

THE UNIVERSITY OF BURDWAN

Registrar



Contact details (office):
P.O. Rajbati, Burdwan, PIN-713104
Ph.: 0342-2634015
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Tender Ref. No. ZOO/SERB/SS/Equip/24-25/01

Date: 18.03.25

Tender Inviting Authority: Registrar, The University of Burdwan (BU), Rajbati, Purba Bardhaman-713104, West Bengal (hereinafter referred as Tender Inviting Authority unless the context otherwise requires)

Tender Accepting Authority: Project (SRG/2023/0685) Purchase Committee, Department of Zoology, The University of Burdwan (hereinafter referred as PPC, unless the context otherwise requires).

Tender Inviting Authority invites tender through online bid submission at website <https://wbenders.gov.in> for procurement of **Microscope and microtome** for DST-SERB, GOI, sponsored Research Grant at Department of Zoology, BU, **PI: Dr. Shubhajit Saha** from the Original Equipment Manufacturer (OEM) or their representatives in India. The tentative quantity and the required items of each are mentioned at **Annexure-III separately**. The tender must be submitted through **online only**, and must be addressed to: **Dr. Shubhajit Saha, PI, DST-SERB Project, Department of Zoology, The University of Burdwan, Burdwan 713 104, INDIA. A Copy of the technical details only** (Brochures/leaflet/compliance card etc.) must be submitted through email at **ssaha@zoo.buruniv.ac.in**.

Tender Ref. No. ZOO/SERB/SS/Equip/24-25/01, Dt. 18.03.2025			
Critical Dates			
<i>Published Date</i>	<i>18.03.25</i>	<i>Document Download end date</i>	<i>26.03.25</i>
<i>Document Download start Date</i>	<i>18.03.25</i>	<i>Bid Submission end Date</i>	<i>26.03.25</i>
<i>Bid Submission Start</i>	<i>19.03.25</i>	<i>Technical Bid opening Date</i>	<i>28.03.25</i>

Tender Document contains.

<i>Instruction to bidders</i>	<i>Annexure I</i>
<i>Terms and Conditions</i>	<i>Annexure II</i>
<i>List of Items with Specification</i>	<i>Annexure III</i>
<i>Check list for Technical Bid</i>	<i>Annexure IV</i>

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Annexure-I

Instruction to bidders

1. For e-filing, intending bidder may download the e-tender documents from the website **<https://wbtenders.gov.in>** directly with the help of Digital Signature Certificate.
2. **Eligibility criteria:**
 - a. The tenderer shall be an original item Manufacturer or qualified Indian Agents.
 - b. **The OEM must have experience of manufacturing for at least last 10 years or more which should be given as undertaking from the OEM in writing and is to be submitted along with the tender documents.**
 - c. Tender should not be submitted by the firm/company for the Product(s) for which the firm/ Company has been blacklisted/ banned/ debarred by CMSS/ State Governments/ Central Government/ its Drug procurement agencies or if the Firm/Company is debarred as a whole by these agencies.
3. **General conditions:**
 - a. A complete set of Tender documents may be downloaded by any interested eligible tenderer from website: **<https://wbtenders.gov.in>** as per the schedule given in Critical Date Sheet. No cost for the Tender document shall be charged for the Tender documents downloaded by the Tenderers.
 - b. Tenders will be opened online therefore, the presence of tenderers/authorized representatives of the tenderers is not necessary.
 - c. Any person who has downloaded the Tender document should watch for amendments, if any, on the website: www.buruniv.ac.in; for which BU will not issue any separate communication to them.
 - d. **The categories of items and quantity indicated in the tender document are tentative. BU, however, reserves the right to increase or decrease the quantity or delete some or all the items depending on the needs of the PI and availability of funds without assigning any reasons.**
 - e. The bidder should clearly indicate the delivery period and validity period of the tender. It may be mentioned that the validity period of the price should be at least six months (180 days).
 - f. Both Technical Bid and Financial Bid are to be submitted concurrently duly digitally signed on the website <https://wbtenders.gov.in> within the closing date of online submission.

