

Indian Institute of Technology, Kanpur
Department of Physics

Enquiry no.: IITK/PHY/SG/104

Enquiry date: 20/1/2017

Closing date: 6/2/2017

- Sealed quotations are invited for multiple optical accessory components as stated below.
All parts corresponding to the quotations should be from a single company for compatibility and maintenance. Any compliance claimed should be supported with necessary data sheet.

A tender for same parts was floated earlier, with enquiry no.-IITK/PHY/103 from the enquiry date: 8/11/2016 to the closing date: 29/11/2016. Unfortunately, none of the participant satisfied the requirement of a single company quote, quoting for all parts or price budget.

We therefore request all participating vendors to follow the instructions and try to provide discounts, in the light of the fact that we are an educational institute and the instruments to be purchased are for research purpose only.

S.NO	PRODUCT & SPECIFICATIONS:	SPECIFICATIONS	QUANTITY
1.	Mirror Mount	<ul style="list-style-type: none"> • Mirror Diameter = 1" (Ø25 mm) • 3 Piezo Adjusters • Metric 	1
2.	Mounting Post Base	<ul style="list-style-type: none"> • Diameter = 61 mm • Thickness = 12.7 mm • Metric 	20
3.	Flip Mount Adapter	<ul style="list-style-type: none"> • Platform Flips 90⁰ • Width = 1" (One side) • Height = 1" • Metric 	4
4.	Aluminum Breadboard	<ul style="list-style-type: none"> • Dimension = 450 mm × 600 mm × 12.7 mm • M6 Taps 	1
5.	Kinematic Mirror Mount	<ul style="list-style-type: none"> • Mirror Diameter = 1" (Ø25.4mm) • M4 Taps • Metric 	45
6.	Threaded Kinematic Mount	<ul style="list-style-type: none"> • Thin Ø1" Optics 	40
7.	Studded Pedestal Base Adapter	<ul style="list-style-type: none"> • M6 × 1.0 Thread • Diameter = 47 mm • Thickness = 6.1 mm 	20

		<ul style="list-style-type: none"> • Material = Steel 	
8.	3-Axis MicroBlock Compact Flexure Stage	<ul style="list-style-type: none"> • Fine Thread Thumbscrew Drives • Metric Taps • Material = Anodized Aluminium 	1
9.	Right-Angle End Clamp	<ul style="list-style-type: none"> • For Ø1/2" Posts • M6 × 1.0 Mounting Stud • 5 mm HEX 	2
10.	Optical Construction Post	<ul style="list-style-type: none"> • Ø12.7 mm • M4 × 0.7 Double Ended Set Screw, 12mm LONG (2 mm HEX) • M4 Cap Screw Thru Clearance 5 Slot 	5
11.	90° Flip Mount	<ul style="list-style-type: none"> • For Ø1" Filters and Optics • M4 Tap 	4
12.	Mini Series Cage Assembly Rod	<ul style="list-style-type: none"> • 4" (101.6 mm) Long • Diameter = 4 mm 	4
13.	Translating Optical Post	<ul style="list-style-type: none"> • Ø12.7 mm • M4 Setscrew • M6 Tap • Length = 50.8 mm to 57.2 mm 	2
14.	Mini Series Cage Assembly Rod	<ul style="list-style-type: none"> • 2" (50.8 mm) Long • Diameter = 4 mm 	8
15.	Polaris	<ul style="list-style-type: none"> • 1/4"-100 Thread • High Temperature • Length = 1" 	2
16.	Polaris	<ul style="list-style-type: none"> • 1/4"-100 Thread • Vacuum Compatible • Length = 0.75" 	4
17.	Compact Cage Plate	<ul style="list-style-type: none"> • for a 16 mm Cage System • Blank Cage Plate • Four Ø 4.0 mm Through • Four Ø 2.8 mm Through • Thickness = 6.4 mm 	4
18.	Compact Cage Plate	<ul style="list-style-type: none"> • for a 16 mm Cage System • 16 mm Aperture • Four Ø 4.0 mm Through • Four Ø 3.3 mm Through 	4

