



INDIAN INSTITUTE OF TECHNOLOGY KANPUR
Department of Chemistry & Laser Technology Program

Dr. Debabrata Goswami, Professor

Post Office - I.I.T, Kanpur - 208016 (India)

August 14, 2012

Enquiry No : *EAM/DG/2012-13/11 DT-14/08/12*
Last Date: 21st August, 2012 *extended upto 26th Aug. 2012*

Subject: Request for Quotation for 'Lab optics'

Dear Sir,

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

Serial No.	Name	Quantity	Specification
1	UV Enhanced Aluminum Mirror	10	<ul style="list-style-type: none"> ➤ Round shape ➤ UV Enhanced Aluminum Mirror ➤ Diameter 1.0 in. (25.4 mm) ➤ Coating : UV Enhanced Aluminum ➤ Wavelength Range 250 to 600 nm ➤ Reflectivity >90% @ 250-600 nm
2	Protected Silver Mirror	20	<ul style="list-style-type: none"> ➤ Round Shape ➤ Protected Silver Mirror ➤ Diameter 1.0 in. (25.4 mm) ➤ Coating: Protected Silver ➤ Wavelength Range 480 to 20000 nm ➤ Reflectivity Ravg>96%, Rmin>93% @ 480-1100 nm; Ravg>98.5%, Rmin>97% @ 1.1-20 μm
3	Protected Gold Mirror	40	<ul style="list-style-type: none"> ➤ Round Shape ➤ Protected Gold Mirror ➤ Diameter 1.0 in. (25.4 mm) ➤ Coating: 650-20,000nm (Gold) ➤ Wavelength Range 650 to 20000nm ➤ Reflectivity Ravg>96%, Rmin>92% @ 650-1700 nm Ravg>98%, Rmin>96% @ 1.7-20 μm
4	Broadband Dielectric Mirror, Near IR Spectrum	20	<ul style="list-style-type: none"> ➤ Round Shape ➤ Broadband Dielectric Mirror ➤ Diameter 1.0 in. (25.4 mm)



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			<ul style="list-style-type: none"> ➤ Coating: Broadband Dielectric ➤ Wavelength Range 700 to 950 nm ➤ Reflectivity $R_s > 99\%$, $R_p > 98\%$ @ 700-950 nm
5	Quick-Mount Linear Stage, 13mm XYZ Travel	1	<ul style="list-style-type: none"> ➤ Axes of Travel: X, Y, Z ➤ Travel 0.50 in. (12.7 mm) ➤ Load Capacity 15 lb (67 N) ➤ Bearings Ball Bearings ➤ Thread Type M6 ➤ Load Capacity, Vertical 5 lb (22 N) ➤ Precision High
6	Precision XY Optic Positioner	2	<ul style="list-style-type: none"> ➤ Resolution: 0.1 μm ➤ Travel Range, X Axis ± 2 mm ➤ Travel Range, Y Axis ± 2 mm ➤ Adjustments x, y
7	Microscope Objective Holder	5	<ul style="list-style-type: none"> ➤ Thread Type: 8-32 and M4 ➤ Adjustments: Fixed
8	Gimbal Clear Edge Optical Mount	10	<ul style="list-style-type: none"> ➤ Optic Diameter 1.0 in. (25.4 mm) ➤ Mechanism Gimbal ➤ Drive Type Knob ➤ Adjustments z, 0x, 0y ➤ Special Features Clear Edge ➤ Angular Range $\pm 5^\circ$ ➤ Thread Type 8-32 (M4) CLR ➤ Translation 0.38 in. (9.7 mm)
9	Broadband Hollow Retroreflector	4	<ul style="list-style-type: none"> ➤ Type Hollow Retroreflector ➤ Wavelength Range: 650 to 12000 nm ➤ Reflectivity $> 94\%$ @ 650-12000 nm ➤ Diameter: 63.5 mm ➤ Coating: 650-12,000nm
10	90 Degree Angle Bracket	4	<ul style="list-style-type: none"> ➤ rigid 90° angled metric mounting plate with slotted faces ➤ Compatible with Hollow Retroreflector



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11	Angle Plate	2	<ul style="list-style-type: none"> ➤ 90° Angle Plate ➤ Thread Type M6 Thru Slots, M4 and M6 Threads ➤ Length 2.38 in. (60.4 mm) ➤ Width 2.75 in. (69.8 mm) ➤ Height 3.25 in. (82.6 mm)
12	Optical Pedestal Sliding Clamp	6	<ul style="list-style-type: none"> ➤ 25.4 mm Diameter Pedestal ➤ M4 Thread

Please send your technical and commercial offer on or before 21st August, 2012, to the following address:

Prof. D. Goswami
Department of Chemistry
IIT Kanpur
Kanpur- 208016
India

Offers can also be sent via email to: dgoswami@iitk.ac.in

Thanking you,

Regards,

Dr. D. Goswami
Professor
Dept. of Chemistry