

**Mechanical Engineering Department  
Indian Institute of Technology Delhi**

Dated: 28/10/2013

**NOTICE INVITING QUOTATIONS (NIQ)**

Quotations are invited for the purchase of CNC milling machine for specific research and development work. The technical specifications of the same are as given below.

Sr. No.	Items	Specification
1	Control system	PLC based
2	Spindle speed (continuous variable)	50-3500 rpm
3	Table (with T-slots) dimension (length X width)	600 X 300 mm (approx.)
4	Clamping area	450 X 150 mm (approx.)
5	Position accuracy/resolution	15-25/ 1-2 (micron)
6	X, Y,Z- axis drive	Servo motor operated
7	X- axis travel	250-350 mm
8	Y- axis travel	150-250 mm
9	Z- axis travel	250-350 mm
10	Spindle power	1.5-3 HP
11	Rapid travel	1500-2500 mm/min
12	Distance from spindle (nose to table top)	25-300 mm
13	Tool & Fixture & Accessories	Machine vice, holder and collet, end mill cutter 2,4,5,6,8,10 mm each. Slot drill 4,5,6,8,10,12 mm each.

The quotations should be submitted in sealed envelope (technical and commercial bids separately) to ME office/stores/undersigned latest by 18/11/2013 5.00 p.m. In case your item is proprietary; please submit a certificate along with the quotation. Please subscribe the envelope with "CNC MILLING MACHINE-IDM Lab."



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