

**Department of Optoelectronics, University of Kerala, Kariavattom,
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Quotation Notice

OPTO/P-12/2021-22

Quotations are invited for the purchase of the following items in the Department

ITEM – OPTOMECHANICAL COMPONENTS

1. Laser Jack(Manual)

- Length :50 -70cm
- Breadth :30cm
- Loadcapacity :30 kg or above
- Heightadjustment :20 cm above

2. High Energy Nd:YAG Laser Mirror with mount (532 & 1064 nm)

- Quantity 4
- WavelengthRange : 532 & 1064nm
- MirrorShape :Round
- Diameter : 25.4mm
- Material : UV Grade FusedSilica
- CoatingType : Ultra-hardDielectric
- SurfaceFlatness : $\lambda/10$ at 632.8nm
- Wedge : ≤ 3 arcmin
- ClearAperture : \geq central 80% of diameter
- Reflectivity : $R_s > 99.7\%$, $R_p > 99\%$ @ 1064 and 532 nm
- Thickness : 6.35mm
- DamageThreshold : 0.8 GW/cm^2 , 8 J/cm^2 @1064 nm, 20ns, 20Hz
- With compatible kinematic mirror mount (3 locking knobs), Post (5 inch), Post holder (5 inch) and base (M6screws)

3. High Energy Nd:YAG Laser Mirror with mount (354.7 nm)

- Quantity 2
- WavelengthRange : 354.7nm
- MirrorShape :Round
- Diameter : 25.4mm
- Material : UV Grade FusedSilica
- CoatingType : Ultra-hardDielectric
- SurfaceFlatness : $\lambda/10$ at 632.8nm
- Wedge : ≤ 3 arcmin
- ClearAperture : \geq central 80% of diameter
- Reflectivity : $R_s > 99.7\%$, $R_p > 99\%$ @ 354.7nm
- Thickness : 6.35mm

- DamageThreshold : 0.3 GW/cm², 3.5 J/cm² @ 354.7 nm, 10ns, 20Hz
- With compatible kinematic mirror mount (3 locking knobs), Post (5 inch), Post holder (5 inch) and base (M6screws)

4. UV Fused Silica Plano Convex Lens – EFL 100mm

- Quantity : 2
- LensShape : Plano-Convex
- Diameter : 25.4mm
- LensMaterial : UV FusedSilica
- AntireflectionCoating : Uncoated
- SurfaceFlatness : $\lambda/8$
- Effective FocalLength(EFL) : 100mm

5. UV Fused Silica Plano Convex Lens – EFL 200mm

- Quantity : 2
- LensShape : Plano-Convex
- Diameter : 25.4mm
- LensMaterial : UV FusedSilica
- AntireflectionCoating : Uncoated
- SurfaceFlatness : $\lambda/8$
- Effective FocalLength(EFL) : 200mm

6. UV Fused Silica Plano Convex Lens – EFL 250mm

- Quantity : 2
- LensShape : Plano-Convex
- Diameter : 25.4mm
- LensMaterial : UV FusedSilica
- AntireflectionCoating : Uncoated
- SurfaceFlatness : $\lambda/8$
- Effective FocalLength(EFL) : 250mm

With compatible lens mount, Post (5 inch), Post holder (5 inch) and base (M6 screws)

The price may clearly indicate installation, applicable tax, packing, forwarding and handling charges separately. **Please quote the rate in INR only and University can issue essentiality and DSIR certificate for the purchase @ 5% GST.**

The firms wish to supply the item are requested to submit the quotation in sealed cover to the undersigned not later than 4:30pm on 30.12.2021. Quotations will be opened at 10:30am on next working day (31.12.2021) in the presence of the suppliers or their authorized agents.

17.12.2021

Sd/-
Professor & Head