

**INDIAN INSTITUTE OF TECHNOLOGY KANPUR**  
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**Department of Physics**

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30/08/2013

**Enquiry no.: PHY/MSC LAB/2013-14/EQP/5**

**Enquiry date: 30.08.2013**

**Closing date: 12.09.2013**

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

S.N	Items	Qty.	Remark
1	Michelson's interferometer using sodium lamp (complete setup)	02	
2	Sodium lamp (55 W) with its supply	02	
3	mirrors	02	Match with provided setup
4	beam splitter	02	Match with provided setup
5	Compensating plate	02	Match with provided setup

**Technical Specification:**

- \* Setup consisting both or atleast one movable mirror
- \* Mirror holders (Fitted with mirror mount), which makes them capable of holding mirrors of 25.4 mm dia & 12.5 mm thickness (approx.)
- \* Interferometer provided by 3 scales
- \* Linear scale 0-150 mm graduated in mm is attached with bed of interferometer
- \* Graduated disc (0-100 Div.) may be peeped through glass window and is provided with head
- \* Precise measurement, mirror control is extremely fine with the micrometer of least count of 0.0001 mm.
- \* Heavy base for high stability.
- \* **The mirrors and beam splitter are flat upto  $\lambda/6$**  and with high quality coating for sharp and better interference.
- \* Short focal length telescope to observe the fringes

**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.