

**Department of Optoelectronics, University of Kerala, Kariavattom,
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Quotation Notice

OPTO/P-03/2017-18

Quotations are invited for the purchase of the following item in the Department of Optoelectronics, University of Kerala, Kariavattom, Thiruvananthapuram.

Camera

Sl. No.	Features	Specifications
1	Manufacturer	IDS (preferable)
2	Resolution (H x V pixels)	3088 x 2076
3	Pixel Size	2.4 μ m
4	Sensor Type	CMOS
5	Shutter	Rolling shutter
6	Frame Rate	58.7 fps <i>or better</i>
7	Mono/Colour	Colour
8	Interface	USB 3.1 Gen. 1
9	Lens Mount	C-mount
10	Dynamic Range	> 75 dB/12.6-bit <i>or better</i>
11	Optical class	1/1.8"
12	Accessories	USB 3.1 Gen. 1, 5m cable (USB Type-C connector)
13	Readout mode	Progressive scan
14	Colour depth (camera)	12 bit <i>or better</i>

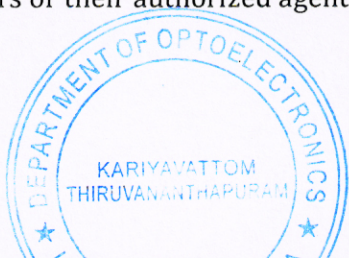
Lens (6mm)

Sl. No.	Features	Specifications
1	Manufacturer	Tamron (preferable)
2	Sensor Size	1/1.8"
3	Minimum Aperture	F/ 1.4
4	Maximum Aperture	F/ 16
5	Iris	Manual Iris
6	Focal Length Min.	6mm
7	Lens Mount	C-mod camera datasheet for your reference.

Necessary relevant software to operate the camera and necessary accessories for the smooth working of the system should be supplied.

The price may clearly indicate packing, forwarding and handling charges (if any) separately. The firms who wish to supply the item are requested to submit the quotation in sealed cover to the undersigned not later than 4:30pm on 17.10.2017. Quotations will be opened at 10:30 am on next working day (19.10.2017) in the presence of the suppliers or their authorized agents.

22.09.2017



Associate Professor & Head
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