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4. Techno commercial bid

- a. The Tenderer should electronically submit the soft copies of following documents in Techno Commercial Bid. (All the documents submitted should bear signature and stamp of the Tenderer).”
 - b. Tenderer shall be a manufacturer or its qualified Indian Agent. In case the bidder is a manufacturer- Self Declaration of Manufacturer should be given.
 - c. **All the prices must be quoted in INR only.**
 - d. The bidder should indicate specifically the basic price, taxes and other charges against each item.
 - e. **GOODS & SERVICES TAX (GST):** The Tenderer may quote GST as per applicability in accordance with relevant Government notification.
5. The **bid packet** should contain scanned copies of the following documents: -
- a. **Proof of PAN no.**
 - b. Proof of **GST/Sales Tax Registration Certificate.**
 - c. Copies of the Income Tax Acknowledgement Receipt of **last three-** Assessment year from date of advertisement.
 - d. P.T. Deposit Challan for latest year,
 - e. ESI Certificate,
 - f. up to date clearance of Service Tax Registration (last receipt of Challan),
 - g. **Trade License and last three-year audited Balance Sheet.**
 - h. Terms & Conditions and Delivery period to be submitted on firm’s letterhead.
 - i. Particulars of the bidder in plain paper in the following format mentioning the following:
 1. Name and address of the Company including Telephone no.,
 2. Contact person - Name, mobile number, email address.
 3. Banker's name and address in details
 4. Any other relevant documents / information
 - j. **A Copy of the technical details should be attached (Brochure’s/leaflet/ etc.)**
 - k. **Documents from Govt. organization is support of Credential.**
 - l. Dully filled Compliance card -**Annexure III**
 - m. Dully filled **Check list- Annexure IV**

6. ACCEPTANCE OF TENDER

- a. Technically responsive Tenders will be evaluated based only on the “landed price”.
- b. The purchaser reserves the right to accept or reject any bid, and to annul the bidding process and reject all bids, at any time prior to award of contract without assigning

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- any reason whatsoever and without thereby incurring any liability to the affected bidder or bidders on the grounds of purchaser's action.
- c. The acceptance of the Tenders will be communicated to the lowest / matched tenderers in writing.
 - d. **The acceptance of quotation will rest with the Principal Investigator of the project who does not bind himself to accept the lowest quotation and reserves the right to reject, or partially accept any or all the quotations received without assigning any reason.**

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Annexure-II

Terms & Conditions

Subject: Tender Inviting Authority invites tender through online bid submission at <https://wbtenders.gov.in> website: for procurement of Microscope with desktop computer and microtome for DST-SERB, GOI, Sponsored Research Grant at Department of Zoology, BU, PI: Dr. Shubhajit Saha.

1. Please send in a **compliance statement** according to the specifications mentioned above with your instrument, without which the quote will not be accepted.
2. The **FINANCIAL OFFER** of the prospective tenderer will be considered only if the TECHNICAL BID of the tenderer is found qualified by the 'Project Purchase Technical Committee' formed by The University of Burdwan. The decision of the 'Project Purchase Technical Committee' will be final and absolute in this respect.
3. Terms & Conditions like, Insurance, Mode of payment, Validity period, Warranty and Delivery period must be mentioned and to be submitted on firm's letter head mentioning the following:
 - (a) Name and address of the Company including Telephone no., FAX no.
 - (b) Contact person - Name, mobile number, email address.
 - (c) Banker's name and address in details
7. Detailed Technical specifications: Full Specifications, Make, Model, Brochure/Leaflets/Technical Information of the item(s) should be given while quoting the rates in the bid.
8. In the case of authorized dealers, OEM authorization mentioning the NIT not to be submitted by the dealer.
9. **The accessories quoted by every bidder should be OEM make and not locally sourced; if found so during supply then order will be cancelled.**
10. **Experience and credential documents including copies of Orders (Minimum five installation) towards supply in Govt /Govt undertaking organizations/ agencies are to be submitted along with the technical bid.**
11. Any other relevant document
12. **The Financial proposal should contain the Bill of quantities (BOQ) in one folder.** The bidder has to download the BOQ and quote the rate online in the space marked for quoting rate in the BOQ and upload the document virus scanned & Digitally Signed by the bidder.
13. The Project Purchase/technical Committee reserves the right Purchases accept or reject any bid and to cancel the Bidding processes 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

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obligation to inform the affected Bidder or Bidders of the ground for Purchase Committee's action.

