Indian Institute of Technology Kanpur Department of Biological Sciences and Bioengineering

Enquiry for multiple microscopy components

Enquiry No.: IITK/BSBE/NG/2016-17/MMC

Enquiry Date: 8/12/2016

Closing Date: <u>19/12/2016</u> (Extended to <u>26/12/2016</u>)

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

1 cable kit Faraday Cage Cable Port Kit 2 2 Rigid Stand with Rigid Stand with Platform Adjustment Height: 198.1 - 309.3 mm 1 3 Construction Post 12.7 mm Optical Construction Post, SS, M4 Taps 10 4 Kinematic Prism Kinematic Prism Mount 8 5 Small Adjustable Clamping Arm Kinematic Prism Mount, Eight M4 Taps 8 6 Magnetic base 91.25 Magnetic Studded Pedestal Base Adapter, M6 Thread 4 7 Unfreaded Mounting Adapter 21.27 mm diameter stainless steel Optical Post, M4 Setscrew, M6 Tap, L = 20 mm, 5 Pack 6 8 Post (Length=20 mm) 12.7 mm diameter stainless steel Optical Post, M4 Setscrew, M6 Tap, L = 30 mm, 5 Pack 12.7 mm diameter stainless steel Optical Post, M4 Setscrew, M6 Tap, L = 30 mm, 5 Pack 11 Post holder (Length - 30 mm) 20.12.7 mm Post Holders, Spring-Loaded Hex-Locking Thumbscrew, L=30 mm, 5 Pack 40 mm) 40 mm, 5 Pack 12 Post holder (Length - 50 mm) 20.12.7 mm Post Holders, Spring-Loaded Hex-Locking Thumbscrew, L=60 mm, 5 Pack 40 mm, 5 Pack 40 mm, 5 Pack 13 Post holder (Length - 50 mm) 67.2.7 mm Post Holders, Spring-Loaded Hex-Locking Thumbscrew, L=50 mm, 5 Pack 40 mm, 5 Pack 40 mm, 5 Pack 14 Post holder (Length - 50 mm) <t< th=""><th>S.No.</th><th>Item</th><th>Description/Specification</th><th>Qty</th></t<>	S.No.	Item	Description/Specification	Qty
Piatform Script Startow With Platform, Adjustment Regist, 19,51 - 3,93, 3 min 1 1 Script Startow Register Register Startow Register Regis	1		Faraday Cage Cable Port Kit	2
4 Mount Kinematic Prism Kinematic Prism Mount, Eight M4 Taps 8 5 Clamping Arm Small Adjustable Small Adjustable Small Adjustable 2 6 Magnetic base Ø1.25" Magnetic Studded Pedestal Base Adapter, M6 Thread 4 7 Jurthreaded Mounting Adapter Ø1.25" Magnetic Studded Pedestal Base Adapter, M6 Thread 4 8 Post (Length=20 mm) Magnetic Studded Pedestal Base Adapter, M6 Thread 4 9 Post (Length=30 mm) Magnetic Studded Pedestal Base Adapter, M6 Thread 4 9 Post (Length=30 mm) Magnetic Studded Pedestal Base Adapter, M6 Thread 4 10 Post (Length=30 mm) Magnetic Studded Pedestal Base Adapter, M6 Tap, L = 20 mm, 5 Pack 4 11 Post folder (Length=90 mm) Magnetic Studded Pedestal Base Adapter, M6 Tap, L = 30 mm, 5 Pack 4 12 Post holder (Length=90 mm) Magnetic Studded Pedestal Base Adapter, M8 Tap, L = 50 mm, 5 Pack 4 13 Post holder (Length=90 mm) Magnetic Studded Pedestal Base Adapter, M8 Tap, L = 30 mm, 5 Pack 4 14 Post holder (Length=90 mm) Magnetic Studded Pedestal Base Adapter, M8 Tap,	2		Rigid Stand with Platform, Adjustment Height: 198.1 - 309.3 mm	1
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Adapter	6		Ø1.25" Magnetic Studded Pedestal Base Adapter, M6 Thread	4
Post (Length=20 mm)	7		Ø1" OD Adapter for Ø1/2" Optic, 0.25" Thick	6
Post (Length=50 mm)	8			4
Post holder (Length	9	Post (Length=30 mm)		4
Post holder (Length = 30 mm, 5 Pack Post holder (Length = 40 mm)	10	Post (Length=50 mm)	12.7 mm diameter stainless steel Optical Post, M4 Setscrew, M6 Tap, L = 50	4
Post holder (Length = 40 mm)	11		Ø12.7 mm Post Holders, Spring-Loaded Hex-Locking Thumbscrew, L=30 mm,	4
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Post holder (Length = 75 mm) 5 Pack 5 Pac	13	Post holder (Length =	Ø12.7 mm Post Holders, Spring-Loaded Hex-Locking Thumbscrew, L=50 mm,	4
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31 2" lens (2) N-BK7 Bi-Convex Lens, Ø2", f = 60.0 mm, ARC: 350-700 nm 2 32 2" mirror Ø2" Broadband Dielectric Mirror, 400 - 750 nm 2 33 2" BS plate Ø2" 50:50 UVFS Plate Beamsplitter, Coating: 400 - 700 nm, t = 8 mm 2 34 Rotation Mount High-Precision Rotation Mount, M6 and M4 Taps 1 35 Angle Clamps (1) Right-Angle Clamp for Ø1/2" Posts, 5 mm Hex, 5 Pack 2 36 Angle Clamps (2) Right-Angle End Clamp for Ø1/2" Posts, M6 Stud and 5 mm Hex, 5 Pack 2 37 Angle Clamps (3) Right-Handed 45° Angle Clamp for Ø1/2" Posts, 5 mm Hex, 5 Pack 2 38 Angle Clamps (4) Left-Handed 45° Angle Clamp for Ø1/2" Posts, 5 mm Hex 10 39 UV/VIS Detector Card wavelength region: 250 - 540 nm; active region dimension: 1.20" x 2.10" (30.5 mm x 53.3 mm) 1 40 VIS/IR Detector Card wavelength region: 400 - 640 nm; 800 - 1700 nmactive region dimension: 1.20" x 2.10" (30.5 mm x 53.3 mm) 2				
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40 VIS/IR Detector Card wavelength region: 400 - 640 nm; 800 - 1700 nmactive region dimension: 1.20" x 2.10" (30.5 mm x 53.3 mm)		, , ,	wavelength region: 250 - 540 nm; active region dimension: 1.20" x 2.10" (30.5	
	40	VIS/IR Detector Card	wavelength region: 400 - 640 nm; 800 - 1700 nmactive region dimension: 1.20"	2
	41	Variable ND Filter:		1

