

Enquiry No. IITK/CHM/MC/13-14/15

Due date: 02/09/2013

**Sub: Request for quotation for optomechanics and optics**

Please send us sealed quotation with all the technical details for the following items. A single company/ distributor should quote for all the items for standalone operations. Partial quotations are not allowed.

Sl. No	Item name	Description	Quantity
1	Optical Post	12.7 mm x 20 mm Stainless Steel Optical Post, M4 Stud, M6-Tapped Hole	5
2	Optical Post	12.7 mm x 50 mm Stainless Steel Optical Post, M4 Stud, M6-Tapped Hole	5
3	Optical Post	12.7 mm x 75 mm Stainless Steel Optical Post, M4 Stud, M6-Tapped Hole	15
4	Optical Post	12.7 mm x 100 mm Stainless Steel Optical Post, M4 Stud, M6-Tapped Hole	10
5	Optical Post	12.7 mm x 30 mm Stainless Steel Optical Post, M4 Stud, M6-Tapped Hole	15
6	Post Holder	Post Holder with Spring-Loaded Hex-Locking Thumbscrew, L = 30 mm	15
7	Post Holder	Post Holder with Spring-Loaded Hex-Locking Thumbscrew, L = 100 mm	15
8	Post Holder	Post Holder with Spring-Loaded Hex-Locking Thumbscrew, L = 75 mm	15
9	Post Holder	Post Holder with Spring-Loaded Hex-Locking Thumbscrew, L = 20 mm	5
10	Mounting Base	Mounting Base, 25 mm x 58 mm x 10 mm	50
11	Kinematic Mount	Kinematic Mount for Ø1" Optics	15
12	Lens Mount	Metric, Lens Mount for Ø1" Optics, One Retaining Ring should be Included	5
13	linear Translation Stage	25 mm linear Translation Stage. Each stage should contain 16 1/4"-20 (M6) tapped mounting holes 0.22" (5.8 mm) deep	2
14	Aluminum Breadboard	Aluminum Breadboard, 300 mm x 300 mm x 12.7 mm, M6 Taps	1
15	Vertical Bracket	Vertical Bracket for 300 mm x 300 mm x 12.7 mm Breadboards, M6 Holes,	2
16	Swivel Post Clamp	Swivel Post Clamp (Metric), 360° Continuously Adjustable	2
17	Right-Angle Post Clamp	Right-Angle Post Clamp (Metric), Fixed 90° Adapter	2
18	Pedestal Pillar Post	25 mm Pedestal Pillar Post, M6 Taps, Length=100 mm	4
19	Clamping Fork	Small Clamping Fork for 25 mm Pedestal Pillar Post, 1.25" Counterbored Slot, Universal	4

20	Aluminum Breadboard	Aluminum Breadboard, 100 mm x 150 mm x 12.7 mm, M6 Taps	1
21	Spanner Wrench	SM1 Spanner Wrench, Graduated, Length = 3.88"	1
22	Lens Tube	SM1 Lens Tube, 0.3" Thread Depth, One Retaining Ring should be Included	4
23	Lens Tube	SM1 Lens Tube, 0.5" Thread Depth, One Retaining Ring should be Included	4
24	Lens Tube	SM1 Lens Tube, 1" Thread Depth, One Retaining Ring should be Included	4
25	Retaining Ring	SM1 Retaining Ring for Ø1" Lens Tubes and Mounts	5
26	Alignment tool	30 mm Cage System Alignment Plate with Ø1 mm Hole	2
27	Alignment tool	Alignment Plate for lens Mount and SM1 Lens Tubes	
28	Post collar	Slip-On Post Collar for Ø1/2" Posts, Metric	5
29	Post collar	Thin Slip-On Post Collar for Ø1/2" Posts, (Pack of 5 posts)	1
30	Cage Plate	SM1-Threaded 30 mm Cage Plate, 4 mm Thick	5
31	Cage Plate	SM1-Threaded 30 mm Cage Plate, 0.35" Thick, 2 Retaining Rings should be included, Metric	10
32	Optic Swapper	Cage Assembly Optic Swapper Plate	2
33	Cage Cube Connector	30 mm Cage Cube Connector for 30 mm Cage System Cube	1
34	Cage Cube	30 mm Cage System Cube with Ø6 mm Clearance Holes	2
35	Optic mount for cage cube platform	1" Cage Cube Optic Mount For Fixed Cage Cube Platform	2
36	Cage Cube platform	Fixed Cage Cube Platform for 30 mm cage system cube, Metric	2
37	Cage Assembly Rod	Cage Assembly Rod, 2" Long, Ø6 mm	12
38	Cage Assembly Rod	Cage Assembly Rod, 8" Long, Ø6 mm	8
39	Cage Assembly Rod	Cage Assembly Rod, 1" Long, Ø6 mm	16
40	Cage Assembly Rod	Cage Assembly Rod, 1/2" Long, Ø6 mm	12
41	Cage Assembly Rod	Cage Assembly Rod, 3" Long, Ø6 mm	12
42	Cage Assembly Rod	Cage Assembly Rod, 4" Long, Ø6 mm	12
43	Cage Assembly Rod	Cage Assembly Rod, 6" Long, Ø6 mm	12
44	Rod Adapter	Rod Adapter for Ø6 mm ER Rods	12
45	Cage Rotation Mount	Cage Rotation Mount for Ø1" Optics, for 30 mm cage system, Double Bored with Setscrew	3
46	Spanner Wrench	SM05 Spanner Wrench, Length = 1"	1
47	Fiber Patch Cable	~550 µm, 0.22 NA, SMA-SMA Fiber Patch Cable, 1 Meter	1
48	Fiber Patch Cable	~550 µm, 0.22 NA, SMA-SMA Fiber Patch Cable, 2 Meters	1
49	Fiber Adapter Plate	SMA Fiber Adapter Plate with External SM1 (1.035"-40) Thread	4

