

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
C	C	Part-C	Tools	
C	1	Manual Drilling Machine	1/4-INCH CHUCK FOR VERSATILE DRILLING – Accommodates standard drill bits for working with wood, plastic, aluminium, and soft metals ; With 13 Pc HSS Drill Bit Set	2
C	2	PCB Drilling Machine (Manual)	50Pcs USB Rechargeable Rotary Tool Kit, 3.7V Cordless Mini Drill Machine with LED Light, 5-Speed Adjustable Motor for Engraving, Polishing & Soft Material Drilling	5
C	3	Centrifugal Blower	650 W Motor; Airflow of 3.7 m3/min; Lightweight & Ergonomic Design; Compatible with Multiple Nozzle Attachments; Air Flow Capacity : 16000 RPM ; Noise Level : Max. 50 dB	1
C	29	Granite Surface plate	Minimum Size = 630x630x80 mm	1
C	31	Clothes iron (Dry)	Upto 1.5 KW	3
C	32	Clothes iron (Steam)	Non-stick soleplate; Powerful 17gm/min steam output ; Max. 1500 W Quick heat-up	1
C	33	Clothes iron (Heavy Weight)	Upto 1000W 2KG Heavy Weight Dry Iron	1
C	34	Filament Dehydrator	3D Printer Filament Dryer , 360° Hot-air Circulates Heating, Compatible with 1.75/2.85mm PLA PETG ABS TPU Material	1
C	38	Hot Air Gun	Working temperature: 60 – 550°C °C ; Airflow: 350 – 550 l/min ; Heat-up time: 1 min ; Cord Length: 2 m ; Overheat protection; Reducing Nozzle; 1800w input power	1
C	39	Hot Air Gun	For Removing & Drying Paint Coats, Remelting Adhesives & Shrink Wrapping, 1800 Watts	4
C	40	Magnifying Glass with Stand	Magnifying Lamp Table Clamping, 8 Diopter Magnification with External arm Springs	2
C	1	Vernier Caliper	0-200 mm	4
C	2	Digital Vernier Caliper	0-200 mm	1
C	3	Vernier Height Gauge	0-300 mm	2
C	4	Vernier Depth Gauge	0-300 mm	2
C	5	Micrometer	0-50 mm	2
C	6	Digital Micrometer	0-50 mm	1
C	7	Hacksaw	300 mm	5
C	8	Mini Hacksaw	150 mm	6
C	9	Micro Chisel Set	For Wood, with Handle	2
C	10	Chisel Set	Set of 9 Files @ (1/4), (5/16), (3/8), (1/2), (1), (1.1/4), (1.1/2), (3/4), (2) Inch ; Beveled Edge, for Wood, with Handle	2
C	11	Long Nose Plier	Standard Size	2
C	12	Combination Pliers	210 mm	2
C	13	NeedleNose Plier	Standard Size	2
C	14	Locking Plier	280 mm Locking Pliers Clamp with Swivel Pads vise/vice grip	2
C	15	Files Sets	5-Piece File Set 200mm, Durable Carbon Steel Files, With Handles, For Metal Crafting, Deburring, Smoothing Surfaces	2
C	16	Needle Files	6Pcs File Set, 5.5in Needle Files, 3 mm Diameter Carbon Steel File Kit with Handle, Suitable for Metal, Wood, Glass, Plastic, Leather, with Handle	2
C	17	Pipe Vice	4 Inch	2
C	18	C-Clamp	4 Inch, 6 Inch, 8 Inch (2 each)	6
C	19	Bench Vice	60 mm	3
C	20	Bench Vice	100 mm	3
C	21	Carpentry Vice	6 Inch	5
C	22	F-clamp	600 mm	2
C	23	Corner Clamp	90° Right Angle Clamps/Corner Clamp	4
C	24	Ratchet clamp	8 inches/ 200mm	4
C	25	Ball Peen Hammer	200 gm and 500 gm (3 each), with Handle	2

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C	26	Steel Shaft Claw Hammer	Made from high carbon steel, cutting edges - induction hardened of 55 to 60 HRC, with handle	6	
