



राष्ट्रीय प्रौद्योगिकी संस्थान, मिजोरम
NATIONAL INSTITUTE OF TECHNOLOGY, MIZORAM
(An Institute of National Importance under Ministry of HRD, Govt. of India)
CHALTLANG, AIZAWL, MIZORAM – 796012

Phone/Fax: 0389-2391699 / 0389-2391236 / 0389-2391774

Email: nit_mizoram@nitmz.ac.in

Ref. No. NIT-MZ/RP/DST/2/2014/6438

Dated: 13th OCT 2015

Notice Inviting Tender for Supply and Installation of UV Visible Spectrophotometer for DST-SERB Project

Last date for receiving Tender documents: 16th November 2015 before 2:00 PM
Date/Time for Opening of Tech. Bids: 17th November 2015 at 2:00 PM



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NOTICE INVITING TENDER (NIT)

National Institute of Technology Mizoram is one of the ten new NITs established by Ministry of Human Recourse Development, Government of India, New Delhi in the year 2010 at Aizawl, Mizoram to impart education, training and research in Science, Technology and Management leading to award of B. Tech., M. Tech., MBA and Ph. D degrees. This institute is fully financed and governed by Ministry of Human Recourse Development, Government of India.

Sealed Tenders are invited from eligible Manufacturers/Developers or their Authorized Dealers for supply & Installation of UV visible spectrophotometer (One No.) in **Two Bids** to reach the undersigned on or before 16th November 2015 before 2:00 PM. Date/Time for Opening of Tech. Bids: 17th November 2015, 2:00 PM. After evaluation of Technical Bids, Financial Bids of the successful bidders will be opened on a later date. Venue of bid opening: **NIT Mizoram, Aizawl.**

Sl. No.	Items	Qty	EMD (Rs.) in the form of DD only. (Refundable)	Tender Document Fee (Rs.) in the form of DD only. (Non-Refundable)
01.	Supply & Installation of UV visible spectrophotometer (Specification given in Annexure-II)	One	16,000.00	200.00

Note: Demand Draft must be in favor of “**Director, NIT Mizoram**” Payable at **Aizawl.**

General Instructions for the Bidders:

01. Quotations will have to be submitted in TWO Bids i.e. **Technical Bid and Financial Bid. These two bids should be enclosed in a separate envelope specifically mentioning “Technical Bid” or “Financial Bid” on the cover of the envelope.** Further these two sealed bids must be kept inside one big sealed envelope before submitting it. The address of the firm submitting the quotation and the Officer to whom the quotation is addressed must appear distinctly on sealed covers. Further, the following is to be written on top of the envelope containing technical and financial bids: “**Tender for Supply and Installation UV-Visible Spectrophotometer for DST-SERB Project**”.

02. **Submission of Compliance Certificate:** Duly filled and signed Compliance Certificates (as per formats at **Annexure I (A & B)**) are must with the Technical bid.

03. **Bid not transferable:** The bid documents are not transferable and the seal and signature of the authorized official of the firm must appear on all the papers and envelopes submitted.

QUALIFICATION REQUIREMENTS

01. The Bidder should be an Original Equipment Manufacturer (OEM) or a firm of reputation having sufficient expertise and experience in the subject tender with sound warranty/service support capability and authorization from Manufacturer/Distributor.

TERMS & CONDITIONS:

01. **Rates:** Rates quoted in the **Financial Bid** should be **on DOOR DELIVERY NIT Mizoram basis**, as per details below:

Sl. No.	Particulars	Rate
I	Basic Price (per unit) including Packing, Forwarding, Freight, Insurance, Installation & demonstration charges inclusive	
II	Taxes, if any	
III	Grand Total for the item on door delivery at NIT Mizoram	

Bidders shall indicate their rates in clear/visible figures as well as in words and shall not alter/overwrite/make cutting in the quotation. In case of a mismatch, the rates written in words will prevail.

