

## Request for Quotation

**Reference no.:** AE/VA/2018/07/20

**Subject:** Quotation to supply: **One single cavity (pulsed) Nd:YAG laser**

With reference to the subject mentioned above, you are invited to submit quotation in a sealed cover (**technical** and **financial** bids should be in separate sealed envelopes) in order to reach us on or before **5 PM, 17/08/2018 (Friday)** in the form of a **hard copy** to the address mentioned below.

The requirement is for one single cavity (pulsed) Nd:YAG laser.

Sr. no.	Product name	No. of units
1.	<p><b><u>Nd:YAG laser (single cavity, pulsed):</u></b></p> <p><b>Repetition rate:</b> 10 Hz or more  <b>Wavelength:</b> 532 nm  <b>Pulse energy:</b> 425 mJ or more at 532 nm  <b>Pulse duration:</b> 10 ns or less  <b>Beam diameter:</b> 10 mm or less  <b>Beam divergence:</b> 0.5 mrad or less  <b>Beam pointing stability:</b> <math>\pm 100</math> <math>\mu</math>rad or less  <b>Timing jitter:</b> <math>\pm 1</math> ns or less  <b>Energy stability:</b> <math>\pm 3\%</math> or less  <b>Cooling:</b> air/water cooled, if water cooled then chiller should be provided.  <b>Lamp lifetime:</b> 20 million shots or more  <b>Power supply:</b> should be compatible with Indian electric supply specifications and fixtures  <b>Trigger:</b> external trigger (for operation through synchronizer), internal trigger (for operation through PC, also include the software)</p>	1

- Minimum warranty period for all the parts should be 24 months
- All the above items should be successfully installed and commissioned at IITK
- Prices should include other additional charges, i.e. freight, insurance etc...
- Installation charges should be included
- Maximum educational discount should be shown explicitly in the quotation
- Any other essential accessories for the functioning of the above mentioned products should also be included

**Address:** Send quotation to:

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