



University of Calcutta
87/1, College Street, Kolkata-700 073

Tender Ref. No.: GEOL/DST/WOS-A/2025-26

Dated: 03.07.2026

The University of Calcutta invites Item Rate e-tenders for the following items from experienced & bonafide firms/ organizations having credential of similar nature of work in any Government/ Semi-Govt./State Aided University/Autonomous Govt. aided Institution.

Name of work: Supply, installation, and commissioning of a Transmitted Light Polarizing Microscope for the DST/WISE-PDF/EA-35/2024 (C) Project under Prof. Bapi Goswami, Department of Geology, University of Calcutta.

Name of the Item	Bid Validity Days	Time of completion of work	Earnest Money (EMD) Rs.	Name of the Concerned Department
Supply, installation, and commissioning of a Transmitted Light Polarizing Microscope for the DST/WISE-PDF/EA-35/2024 (C) Project under Prof. Bapi Goswami, Department of Geology, University of Calcutta.	180 days	60 days	5000/- (To be deposited Online)	Department of Geology, Ballygunge Science College Campus, University of Calcutta.

- **Time Extension:** Time is the essence of the contract, generally no time extension will be allowed. But, in the case of Force Majeure, the extension of time may be considered on the basis of the actual situation and subject to consideration of the Tender Inviting Authority.
- **Penalty Charges:** Penalty charges will be imposed @ 0.1 % per week on the tendered amount subject to a Maximum @ 10% of the tendered amount, if the work will not be completed within stipulated time period of the tender.

- **No extra payment will be paid beyond the tendered amount.**
- The Tender Inviting Authority reserves the right to accept or reject any tender without assuring any reasons.

Important Dates:

Sl. No.	Items	Publishing Date (s)
1	Date of uploading of N.I.T. & Tender documents (online) from this end	03.07.2026, 06:30 P.M
2	Documents downloading, Starting date (online)	03.07.2026, 06:30 P.M
3	Bid submission, starting date (online)	03.07.2026, 06:30 P.M
4	Bid submission, closing date (online)	11.07.2026, 01:00 P.M
5	Bid opening date for Technical Proposal (online)	13.07.2026, 01:00 P.M
6	Date of uploading of the list of Technically qualified Bidder (online)	To be communicated later
7	Date and Place for opening of Financial Proposal (online)	To be communicated later
8	Date of uploading of the list of bidders along with the approved rate	To be communicated later

Bid Opening Place: - University of Calcutta at 87/1 College Street, Darbhanga Building, Ground Floor Kolkata-700073.

Annexure - A **Technical Specifications**

The offered instrument must strictly conform to the following Transmitted Light Polarizing Microscope configuration.

Specification

Optical System: UIS Infinity Corrected Optical System

Eyepiece: WF 10x – 20mm (standard)

Reticule Eyepiece: WF 10x – 20mm with Reticule 0.1mm (must be included)

Objective Type: POL engraved, Non-stress Infinity Plan Objectives

Objectives (Set): 4x, 10x, 20x, and 40x (strain-free)

Viewing Head: Trinocular Head (simultaneous observation & photomicrography)

Head Inclination: 30° inclined, 360° rotatable

Interpupillary Distance: 48 – 75 mm

Light Distribution: 20:80 / 100:0 (sliding prism for camera port)

Nosepiece: Quadruple, center-adjustable

Analyzer Unit: 0 – 90° rotatable, removable from optical path

Bertrand Lens: Built-in, removable from optical path (for conoscopic observation)

Lambda Slip: First Class Red (1λ)

Quarter Lambda Slip: Included ($\frac{1}{4}\lambda$)

Quartz Wedge: Class I – IV (Optional – quote separately)

Stage: 360° rotating round stage, $\varnothing$ 142 mm

Stage Division: 1° graduation with 6' vernier

Mechanical Stage: Polarizing attached mechanical stage (Optional – quote separately)

Condenser: Abbe N.A. 1.25, non-stress

Polarizing Unit: Located under the condenser

Illumination: 5W LED (cold light source)

Filters: Blue (built-in); Amber/Green/Neutral (optional – quote separately)

Digital Camera: Dedicated high-resolution CMOS camera (5 MP or higher) with C-mount adapter for the trinocular port.