02. **Validity of Quotation:** Quoted rates must be valid for **90 days** from the date of quotation.
03. **Warranty:** The quoted equipment and components must be warranted for a minimum of one Year from date of satisfactory installation.
04. **Literature a must:** Tender must be supported by the printed technical leaflet/literature and the specifications mentioned in the quotation must be reflected/supported by such printed technical leaflet/literature. The model and specifications quoted should **invariably be highlighted** in the leaflet/literature for easy reference.
05. **After Sales Service:** Vendors should clearly state the available nearest after sales service facilities, without which their offers will be rejected.
06. **Dealership Certificate:** Dealers or Agents quoting on behalf of Manufacturer must enclose valid dealership certificate/Authorization letter from Manufacturer/Distributor.
07. **Earnest Money Deposit:**
Refundable earnest money deposit (EMD) of Rs. 16,000.00 through a demand draft drawn in favor of "The Director, National Institute of Technology Mizoram", payable at Aizawl, will have to be enclosed in technical Bid. The EMD of unsuccessful bidders shall be returned after award of contract. EMD of the successful bidder will be released after satisfactory installation of the instrument. Offers received without Earnest Money or valid Certificate shall be summarily rejected.
08. **Delivery:**
- a) **Time Limit:** Maximum within 12 Weeks from the date of issue of the purchase order.
 - b) **Safe Delivery:** All aspects of safe delivery shall be the exclusive responsibility of the vendor. At the destination site, the package will be opened only in the presence of NIT user/representative and vendor's representative. The intact condition of the package and the seal/indicators for not being tampered with shall form the basis for certifying the receipt in good condition.
 - c) **Insurance:** The supplier is to establish 'All Risk Transit Insurance' coverage till door delivery at NIT Mizoram.
 - d) **Part Delivery:** Acceptance of part delivery shall be a prerogative of the institute.
 - e) **Penalty for delay in delivery:** The date of delivery should be strictly adhered to otherwise the Director, NIT Mizoram reserves the right not to accept delivery in part or full.
09. **Genuine Pricing:** Vendor is to ensure that quoted price for the particular item is not more than the price quoted to any other customer in India, particularly to IITs/NITs and other Government Organization.
10. **Conditional tenders not acceptable:** All the terms and conditions mentioned herein must be strictly adhered to by all the vendors. Conditional tenders shall not be accepted on any ground and shall be rejected straightway. Conditions mentioned in the tender bids submitted by vendors will not be binding on NIT Mizoram.

11. **Road Permit:** NIT, Mizoram will provide Road Permit/Way bill upon request.
12. **VAT deduction at source:** In case of supply within Mizoram, VAT deduction at source, as per Order/notification of the Govt. of Mizoram will be applicable.
13. **Late and delayed tender:** Late and delayed tender will not be considered. In case any unscheduled holiday occurs on the prescribed closing/opening date the next working day shall be the prescribed date of closing/opening.
14. **Payment:** 100% payment within 30 (Thirty) days after receipt of the material in full, satisfactory installation, training and acceptance.
15. **Payment for Imported Goods (If the price is not quoted in INR):** By an irrevocable letter of Credit at CIF/CIP Kolkata value negotiable through any overseas branch of State Bank of India/any Schedule Bank of India. **Note:** Please note LoC will not be opened unless and until Letter of Acknowledgement in original is received at NIT, Aizawl, Mizoram, directly from the principal (Even in case of firms having subsidiary office in India).

16. ADDITIONAL TERM FOR IMPORTED GOODS

Following term besides the aforementioned terms will be applicable in case of foreign purchases:

Rates: Prices quoted must be for destination including Packing, Forwarding, Freight, Insurance, and Installation & Demonstration charges inclusive of free delivery up to the door of department/centre NIT, Mizoram premises, as per details below:

Sl. No.	Particulars	Rate
I	Basic Price (per unit) including Packing, Forwarding, Freight, Insurance, Installation & Demonstration charges inclusive	
II	Custom Duty (Approximate)	
III	Grand Total for the item on door delivery at NIT Mizoram	

17. **Enquiry during the course of evaluation not allowed:** No enquiry from the bidder(s) shall be entertained during the course of evaluation of the tender till final decision is conveyed to the successful bidder(s). However, the Purchase Committee or its authorized representative may make enquiries/seek clarification from the bidders. In such a case, the bidder must extend full co-operation. The bidders may also be asked to arrange demonstration of the offered items, in a short period of notice.

