

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

Ref. PR No. 1000049627

RFx. No. 3600002954

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. The supplier should support with no cost if any Software upgrade is required in the computer and the system. <b>Note:</b> a) Compatible connectors to connect to the system for data extraction if required. b) All the power cable and connectors are as per the Indian Norms and should be compatible/adjustable to Indian Sockets. c) Delivery- 6-8 weeks upon Purchase order release. d) 1-year warranty after successful installation of the system. e) Payment – 30 days upon installation		
5	Warranty	Warranty of the system- 1 year		