

Enquiry No: DP/JRK/01-2013-14 dated: September 6, 2013

Closing Date: September 16, 2013

Dear Sir/Madam:

Quotations are invited for purchase of "**Laser Engraver**" having following specifications:

- 1 Laser Type: Solid State Pulsed Ytterbium Fiber Laser (air cooled)
- 2 Laser Power 50 watts pulsed
- 3 Wavelength 1062 nm
- 4 Mode of Operation: Pulsed 20-80 kHz
- 5 Frequency: 50 to 100 kHz
- 6 Beam Quality $M^2 < 1.1$
- 7 Focal Length: less than 4"
- 8 Marking Area: 30" * 20"
- 9 Maximum Material Thickness: 10 to 14"
- 10 Operating Modes: Optimized raster, vector or combined modes
- 11 Motion Control System: High speed, continuous loop DC servomotors using linear and rotary encoding technology for precise positioning **with 1200 dpi resolution and print interface: 10 Base-T Ethernet or USB connection, compatible with Windows XP/Vista/7**

Terms & Conditions:

1. Maximum educational discount, if any should be offered
2. Prices should be on FOB basis, IIT-Kanpur and Final, no further discount.
3. Prices should include the installation and training cost.
4. Warranty should at least be for three years after installation.
5. Validity of quotation should be at least for 60 days
6. Quotation should carry proper certifications like agency certificate, proprietary certificate, etc
7. Any other charges from your side should be specified

Sealed Quotation in two bid system (Technical & Commercial in separate envelopes) must reach to us till 16/9/2013 before 5.00PM and should be sent to

J.Ramkumar
Room no. NL 115
Mech Engg Dept,
IIT Kanpur -208016