

Dear Representative,

Kindly send your best quotation for the following items with various accessories on C.I.P. Bangalore basis to the undersigned. These items would be used for setting up a state-of-the-art spectroscopy laboratory at IISc. Your quotations should clearly indicate the terms of delivery, delivery schedule, entry tax, payment terms etc. The tender should be submitted in two separate sealed envelopes: one containing the technical bid and the other containing the commercial bid, both of which should reach the undersigned, duly signed on or before 1700 hours, July 15, 2016. The technical bid must include details of technical specifications of the equipment along with commercial terms and conditions; however the price components should NOT be shown. Please enclose a compliance certificate and table of compliance along with the technical bid.

The commercial bid must include the price of the item indicating the break-up of the following:

- (i) The price of the goods quoted on C. I. P. (Bangalore)
- (ii) The charges for insurance and transportation from warehouse to IISc warehouse.
- (iii) The agency commission charges if any
- (iv) The installation, commission charges, if any.
- (v) Please include a table indicating compliance with the specifications indicated below.
- (vi) Please indicate the warranty period.

**Terms and conditions:**

1. The vendor should have a track record of having previously supplied similar equipment in India. (Include list of users).
2. The vendor should have qualified technical service personnel for the equipment based in India.

Both documents should be addressed to:

The Chairman,  
Solid State and Structural Chemistry Unit,  
Indian Institute of Science  
Bangalore 560012.

Please deliver or mail both sealed quotations to:

Anshu Pandey,  
Solid State and Structural Chemistry Unit,  
Indian Institute of Science  
Bangalore – 560012.

INDIA

Email: [anshup@sscu.iisc.ernet.in](mailto:anshup@sscu.iisc.ernet.in)

Phone: 080-22932070

**Specifications:**

- 1) Tunable Ti: sapphire based laser oscillator with a tuning range from ~700 nm to ~1000 nm. Pulse length from 70-100 fs with dispersion compensation.
- 2) ~2.5 W output power at 80 MHz or similar.
- 3) Noise and beam quality characteristics: < 0.17% noise, TEM00 mode with  $M^2 < 1.1$ , Astigmatism < 10, Linear, Horizontal Polarization with >500:1 quality. Pointing stability <82 microrad/100 nm. Ellipticity 1+/- 0.1 or better.
- 4) Dispersion compensation better than 0-20000 fs<sup>2</sup> at 800 nm. Comparable or superior performance at all other wavelengths.
- 5) Beam height of ~121 mm to ensure compatibility to the optical microscope already installed in our laboratory.
- 6) Wavelength tuning : automatic at 20 nm/s or more.
- 7) Operating voltage ~230 V. All necessary chillers and/or routing optics to optimize beam height must be provided.