Software: User-friendly imaging software for Windows 10/11, capable of live view, image capture, measurement, annotation, and basic stitching.

Interface: USB 3.0 or higher connectivity with a compatible data cable.

2. TERMS AND CONDITIONS

1. Eligibility criteria for participation in the tender:

- The intending bidder must attach the photo-copies of all the relevant documents such as valid Trade License , P. Tax, GST & Pan and credential for satisfactory completion of **similar nature of job amounting to 75% of the quoted value** in a single tender in the **last three (03) financial years** in Government, or Government Undertaking or any State Aided University. **Only completion certificate of the work will be considered as Credential of works.** Original documents (**up to date as on date**) may be asked for verification of technical checking on the date of tender opening. Failing to produce original documents, the tender will be rejected.

- The bidder must be an authorized dealer/distributor of the original equipment manufacturer (OEM).
- The bidder must have supplied similar petrological microscopes to academic/research institutions in the last 3 years. Proof of supply must be attached.

2. **Compliance:** The offered model must be ****100% compliant**** with the technical specifications listed above. Any deviation must be clearly indicated in a separate deviation sheet; otherwise, the bid will be considered non-compliant.

3. Warranty:

- The complete system (microscope + camera) must carry a comprehensive minimum warranty of 3 years against manufacturing defects.

4. Testing & Acceptance:

- Installation and on-site demonstration must be performed using standard rock thin sections to verify optical resolution, strain-free objectives, and conoscopic interference figures.
- Final payment will be released only after the submission of a satisfactory Installation & Acceptance Report signed by the Head of Department.

5. Price & Validity:

- The bid price must remain valid for 180 days from the date of tender opening.

6. **Documentation:** The bid must include: technical brochures, a detailed compliance statement, GST Registration Certificate, latest ITR, and OEM authorization letter.

7. **Training:** The supplier must provide comprehensive hands-on training to at least 2 faculty members and 5 research scholars at the time of installation, covering both transmitted-light petrology and camera/software operation.

3. EXECUTION TIME (Delivery & Timeline)

Delivery Period: The equipment must be delivered within 60 days from the date of issuance of the Purchase Order (PO).

Installation & Commissioning: Installation, calibration, optical alignment, and software setup must be completed within 5 working days from the date of delivery.

INSTRUCTIONS TO BIDDERS

Instructions / Guidelines for electronic submission of tenders have been annexed for assisting the contractors to participate in e- tendering.

- I. **Registration of Bidder:** - Any bidder willing to take part in the process of e –tender will have to be enrolled & registered with the Government e – Procurement system through logging on to **<https://wbtenders.gov.in>**. The bidder is to click on the link for e – Tendering site as given on the web portal.
- II. **Digital Signature Certificate (DSC):** - Each bidder is required to obtain a class - II or class – III Digital Signature Certificate (DSC) for submission of tenders from the approved service provider.
- III. **Collection of Tender documents:** - The bidder can search & download NIT & Tender documents electronically from computer once he logs on to the website mentioned Clause 1 using the Digital Signature Certificate. This is the only mode of collection of Tender documents.

IV. Cost of Earnest Money (EMD)

Earnest Money (EMD) Quoted INR	Transaction No. & Date	Bank Name
5000 /- (To be deposited Online)		

Earnest Money (EMD):- Intending bidders are requested to deposit Rs. **5000 /-** (to be deposited online by each bidder) only to be deposited by the bidder concerned electronically: online – through his net banking enabled bank account, maintained at any bank or: offline – through any bank generating NEFT/RTGS Challan from the e–tendering portal. Intending bidder will get the beneficiary details from e–tender portal with the help of Digital Signature Certificate and may transfer the EMD from their respective Bank as per the Beneficiary Name & Account No., Amount, Beneficiary Bank name (ICICI Bank) & IFSC Code and e–Proc Ref No. Intending bidder who wants to transfer EMD through NEFT/RTGS must read the instruction of the Challan generated from E–Procurement site.

Bidders are also advised to submit EMD of their bid, at least 3 working days before the closing date for bid submission as it requires considerable time for processing of Payment for EMD.

