



# NAGALAND UNIVERSITY

(A Central University Estd. By the Act of Parliament No.35 of 1989)

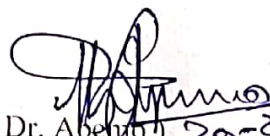
Headquarters : Lumami - 798627

NO.NUL/RDC/PF-88/2019 - 2686

Dated : 30<sup>th</sup> July, 2019

## NOTICE INVITING TENDER

Nagaland University invites sealed tenders for supply of Scientific Equipment at the Department of Physics, Nagaland University, Lumami under SERB (DST). Interested parties may download the tender documents from the University website: [nagalanduniversity.ac.in](http://nagalanduniversity.ac.in) and submit their quotations along with tender fees of Rs. 1,000/- (non-refundable) in the form of DD in favour of Registrar, Nagaland University, Lumami in sealed envelop superscript on the cover "Tender for supply of Scientific Equipment at the Department of Physics, Nagaland University, Lumami under SERB (DST)" and addressed to the undersigned on or before 22<sup>nd</sup> August, 2019 up to 4:00, P.M.. No tenders will be accepted beyond this date and time.

  
( Dr. Abemo ) 30-07-19  
Registrar

NO.NUL/RDC/PF-88/2019 -

Dated : 30<sup>th</sup> July, 2019

Copy to:-

1. The P.A to Registrar for information of the Registrar.
2. The Deputy Registrar (Fin). Nagaland University, Lumami.
3. The System Administrator, NU, Lumami, with a request to upload the NIT in the University website.
4. The Editor, Nagaland Post, Dimapur, with a request for publication in the next daily issue ( size 5cm x 8cm ). Bills in triplicate should be submitted for payment. It's a one time publication.
5. The Editor, Arihant Advertising Agency, S.R.C.B. Road, Fancy Bazar, Guwahati - 781001 with a request to publish in the Times of India, North East Edition (size 5 cm x 8 cm). Bills in triplicate should be submitted for payment. Its an one time publication.
6. Office copy.

)  
( Dr. Abemo )  
Registrar



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₹ 1,000/- (Non refundable)

TENDER DOCUMENT FOR SUPPLY OF SCIENTIFIC EQUIPMENT TO THE DEPARTMENT OF PHYSICS, NAGALAND UNIVERSITY, LUMAMI UNDER SERB (DST.

Name of the Firm : \_\_\_\_\_

Address : \_\_\_\_\_

Phone No : \_\_\_\_\_

Email ID : \_\_\_\_\_

Sign & Seal



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Name of the Equipment: Time-correlated single-photon counting (TCSPC) based Fluorescence lifetime measurement system (Quantity: 1 (one) number)

## Technical specifications:

Sl. No.	Specifications	Requirement
1.	Minimum lifetime	> 100 picosecond
2.	Detection technique	Time-correlated single-photon counting (TCSPC) system
3.	Data acquisition time	1-2 millisecond
4.	Time range	10 nanosecond to 10 second
5.	Wavelength selection	Monochromator (230 – 850 nm)
6.	Detector	230 to 850 nm cooled PMT
7.	Source controller	For both diode and LED lasers
8.	Repetition rate	Upto 20 MHz
9.	Excitation sources	Laser sources (265 nm, 290 nm, 330 nm); Pulse width < 100 ps; Repetition rate: Variable upto 20 MHz
10.	Full software package	Free including Multi-exponential fitting of fluorescence decay with standard algorithm(s). Multi-exponential fluorescence anisotropy fits.
11.	Low temperature measurement	Upgradable with cryostat
12.	Front face solid sample holder	included
13.	Emission Monochromator	Continuous motorized (230 – 850 nm)
14.	Slits	Motorized adjustable slits (1 nm to 30 nm or better) should be available in the emission side.
15.	Monochromator	Computer controlled stepper motor-driven diffraction grating position is necessary for automated time-resolved emission spectral (TRES) measurements and choosing the emission wavelength as required for decay measurements.
16.	Filter holder	included
17.	Time resolved excitation and emission spectra	included

  
30-07-19



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**Headquarters : Lumami - 798627**

## **TERMS AND CONDITIONS**

1. Dealership certificate / Authorization certificate from the Manufacturer should be enclosed.
2. Tax should be clearly indicated.
3. The Rates are **FOR** Nagaland University, Lumami.
4. EMD of 2% of the total quoted price in the form of DD should be deposited in favour of the Registrar, Nagaland University, Lumami.
5. The University reserves the right to accept or reject the tenders without assigning any reasons thereof and no representation will be accepted.

## **TERM OF PAYMENT**

100% Payment after the receipt, inspection, acceptance of materials and successful installation of all the materials.

## **WARRANTY**

The items should be warranted against defects for a minimum of 1 (one) year from the date of installation. Defective items should be replaced at the cost of supplier.

***NOTE: Offers not agreeing with the above terms are liable for rejection.***