	OD = 0.0-4.0		
42	Piezoelectric	Max Displacement 15 μm, 6.5 x 6.5 x 18 mm	3
42	actuators(1)		3
43	Base Plate	for mounting translation stages; Contains Four 1/4" (M6) Counterbored Slots for Imperial and Metric Compatibility	2
44	Continuous Rotation Mount for Ø1" Optics	Rotation Mount for Ø1" Optics, M4 Tap; Retaining ring included	6
45	Power supply	15 V, 2.4 A Power Supply Unit for One K-Cube or T-Cube	1
46	Motor extension cable	APT DC Servo Motor Cable for Z8 Motors, DE15 Male to DE15 Female, 2.5 m	1
47	Iris 12 mm	Post-mounted iris, 0 to 12 mm aperture	6
48	Alignment Disk	SM1 Series Alignment Disk	2
49	VIS/IR Fluorescing Alignment Disks (Unmounted)	Ø1" VIS and IR Alignment Disk (400 - 640, 800 - 1700 nm)	2
50	Clamping Fork	Short Clamping Fork, 1.24" Counterbored Slot, Universal, Pack of 5	6
E4	Studded Pedestal	COAL Committee of the dead of Dedastal Dags Adapter, MC Thread	20
51	Base Adapter	Ø31.8 mm Studded Pedestal Base Adapter, M6 Thread	30
52	Lens tube (1)	Ø1" stackable lens tube,1" thread depth, one retaining ring included, 5 pack	2
53	Lens tube (2)	SM1 Lens Tube, 0.50" Thread Depth, One Retaining Ring Included, 5 pack	2
54	Lens tube (3)	SM1 Lens Tube, 2.00" Thread Depth, SM1RR Retaining Ring, 5 Pack	2
55	Lens tube (4)	SM1 Lens Tube, 3.00" Thread Depth, One Retaining Ring Included	5
56	lens tube (5)	SM1 Lens Tube, 4.00" Thread Depth, One Retaining Ring Included	5
57	Iris Diaphragm (2)	Post-mounted iris, 0 to 25 mm aperture	6
58	Slip-on post collar	½" slip on post collars	30
59	Precision pinhole (1)	Ø1" Mounted Precision Pinhole, 50 ± 3 µm Pinhole Diameter	2
60	Precision pinhole (2)	Ø1" Mounted Precision Pinhole, 100 ± 4 µm Pinhole Diameter	2
61	Piezoelectric actuator(2)	Piezoelectric Actuator, Max Displacement 4.6 μm, 3.5 x 4.5 x 5 mm	3
62	ND filter; OD=2.0	Reflective 25 mm diameter Neutral density filter; Mounted in a 1" threaded mount; Optical Density: 2.0	1
63	ND filter; OD=4.0	Reflective 25 mm diameter Neutral density filter; Mounted in a 1" threaded mount; Optical Density: 4.0	1
64	ND filter; OD=0.5	Reflective 25 mm diameter Neutral density filter; Mounted in a 1" threaded mount;Optical Density: 0.5	1
65	ND filter; OD=1.0	Reflective 25 mm diameter Neutral density filter; Mounted in a 1" threaded mount;Optical Density: 1.0	1
66	Broadband Dielectric Mirrors	10 Pack of Ø1" Broadband Dielectric Mirrors, 400-750 nm	2
67	Kinematic mirror Mount (unthreaded 1")	Mount for 1" diameter Optics. Hardened Steel Inserts. Phosphor Bronze Bushings and Stainless Steel Lead Screws. Fabricated from Black Anodized Aluminum	20
68	Fiber Light Source	High-Intensity Fiber-Coupled Illuminator with 91 cm (36") Long Fiber Bundle	1
69	Gooseneck Y-Bundle	Gooseneck Y-Bundle for OSL2 Fiber Light Source, 51.69 cm (20.35") Legs	1
70	3200 K Replacement Bulb	3200 K Replacement Bulb for OSL2, 1000 Hour Lifetime	5
71	Adapter	SM1-Threaded Adapter for Ø8 mm Cylindrical Components	2
72	Longpass filter (1)	Ø25 mm OG570 Colored Glass Filter, 570 nm Longpass	2
73	Longpass filter (2)	Ø25 mm RG645 Colored Glass Filter, 650 nm Longpass	1
74	Longpass filter (3)	Ø25 mm RG695 Colored Glass Filter, 695 nm Longpass	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 <u>single quote</u> 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 <u>must be</u> 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. <u>Maximum educational discount</u> 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

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Lab-14

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