

**Request for quotations for CNC LATHE to be installed at IIT Punjab at  
Roopnagar, Punjab to be submitted by 26<sup>th</sup> February 2009**

CNC LATHE (1 No) with FANUC/SINUMERIC CNC system  
with following minimum specifications

- Turning diameter 125 mm or more
- Turning length 200 mm or more
- Feed rates 10 m/min or more with minimum 5  $\mu$ m resolution in both the directions
- Tailstock with external rotating center
- Minimum 8 station bidirectional tool turret with minimum set of standard tools.
- AC spindle drive with minimum of 3.5 kW power continuous rating; spindle speed up to 4000 rpm
- Hydraulic 3 Jaw power operated high speed chuck  $\text{\O}125\text{mm}$  or more and hollow power chucking cylinder  $\text{\O}25\text{mm}$  bar capacity or more
- Air condition unit for control cabinet
- Automatic Lubrication system
- Communication ports RS232C/USB
- All necessary electrical accessories with voltage stabilizer

**Additional notes on submitting quotations**

1. The quotation should be valid up to March 31<sup>st</sup> 2009.
2. Please quote prices for CIF IIT Punjab at Roopnagar, Punjab. The quote should include all taxes and freight charges applicable.
3. Payment will be made against delivery.
4. Indicate preparation and facilities needed to install the machine.
5. Minimum on-site warranty of one year.
6. Please send quotations in sealed covers to Prof. S.Mukherjee, Department of Mechanical Engineering, IIT Delhi, New Delhi 110016. Use separate clearly marked covers for each machine.