

Indian Institute of Technology Kanpur
Center for Lasers and Photonics
Department of Mechanical Engineering

Enquiry Number: CELP/KMD/INST/03

Dated: August 31, 2013

Opening date: September 2nd, 2013 at 4:00 PM

Closing date: September 9th, 2013 at 5:00 PM

Sealed quotations are invited for the supply of “Circular plate beam splitter and mirror” with the following specification:

Specifications:

I] Circular plate beam splitter

1. Diameter: 150 mm (should fit the existing optical mount)
2. Thickness: 12.5 mm (tolerance ± 0.38 mm)
3. Material: UV Grade Fused Silica or equivalent
4. Nominal R (reflection)/T (transmission) ratio: 50/50
5. Wavelength range: 400- 700 nm (for use with argon-ion and helium-neon lasers)
6. Angle of incidence: 45°
7. Antireflection coating is required
8. Clear aperture: > central 80% of diameter
9. Chamfers: 0.38-1.14 mm face width (optional)
10. Wedge: 30 \pm 15 arc min
11. Surface quality: $\lambda/4$ or better for the wavelength orange of interest

II] Circular plate mirror

1. Diameter: 150 mm (should fit the existing the optical mount)
2. Thickness: 12.5 mm (tolerance ± 0.38 mm)
3. Material: UV Grade Fused Silica or equivalent
4. Reflectivity: > 99% over 400- 700 nm (for use with argon-ion and helium-neon lasers)
5. Wavelength range: 400- 700 nm (argon-ion and helium-neon lasers)
6. Angle of incidence: 45°
7. Antireflection coating is required
8. Clear aperture: > central 80% of diameter or better
9. Chamfers: 0.38-1.14 mm face width (optional)
10. Surface quality: $\lambda/4$ or better for the wavelength orange of interest

“Both optical components will be used for research based on laser interferometry”.

Terms and conditions:

- Technical and financial details should be in separate envelope.
- Maximum educational discounts should be applied
- Validity of quotation should be at least for 60 days.
- Price should be on FOR IIT Kanpur & should include the installation and training cost.
- Institute is exempted for payment of Excise Duty under notification No. 10/97.
- Warranty/Guarantee should be clearly mentioned.
- Normal payment terms for the institute will be applicable (90% on delivery of the items and remaining 10% after satisfactory installation/inspection).
- Quotation should carry proper certifications like agency certificate, proprietary certificate, etc.
- The delivery should be specifically stated. Earlier delivery may be preferred.
- The indenter reserves the right to withhold placement of final order. The right to reject all or any of the quotations and to split up the requirements or relax any or all of the above conditions without assigning any reason is reserved.

Kindly send the quotation (in duplicate) in sealed envelope to the following address.

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