

**Indian Institute of Technology, Kanpur**  
**Department of Biological Sciences and Bio-engineering**  
**Tender Document**

**Sub:** Enquiry letter for LED light source compatible with microscope\*  
**Tender Enquiry Number:** IITK/BSBE/JS/2022-23/07 **Enquiry Date:** 02.02.2023  
**Closing Date:** **12.02.2023** **Opening Date:** **13.02.2023**

Quotations are invited for the above-mentioned subject as per the technical specifications given below:

**\*Tender specification of LED light source compatible with microscope\***

1. LED light source must be compatible with the Olympus SZ51 microscope.
2. Life: minimum 60,000 hr.
3. Brightness: equivalent to 150 W halogen with seven High brightness LEDs, each 4.9 W.
4. It should be enabled with continuous electronic dimming from zero to 100%.
5. This light source must also be provided with the below-mentioned accessories-
  1. gooseneck light guides (light guides with bifurcated fiber optics)
  2. LBA filter
  3. collector lens.

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