18. The acceptance of the quotation will rest solely with the Director, NIT Mizoram, who in the interest of the Institute is not bound to accept the lowest quotation and reserves the right to himself to reject or partially accept any or all the quotations received without assigning any reasons.

19. Force Majeure:

If the performance of the obligation of either party is rendered commercially impossible by any of the events hereafter mentioned that party shall be under no obligation to perform the agreement under order after giving notice of 15 days from the date of such an event in writing to the other party, and the events referred to are as follows:

- i. Any law, statute or ordinance, order action or regulations of the Government of India,
- ii. Any kind of natural disaster, and
- iii. Strikes, acts of the Public enemy, war, insurrections, riots, lockouts, sabotage.

20. Applicable Law:

(a) The contract shall be governed by the laws and procedures established by Govt. of India and subject to exclusive jurisdiction of Competent Court and Forum in Aizawl only.

(b) Any dispute arising out of this purchase shall be referred to the Director NIT Mizoram, and if either of the parties hereto is dissatisfied with the decision, the dispute shall be referred to the decision of an Arbitrator to be appointed by the Director of the Institute. The decision of such Arbitrator shall be final and binding on both the parties.

21. **Training:** The vendor will provide free demonstration at NIT Mizoram after Successful installation equipment.

Sd/-
(LALTHIANGHLIMI ZOTE)
Dy. Registrar (F&A), NIT Mizoram

Encl.: **ANNEXURE-I & ANNEXURE-II**

Annexure -I

**A. COMPLIANCE CERTIFICATE FOR NIT TERMS
(To be enclosed in the Technical bid)**

Sl. No.	NIT Terms and Conditions	Yes/No
01	Rate quoted as per instruction	
02	AMC rate after warranty provided	
03	Validity of quoted rate for 90 days agreed	
04	EMD submitted (appropriate certificate enclosed)	
05	Payment term agreed	
06	Delivery terms agreed	
07	Warranty period agreed	
08	Literature: Printed Literature provided	
09	Dealership / distributorship certificate (in case of dealers/agents) provided	
10	Sales Service: address of after Sales Service centre in India/ in the region (for imported goods) provided.	
11	Applicable law terms agreed	

Signature with Seal:.....

Vendor: M/s.....

B. COMPLIANCE CERTIFICATE FOR SPECIFICATIONS

Minimum Specifications as per Annexure-II	Quoted Item Specs.*	Complied (Yes/No)
<p>UV-Visible Spectrophotometer Microprocessor based UV-VIS Spectrophotometer with high resolution LCD display and dedicated soft keypad, for operation on 220V / 50Hz.</p> <ul style="list-style-type: none"> ▪ Stand-alone operation or complete control through PC with PC software supplied as standard ▪ True double beam optics with aberration corrected concave blazed holographic grating in Czerny – Turner mounting for high energy throughput and high quality monochromatic light ▪ Wide wavelength range of 1,100 nm to 190 nm ▪ High resolution 1 nm spectral bandwidth over entire wavelength range ▪ Wavelength setting and display in steps of 0.1nm ▪ Wavelength accuracy of $\pm 0.1\text{nm}$ for D₂ spectral line ▪ Wavelength reproducibility of $\pm 0.1\text{nm}$ 		

