

Indian Institute of Technology Kanpur

Department of Electrical Engineering

Enquiry No: IITK/EE/GR/2017/1

Enquiry Date: 09/02/2017

Closing Date: 19/02/2017

Sealed quotations are invited for an imaging camera. The specifications for the camera are given below.

S.No	Feature	Specification
1	Sensor Type	Scientific CMOS (sCMOS)
2	Output	Monochrome
3	Resolution	2048 × 2048 pixels
4	Peak Quantum Efficiency	> 70%
5	Pixel Size	6.5 microns × 6.5 microns
6	A/D converter	16 bit
7	Frame rate	≥ 30 frames/s at full resolution
8	Dynamic Range	> 32000:1
9	Dark Current	< 0.8 electrons/pixel/s
10	Spectral Range	visible spectrum
11	Fullwell capacity	30000 electrons
12	Noise	< 1.6 electrons (rms)
13	Cooling temperature	10 °C
14	Data Interface	USB 3.0/Camera Link

Terms and Conditions

1. A single quote should be made with financial and technical specifications. The sealed envelopes with the quote should be superscribed with the inquiry number.
2. Manufacturer's specification sheet/brochure must be enclosed as a proof of technical specifications.
3. Quotations should not be an exact copy of the specifications mentioned above.
4. Quotes should have a minimum validity of 60 days.
5. Maximum educational discounts should be applied. This equipment will be used in a laboratory that will support research as well as teach and train students.
6. The delivery period and warranty should be specifically stated.
7. The bidder must be authorized by the manufacturer or OEM to supply, install and maintain the system. Specific authorization by the manufacturer for participating in this tender has to be enclosed with the bid.
8. The indenter/institute reserves the right to cancel the tender without any reasons. The right to reject all or any of the quotations and to split up the requirements or relax any or all of the above conditions without assigning any reason is reserved.
9. The price should include delivery, taxes and other charges. All prices are to be for IIT Kanpur.
10. Quotes should be made for the CIF Delhi delivery mode.

Address quotations to

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