

INDIAN INSTITUTE OF TECHNOLOGY KANPUR

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Department of Physics

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Enquiry no.: PHY/OPTICS/SAR/EQP/6

Enquiry date: 26.10.2012

Closing date: 10.11.2012

Sealed quotations should reach the undersigned latest by 4.00 pm on 10th November, 2012

for the following items:

S. No.	Description	Quantity
1.	Optical Bread Board	14
2.	Rotational mounts with angle marking	30
3.	Manual Rotational Stage	30
4.	Screen Holders	30
5.	Post Holders	100
6.	Post	60 (25 mm)+ 60 (50 mm)+60 (75 mm)+60 (100 mm)=240
7.	Adjustable Lens Holders	30 (for 50 mm optics)+ 30 (for 25 mm optics)

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

(a) Optical Bread Board:

Parameter	Required specification
Dimension	LxBxH=90x60x6 (cm) with thick stainless steel sheet as top skin and thick aluminum sheet as bottom skin
Threads	M6 tapped holes at 25 mm grid
Side Wall	Compressed wooden particle board as side walls to damp acoustic vibrations
Core	Aluminum honeycomb core with cell size of approx 6 sq. cm. and Nylon cup under each tapped hole

(b) Rotational Mount:

Parameter	Required specification
Optics Dia	25 mm
Thicknesses	5 mm
Mounting	Optics Held by Retaining Ring M6 Post Mountable
Angle Resolution	1 degree

(c) Manual Rotational Stage

Parameter	Required specification
Dia of Stage	75mm
Coarse movement	360 degree
Load capacity	25 kgs
Resolutions	0.1 degree
Mounting	M6 mounting holes, M6 C'bored holes
Material	Aluminum alloy
Finish	Black anodized

(d) Plate/Screen Holders

Parameter	Required specification
Material	Aluminum Alloy
Length	30 mm
Slot size	Height= 10 mm, Width= 5 mm with thumb screw support
Mounting	M6 tapped hole at the base for post mounting
Finish	Black anodized finish

(e) Post Holders

Parameter	Required specification
Material	Aluminum alloy
Length	50 mm
Bore	12 mm+0.1
Mounting Hole	M6 tapped hole at the base
Finish	Black anodized finish
Straightness	+/-0.02mm over 100mm

(f) Posts

Parameter	Required specification
Material	Stainless steel, SS
Length	25 mm, 50 mm, 75 mm and 100 mm
Outer diameter	12 mm
Tolerance	+/-0.1
Mounting Hole	M6 tapped hole on one sides and M6 Threads on other side
Finish	Precision ground finish
Through Hole	M6/M4 to help in tighten or loosen the post

(g) Adjustable lens Mount:

Parameter	Required specification
Material	Aluminum alloy
Design	3-point design
Mounting	M6-Post Mounting
Lens Mounting	Between nylon tips having angular grooves with nylon tips to protect the optics
Optics Size	25 mm and 50 mm
Finish	Black anodized finish

Special Note: - Please don't copy our desired specifications and give the exact details/specifications of your products only. We will not consider the Quotations, which found to have cut and paste of our desired specifications.

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.