

Tender document

Department of Biological Sciences and Bioengineering
Indian Institute of Technology Kanpur
Kanpur (UP) 208016 India

Enquiry date: 25.02.2020

Last Date: 05.03.2020

Enquiry No: IITK/BSBE/NM/2020/02-lasers

Sealed quotations are invited for **Purchase of visible fiber lasers (wavelengths 488 nm, 560 nm and 647nm) with power supply**. The detailed specification of the lasers is described below.

Technical Specification for all three Lasers (488nm, 560 nm and 647 nm)

- Output Power : 500 mW
- Power tunability range 100 %
- Emission wavelength range (nm): Nom -0.5 min to Nom +0.5 max
- Emission Linewidth: 0.1 nm
- Long term wavelength stability (nm): Nominal -0.02 min to Nominal +0.02 max
- Degree of polarization: 100%
- Ellipticity: Nominal 7 %
- Beam Waist Diameter: 0.8-1.2 mm
- Beam waist location 1000 mm
- RMS Noise at nominal power: 2%
- Long term outpower drift: 2 % max
- Collimated beam with TEM00 traverse mode
- Graphical user interface
- Safety interlock
- Air cooling

Terms and Conditions:

1. The OEM Submitting the proposal should be in the Top 5 list since last 3 years. They should have 2 or more installations in leading international firms recently.
2. All equipment must be compatible with Indian electrical standards and codes. Engineering documentation on the physical sizes and weights of all major and minor components must be submitted.
3. Warranty & Support: One year from date of installation.
4. Quotations must be valid till 90 days.
5. Delivery period will be 8-12 weeks from date of receipt of export license.
6. IIT Kanpur is fully exempted from payment of GST on Imported Goods against our DSIR certificate.
7. IIT Kanpur is partially exempted from payment of Customs Duty (We will provide Custom Duty Exemption Certificate, CD applicable is 5.5%).
8. TENDER Specific Manufacturer Authorization Form from OEM Required.
9. The Institute reserves the right of accepting or rejecting any quotations without assigning any reason thereof.
10. Ex-works or CIF (New Delhi or Mumbai). All prices should be quoted separately if import is required.

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