For getting exemption of EMD: - Bidders are requested to upload the relevant NSIC / MSME Registered Certificate against each item work for getting exemption of EMD, failing which their Tender will be rejected. For that they need to select the EMD page as Yes and provide the exemption type as fixed and put the actual EMD amount in Rupees and upload the exemption document.

N.B.: During evaluation, the bidders may be invited and clarification/ information or additional documents or original hard copy of any of the documents already submitted may be sought from them & if these are not produced within the stipulated time frame, their bid will be liable to rejection.

I. Submission of Tenders: -

- a. **General process of submission:** - Tenders are to be submitted through online to the website <https://wbtenders.gov.in> in two folders at a time for each work, one is Technical bid and other is Financial Bid before the prescribed date and time using the Digital Signature Certificates.
- b. **Technical Bid:** - Technical Bid contain scanned copies of the followings further in two cover (folder).
- c. **Online bid submission process (Bidder/Contractor) in**
<https://wbtenders.gov.in> portal, download the pdf file.

II. Statutory Cover Containing

- i) NIT and Corrigendum if any (Download the NIT and upload the same by digitally sign).

VII. NON-STATUTORY/MY DOCUMENTS containing the following documents:

Sl.No.	Category	Sub Category	Sub-Category Description
A.	Certificates	Certificates	1. PAN Card
			2. Professional Tax Registration Certificate
			3. GST Registration Certificate
			4. Valid Trade License
			5. ISO Certificate
			6. <i>NSIC / MSME Registered Certificate for getting Exemption of EMD.</i>
			7 For non-registered organizations under NSIC/MSME, EMD documents are to be enclosed.
			8. Certificate of sole Authorized agent for supplying foreign instrument.
B.	Credential	Credential for satisfactory completion of similar nature of job amounting to 75% of the quoted value in a single tender in the last three (03) financial years in Government, or Government Undertaking or any State Aided University. Only completion certificate of the work will be considered as Credential of works.	

Note: Failure of submission of any of the above-mentioned documents will render the tender liable to be summarily rejected for both statutory & non-statutory cover.

VIII. Financial Bid: - BOQ in INR (in excel sheet)

- i) The financial bid should contain the following documents in one cover (folder) i.e. Bill of Quantities (BOQ). The contractor is to quote the rate through online in the space marked for quoting rate in the BOQ.
- ii) Only downloaded copies of the above documents are to be uploaded, virus scanned & digitally signed by the contractor.
- iii) The lowest bidder should be the sole authorized agent of the foreign instrument as per specification mentioned in BOQ and purchase order will be issued either to the Indian sole authorized agent (Lowest bidder) or in favour of the manufacturer (For foreign organization only) duly certified by the lowest bidder (sole authorized agent) and as per terms & condition of the lowest bidder.

IX. Opening & Evaluation of Tender: -

Opening of Technical Bid:

- i) Technical bid will be opened by the University of Calcutta Officials. Intending bidders may remain present if they so desire. Statutory Cover (folder) would be opened first & if found in order and correct Non Statutory Cover (folder) will be opened. If there is any deficiency in the Statutory & Non statutory documents the tender will summarily be rejected.
- ii) Decrypted (transformed in to readable formats) documents of the non-statutory cover will be downloaded & handed over to the evaluation committee.
- iii) List of technically qualified bidders would be uploaded.

NB: While evaluation, the committee may invite the bidders & seek clarification/ information or additional documents or original hard copy of any of the documents already submitted & if they are not produced within the stipulated time frame, their bid will liable for rejection.

X. Opening and evaluation of Financial Bid:

Financial bid of bidders declared technically eligible by the Committee will be opened electronically from the web portal on the prescribed date and time.

XI. Penalty for suppression / distortion of facts:

Submission of false document by bidder is strictly prohibited and will be liable for rejection of the tender.

GENERAL TERMS AND CONDITIONS OF THE CONTRACT

1. Refund of Earnest Money Deposit (EMD): Earnest Money Deposit (EMD) furnished by all unsuccessful bidders should be returned to them without any interest whatsoever, at the earliest after the expiry of the final bid validity period but not later than forty five days after the award of the contract. Earnest Money Deposit (EMD) of the successful tenderer should be returned, without any interest whatsoever, after receipt of performance security Deposit from him as stipulated in the contract.

