



**Indian Institute of Technology, Kanpur
Department of Physics**

Enquiry no.: IITK/PHY/160

Enquiry date: 10.9.2013

Closing date: 22.9. 2013

Sealed quotations are invited for **three** Digital Read Out (DRO) systems for lathe machines. Technical specifications for the component should comply with the following standards:

Item: Digital Read Out(DRO) for Lathe, **Qty:** 3

Display	2-axis
Basic Functions	Axis Speed Display Radium Display Centering Feature Coordiante entry Feature Built-in RFF memory Built-in Calculator Linear error compensation Vibration Filtering
Resolution	≤ 5 micro-meter
Measuring Standard	Glass Scale-Griating period : 20 um
Repeatability	< 0.003 mm
Hysteresis	< 0.003 mm
Power Supply	DC 5V with 5% variation
Size(to fit existing lathes)	1000 mm by 250 mm (approx.)
Least Count	5 micron
Units	Both inches and metric

Terms and conditions:

The sealed envelopes with the quotes should be superscribed with the Inquiry number.

The delivery period should be specifically stated.

Quotes should be made options for the either of the following delivery modes

- Ex-works for pickup by our world-wide transport provider
- FOB in country of origin
- CIF, New Delhi
- For delivery to IIT Kanpur

Maximum educational discounts should be applied – this equipment will be used for research as well as teach and trainstudents.

Quotes should have a minimum validity of 60 days

Address the quotations to

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