



DEPARTMENT OF MECHANICAL ENGINEERING  
INDIAN INSTITUTE OF TECHNOLOGY  
KANPUR – 208 016, INDIA

*Dr. P. Venkitanarayanan*  
*Associate Professor*

*Ph: (0512)-2597528*  
*Fax: (0512)-2597408*  
*e-mail: venkit@iitk.ac.in*

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Dear Sir/Madam:

Sealed Quotations with all technical specifications are invited for purchase of high power long duration flash lamp for use in ultra high speed imaging through optical microscope.

**Control unit – quantity: 1**

Signal Input: Four independent Channels  
Trigger Mode: 1. Independently  
2. Simultaneous - all four channels triggered via channel 1  
Trigger Source: Short Circuit, 5-100V positive edge  
Input Impedence: 50Ω per channel  
Input Voltage: 240V, 50Hz AC

**FLASH HEAD – quantity: 2**

Light Duration : 2ms measured to 50% of peak output  
Stored Charge: 500J or better  
Light Source: Xenon flashtube  
Rise Time: not greater than 50μs  
Delay: 30μs or less  
Recycling Time: 45 seconds or better

Relay optics: 4 feet long Fiber optic light guide with each flash head  
4 feet long dual branch Fiber optic light guide with each flash head

The control unit should have the necessary compatibility for interfacing with a SIM02-16 ultra high-speed imaging system.

Prices quoted should be FCA, agency commission, discount if any, inland transportation, documentation charges should be shown separately. Kindly indicate the payment mode, delivery time and guarantee period in the quotation. The quotation should be valid for 60 days.

Competitive sealed quotations should reach the undersigned on or before February 29<sup>th</sup>, 2012.

**P. Venkitanarayanan**  
**Department of Mechanical Engineering**  
**Indian Institute of Technology Kanpur**  
**Kanpur, 208016, India**