



DEPARTMENT OF APPLIED OPTICS AND PHOTONICS

University of Calcutta

Tender No.: AOP/RGRL/KP/1/19-20

Dated: 26/12/19

Quotations in sealed envelopes are invited from reputed parties for supply of the following items for research purposes of the department.

Sl. No.	Component	Qty.	Specifications
1	Mounted pin-hole	4	Construction: Stainless Steel Fixed Aperture Diameter (μm): 25 Aperture Tolerance (μm): ± 5 Diameter of Mount (mm): 25.0 +0.4/-0.000 Thickness (mm): 0.01 Nominal Mount Thickness (mm): 1.25 ± 0.05
2	Wire-grid cube polarizing beam splitter	1	Transmission (%): $T_p > 72\%$ @ 450nm, $T_p > 75\%$ @ 550nm, $T_p > 78\%$ @ 650nm Extinction Ratio: 1100:1 @ 450nm, 2000:1 @ 550nm, 3000:1 @ 650nm Efficiency ($T_p * R_s$): $> 62\%$ @ 450nm, $> 65\%$ @ 550nm & 650nm Dimensions (mm): 20.0 x 20.0 x 20.0 ± 0.3 Wavelength Range (nm): 400 nm – 700 nm Substrate: N-BK7, Type: Linear Polarizer Construction: Wire Grid Clear Aperture (%): 20 mm
3	Pellicle beam splitter	1	Diameter (mm): 34.90 Reflection/Transmission Ratio (R/T): 40/40 $\pm 3\%$ Wavelength Range (nm): 400 - 700 Coating: Metal/Dielectric Clear Aperture CA (mm): 25.4 Housing: Black Anodized Aluminum Index of Refraction n_d: 1.5 Thickness (μm): 2 +0.3/-0.0
4	Microscope objective	1	Type: Achromatic infinity corrected Numerical aperture: 0.85 Magnification: 60X

Complete quotation (of all items, not parts) with necessary documents should be addressed to

Head, Department of Applied Optics & Photonics Technology Campus, JD-2, Sector -III, Salt Lake, Kolkata-700 106

and submitted within 7 days from the date of publication of this tender document.