



বিশ্ব বাংলা বিশ্ববিদ্যালয় BISWA BANGLA BISWABIDYALAY

Address: Bolpur, Birbhum-731204

Email: fo@bbb.ac.in

Phone: 9382861052

Website: www.bbb.ac.in

Ref: BBB/Finance/NIQ-DST-INSPIRE Faculty Equipment/26-27/16

Date: 03-09-2026

NOTICE INVITING QUOTATION (NIQ)

Name of Work: Supply of a Digital Lux Meter (Visible Light), UV-A/UV-B Irradiance Meter, and UV-C Irradiance Meter.

Sealed quotations are hereby invited from eligible and experienced agencies/firms for the supply of a Digital Lux Meter (Visible Light), UV-A/UV-B Irradiance Meter, and UV-C Irradiance Meter at Biswa Bangla Biswabidyalay.

Scope of Work and Minimum Technical Specifications:

Sl No	Product Name	Qty	Parameter	Specifications	Amount (Rs.) including all taxes
1	Digital Lux Meter (Visible Light)	1 Pc	Instrument type	Portable digital illuminance meter with a separate or detachable visible-light sensor suitable for positioning at the sample plane.	
			Detector / spectral response	Silicon photodiode or equivalent detector with colour-correction filter. Spectral response shall approximate the CIE photopic luminosity function V(lambda).	
			Angular response	Cosine-corrected sensor for measurement of incident illuminance from extended or non-normal light sources.	
			Measurement range	Shall cover at least 0.1 lux to 100,000 lux. A higher upper range, including 200,000 lux, is acceptable.	
			Resolution	0.1 lux or better on the lowest measurement range.	
			Accuracy	± 5% of reading or better for a calibrated visible source. The OEM shall state the calibration source and spectral/cosine errors.	
			Sampling/display	Digital display with a measurement update rate of at least 2 readings per second and clear indication of range and units.	
			Functions	Auto-ranging or manual range selection, data hold, maximum/minimum recording and zero adjustment or automatic zero correction.	
			Calibration	OEM calibration certificate traceable to national/international standards. Calibration from an ISO/IEC 17025-accredited laboratory is acceptable.	
			Accessories	Sensor cable where applicable, protective sensor cap, battery/charger, carrying case and operating manual.	





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2	UV-A/UV-B Irradiance Meter	1 Pc	Instrument type	Portable digital UV radiometer with a dedicated UV-A/UV-B sensor and remote probe or equivalent sensor-positioning arrangement.	
			Spectral coverage	Response shall include UV-B and UV-A: lower spectral limit 290 nm or lower and upper spectral limit 390 nm or higher. Nominal 280-400 nm or wider is acceptable.	
			Calibration wavelength/data	OEM shall state the spectral response curve, peak response and calibration wavelength(s). Calibration shall be appropriate for the offered UV-A/UV-B sensor.	
			Irradiance range	Measurement range shall cover at least 1 $\mu\text{W}/\text{cm}^2$ to 20 mW/cm^2 . Wider or auto-ranging coverage is acceptable.	
			Resolution	1 $\mu\text{W}/\text{cm}^2$ (0.001 mW/cm^2) or better on the lowest relevant range.	
			Accuracy	$\pm 5\%$ of reading or better at the stated calibration wavelength(s). The basis of accuracy shall be clearly stated.	
			Angular response	Cosine-corrected or diffuser-equipped sensor suitable for irradiance measurement at the sample plane.	
			Units/functions	Direct display in $\mu\text{W}/\text{cm}^2$ and/or mW/cm^2 ; zero function, data hold and maximum/minimum recording. W/m^2 display or conversion is acceptable as an additional unit.	
			Calibration	OEM calibration certificate traceable to national/international standards. Calibration from an ISO/IEC 17025-accredited laboratory is acceptable.	
			Accessories	Dedicated sensor/probe, probe cable where applicable, protective cap, battery/charger, carrying case and operating manual.	

Configuration permitted for Item 2

Option A	One UV-A+B broadband irradiance meter covering the complete specified band.
Option B	One common readout supplied with separate UV-A and UV-B probes, each calibrated, with the combined probe coverage meeting the specified band.