<ul style="list-style-type: none"> ▪ Variable wavelength scanning speed of 3,000 nm/min to 2 nm/min ▪ Ultra low stray light of <0.02%T at 220nm with NaI filter ▪ Wide Photometric range of -4 to +4 Abs and 0 to 400 %T ▪ High Photometric Accuracy of ± 0.002 Abs at 0.5 Abs ▪ High Photometric Repeatability of $<\pm 0.001$ Abs at 0.5 Abs ▪ Very low baseline drift of 0.0003 Abs/hour <p>High baseline flatness of ± 0.0006 Abs over entire wavelength</p> <ul style="list-style-type: none"> ▪ Ultra low Photometric noise of <0.00005 Abs ▪ Dual source – high intensity Tungsten-Halogen and Deuterium lamp with automatic changeover ▪ High sensitivity matched pair Silicon Photodiode detector ▪ 5 USB ports for high speed PC and printer connectivity, data storage and transfer through USB pen drive ▪ All operational modes as standard – Photometric; Spectrum; Quantitation; Kinetics, Time Scan, DNA and Protein Quantitation in standalone and PC mode. Additionally Multi-Component measurement available in stand-alone mode. ▪ Large sample compartment compatible with wide range of accessories. <p><u>Accessories :</u></p> <ol style="list-style-type: none"> 1. Thermoelectrically Temperature-Controlled Cell Holder <p>Uses Peltier effect for controlling the temperatures of the sample and reference sample.</p> <ul style="list-style-type: none"> • Temperature control range: 7 °C to 60 °C • Temperature display accuracy: ± 0.5 °C • Temperature control precision: ± 0.1 °C 		
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Signature with Seal:.....

Vendor: M/s.....

*** Vendor must quote the parameter specification of the quoted product in this column and not just copy the specification from the tender call document. Failure to do so will lead to rejection of the tender.**

Annexure –II

Technical Specifications of UV-Visible Spectrophotometer

Sl. No.	MINIMUM TECHNICAL SPECIFICATION	QTY
01	<p style="text-align: center;">UV visible spectrophotometer</p> <p>Microprocessor based UV-VIS Spectrophotometer with high resolution LCD display and dedicated soft keypad, for operation on 220V / 50Hz.</p> <ul style="list-style-type: none"> ▪ Stand-alone operation or complete control through PC with PC software supplied as standard ▪ True double beam optics with aberration corrected concave blazed holographic grating in Czerny – Turner mounting for high energy throughput and high quality monochromatic light ▪ Wide wavelength range of 1,100 nm to 190 nm ▪ High resolution 1 nm spectral bandwidth over entire wavelength range ▪ Wavelength setting and display in steps of 0.1nm ▪ Wavelength accuracy of $\pm 0.1\text{nm}$ for D₂ spectral line ▪ Wavelength reproducibility of $\pm 0.1\text{nm}$ ▪ Variable wavelength scanning speed of 3,000 nm/min to 2 nm/min ▪ Ultra low stray light of <0.02%T at 220nm with NaI filter ▪ Wide Photometric range of -4 to +4 Abs and 0 to 400 %T ▪ High Photometric Accuracy of ± 0.002 Abs at 0.5 Abs ▪ High Photometric Repeatability of $<\pm 0.001$ Abs at 0.5 Abs ▪ Very low baseline drift of 0.0003 Abs/hour High baseline flatness of ± 0.0006 Abs over entire wavelength ▪ Ultra low Photometric noise of <0.00005 Abs ▪ Dual source – high intensity Tungsten-Halogen and Deuterium lamp with automatic changeover ▪ High sensitivity matched pair Silicon Photodiode detector ▪ 5 USB ports for high speed PC and printer connectivity, data storage and transfer through USB pen drive ▪ All operational modes as standard – Photometric; Spectrum; Quantitation; Kinetics, Time Scan, DNA and Protein Quantitation in standalone and PC mode. Additionally Multi-Component measurement available in stand-alone mode. ▪ Large sample compartment compatible with wide range of accessories. <p><u>Accessories :</u></p> <ol style="list-style-type: none"> 2. Thermoelectrically Temperature- Controlled Cell Holder <ul style="list-style-type: none"> Uses Peltier effect for controlling the temperatures of the sample and reference sample. • Temperature control range: 7 °C to 60 °C • Temperature display accuracy: ± 0.5 °C • Temperature control precision: ± 0.1 °C 	01(One)