

Indian Institute of Technology Kanpur

Department of Physics

From

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ENQ No.: PHY/SAR/27 DEC 2011/NCON-1

Date: January 4, 2012

Sub: Inviting sealed quotations for **Diode Pumped Solid State Laser/He-Cd LASER**

Sir/Madam,

We are inviting sealed quotations for a single mode Violet-blue LASER (Helium-Cadmium Laser or diode pumped solid state laser) as specified below. The quotation in the name of Prof. S. Anantha Ramakrishna, Department of Physics, Indian Institute of Technology Kanpur should reach by 15 days from the date of advertisement (On-Line). Kindly submit sealed quotations separately for the technical information and financial bids.

Thanking you

Prof. S. Anantha Ramakrishna

1. Violet Blue laser (Continuous Wave)

Wavelength: within the range 440 - 443 nm
Power: 30-50 mW, preferably about 40 mW
Single longitudinal mode with line width < 20 MHz
Transverse Mode: TEM₀₀
Polarization: Linear, Vertical with purity ≥ 100:1
Beam quality: <1.3
Beam Divergence: <1.5 mrad
Coherence Length ≥ 10 cm
Power stability: ± 2% over 2 hours or better
Power supply: 220 VAC @ 50 Hz (Indian standard)

Quantity: 1

**** Clearly specify the bandwidth or coherence length of the laser to be supplied**
Quote separately for delivery charges to IIT Kanpur OR FOB price to IIT Kanpur freight forwarders