14. The final price of the instrument /equipment must include the other charges like packaging, forwarding, transportation charges etc.
15. **The purchase order will be placed with the INR only.**
16. The material should be dispatched duly insured against theft, loss or breakage during transit and the rates chargeable for insurance may invariably be quoted separately. The insurance shall be for an amount equal to 110% of the CIF value or CIP value of the contract from within “warehouse to warehouse (final destination)” on all risk bases including strikes, riots, and civil commotion.
17. The University of Burdwan is registered with the Department of Scientific and Industrial Research (DSIR) for the purposes availing Customs duty exemption in terms of Government Notification and Central Excise Duty Exemption in terms of Government Notification.
18. **Payment will be made on a bill basis after the receipt of the item in good condition, its satisfactory installation and commissioning at our site by e-payment.**
19. The warranty shall remain valid for a minimum of **twenty-four (24) months (Project duration)**.
20. Rate should be given both in words and figures clearly in the quotation. If there is any discrepancy between the words and figures, the amount in words shall prevail, unless the amount expressed in words is related to an arithmetic error, in which case the amount in figures shall prevail subject to above.
21. The shipment must be in the name of **“The PI Dr. Shubhajit Saha, The University of Burdwan, Golapbag, Burdwan, 713104, West Bengal, India”**.
22. The last date and time for receiving complete bids shall be strictly adhered to and no offer received after the due date shall be considered. Delayed/Late Tenders will not be considered at all. The University of Burdwan will not be responsible for any loss in transit.

Sd/-

PI

(Dr. Shubhajit Saha)

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ANNEXURE-III

DETAILED TECHNICAL SPECIFICATIONS FOR DIFFERENT INSTRUMENTS

Item 1: Microscope

Sl. No	System/Component s/Operations	Description	Complied (Yes/No)
1.	Make & Model	To be specified	
	General Specification	<ul style="list-style-type: none">• 1) Rugged Microscope made from single moulded metal on its all parts like stand, binocular tube etc.• 2) Complete with transmitted white LED lamp attachment, (5600K, above 25000hrs.) into the stand built in power supply Integrated into the stand via a park position. Direct connectivity to camera• 3) Intensity level display by means of a 5-element display on both sides of the stand via live blue LEDs. Protects lamp life by ensuring that all instruments are turned off when not in use, also used as intensity with spare lamp & with “pre-centered” lamp mount for easy lamp changing. It should have ECO mode facility to save energy of lamp life.• 4) ABBE Condenser with aspherical lens and iris diaphragm, N.A. 0.9/1.25 for use with objectives 4x to 100x. Also, simple switching for phase contrast & dark field application• 5) 30° inclined ergonomic Binocular Photo tube (Trinocular tube), sidentopf design, suitable for 10x eyepiece (with pointer) upto field of view 20mm.• 6) Inter Pupillary Distance range 48-75mm and eyepiece tubes can be swivelled either way for comfortable viewing angle of the operator (unique feature).• 7) Set of Colour filters containing blue, green and yellow as contrast enhancement.• 8) 4/5 revolving nosepiece to accommodate Infinity corrected high contrast Planachromatic objectives for 4x, 10x, 40x and 100x/1.25 oil & 40x and 100x front optics are spring loaded,• 9) Microscope Upgradeable to Epi-Fluorescence with LED Illumination & Polarisation contrast.• 10) Complete with 5-10 MP high resolution color microscopy camera with direct image capture facility &	

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		<p>camera should have image enhancement facility along with software for image analysis.</p> <ul style="list-style-type: none"> •11) Imaging Software- especially for adding different channel fluorescence images merging option & Interactive measurement: length, contours, angles, - Geometric scaling, Measurement bar, - Management, visualization and printing of metadata and images, - Image formats: BMP, GIF, JPG, JPG2000, TIFF, ZVI, - TWAIN input for other devices, - Image File Browser (supplied with a fixed template), - Vertical / horizontal display subdivision, - Image processing and optimization (contrast, brightness, gamma, colors), - Navigator window, - Batch conversion and export of image types, Colour adjustment, White balance settings, •12) Suitable Desktop Computer i3 processor, RAM 8GB 512 SSD, LED monitor for imaging purpose Three years AMC should be included from date of installation. All details should be mentioned in valid printed catalog available in the website. •Accessories: Desktop computer: <p>Minimum recommended computer specifications:</p> <ul style="list-style-type: none"> • Processor: Intel i5 or equivalent AMD • Memory: 8 GB RAM minimum • Storage: 500 GB solid state (SSD) minimum • Web camera and mic • Network: 10/100/1000 BASE-T Ethernet • Wireless: 802.11 g/n dual band (2.4/5.0 GHz) • Operating System: Windows 11 Professional / MacOS 	
	Other	<p>Company should provide at least 10 satisfaction certificates from the users of the quoted model from Govt. research institutes or Universities in India.</p> <p>A Copy of the technical details should be attached (Brochures/leaflet/compliance cart etc.)</p>	