50	Cap Screw and Hardware Kit	M4 Cap Screw and Hardware Kit	1
51	Cap Screw and Hardware Kit	M6 Cap Screw and Hardware Kit	1
52	Lens Tissue	50 Lens Tissue Booklets in a Closeable Box, 25 Sheets per Booklet	1
53	Forceps	Forceps, Solid Stainless Steel	1
54	Forceps	Angled Forceps, Solid Stainless Steel	1
55	Lens	N-BK7 Plano-Convex Lens, f = 25.4 mm, Ø25 mm, Uncoated	2
56	Lens	N-BK7 Plano-Convex Lens, f = 50.0 mm, Ø25 mm, Uncoated	2
57	Photo diode	Slim Photodiode Power Sensor, Si, 400 - 1100 nm, from $\mu$ W to ~ 500 mW	1
58	Power Meter Console	Compact Power Meter Console for the Slim Si Photodiode Power Sensor, Mechanical Analog & Graphics LC Display	1
59	Balldriver and Hex Key	15-Piece Balldriver and Hex Key Kit with Stand, Metric	1
60	Rotation Mount	Metric Rotation Mount for Ø12.7 mm Optics, One SM05 Retaining Ring should be Included	2
61	Linear Polarizer	1/2" Linear Polarizer with N-BK7 Protective Windows, 400-700 nm	1
62	Linear Polarizer	12.5 mm Unmounted Linear Polarizer, 550 - 1500 nm	1
63	Pillar Post Extension	25.0 mm Pillar Post Extension, Length=25 mm	4
64	Silver Mirrors	Ø1" (Ø25.4 mm) Protected Silver Mirrors (pack of ten mirrors)	1 pack
65	Right angle kinematic mirror mount	Right angle kinematic mirror mount for 30 mm cage system, post mountable, SM1	1
66	RMS to SMA adapter	RMS to SMA adapter rings. Inside thread is RMS and outside thread is SMA. Thickness should be within 3 to 6 mm	2

**Terms and conditions:**

1. Maximum educational discounts should be applied – these equipments will be used for research purposes only.
2. The quotation should have a validity of minimum 60 days.
3. The delivery period should be specifically stated.
4. Warranty period should be mentioned and whether after-sale services are available in India or not. Also, The vendor must be able to provide technical support throughout the warranty period.
5. Quotes should be made options for the following delivery modes

- I. FOB in New York
- II. CIF, New Delhi

6. Taxes should be indicated/mentioned separately
7. Custom excise exemption certificate will be issued by the Institute (IIT Kanpur)
8. Quotation should carry proper certifications like authorization certificate, proprietary certificate, etc. (if applicable).
9. Please mention tender notice number on top of envelop. Within this sealed envelope. please put technical and financial bids separately in two sealed envelopes.

Please send your best offer on or before 02/09/2013 to the address given below.

Mail the quotation to:

Manabendra Chandra  
Assistant Professor  
Department of Chemistry  
Indian Institute of Technology, Kanpur.  
Kanpur-208016, UP, India.

Email: [mchandra@iitk.ac.in](mailto:mchandra@iitk.ac.in)