

Rajagiri School of Engineering and Technology Kochi
Dept. Of Mechanical Engineering

Notice inviting quotation

Competitive quotations including all transportation cost are invited for the supply of following Machines to our Machine Tool Lab. Items should be delivered at our lab. The quotation along with catalogs, specifications should reach the undersigned on or before 31/12/2012. The list of equipments with our required specification is given below. The warranty period, taxes, insurances and all other charges must be mentioned clearly in your quotation.

Sl No.	Name of Machine	Qty.	Required Specification & Features
1	Lathe	16	Centre Height 175 to 200 mm Admit between centre 750 to 1000 mm. 6" - 3jaw chuck Swing over dia 160 to 200 mm All geared head stock with hardened and precision gears Induction hardened guide ways, Foot break, coolant system and chuck guard with limit switch Rear splash guard, Machine Lamp, Suitable motor with F/ R switch 4 Jaw chuck 8" : 1 Taper turning attachment : 1 Steady rest : 1 Follower rest : 1 Face plate : 1 Revolving centre : 1
2	Radial drilling Machine	1	Drilling capacity in steel maximum 40mm. Threading in steel M 28, Spindle stroke 275 to 300 mm. Range of Spindle speed 60 to 2700 rpm, No. of spindle speed 4-6-8 Range of spindle feeds 0.1 to 1 mm / rev. Range spindle motor 2 HP -5 Hp 1440 rpm Min/ Max distance between spindle and column ≈ 250/900 Min/ Max distance between base plate and Spindle nose ≈ 200/1100 Horizontal movement of head stock ≈ 1000mm Column diameter ≈ 250 mm Arm swing 360 degree Table size ≈ 500 x 400 mm Coolant equipment, box table , machine vice
3	Band saw	1	Capacity of round bar 150 to 200 mm, Capacity of square bar ≈ 150x150 mm Blade size ≈ 3000 x 27 x 0.9 mm Electric motor ≈ 1.0 hp Coolant pump
4	MIG welding machine	1	Make : ADOOR WELDING LTD. Models : MAX MIG 251 CD, CHAMP MULTY 400/ CHAMP MULTY 400SSPW, RANGER 400 / RANGER 600
4a.	DC RECTIFIER WELDING SET	1	ADOR CHAMP 180, CHAMP 253
5	Gas welding unit	1	Oxyacetylene gas welding and cutting unit with all accessories.