



August 27, 2013

Enquiry No : IITK/CHM/DG/13-14/23  
Last Date: 6<sup>th</sup> September, 2013

Enquiry Date: August 27, 2013

**Subject: Request for Quotation for ‘Lab Optomechanical Components for Optical Tweezer & Microscope’**

Dear Sir,

Please send sealed Quotation(s) with all technical details of:

Serial No.	Name	Quantity	Specification
1	45° Optic Mount	6	<ul style="list-style-type: none"> <li>➤ 45° Mirror Holder for 1" Mirror</li> <li>➤ Kinematic Mirror Mounts</li> <li>➤ Round Shape</li> <li>➤ Compatible with Olympus IX71 Microscope</li> </ul>
2	12.7 mm x 40 mm Stainless Steel Optical Post	10	<ul style="list-style-type: none"> <li>➤ 12.7 mm x 40 mm Stainless Steel Optical Post</li> <li>➤ M4 Stud, M6 Tapped Hole</li> <li>➤ Compatible with Olympus IX71 Microscope</li> </ul>
3	12.7 mm x 50 mm Stainless Steel Optical Post	10	<ul style="list-style-type: none"> <li>➤ 12.7 mm x 50 mm Stainless Steel Optical Post</li> <li>➤ M4 Stud, M6 Tapped Hole</li> <li>➤ Compatible with Olympus IX71 Microscope</li> </ul>
4	12.7 mm x 75 mm Stainless Steel Optical Post	5	<ul style="list-style-type: none"> <li>➤ 12.7 mm x 75 mm Stainless Steel Optical Post</li> <li>➤ M4 Stud, M6 Tapped Hole</li> <li>➤ Compatible with Olympus IX71 Microscope</li> </ul>
5	40 mm Post Holder	10	<ul style="list-style-type: none"> <li>➤ Post Holder with Spring-Loaded Hex Locking Thumbscrew, L = 40 mm</li> <li>➤ (M6) Tapped Hole on Bottom</li> <li>➤ Compatible with Olympus IX71 Microscope</li> </ul>



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Department of Chemistry & Centre for Lasers & Photonics

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6	50 mm Post Holder	10	<ul style="list-style-type: none"> <li>➤ Post Holder with Spring-Loaded Hex Locking Thumbscrew, L = 50 mm</li> <li>➤ (M6) Tapped Hole on Bottom</li> <li>➤ Compatible with Olympus IX71 Microscope</li> </ul>
7	75 mm Post Holder	10	<ul style="list-style-type: none"> <li>➤ Post Holder with Spring-Loaded Hex Locking Thumbscrew, L = 75 mm</li> <li>➤ (M6) Tapped Hole on Bottom</li> <li>➤ Compatible with Olympus IX71 Microscope</li> </ul>
8	Post Holder Bases	30	<ul style="list-style-type: none"> <li>➤ Bottom-Located Counter bores for (M6) Cap Screws</li> <li>➤ Mounting Base, 1" x 2.3" x 3/8"</li> <li>➤ Compatible with Olympus IX71 Microscope</li> </ul>
9	SM1-Threaded Rotation Mount for 1/2" Optics	2	<ul style="list-style-type: none"> <li>➤ SM1-Threaded Rotation Mount for 1/2" Optics</li> <li>➤ One SM05RR Retaining Ring Included</li> <li>➤ Compatible with</li> </ul>
10	Slip-On 1/2" Post Collar	10	<ul style="list-style-type: none"> <li>➤ Constrain 1/2" Post Height</li> <li>➤ Slips On to Side of Post</li> <li>➤ Compatible with Olympus IX71 Microscope</li> </ul>
11	Photomultiplier Modules	1	<ul style="list-style-type: none"> <li>➤ Photocathode Type: Multialkali</li> <li>➤ Photocathode Geometry: Head-On</li> <li>➤ Photocathode Active Diameter 22 mm</li> <li>➤ Wavelength Range: 280 - 850 nm</li> <li>➤ Gain (Max): <math>3.1 \times 10^6</math></li> <li>➤ Peak: 420 nm</li> <li>➤ Bandwidth (6 dB): 0-20 kHz</li> <li>➤ Operating Temperature 5 to 55°C</li> </ul>
12	SMA Male to BNC Male Cable	1	<ul style="list-style-type: none"> <li>➤ SMA Male to BNC Male</li> <li>➤ SMA Coaxial Cable</li> <li>➤ 48" length</li> <li>➤ Compatible with Photomultiplier Modules</li> </ul>



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13	1" UVFS Hot Mirror	2	<ul style="list-style-type: none"> <li>➤ 1" UVFS Hot Mirror</li> <li>➤ AOI: 45°</li> <li>➤ 5 mm Thick</li> <li>➤ Compatible with Olympus IX71 Microscope</li> </ul>
14	12.7 mm x 30 mm Stainless Steel Optical Post	10	<ul style="list-style-type: none"> <li>➤ 12.7 mm x 30 mm Stainless Steel Optical Post</li> <li>➤ M4 Stud, M6 Tapped Hole</li> <li>➤ Compatible with Olympus IX71 Microscope</li> </ul>

Please send your technical and commercial offer on or before 6<sup>th</sup> September, 2013, to the following address:

Prof. D. Goswami  
Department of Chemistry  
Centre for Lasers & Photonics  
IIT Kanpur  
Kanpur- 208016  
India

Thanking you,

Regards,

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Dr. D. Goswami  
Professor  
Dept. of Chemistry  
IIT Kanpur