Item No. 2: Microtome

Sl. No	System/Components/Operations	Description	Complied (Yes/No)
1.	Make & Model	To be specified	
2.	General Specification	<p><u>Features:</u></p> <p><input type="checkbox"/> Surface grinding on base, horizontal, vertical and inclined slide for smooth and accurate motion.</p>	

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		<p><input type="checkbox"/> Ratchet wheel, CAM and CAM weight are made of GUN METAL.</p> <p><input type="checkbox"/> Axel and Catcher made from special steel made on imported machine.</p> <p><input type="checkbox"/> Allimportant motion is running on ball bearing guide ways.</p> <p><input type="checkbox"/> Automatic feed release with Automatic Safety Device: Total feed excursion is 28mm. When the limit of the feed is reached, one safety device should be attached which automatically disengages the feed mechanism to eliminate jamming and possible damage to the feed screw.</p> <p><input type="checkbox"/> <u>Critical Accuracy:</u> with every complete revolution of the counter balanced drive wheel, the feed pawl engages precisely into the teeth of the ratchet wheel which moves forward and advances the object holder through a cone and inclined plane mechanism is such precise increments this specimen should be sectioned down to even 1 micron in thickness. Mechanical Trimming up to 300 micrometer.</p> <p><input type="checkbox"/> <u>Front-positioned fed indicator with latest CAM drive system:</u></p> <ul style="list-style-type: none"> • The feed indicator, graduated in microns should conveniently located at front of the instruments • and feed setting from 1 to 50 microns in steps of 1 micron each should be controlled by a • knurled knob at the back of the microtome. The study knife holder in addition to knife elevating • and leveling adjustments should be lateral movements for complete use of knife edge. The angle • adjustable up to 30° is indicated on a reference scale. Must be fixed disposable blade 	
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		<ul style="list-style-type: none"> • attachment to use with disposable blade. <p><input type="checkbox"/> Technical Data:</p> <ul style="list-style-type: none"> • Feed adjustment: 1-50 microns 9in step of 1 micron each) • Opening of object Clamp (Ball Flange type): 37x27mm • Total feed excursion: 28mm • Vertical Stroke: up to 60mm • Overall size: 16"x10"x9" and approx. weight 27kg in cardboard box or 60 kg in wooden case. <p><input type="checkbox"/> The system should be supply including:</p> <ul style="list-style-type: none"> • Three Object holder dia 22,25,28mm • 2 Packets of Disposable Blades (pkts of 50 pcs). • Instruction Manual: one 	
3.	Other	<p>Service should be directly from the manufacturer's engineer should be based at Kolkata India, provide contact details. Call should be attended within 24 hours.</p> <p>Company should provide at least 10 satisfaction certificates from the users of the quoted model from Govt. research institutes or Universities in India.</p> <p>A Copy of the technical details should be attached (Brochures/leaflet/compliance cart etc.)</p>	

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Annexure-IV

Check List for Technical Bids

Particular	Yes/No	Document attached Yes/NO
1. Proof of PAN no.		
2. Proof of GST/Sales Tax Registration Certificate.		
3. Income Tax Acknowledgement Receipt of last three- Assessment year		
4. P.T. Deposit Challan for latest year		
5. Up to date clearance of Service Tax Registration (last receipt of Challan)		
6. Documents from Govt. organization is support of Credential.		
7. Trade License		
8. Last three-year Balance Sheet.		
9. Terms & Conditions and Delivery period to be submitted on firm's letter head		
10. Particulars of the bidder in plain paper		
11. A Copy of the technical details (Brochures/leaflet/ etc.)		
12. Dully filled Compliance cart -Annexure III		
13. Dully filled Check list- Annexure IV		