



## National Institute of Immunology New Delhi 110067 INDIA

### Notification for proprietary purchase

30<sup>th</sup> June 2025

NII is planning the procurement of the following item through proprietary mode.

Name of the item:	Microscope Camera
Make:	Nikon
Model:	Nikon Color CMOS camera & Image analysis software and accessory for Nikon inverted fluorescence microscope model Ts2FL Digital Color CMOS Camera Model Digital sight DS-Fi3

Any other potential competitor firm or vendors meeting the below-mentioned specifications may contact [equipment@nii.ac.in](mailto:equipment@nii.ac.in) by email or send the quotation in two bid system (technical and price bids separately) latest **by 15th June 2025**.

### Specifications and Features required for the Camera or equivalent platform:

#### Specifications for Camera

Microscope Camera

Number of pixels : 2880x2048 pixel 5.9 megapixels

Image sensor size : 1/1.8 inch (6.912x4.915mm)

Exposure time: 100μsec to 30 sec

Exposure control: One-push auto exposure, continuous auto exposure, manual exposure

Interface: USB3.0, Micro-B Receptacle

High sensitivity, low noise: DS-Fi3 can capture clear fluorescence images with high sensitivities and low noise.

Image sensor: CMOS image sensor

**QE (Quantum Efficiency) >65%, excellent performance in brightfield, phase contrast, dark field, polarizing, DIC and fluorescence application**

Quantization : 12 bit, Color depth : 24bit(RGB)

AC Adapter 1

USB3.0 Cable R (for inverted microscope 1

POWER CORD TYPE BI (220/240V) 1