

**Physics Department**  
**Indian Institute of Technology Delhi**

**Notice for inviting quotations**

Dt: 24-10-2013

Ref: NP/DST/2013-14/02

Sub: Purchase of low-power lasers

Please send your quotation for purchase of above said item(s) as per specifications given below. Your quotations should reach latest by **5 PM** on 07-11-2013. Quotations are solicited only for items manufactured by reputed company with proven past record of sales, supply and after-sale service.

Sr. No.	Laser	Specifications	Qty
1	410nm diode laser, 100mW or above	410±5nm , CW, Power output=100mW or above Single mode/TEM <sub>00</sub> , beam divergence= <1.5mrad; power stability ≤5%; Warmup-time= ≤10 min; beam size=≤4mm (If the laser is pigtailed, then it must be multimode fiber ( 1m length) with SMA termination with powerout from the fiber end has to be 100mW or above ) Operating temperature 10-35C TTL modulation>5KHz Suitable power supply (Input voltage= 115 / 230 VAC 50 / 60 Hz (Typical)) Expected life time> 5000Hrs Warranty= min. 1 year	01
2	410nm diode laser, 1000mW	410±5nm, CW, Power output=1000mW or above Single mode/TEM <sub>00</sub> , beam divergence= <1.5mrad; power stability ≤5%; Warmup-time= ≤10 min; beam size=≤4mm (If the laser is pigtailed, then it must be multimode fiber ( 1m length) with SMA termination with powerout from the fiber end has to be 1000mW or above) Operating temperature 10-35C TTL modulation>5KHz Suitable power supply (Input voltage= 115 / 230 VAC 50 / 60 Hz (Typical)) Expected life time> 5000Hrs Warranty= min. 1 year	01
3	445nm DPSS laser 1W or above	445±5nm, CW, Single mode/TEM <sub>00</sub> , beam divergence= <1.5mrad;	01

		power stability $\leq 5\%$ ; Warmup-time= $\leq 10$ min; beam size= $\leq 4$ mm or $< 5$ mmx8mm, (If the laser is pigtailed, then it must be multimode fiber ( 1m length) with SMA termination.) Operating temperature 10-35C TTL modulation $> 5$ KHz Suitable power supply (Input voltage= 115 / 230 VAC 50 / 60 Hz (Typical)) Expected life time $> 5000$ Hrs Warranty= min. 1 year	
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## TERMS & CONDITIONS COVERING SUBMISSION OF QUOTATIONS

### 1. Technical requirements

- 1) The quotation must contain the following details, otherwise quotation cannot be considered.
  - a. The **technical** bid **must** contain all the required technical specifications.
  - b. Along with the technical bid, please enclose support documents related to previous sale of the above items(s) within India.
  - c. If the items are of proprietary nature, please provide proprietary certificate from the manufacturer.
  - d. All INDIAN agents must provide agent certificate, IEC and central sales tax certificate.

**2. DELIVERY:** The rates quoted must be for FOB Delhi (Air Freight) ( if required)

**3. TERMS OF PAYMENT:** **100% post-payment on delivery and satisfactory installation.**  
LC/electronic (wire) transaction options may be specified.

**4. INSTITUTE'S RIGHTS :** IIT Delhi reserves the rights of acceptance or rejection of  
any or all quotations.

**5. VALIDITY OF QUOTATIONS:** Quotations should be valid at least for a period of 3 months.

**6. SUBMISSION OF QUOTATIONS:** Both **Technical and price bids are to be quoted separately in separate sealed covers. Both these bids** should be sent in a sealed cover marked at the top SUBJECT AND DUE DATE

**07-11-2013 by 5PM**

Quotations should be sent, on or before due date to:

**Dr. G. Vijaya Prakash, Associate Professor  
Department of Physics, IIT Delhi, Hauz Khas,  
New Delhi 110 016, India.**

Dr. G. Vijaya Prakash  
Department of Physics, IIT Delhi,