

**INDIAN INSTITUTE OF TECHNOLOGY BOMBAY****MATERIALS MANAGEMENT DIVISION****Powai, Mumbai 400076.**

Ref. PR No. 1000049627

RFQ. No. 3600002955

Item Description: **Hyperspectral Camera, CMOS sensor and Accessories****QTY- 1 Each**

Sr. No	Item Description	Detailed Technical Specification	Technical Compliance (Yes / No)	Additional Information (if any)
1.	Hyperspectral camera	a. That has a unique Fourier Transform technology for high sensitivity in low-light conditions including of CMOS sensor, field of view of 8 degrees. Acquisition and analysis software. b. CMOS sensor: 1280×1024 pixels c. Spectral range: 400 – 1000 nm d. >2.50 cm Clear Aperture Exceptional Light Throughput		
2.	Optomechanical Adapter	To connect VNIR (Visible and Near-Infrared) to a microscope with C-mount type port. The microscope adapter can be screwed directly onto the threaded aperture of VNIR and to the microscope C-mount port		
3.	Additional Lens	To perform macro imaging with VNIR. The MACRO lens can be screwed directly onto the threaded aperture of VNIR.		
4	Software Development Kit (SDK)	a) Software Development Kit for camera and perpetual license for measurement and data analysis with a Laptop. The supplier should support with no cost if any Software upgrade is required in the computer and the system. Laptop configuration <ul style="list-style-type: none">•DELL or HP•FHD, 1 TB SSD, DDR 5•RAM 16 GB, Graphics card (Compatible with configuration)•Intel i7, 13th Generation Processor e.PCI Express 16x slot, DVD Burner, Windows 11.•Display Size: 15/16 inches, FHD•Compatible connectors to connect to the system for data extraction.		

		Note: a) All the power cable and connectors are as per the Indian Norms and should be compatible/adjustable to Indian Sockets. b) Delivery- 6-8 weeks upon Purchase order release. c) 1-year warranty after successful installation of the system. d) Payment – 30 days upon installation		
5	Warranty	Warranty of the system- 1 year		