2. Forfeiture of Earnest Money Deposit (EMD): Earnest Money Deposit (EMD) of a tenderer shall be forfeited, if the tenderer withdraws or amends its tender or impairs or derogates from the tender in any respect within the period of validity of his tender. Further, if the successful tenderer fails to furnish the required performance security within the specified period, his Earnest Money Deposit (EMD) shall be forfeited.

3. Security Deposit : The University authority will retain a sum amounting to 10% of the bill of the contract for a period of six months from the date of completion of work as **Security Deposit**. This will be released after a period of six months from the date of completion of the work on application.

4. Refund of Performance Security: Performance Security will be refunded to the contractor without any interest, whatsoever, after he/she duly performs and completes the contract in all respects but not later than sixty days of completion of all such obligations under the contract.

5. Forfeiture of Performance Security deposit : Performance security will be forfeited and credited to University of Calcutta in the event of a breach of contract by the tenderers, in terms of the relevant contract.

6. Verification of the Bank Guarantees: Bank Guarantees submitted by the tenderers as Earnest Money Deposit (EMD)/Performance Security need to be immediately verified from the issuing bank before its acceptance, through written communication.

7. Materials brought to the site for the execution of the work must not be removed from the site without the prior permission of the Office of the Undersigned, University of Calcutta.

8. The University is not bound to accept the lowest bid and reserves the right to reject any or all bids without assigning any reason.

9. The bidder must obtain the necessary instructions regarding the execution of work from the office of the undersigned, University of Calcutta.

10. After the work order is issued to the successful tenderer, if they fail to commence or are unable to complete the work, their EMD and Performance Security amount will be forfeited and no claim will be entertained.

11. Termination Clause:

- i. **Failure to supply and commission** the items as per the work order within the stipulated time will result in the **cancellation of the contract** and forfeiture of the EMD, except under the application of the Force Majeure clause.
- ii. If any deviation in quality or specification from the stipulated **Bill of Quantities (B.O.Q.)** is observed, the work order will be cancelled and the EMD will be forfeited.

12. Force majeure Clause: If the work(s) be delayed for the following reasons:-

Due to war, internal emergency and other conditions such as abnormally bad weather, flood, cyclone natural calamity or serious loss or damage by fire or civil commotion, the contractor shall immediately give notice thereof in writing to the Central Tender Committee but shall nevertheless use constantly his/her best endeavors to prevent or make good the delay and shall do all that may be reasonably required to the satisfaction of the Central Tender Committee to proceed with the works.

13. Rejection of Bid:

The Tender Committee reserves the right to accept or reject any Bid, to cancel the Bidding process, and reject all Bids at any time prior to the award of Contract, without thereby incurring any liability to the affected Bidder or Bidders or any obligation to inform the affected Bidder or Bidders of the grounds for the Tender Committee's action.

14. Special conditions related to Payment Terms:

- 1) The rate should be inclusive of all Govt. taxes and cost of loading, un-loading, freight, insurance, commissioning and training to the University of Calcutta.
- 2) Only one currency will be given.
- 3) The lowest bidder should be the sole authorized agent of the foreign instrument as per specification mentioned in BOQ and purchase order will be issued either to the Indian sole authorized agent (Lowest bidder) or in favour of the manufacturer (For foreign organization only) duly certified by the lowest bidder (sole authorized agent) and as per terms & condition of the lowest bidder.
- 4) The payment terms would be 100% Letter of Credit on submission of shipping documents.
- 5) The quote should be submitted up to CIP Kolkata basis. For clearing, charges will be added to the main system cost in any single currency only.
- 6) The lowest bidder should quote the rate of clearing charge in any single currency only.
- 7) 100% Payment will be made after delivery, successful installation and commissioning of the equipment.
- 8) Bidder should mention the terms & conditions of payment in the Technical Bid (NON-STATUTORY/MY DOCUMENTS).

15. Mode of payment: -

Upon successful completion of the work specified in the original or any subsequent work order, triplicate bills (RA/Final bill)—duly checked and verified by the concerned department along with a completion certificate—must be submitted to the office of the undersigned.



Prof. Bapi Goswami

Head

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University of Calcutta