within 4-6 weeks subject to receipt and acceptance & installation (as per Purchase Order Terms) of the ordered materials/items.
- 16) In the event date on which the tender is opened for acceptance is declared to be a holiday, the tenders shall be deemed to remain open for acceptance till the next working day.
- 17) Please send your offer by Regd. Post/ Speed Post/ Courier along with Courier receipt. Tender/ quotation will be received during IIT (ISM) working hours only (i.e. Monday to Friday). *Late or delayed tenders shall be summarily rejected.*
- 18) Any other information that you may like to obtain, you are free to contact IIT (ISM) before submission of tender.
- 19) IIT (ISM) reserves the right to accept and/or to reject any/ all tenders without assigning any reason.

Assistant Registrar



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## ANNEXURE I

### Technical Specification for Supply and UV-Vis Spectrophotometer

Wavelength range	190 to 1100 nm
Spectral bandwidth	1nm (190 to 1100 nm)
Wavelength display	0.1-nm increments
Wavelength setting	0.1-nm increments (1-nm increments when setting scanning range )
Wavelength accuracy	±0.1nm at 656.1nm D2 ±0.3nm (190 to 1100nm)
Wavelength repeatability	±0.1nm
Stray light	less than 0.02% NaI at 220nm, NaNO <sub>2</sub> at 340nm
	less than 1.0% KCl at 198nm
Photometric system	Double Beam
Photometric range	Absorbance: -4 to 4 Abs Transmittance: 0% to 400%
Photometric accuracy	±0.002 Abs (0.5Abs)
	±0.004 Abs (1.0Abs)
	±0.006 Abs (2.0Abs)
Photometric repeatability	less than ±0.001 Abs (0.5Abs)
	less than ±0.001 Abs (1Abs)
	less than ±0.003 Abs (2.0Abs)
Baseline stability	less than 0.0003 Abs/H at 700nm (one hour after light source turned ON)
Baseline flatness	within ±0.0006 Abs (190 to 1100nm,one hour after light source turned ON)
Noise level	Within 0.00005 Abs RMS value (at 700nm)
Dimensions (W×D×H)	450(W) x 490(D) x 270(H)
Weight	15 kg (approx)
Printers	DPU, ESC/P, PCL printers, USB I/F Windows-compliant printers are available with USB memory and PC software
Memory	USB memory (option) Saved as text and UVPC file
Performance for PC	USB memory + UV Probe (standard) Win XP
Accessaries	Supply with <b>04 nos. of additional Cuvette</b> (of the required volume) With a desktop computer
Literature	Provide original literature of the manufacturer



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Annexure - II

## Format for Financial Bid

NIT No.: ESE/INS/110/2018-19

Date: 27 August 2018

Bidders Ref. No.:

Date:

GSTIN:

**Subject: Supply & Installation of UV-Vis Spectrophotometer**

Sl. No.	Full Description of Items (With HSN Code/SAC Code)	Qty.	Rate	Amount
			Packing & Forwarding (if any)	
			<b>Total</b>	
			GST (if any)	
			Freight (if any)	
			Installation (if any)	
Amount should be in figure as well as word			<b>Grand Total</b>	

**Note:**

- 1) Price basis must be FOR IIT(ISM) Dhanbad only.
- 2) All the details must be provided as per prescribed format only.
- 3) Prices quoted by the bidders should include all local taxes, VAT, service tax, GST, HSN Code, SAC Code, livies, transportation cost and insurance costs etc. if any
- 4) All the rates must be quoted in Indian Rupees.