



NORTH-EASTERN HILL UNIVERSITY

Department of Zoology, Umshing- Mawkynroh, Shillong-793022

Tel: +91-364-272 2322; +91 9436100836 (M)

Email: nsaha@nehu.ac.in

No. SERB/005588/Project/NS/2022/12

Date. **05.05.2022**

TENDER / QUOTATION NOTICE

Quotations are invited from the reputed manufactures/authorized dealers/vendors for supply and installation of the following item listed below through e-tender mode, the details of which are mentioned below.

INVITATION FOR BIDS

1. North-Eastern Hill University invites e-tender/Quotations from eligible Firms for supply of a **Chemiluminescent** required for the Department of Zoology, NEHU Permanent Campus, Shillong 793022.
2. The Tender document can be obtained and uploaded in the University's official e-tender portal <https://nehu.euniwizarde.com>
3. The e-tender standard procedures will be adopted for uploading, opening and shortlisting of tenders.

The offers, in the prescribed format, shall be submitted online at <https://nehu.euniwizarde.com> as per the tender document. No tender will be accepted in hard copy, fax, e-mail or any other such means. The intending bidders must be registered with e-tender website <https://nehu.euniwizarde.com>. The tender document is also available on North-Eastern Hill University website: <https://www.nehu.ac.in> for reference only but not for submission. However, for the purpose of submission, the website <https://nehu.euniwizarde.com> should be referred to. NIT can also be seen on CPP Portal <https://eprocure.gove.in/epublish/app>

INSTRUCTIONS FOR ONLINE BID SUBMISSION

The bidders are required to submit soft copies of their bids electronically on the e-tender Portal, using valid Digital Signature Certificates. The instructions given below are meant to assist the bidders in registering on the e-tender Portal, prepare their bids in accordance with the requirements and submitting their bids online on the e-tender Portal.

More information useful for submitting online bids on the e-tender Portal may be obtained at: <https://nehu.euniwizarde.com>

REGISTRATION

1. Bidders are required to enrol on the e-Procurement Portal (URL: <https://nehu.euniwizarde.com>) with clicking on the link "Online bidder Registration" on the e-tender Portal by paying the Registration fee of Rs. 2360/- one time through online banking.
2. As part of the enrolment process, the bidders will be required to choose a unique user name and assign a password for their accounts.
3. Bidders are advised to register their valid email address and mobile numbers as part of the registration process. These would be used for any communication with the bidder.



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4. Upon enrolment, the bidders will be required to register their valid Digital Signature Certificate (Only Class III Certificates with signing + encryption key usage) issued by any Certifying Authority recognized by CCA India (e.g.Sify / TCS / nCode / eMudhra etc.), with their profile.
5. Only one valid DSC should be registered by a bidder. Please note that the bidders are responsible to ensure that they do not lend their DSC's to others which may lead to misuse.
6. Bidder then logs in to the site through the secured log-in by entering their user ID/password and the password of the DSC / e-Token.
7. The scanned copies of all original documents should be uploaded on portal.

SEARCHING FOR TENDER DOCUMENTS

There are various search options built in the e-tender Portal, to facilitate bidders to search active tenders by several parameters. These parameters could include Tender ID, Item/work id, Title, Date, etc.

Once the bidders have selected the tenders they are interested in, they can pay the processing fee Rs. 500.00 + GST (18%) (NOT REFUNDABLE) by net-banking / Debit / Credit card and thereafter they may download the required documents / tender schedules, Bid documents etc. Once both registration fee (one-time fee in a year) and processing fee is paid, tenderers will be moved to the respective "requested" Tab. This would enable the e-tender Portal to intimate the bidders through e-mail in case there is any corrigendum issued to the tender document.

THE DETAILS OF THE QUOTATION ARE AS UNDER

Sl. No.	Item	Specifications
1	Chemiluminescent	<ul style="list-style-type: none">• Imager: A cooled CCD imager for imaging of chemiluminescent Western Blots, Fluorescent proteins and DNA gel stains and white light imaging of colorimetric stains and markers.• Sensitivity: System should enable detection of picogram levels of sample with chemiluminescence. Limit of detection (LOD) should be 5 picogram or less for chemiluminescence detection.• System control and Image output: System should have inbuilt touchscreen-based control and image output. It should have on board capture for ease of use and automation, without the need of external computer. System should take simultaneous imaging of chemiluminescent samples and colored molecular weight markers and perform automatic image overlay functions. The Image output formats from the system should be in Grayscale 16-bit (.tiff) & Color image (.jpg).• Camera: Scientific grade cooled CCD based camera with fixed focused lens of 30 mm or better. Pixel Depth: True 16 bit (65536)

grey levels) with dynamic range of 4.8 or better.

- Cooling: Peltier based cooling of CCD up to – 25 °C for noise free images. Cooling time should be less than 5 minutes.
- Resolution: System should have at least 8.3 Mega pixel (MP) CCD chip for high resolution and quantitative imaging of gels and blots
- Camera device: Should have bright lens with and should not require focusing and calibrations for quantitative blot- and gel- imaging
- Data transfer: High speed interface USB 2.0 and Ethernet for fast data transfer.
- Exposure time: Exposure time from 1/10 to 1 hr in incremental mode or better.
- Dark room: Compact network dark room should include UV, White and blue epi-illuminator sources. Suitable be supplied with filters for SYBR Green, SYBR Green II, SYBR Gold, Deep purple, EtBr.
- Operating Wavelengths: System should operate at the following wavelengths: -
 - UV Epi-Light – 365 nm
 - Blue Epi-Light – 460 nm
 - White Epi-Light – 470 to 635 nm or better.
- Sample Size: System should be able to accommodate at least a sample size of 105 x 105 mm or better.
- Should provide one Laptop for data analysis with Core i5 11th Generation, 8 GB RAM, and 512 GB SSD hard disk.



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2	Tender Notice No. & Date	SERB/005588/Project/NS/2022/12, Date: 05.05.2022
3	Last date & time of submission of bid	25.05.2022, 3:00 PM
4	Date & time of opening of bids	26.05.2022, 11:00 AM

5	Address for communication	Prof. N. Saha, Department of Zoology, North-Eastern Hill University, Umshing- Mawkynroh, Shillong-793022 Email: nsaha@nehu.ac.in

Tenders / Quotations shall be opened on the next day at 11.00 a.m. in presence of the departmental purchase committee members. If due date of opening is declared holiday, tenders / quotations will be opened on next working day at the same time and place. Items/ nomenclatures of the instrument is placed in enclosure and can be obtained online / offline from the office of the Head, Department of Zoology, NEHU, Shillong.

Terms and Conditions:

1. The quoted price should be inclusive of all taxes, installation charges and other charges till delivery to the Department.
2. The supplier should install the system properly after the delivery.
3. The quoted price should be valid at least for 31st August, 2022.
- 4. Should provide 3 years warranty including the replacement of all spares, if required.**
5. No Advance payment will be made.
6. Departmental Purchase Committee reserves the right to modify/cancel the requirements.
7. The University reserves the right to accept or reject quotations without assigning any reason.
8. All terms and conditions will be as per NEHU rules, regulations and decisions.
9. If the items are not supplied within 90 days from the issue of supply order, the supply order will be treated as cancelled.



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