

INDIAN INSTITUTE OF TECHNOLOGY KANPUR
IIT Post office, Kanpur 208016, U.P
Department of Physics

Dr. Soumik Mukhopadhyay
Department of Physics
I.I.T. Kanpur
Kanpur 208016, U.P.
e-mail: soumikm@iitk.ac.in

30/08/2013

Enquiry no.: PHY/MSC LAB/2013-14/EQP/6

Enquiry date: 30.08.2013

Closing date: 12.09.2013

Sealed quotations should reach the undersigned latest by 4.00 pm on **12th September, 2013** for complete experimental setup:

S.N	Items	Qty	Remark
1	Nitrogen Laser with power supply	1	Details given below
2	High Voltage power supply (0-5kV)	03	Details given below

Technical specification

Nitrogen Laser (337 nm wavelength) with power supply

- provides 3.5 ns pulses at 337 nm (UV)
- 170 μ J pulse energy which results in a peak power of 45 kW and an average power of 3 mW.
- Internal or external triggering to 20 Hz
- Replaceable laser cartridge
- No mirror alignment necessary
- TTL level sync output pulse (opt.)

High Voltage Power Supply (0-5kV)

- Range 0 to \pm 5 kV
- 1 volt resolution
- Current 5mA max.
- 0.05 % accuracy
- short circuit protected;
- Highly stable

Terms and conditions:

- Quotations should have a validity of a minimum of 60 days.
- All the equipment should be provided with a replacement warranty of 1 year against manufacturing defects.
- All the parts should be replaced free of cost in case of any damage in transit / deviation from specifications.
- Maximum possible educational discount should be specified on the quotation since all are for teaching purposes.
- Quantity of items may vary (increase/decrease) in order
- Quotations are required in a sealed envelope with enquiry number mentioned on the envelope.
- The delivery period should be within 60 days of placing the purchase order.
- The rate offered should be F.O.R Kanpur for firms located outside Kanpur and free delivery at the Institute premises for local firms.
- Institute is exempted from payment of E. Duty under notification no.10/97
- Institute is entitled to avail concession rate of sales tax as admissible under Sub-sec 5 of Sec 8 C.S.T Act 1956 applicable to Educational/Research institution in inter-state purchase.