

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

Prof. S.A.Ramakrishna
Dept of Physics
IIT Kanpur
Kanpur 208016, U.P

e-mail: sar@iitk.ac.in

Enquiry no.: PHY/OPTICS/SAR/EQP/5

Enquiry date: 21.5.2012

Closing date: 31.5.2012

Sealed quotations should reach the undersigned latest by 4.00 pm on 31st May, 2012 for the following items:

S.No.	Description	Quantity
1	Pin Hole Set	10
2	Single Slit (with variable slit size)	15
3	Double Slit (with fixed slit size and variable separation)	15
4	XYZ-Stage	15
5	X-translation stage	15
6	X-Y translation stage	15
7	Iris aperture	15

The above-mentioned items should conform to the following specifications:

(a) Pin Hole set:

Parameter	Required specification
Size of Pin hole	10, 25, 50, 100, 200 (μm)
Size of mount	Circular with 2.5 cm diameter
Material	Metal (non magnetic)
Thickness	0.1 mm (approx)

(b) Single Slit with variable slit size:

Parameter	Required specifications
Slit Width	Variable – 50 μm to 1 mm
Control	With Micrometer

(c) Double Slit with fixed slit size and variable slit separation:

Parameter	Required specifications
Slit Width	Fixed (100 μ m)
Slit separation	Variable, maximum 2 mm
Control	With Micrometer

(d) XYZ Stage

Parameter	Required specifications
Movement range	Approx 5 cm travel for each side with micrometers
Mounting	M6-holes, post/base mountable
Load Capacity	Approx 2.0 Kg
Accuracy	0.1mm
Top	Approx 50x50 mm

(e) X-translation Stage

Parameter	Required specifications
Movement range	Approx 5 cm travel with graduated scale and micrometer movement
Mounting	M6-holes, post/base mountable
Accuracy	0.01mm
Top	At least 30x30 mm

(f) X-Y translation Stage

Parameter	Required specifications
Movement range	Approx 5 cm travel with graduated scale and micrometer movement, in both x- and y-directions
Mounting	M6-holes, post/base mountable
Accuracy	0.01mm
Top	Approx 30x30 mm

(g) Iris aperture:

Parameter	Required specification
Minimum Size	0.05 mm dia
Maximum size	1 cm dia
Material	Any non-magnetic material
Thickness	1 mm (approx)

Terms and conditions:

Quotations should have a validity of a minimum of 60 days.

All the equipment should be provided with a 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.

Quotations are required in duplicate in a sealed envelope with enquiry number mentioned on the envelope.

The delivery period should be within 40 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.