		<ul style="list-style-type: none"> • Thickness = 6.4 mm 	
19.	Mounting Post Spacer	<ul style="list-style-type: none"> • Height = 2 mm • Outer Diameter = 37.7 mm • Clearance Hole = 6.7 mm 	10
20.	Mounting Post Spacer	<ul style="list-style-type: none"> • Height = 10 mm • Outer Diameter = 37.7 mm • Clearance Hole = 6.7 mm 	10
21.	Mounting Post Spacer	<ul style="list-style-type: none"> • Height = 5 mm • Outer Diameter = 37.7 mm • Clearance Hole = 6.7 mm 	10
22.	Mirror Mount	<ul style="list-style-type: none"> • 45° Mirror Mount • For Ø1" Mirror 	1
23.	Nexus Optical Table	<ul style="list-style-type: none"> • Dimension = 1.2 m × 2 m × 210 mm • 700 mm Tall Active Isolator Legs • 3840 × M6 × 1.0 Tapped Holes (25 mm separation between the holes) 	1
24.	Flat End Plate	<ul style="list-style-type: none"> • Pack of 25 • Each plate dimension = 2.0 mm × 2.0 mm × 0.4 mm 	5
25.	End Hemisphere	<ul style="list-style-type: none"> • Pack of 25 • Each Hemisphere Diameter Ø = 2.0 mm 	4
26.	Flat End Plate	<ul style="list-style-type: none"> • Pack of 25 • Each plate dimension = 5.0 mm × 5.0 mm × 0.4 mm 	5
27.	Flat End Plate	<ul style="list-style-type: none"> • Pack of 25 • Each plate dimension = 2.5 mm × 2.5 mm × 0.4 mm 	5
28.	Flat End Plate	<ul style="list-style-type: none"> • Pack of 25 • Each plate dimension = 3 mm × 3 mm × 0.4 mm 	5
29.	End Hemisphere	<ul style="list-style-type: none"> • Pack of 25 • Each Hemisphere Diameter = 3.0 mm 	4
30.	Angle Clamp	<ul style="list-style-type: none"> • Right-Handed 45° • For Ø1/2" Posts • 5 mm Hex • 5 Pack 	2

		<ul style="list-style-type: none"> • Metric 	
31.	Rotation Mount	<ul style="list-style-type: none"> • For Ø1" (Ø25.4 mm) Optics • Adjustable Zero • M4 Tap • Metric 	12
32.	Angle Clamp	<ul style="list-style-type: none"> • Right Angle (90⁰) • For Ø1/2" Posts • 5 mm Hex • 5 Pack • Metric 	2
33.	Rotating Clamp	<ul style="list-style-type: none"> • For Ø1/2" Posts • 360° Continuously Adjustable • 5 mm Hex • 5 Pack • Metric 	2
34.	Retaining Ring	<ul style="list-style-type: none"> • For Ø1" Lens Tubes and Mounts • 10 Pack 	2
35.	Piezoelectric Actuator	<ul style="list-style-type: none"> • Max Displacement =4.6µm • Dimension=3.5mm×4.5mm×5 mm • Operating Temperature < -20⁰C to > 80⁰C 	4

Quote should be made in two parts: Technical bid and financial bid separately in sealed envelopes.

Financial bids for the product whose technical bid is not acceptable will not be opened. Any quote with the financial bid included in the technical bid will be summarily rejected.

The sealed envelopes with the quotes should be superscribed with the Inquiry number and whether it is a technical or financial bid.

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 train students.

Quotes should have a minimum validity of 60 days

Address the quotations to:

Dr. Saikat Ghosh
Department of Physics
Indian Institute of Technology, Kanpur
Kanpur – 208 016, India
Email: gsaikat@iitk.ac.in,
Ph.: +91-512-259 6971
Fax: +91-512-259 0914