



SAVITRIBAI PHULE PUNE UNIVERSITY
DEPARTMENT OF PHYSICS

Ref. No./ Quot./ PHY/ SRM/32

Date: 30/09/ 2016

Name of the Administration

Branch/ Department:

Quotations are invited for the supply of following goods/ carrying out the work, so as to reach this office on or before

15/10/2016

Sr. No.	Description of Material/ Item/ work	Approximate Quantity	Rate Per unit	Amount (Rs.)	Remark
1	Diode laser with power supply	1	-	-	-
2	Necessary optics mounts and filters	-	-	-	-

1. Octroi Exemption Certificate will be issue for the goods supplied from the places outside Pune Municipal Corporation Limits.
 2. Excise duty, Custom duty Exemption Certificate will be issued if applicable.
- Note: For other terms and conditions see overleaf.

Head, Department of Physics

Administrative Branch

Savitribai Phule Pune University

Pune - 411 007.

Signature

(Supplier)

(With Stamp)

We propose to procure a laser for single quantum dot spectroscopy having low power that can withstand semiconductor quantum dot capped with organic molecules facilitating variable wavelength, power and pulse width with control units and cables having following specifications:

- a. Pulse width: 6 to 15 ps
- b. Repetition rate: at least 20 MHz
- c. Output power: < 8 W

In order to use laser light source for spectroscopic measurements, it will be required to procure appropriate optical filters, lenses, mirrors and mounts, to hold the optical components in the said spectrometer.

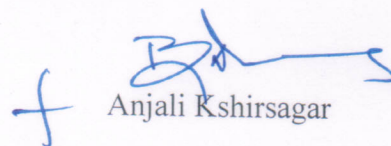
Following are the specifications for optical components

- a) Dichroic mirrors for laser wavelengths, 375 nm, 450 nm, 510 nm and 561 nm
- b) Razor Edge filters for above mentioned laser wavelengths.
- c) Filter cubes for the above filters compatible for Nikon Ti-U inverted microscope

SR Mahamuni

Shailaja Mahamuni

P. I.



Anjali Kshirsagar

Professor and Head

Department of Physics