

**Department of Optoelectronics, University of Kerala, Kariavattom,
Thiruvananthapuram, Kerala, India - 695581, Ph: 91 471 2308167**

Quotation Notification

OPTO/P-09/2017-18

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

Item No.1: Electronic Speckle Pattern Interferometer. (Without Breadboard)

- He - Ne laser
 - Power - 5mW
 - Wavelength - 632.8 nm
- Beam expander: 20X microscope objective with pinhole.
- Zoom lens : Nikon®
- Camera : 1/1.8" 6 MP CMOS Color
 - Sensor type = CMOS Color
 - Shutter = Global shutter
 - Sensor characteristic = Progressive scan
 - Pixel class = 6MP or above
 - Resolution = 6.41 Mpix or above
 - Resolution(h x v) = 3088 x 2076 Pixel
 - Optical sensor class = 1/1.8"
 - Pixel clock range = 20 MHz - 474 MHz
 - Frame rate free run mode = 58.0 fps or above
 - Frame rate trigger(continuous) = 29.0 fps or above
 - Frame rate trigger(maximum) = 29.0 fps or above
 - Exposure time(minimum-maximum) = 0.013 ms - 999ms
 - Image memory = 128MB
 - And other accessories

Item No.2: Helium Neon Laser

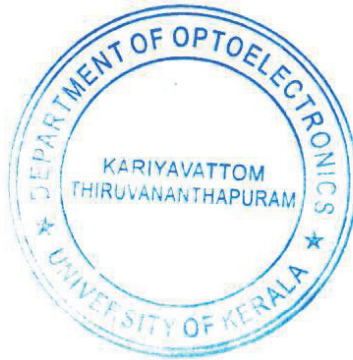
- Output Power : 2mW
- Polarization : Linear
- Operating wavelength : 632.8 nm (RED)
- Mode : TEM₀₀
- With high quality beam with stable output

Item No.3: Variable Neutral Density Filter with mount

- Outer Diameter : 50
- Inner Diameter : 12
- Surface quality : 40 - 20 (scratch-dig)
- Dimensional Tolerance : +0.00, -0.2 nm
- Thickness : 3 ± 0.2 mm
- Surface flatness : $\lambda / 4 @ 632.8$ nm
- Parallelism : ≤ 1 arc sec

The price may clearly indicate applicable tax, 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 18.01.2018. Quotations will be opened at 10:30 am on next working day (19.01.2018) in the presence of the suppliers or their authorized agents.

30.12.2017



A handwritten signature in black ink, consisting of several horizontal strokes and a vertical line.

Associate Professor & Head
Associate Professor & Head
Department of Optoelectronics
University of Kerala, Kariyavattom P.O.
Thiruvananthapuram-695581