

Request for quotation

Enquiry number: AE/MIS/2018/HIGH SPEED CAMERA

Enquiry date: 05/03/2018

Closing Date: ~~21/03/2018~~ 02/04/2018 *Date Extended

Subject: *Purchase of High Speed Camera camera with control and acquisition software and associated equipment*

Quotation for the items mentioned above is requested in a sealed envelope. The quotation should reach on or before April 02, 2018 to the address given below.

Technical specifications:

Camera: The camera should come with software for camera control, image acquisition and also with in-built internal memory.

- Imaging Above 1050 fps
- Resolution 1.2 mega pixel or above
- Memory minimum 16GB
- Record time minimum 8 seconds
- Lens mount CS mount, C mount with included adapter
- Back focus Field adjustable
- IR Filter 650nm, user removable, 18 x 18 x 1.1mm
- Display 5" 800x480 capacitive touchscreen
- Cooling Active cooling, variable-speed fan
- Dimensions 155mm x 96mm x 67.3mm or compact
- Weight less than 1.2kg
- Speed 1.4Gpx/s - Full throughput down to 336 pixel image width
- Pixel pitch 6.6um
- Sensitivity (ISO) Color - ISO 320 to 5 120 Mono - ISO 740 to 11 840
- Shutter Electronic global shutter, 1/fps to 2us (1/500 000 s)
- Runtime 1.5 hours recording
- Power Input 17-20V 40W 5.5/2.5mm barrel jack, positive tip
- Trigger Two Trigger inputs/frame strobe outputs (BNC and Aux)
Adjustable input threshold 0 to 7V, electrically isolated trigger input

Camera cables & accessories: Camera should be supplied with proper cables for acquisition and trigger and lens mount adaptor.

Terms and conditions:

- Quotations should have a validity of minimum of 60 days
- The equipment should be provided with a warranty of at least three years after installation
- The delivery period should be specifically stated.
- Permissible educational discount should be provided since the equipment will be used for research work of students.
- For suppliers from outside India, the rate offered should be FOB (specify city) or FCA terms.
- IIT Kanpur has its own freight forwarder for shipping from outside India.

Address for the quotation:

Dr. Mohammed Ibrahim. S
Department of Aerospace Engineering
Indian Institute of Technology
Kanpur-208016, India
E-mail: ibrahim@iitk.ac.in
Phone: +91-512-2596345