

INDIAN INSTITUTE OF TECHNOLOGY KANPUR
DEPARTMENT OF AEROSPACE ENGINEERING
FLIGHT LABORATORY

No. IITK/AE/FL-48/13/02

Date: 13th Feb. 2013

Subject : Quotation for Lathe Machine & Milling Machine

Sealed quotation by post/courier are invited for Lathe & Milling Machine as per the attached list alongwith your complete terms and conditions. Your quote should be valid for minimum 90 days and must reach this office by 20-02-2013 superscribing our inquiry reference.

The quotation should be sent at the address give below:

SENIOR AIRCRAFT MAINTENANCE ENGINEER
FLIGHT LABORATORY
DEPARTMENT OF AEROSPACE ENGINEERING
I.I.T. KANPUR – 208016 (U.P.)

Thanking you,

Yours sincerely,

(VIPUL MATHUR)
Sr. AME
Flight Lab.
Deptt. of Aerospace Engineering
IIT, Kanpur

1. HIGH SPEED PRECISION LATHE MACHINE NH 32/2000 STRAIGHT BED, A2- 8/80 mm SPINDLE NOSE, ALONG WITH STANDARD ACCESSORIES AND FULL PACKING.

OR EQUIVALENT

SPECIAL ACCESSORIES

- A. 3 jaw self centering chuck dia 250 mm with one set of hardened jaws reversible for internal and external chucking (Min clamping dia: 14 mm)
- B. 3 jaw self centering chuck dia 250 mm (Minimum clamping dia: 5 mm)
- C. Universal face plate dia 550 mm.
- D. Swarf tray and coolant equipement.
- E. Splash guard
- F. Rotating centre with MT5 shank.
- G. Machine lamp 24 V without bulb.
- H. Steady rest 8-145 mm.
- I. Follow rest 8-80 mm.
- J. Change gears for DP threads.
- K. Longitudinal stop.
- L. Taper turning attachment
- M. Star delta starter
- N. 4 jaw Independent Chuck dia 250 mm with one set of hardened jaws reversible for internal and external chucking (Minimum clamping dia : 14 mm)

2. TURRET RAM TYPE MILLING MACHINE TRM 5V OR EQUIVALENT

DESCRIPTION

- A. Machine vice with swivel base 200 mm.
- B. Self centering vice 10-80 mm
- C. Coolant equipment with pump & motor
- D. Slotting attachment
- E. Horizontal Milling attachment with draw bolt & Arbor support bracket (ISO 40)
- F. Angle plate and sine table
- G. Universal Dividing head 135 mm with supporting block & train of gears
- H. Height adjustable Tailstock 130/250 mm
- I. 3 jaw self centering chuck dia 160 mm
- J. Machine lamp for 220 volts without bulb
- K. Collect holder ISO 40
- L. Reduction sleeve type B ISO 40/ MT 1
- M. Reduction Sleeve type B ISO 40/ MT 2
- N. ISO 40 End Mill Holder dia 5,6,8,10,12,16,20 & 25 mm (1 set)
- O. ISO 40 Stub milling Arbor dia 13x12/25
- P. ISO 40 Stub milling Arbor dia 16x17/25
- Q. ISO 40 Stub milling Arbor dia 22x19/25
- R. ISO 40 Stub milling Arbor dia 27x21/25
- S. ISO 40 Stub milling Arbor dia 32x24/25
- T. ISO 40 Stub Arbor dia 16 with L H (Left Hand or RH (Right Hand) thread (Customer to opt)
- U. ISO 40 Stub Arbor dia 22 with LH (Left Hand) or RH (Right Hand) thread (Customer to opt)
- V. ISO 40 Stub Arbor dia 27 with LH (Left Hand) or RH (Right Hand) thread (Customer to opt)
- W. ISO 40 Stub Arbor dia 32 with LH (Left Hand) or RH (Right Hand) thread (Customer to opt)
- X. Cros travel stops
- Y. ISO 40 Boring Head 0-10 mm
- Z. ISO 40 Boring Head 0-15 mm
- AA. Hand operated round table dia 250 mm
- AB. Foundation bolts & leveling wedges (per set)