Quotation Notice

Quotation invited for the following items with below mentioned specifications.

**Item No.1:** BK 7 High reflection mirror (Back Mirror) with 25 mm diameter, 6mm thickness and laser damage threshold >15 J/cm² with reflectivity 99.98 % at 1064 nm (Total 4 nos.) with suitable mechanical mounts.

**Item No.2:** BK 7 Output Coupler mirror with 25 mm diameter , 6 mm thickness and laser damage threshold >15 J/cm² with different reflectivities namely 95%, 90 %, 85 %, 80 %, 75 % at 1064 nm (Total 5 nos.) with suitable mechanical mounts.

**Item No.3:** BK7 45° rectangular mirror of 25 mm diameter and 2 mm thickness with high reflectivity at 808 nm and angle of incidence= 45°, high transmission at 1064 nm and angle of incidence= 45° (Total 4 nos.) with suitable mechanical mounts.

**Item No.4:** BK7 45° rectangular mirror of 25 mm diameter and 2 mm thickness with high reflectivity at 1064 nm and angle of incidence= 45°, high transmission at 808 nm and angle of incidence= 45° (Total 4 nos.) with suitable mechanical mounts.

**Item No.5:** Nd: YAG rod of 5 mm diameter and 16mm length (with heat sink for water cooling) with different Nd concentrations namely 0.6 %, 0.75 %, 0.7 %, 0.8 %, 0.85 %, 0.9 %, 0.95 % (Total 7 nos.)

**Item No.6:** BK7 Plano convex lens of 25.4 mm diameter, AR at 808 nm and laser damage threshold >15 J/cm² with various focal lengths namely 25mm (8 nos.), 20 mm (8 nos.) and 50 mm (8 nos.) with suitable mounts.

**Item No.7:** BK7 Plano convex lens of 25.4 mm diameter, AR at 976 nm and laser damage threshold >15 J/cm² with various focal lengths namely 25mm (8 nos.), 20 mm (8 nos.) and 50 mm (8 nos.) with suitable mounts.

**Item No.8:** Brewster Window with aperture of 3 mm (2 nos)

**Item No.9:** Semiconductor Saturable Absorber Mirror (SESAM)(2 nos) for passive mode locking.

**Item No.10:** IR Diffuser Plate (material glass) with laser damage threshold >15 J/cm² and 5 cm diameter (Total 3 nos).

**Item No.11:** Plano Convex lens: Qty 3Nos, Material : BK7 Diameter: 8 mm, Focal Length: 10 mm, AR@976nm, @1064nm, LDT: 15 Joule/cm²

**Item No.12:** Plano Convex lens: Qty 3Nos, Material : BK7 Diameter: 6 mm, Focal Length: 8 mm, AR@976nm, @1064nm, LDT: 15 Joule/cm²

**Item No.13:** Plano Convex lens: Qty 3Nos, Material : BK7 Diameter: 10 mm, Focal Length: 15 mm, AR@976nm, @1064nm, LDT: 15 Joule/cm²

**Item No.14:** Dichroic Mirror: Qty 2Nos., Material: BK-7,Dia: 25.4mm, Thickness: 6mm, Angle of incidence (AOI)- Zero degree, S1-HR>99.9%@1062nm, S2-HT>99.5%@976 nm, LDT: 15 Joule/cm²

The firms who wish to supply the items are requested to submit the quotation in sealed cover to the undersigned on or before 05.02.2014.

21.01.2014.

[Signature]

Professor & Head

[Stamp]

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