



INDIAN INSTITUTE OF TECHNOLOGY BOMBAY

MATERIALS MANAGEMENT DIVISION

Powai, Mumbai 400076.

Ref. No. (PR.1000037612)

Rx No. 6100001740

Specifications for High-Speed Camera

Sr. No.	Technical Specification	Compliance (Yes/No)	Additional Information if Any
1.	Resolution: 1024 x 1024 pixels at 6400 frames/sec		
2.	Maximum frame rate: 800,000 frames/sec		
3.	Light sensitivity: ISO 64,00 monochrome		
4.	Global electronic shutter: 1 microsecond		
5.	Recording memory: 16 GB		
6.	1/10 GigaBit Ethernet Interface		
7.	1024 x 1024 pixel CMOS sensor with 12 bit output and Variable Region of Interest		
8.	Automatic mechanical shutter for image calibration and interchangeable 'C' and Nikon lens fitting (compatible with both 'F' and 'G' type lenses) Or substantially equivalent.		
9.	Photron FASTCAM Viewer v4 system control software and support for MATLAB and LabVIEW Or substantially equivalent.		
10.	Warranty 12 months		

Following additional data should be provided. The data provided will be used for technical evaluation

- * Bidder should provide technical specifications sheet prepared with actual numbers.
- * Bidder should provide detailed remarks with actual numbers.
- * Bidder should provide product catalogue of the manufacturer.