

Galgotias AICTE IDEA Lab, Galgotias College of Engineering and Technology, Greater Noida - 201 310

Each Apparatus / Equipment / Machine / Tools etc. must be of Excellent Quality and of Reputed Brand.

Further, items mentioned in Part-A and Part-B must have 3 years of onsite / in-campus warranty.

Item Cat.	S. No.	Name of Apparatus / Equipment / Machine / Tool / Consumable	Specifications (for Tender Notice)	Qty	
B	B	Part-B	Machine Tools		
B	1	Bench Top Drilling M/c	Rating input: Max. 500 W ; Capacity: Steel: Min 13 mm (1/2") ; 5 or more speed modes	1	
B	2	Handhold High Speed Drilling M/c	Power : Approx 600 Watt; 13 mm Chuck; Maximum Rotational Speed : 3000 RPM Rated Torque of 1.4 Nm	1	
B	3	Handhold High Speed Hammer Drilling M/c	Rotary Hammer - SDS Plus; Max. Power 850 W; SDS Plus Tool Holder; Rated Speed 0-1300 rpm ; Impact Rate 0-5100 BPM ; Impact energy 3.2 J ; Active Vibration Control	1	
B	4	Cordless Drilling Machine	Brushless Motor ; Speed (1st/2nd)- 0-500/0-1900 RPM ; Chuck Size 13 mm ; Manufacturing & Construction Use ; 2 Batteries & 1 charger Included	1	
B	5	Benchtop Grinder Machine	Heavy Duty, Double Wheeled Bench Grinder, Max 350 Watt, Rated Speed 3000 rpm ; Grinding Wheel-20 mm	1	
B	6	Power Tool # Handhold Angle Grinder	Max Power : 800 Watt, 11,000 RPM, Disc Dia = 100 mm	1	
B	7	Power Tool # Planer	Corded Electric Planer; 710W, 82 mm Width, 2.6 mm Depth, 18,000 rpm, V-Groove, Cutting Depth Adjustment, With Hex Key and Dust Bag	1	
B	8	Power Tool # Electric Metal Cut Off Saw	14" Chop Saw; 2,400W; 355 mm Cutting Dia.; 3,800 rpm; For Metal upto 355 x 25.4 mm	1	
B	9	Power Tool # Electric Mitre Saw	1750 W, 5000 RPM, Accurate Cutting with Direct Laser Guide, Blade Length of 57.5 Centimetres	1	
B	10	Power Tool # Electric Block Cutter	1200W, 1.3mm Chain Gauge, 12 m/s	1	
B	11	Power Tool # Jig Saw	450W, 3,100 spm, 65 mm, Adjustable Stroke Rate, Double Insulation, Variable Speed, Speed Selection, With Blade and Key	1	
B	12	Power Tool # Circular Saw	Upto 2,050W; 235 mm Blade Dia.; 5,300 rpm; 25 mm Bore; Air Blower; with Key, Wrench, Saw Blades	1	
B	13	Power Tool # Table Saw	1,800W; 254 mm Saw Blade Dia; 4,300 rpm; Metal Stand; Meter Gauge; Dust Extraction; for Wood; with Circular Saw Blade	1	
B	14	Power Tool # Random Orbit Sander	Upto 250W; 12,000 rpm; 24,000 opm; 125 mm Pad Dia with Sanding Disc	1	
B	15	Power Tool # Belt and Disc Sander / Grinder	400W Electric Belt Grinder Sander 4"x 36" in; Belt & Disc Sander 6" Bench Sanding Machine With Speed Controller	1	
B	16	Power Tool # Scroll Saw Machine	Input Power : 50W; Capacity Thickness of cut : 50mm ; Throat : 406mm; Speed : 6000 RPM Length of stroke 18mm ; Strokes per min. : 400-1,600 spm; Blade length 600mm;	1	
B	17	Power Tool # Reciprocating Saw	1,300W; 2,900 spm; Stroke 28 mm; Pendulum Stroke, Low Vibration, Variable Speed; with Saw Blade (1 x Metal, 1 x Wood)	1	
B	18	Power Tool # Dremel Moto Saw	Dremel Moto-Saw; MS20-1/5; 2in1 Compact Scroll Saw (70Watt), 1 Attachment, 5 Accessories	1	
B	19	Power Tool # Cordless Rotary Tool	5 speed settings from 6500-28000 RPM; Min 35 Piece Accessory Set, Micro USB Charging	1	
B	20	Power Tool # Corded Electric Router	1,300W, 8 mm Bit, 28,000 rpm, 40 mm, Variable Speed, Restart Protection, Constant Speed	1	
B	21	Power Tool # Screw Driver Set	Professional Screwdriver Kit; 9-Piece Screwdriver Bit Set; 2.0Ah Battery; Speed 360 RPM; Torque 5/2 Nm; Push Start and Smart Stop; 1/4" HEX Universal Bit Holder	1	

Galgotias AICTE IDEA Lab, Galgotias College of Engineering and Technology, Greater Noida - 201 310

Each Apparatus / Equipment / Machine / Tools etc. must be of Excellent Quality and of Reputed Brand.

Further, items mentioned in Part-A and Part-B must have 3 years of onsite / in-campus warranty.

Item Cat.	S. No.	Name of Apparatus / Equipment / Machine / Tool / Consumable	Specifications (for Tender Notice)	Qty	
B	22	Vacuum Cleaner cum Blower	Vacuum Cleaner and Blower; 1100-Watt; 15 litre	1	
B	23	Vacuum Cleaner	Cordless Vacuum Cleaner, 0.7 Litres, 60 mbar, 1.3 kg + Suction & Extension Tubes, Floor & 2 Nozzles	1	
B	24	Air Compressor	50 Ltr and PU Pipe with Air Inflators (Set of 5 Pcs.)	1	
B	25	Portable Welding Machine (TIG / MMA)	Single phase input of 220V; Max Power - 7KVA; Suitable for TIG and MMA welding Welding Current # TIG- 10-210amp, MMA- 20-180amp. IGBT based inverter power source Meets international standard (IEC 60974-1); With 2.5m Input cable with plug fitted, 3m Electrode welding cable set, 3m Earth cable set, 3m TIG Torch, Collets Bodies, Nozzles	1	
B	26	Advanced, motorized Sewing Machine	Computerized Sewing Machine; 197 Stitches & Built-in Alphabets; LCD Screen; 70W Motor; Metal Frame; Auto Needle Threader; Accessory Kit	1	
B	27	Solder Stations	Soldering Power = upto 100 W; Soldering Temperature = Upto 180 degree C	4	
B	28	Soldering Station with Hot Air Gun	Soldering Power = upto 100 W; Soldering Temperature = Upto 180 degree C	1	
B	29	Soldering and Desoldering M/c	Soldering and Desoldering Station, Soldering Power = upto 80 W; Desoldering Power = upto 70 W	1	
B	30	Portable Welding M/c (ARC)	Single phase portable 200A MMA inverter welding machine; Rated Input Power: 7.3 KVA, Current Range: 20 - 200A; Electrode Size recommended: upto 4.00mm, With Input cable, Welding Cable set with Electrode Holder, Earth Cable set with Earth Clamp	1	