

**Indian Institute of Technology Kanpur
Department of Electrical Engineering**

Enquiry No.: IITK/EE/SG/2016-17/02

Enquiry Date: 22/11/2016

Closing Date: ~~05/12/2016~~ **Extended: 12/12/2016**

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

S.No.	Item	Description/Specification	Qty
1	Lens Mount Alignment Plate	Alignment Plate for Ø1" Fixed Optic Mounts	2
2	10:90 (R:T) Plate Beamsplitters	Ø1/2" 10:90 (R:T) UVFS Plate Beamsplitter, Coating: 400-700 nm, thickness = 3 mm	2
3	Lens Mount for 1" optics	Lens Mount with Retaining Ring for Ø1" Optics, M4 Tap, Pack of 5	6
4	BiConcave Lens (1)	N-SF11 Bi-Concave Lens, Ø25.4 mm, f = -25.0 mm, AR Coating: 350-700 nm	3
5	BiConcave lens (2)	N-BK7 Bi-Concave Lens, Ø25.4 mm, f = -50.0 mm, AR Coating: 350-700 nm	4
6	BiConcave lens (3)	N-BK7 Bi-Concave Lens, Ø25.4 mm, f = -75.0 mm, AR Coating: 350-700 nm	4
7	BiConcave lens (4)	N-BK7 Bi-Concave Lens, Ø25.4 mm, f = -100.0 mm, AR Coating: 350-700 nm	4
8	Manual XYZ stage 25mm	25 mm travel, XYZ Translation Stage with Standard Micrometers, M6 Taps	1
9	BiConvex lens (1)	N-BK7 Bi-Convex Lens, Ø1", f = 25.4 mm, ARC: 350-700nm	3
10	Biconvex lens (2)	N-BK7 Bi-Convex Lens, Ø1", f = 50.0 mm, ARC: 350-700nm	4
11	Biconvex lens (3)	N-BK7 Bi-Convex Lens, Ø1", f = 75.0 mm, ARC: 350-700nm	4
12	Biconvex lens (4)	N-BK7 Bi-Convex Lens, Ø1", f = 100.0 mm, ARC: 350-700nm	4
13	Laser diode (1)	633 nm, 100mW, 5.6 mm, G Pin	1
14	Laser diode (2)	650 nm, 7mW, 5.6 mm, A Pin	4
15	Laser diode (3)	660 nm, 120mW, 5.6 mm, C Pin	1
16	Manual XYZ stage 13mm	13 mm travel, XYZ Translation Stage with Standard Micrometers, M6 Taps	1
17	Standard retaining rings	SM1 Retaining Ring for Ø1" Lens Tubes and Mounts, Pack of 10	2
18	Diffraction grating	Visible Reflective Holographic Grating, 1800/mm, 25 mm x 25 mm x 6 mm	3
19	Diode collimation tube	Collimation Tube with Optic for Ø5.6 and Ø9 mm Laser Diodes, AR Coated: 650 - 1050 nm	3
20	Strain relief (1)	ESD Protection and Strain Relief Cable, Pin Code A, 3.3 V	1
21	Strain relief (2)	ESD Protection and Strain Relief Cable, Pin Code C, 3.3 V	1
22	Strain relief (3)	ESD Protection and Strain Relief Cable, Pin Code G, 3.3 V	1
23	1 axis motorized stage	25 mm (0.98") One-Axis Motorized Translation Stage, M6 Taps	1
24	Bushing Pairs	POLARIS-K1 Ultra-Fine 1/4"-100 Matched Adjuster / Bushing Pair, Vacuum Compatible, L = 0.75"	4
25	Free-space isolator	Free-Space Isolator, 660 nm, Ø2.7 mm Max Beam, 0.4 W Max	1
26	Slip Ring for Optical Isolators	Ø0.865" Slip Ring for Optical Isolators, M4 Tap	1
27	Plano concave lens (1)	N-BK7 Plano-Concave Lens, Ø1", f = -50.0 mm, AR Coating: 350-700 nm	2
28	Plano concave lens (2)	N-BK7 Plano-Concave Lens, Ø1", f = -75.0 mm, AR Coating: 350-700 nm	2
29	Plano concave lens (3)	N-BK7 Plano-Concave Lens, Ø1", f = -100.0 mm, AR Coating: 350-700 nm	2
30	Plano convex lens (1)	N-BK7 Plano-Convex Lens, Ø1", f = 25.4 mm, AR Coating: 350-700 nm	2
31	Plano convex lens (2)	N-BK7 Plano-Convex Lens, Ø1", f = 50.0 mm, AR Coating: 350-700 nm	2
32	Plano convex lens (3)	N-BK7 Plano-Convex Lens, Ø1", f = 75.0 mm, AR Coating: 350-700 nm	2
33	Plano convex lens (4)	N-BK7 Plano-Convex Lens, Ø1", f = 100.0 mm, AR Coating: 350-700 nm	2
34	Motorized stage controller	K-Cube Brushed DC Servo Motor Controller; Front Panel Velocity Wheel and Digital Display for Controlling Motorized Stages or Actuators	1
35	Halfwave plate	Ø1/2" Mounted Achromatic Half-Wave Plate, Ø1" Mount, 400 - 800 nm	1
36	Quarter wave plate	Ø1/2" Mounted Achromatic Quarter-Wave Plate, Ø1" Mount, 400 - 800 nm	2
37	Polarizing beam splitter (1)	1/2" Polarizing Beamsplitter Cube, 420 - 680 nm	2
38	Polarizing beam splitter (2)	1/2" Polarizing Beamsplitter Cube, 620-1000 nm	1

Terms and conditions:

1. All items **must be** supplied by one manufacturer for compatibility during assembly of the experiment.
2. All the items **must be** in metric unit unless otherwise mentioned.
3. A single quote should be made with financial and technical specifications. The sealed envelopes with the quote should be superscribed with the inquiry number.
4. The manufacturer's specification sheets for the products **must be** enclosed.
5. Quotations should not be an exact copy of the specifications mentioned above.
6. Quotations should have a minimum validity of 60 days.
7. The goods should be delivered no later than 60 days from the day of the placement of the order from, IIT-K. Particular importance will be given for prompt delivery of the goods. The delivery period should be specifically stated.
8. Maximum educational discount should be applied – these products will be used for research as well as to teach and train students.
9. The institute reserves the right of accepting and rejecting any quotation without assigning any reason.
10. The indenter reserves the right to cancel the tender without being answerable.

For delivery to IIT Kanpur

1. Quotes should be made for delivery to IIT Kanpur.
2. IIT Kanpur is exempted from payment of Excise Duty under notification no.10/97.
3. IIT Kanpur is entitled to avail concession rate of sales tax as admissible under Sub-sec 5 of Sec 8.
4. C.S.T Act 1956 applicable to Educational/Research institution in inter-state purchase, if supplied from within India.

Address quotations to**Dr. Shilpi Gupta**

Department of Electrical Engineering
Indian Institute of Technology, Kanpur
Kanpur, UP 208016, India

Email: ShilpiG@iitk.ac.in
Phone: +91-512-679-6231
Fax: +91-512-259-0063