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3	UV-C Irradiance Meter	1 Pc	Instrument type	Portable digital UV-C radiometer with a dedicated spectrally filtered UV-C sensor and remote probe or equivalent sensor-positioning arrangement.	
			Spectral coverage	Sensor response shall include 254 nm and cover the germicidal UV-C region, nominally 230-280 nm or wider. The OEM spectral response curve shall be submitted.	
			Calibration point	Calibration at 254 nm is mandatory. Additional calibration for 222 nm or UV-C LEDs may be offered but shall not replace the 254 nm calibration.	
			Irradiance range	Measurement range shall cover at least 0.1 $\mu\text{W}/\text{cm}^2$ to 20 mW/cm^2 . Wider or auto-ranging coverage is acceptable.	
			Resolution	0.1 $\mu\text{W}/\text{cm}^2$ or better on the lowest measurement range.	
			Accuracy	$\pm 5\%$ of reading or better at/near 254 nm, with the accuracy basis and calibration conditions stated by the OEM.	
			Spectral rejection	Sensor shall suppress response to visible light and UV-A/UV-B sufficiently for measurement of UV-C sources. OEM shall provide spectral selectivity information.	
			Angular response	Cosine-corrected or diffuser-equipped sensor suitable for irradiance measurement at the sample plane.	
			Units/functions	Direct display in $\mu\text{W}/\text{cm}^2$ and/or mW/cm^2 ; zero function, data hold and maximum/minimum recording.	
			Calibration/accessories	Traceable 254 nm calibration certificate, probe/cable, protective cap, battery/charger, carrying case and operating manual.	

Common scope and bidder requirements

Condition	All instruments, readouts, sensors and probes shall be new, unused and supplied as a complete working system.
Configuration flexibility	Three separate meters, or one/more common readouts with dedicated, independently calibrated visible, UV-A/UV-B and UV-C sensors, are acceptable if every clause is met.
Installation	Functional demonstration and basic user training at Biswa Bangla Biswabidyalay.
Warranty	Minimum one-year comprehensive warranty from successful supply/installation. Longer warranty may be quoted.
Technical offer	State exact make/model and provide clause-by-clause compliance with OEM datasheet page references; clearly list deviations.
Price	Quoted price shall include all required sensors, probes, cables, accessories, calibration certificates, packing, delivery, demonstration, warranty and applicable taxes/charges.





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Quoted Rate:

The quoted rate shall be inclusive of all materials, labour, transportation, loading/unloading, taxes, duties, and all incidental charges, complete in all respects.

Schedule:

- **Last date and time for submission of quotation:** 14/9/2026, 5:30 PM
- **Date and time of opening of quotations:** 15/9/2026, 11:00 AM, by the Purchase Committee, and the vendor or their authorised representative is welcome to attend.
- **Place of submission and opening:** Office of the Vice-Chancellor, Biswa Bangla Biswabidyalay, Shibpur, Bolpur, Birbhum – 731204.

Eligibility of Bidders:

Bidders should meet the following minimum eligibility criteria:

- Valid trade licence for dealing in related materials.
- Valid GST Registration and PAN.
- Proof of similar supply to any Government Department/PSU/University/Recognized Institution during the last three years.
- Self-attested copies of supporting documents must be enclosed with the quotation.

Submission of Quotation:

- Quotation must be submitted in a sealed envelope superscribed: "BBB/Finance/NIQ-DST-INSPIRE Faculty Equipment/26-27/16 Date: 03-09-2026."
- The quotation shall be typed or written in indelible ink, with all corrections duly signed by the authorised signatory.
- The quoted price should include all applicable taxes, transportation, installation, demonstration, and commissioning charges.

The following documents must be enclosed:

- Detailed Price Bid.
- Copy of GST Registration Certificate.
- Copy of PAN Card.
- Copy of Trade Licence.
- Name, address, contact number, and email ID of the bidder.

Delivery:

- Material shall be delivered at **Biswa Bangla Biswabidyalay Main Campus.**
- Delivery period: **Within 15 days** from the date of issue of the Work Order.
- Transportation, loading, unloading and installation shall be arranged by the supplier at their own cost.

Payment Terms:

- 100% payment shall be made after successful delivery, installation, commissioning, acceptance of materials, and submission of pre-receipted bill in duplicate.
- Statutory deductions such as TDS, etc. shall be made as applicable.

Validity of Quotation:

- The quotation shall remain valid for **30 days** from the date of opening of quotations.





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Other Terms and Conditions:

- The undersigned reserves the right to accept or reject any or all quotations, in part or in full, without assigning any reason.
- Incomplete quotations or quotations received after the due date and time shall be rejected.
- In case of any dispute, the decision of the competent authority of **Biswa Bangla Biswabidyalay** shall be final and binding.



Sd/-

Finance Officer (Acting)
Biswa Bangla Biswabidyalay
Shibpur, Bolpur, Birbhum