

Indian Institute of Technology, Kanpur
Department of Physics

Enquiry no.: IITK/PHY/91
Enquiry date: 12-June-2017
Closing date: 26-June-2017

Sealed Quotations are invited for the following Opto-mechanical Components for building a quantum entanglement setup:

Sl No.	Item	Description/Specifications	Qty
1	50 mm UV lens	1" UV fused Silica Plano-Convex Lens, SM1-Threaded Mount, $f = 50.0$ mm, Anti-reflection coating: 350 - 700 nm	2
2	200 mm UV lens	1" UV fused Silica Plano-Convex Lens, SM1-Threaded Mount, $f = 50.0$ mm, Anti-reflection coating: 350 - 700 nm	2
3	UV Cylindrical lens $f=75$	1" UV fused silica, mounted, plano-convex, round, cylindrical Lens; anti-reflection coating: 350 - 700 nm	1
4	FC/PC Fiber holder	FC/PC Connectorized Fiber Holder	2
5	3-Axis Stage	3-Axis compact flexure stage with 3 differential micrometers.	2
6	RMS-Threaded Flexure Stage Mount	RMS-Threaded Flexure Stage Mount. (should be compatible to be mounted on item no. 5)	2
7	Adapter for microscope objective	Adapter with External RMS Threads and Internal SM1 Threads	2
8	Bandpass Filter (710 nm)	Bandpass Filter; Center Wave-length = 710 +/- 2 nm, FWHM = 10 nm +/- 2 nm; Min Peak Transmission: 45%	2
9	Cleats with M3 Locking Screws	A set of cleats with M3 Locking Screws (should have at least 15 cleats)	1
10	Dichroic mirror	1" Longpass Dichroic Mirror; transmission: < 0.1% @ 355 nm; >92% @ 710 nm	1
11	SM1 compatible iris	SM1 Lever-Actuated Iris Diaphragm (max iris size ≥ 12 mm)	3
12	Kinematic mount with mirror	Kinematic Mount for 1" optics with broadband dielectric mirror (400-750 nm).	2
13	Broadband Dielectric Mirror, 400 - 750 nm	1" Broadband Dielectric Mirror, 400 - 750 nm	8
14	Compact Kinematic Mirror Mount	Compact Kinematic Mirror Mount, M4 Taps for Post Mounting	4
15	Mirror Holder	Mirror Holder for 1" Optics. Should hold 3.0 - 6.1 mm thick optics. Should be compatible with item no. 16.	4
16	Post (Length = 75 mm)	12.7 mm diameter stainless steel Optical Post, M4 Setscrew, M6 Tap, L = 75 mm, pack of 5	2
17	Post (Length =100 mm)	12.7 mm diameter stainless steel Optical Post, M4 Setscrew, M6 Tap, L = 100 mm, pack of 5	2
18	Duster	Duster with Integrated Nozzle	4
19	goggles	CE certified Laser Safety Glasses. Between 200 nm to 405 nm, the OD should be more than 6. Between 500 nm to 900 nm the OD should be less than 0.5	1

Terms and conditions:

1. Quotations are required in a sealed envelope with enquiry number mentioned on the envelope. Technical specifications along with the extent of compliance should be mentioned.
2. Maximum educational discounts should be applied – this equipment will be used in a laboratory that will support research as well as teach and train students.
3. Quotations must have a validity of a minimum of 60 days.
4. Along with the technical comparison, the manufacturer's specification sheet for the products **must be** enclosed
5. All the products **must be** in metric unit unless otherwise mentioned.
6. For compatibility reasons, item nos. 1-17 **must be** from the same manufacturer.
7. If needed, the supplier/bidder should be able to give a demonstration of the product at IIT Kanpur.

(For delivery to IIT Kanpur)

8. The shipping should be door-to-door up to IIT Kanpur.
9. The quote **must** mention the final total price including everything (shipping, handling, taxes or any other charges)
10. IIT Kanpur is exempted from payment of Excise Duty under notification no.10/97.
11. IIT Kanpur 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, if supplied from within India.

Address the quotations to:

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