

PI No. CELT/IMP/2011-12/PKP/NR/09      date : 18.01.2012

## **Technical Specification for Laser Micro Machining System**

**Pulse Energy:** > 0.8 mJ @ 1 kHz

**Pulse Width:** < 250 fs

**Wavelength:** 700 – 800 nm

**Wavelength bandwidth:** 10 nm

TEM00 Mode

**Beam divergence:** < 100 micro radian

$M^2$  : < 1.5

**Polarization ratio:** Linear

**With Galvo System**

**XYZ automatic traverse resolution** ~ 10 nm

**Note:** Any other micro fabrication system with glass based fabrication capability for optofluidics applications is also welcome.

**Last date of sending quotation:** 25<sup>th</sup> January 2012

**Send your Quotation to:**

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