C	27	Sledge Hammer	1 Kg, with Handle	2	
C	28	Straight Peen Hammer	250 gm, HSS	2	
C	29	Nylon Mallet	Nylon Mallet Hammer, 40 mm, Alloy Steel Handle	6	
C	30	Rubber Mallet	40 mm with handle	6	
C	31	Allen Key Set with Torque Handle	31-Piece Hex Key; Allen Wrench Set, SAE and Metric Allen Keys (0.7-10mm); SAE (0.028"-3/8): Heat-Treated	2	
C	32	Centre and Leather Punch	7 Drift Centre and Leather Punch Set (Multicolour), 7 Pieces	2	
C	33	Number and Alphabet Punch	6MM Steel Die Metal Stamping kit Punch Tool Number Letter Alphabet Stamps Tools	2	
C	34	Carpenter Pincer	Carpenters' Pincers 200mm	2	
C	35	Tri Square	8 Inch	5	
C	36	Stainless Steel Rule	6 Inch and 12 Inch both	10	
C	37	Ratchet Set	1/4" + 1/2" Ratchet Set 57-Piece High Torque, Ergonomic Design & Versatile Tools	2	
C	38	Spanner Set	Combination Wrench; Orientation: Double Sided; Size: 6, 7, 8, 9, 10, 11, 12, 13, 14, 17, 19, 22; Wrench Type: Set ; Chrome Vanadium Finish	2	
C	39	Ring Spanner Set	12 Ring Spanner Set	2	
C	40	Screwdriver sets	Alloy Steel, Magnetic Tip	2	
C	41	Wire Stripper (Automatic)	For stripping inner and outer sheaths on wires and cables; Adjustable wire stop; Spring loaded handles	5	
C	42	Circlip Plier Set	Forged high-quality high alloy steel; 7 Inch; Internal Bent and Straight Nose, External Straight and Bent Nose	2	
C	43	PVC Pipe Cutter	42 mm	2	
C	44	Multi Tool Kit	52-Piece Hand Tool Set Comes with Ergonomic Design, Durable & Rust-Resistant (1 x Extension Cord, 2 x Adapters, 1 x Wrench, 1 x Cutter, 1 x Tape measure, 1 x Spirit Level, 10 x Sockets & 1 Case, 3 x Pliers, 1 x 1/4 inch Ratchet, 1 x Screwdriver, 1 x Hammer, 9 x Hexagon Wrenches, 1 x Punch, 18 x Screw Bits)	5	
C	45	Anvil	Black Smith, 10 kg	1	
C	46	Hexagonal Anvil	Measure 1 7/8" width across with a thickness of 3/4"; Case hardened, Both surfaces and All sides - machine grinded smooth; 16 holes from 1.066 mm to 5.556 mm & center hole size of 6.40 mm; 5 slotted grooves with various widths from (0.385mm to 1.143mm) ; Hardness 45-50 HRC	5	
C	47	Router Bit Starter Kit	15 Pcs Straight Bit Set 8mm shank (Flush Trim Bit, Flush Pattern Bit, Dovetail Bit, Chamfer Bit, V-groove Bit, Slotting Cutter, Rebating Bit, Roman Ogee Bit, Cove Bit, Rounding Over Bit, Straight Bit (2-cutter), Straight Bit (3-cutter), Durable Plastic Storage Case	1	
C	48	Aviation Tin Cutter with Spring	Item Dimension: 60mm x 30mm x 20mm, Heat Treated	5	
C	49	Tin Cutter with Spring	10 Inch	5	
C	50	Diagonal Cutter	160mm (6") Diagonal Cutters with Soft-Grip Handle, Induction-Hardened Blades, with Matt Chrome Nickel-Plating	5	
C	51	Cutting Mats	A2 Cutting Mat Self Healing Sewing Mat, 3 mm thickness, 18" x 24" Rotary Cutting Mat 5-Layer Craft Board for Sewing, Quilting, and Scrapbooking Crafts Hobby Project Leather	7	
C	52	Glue Gun	300 Watts Multi-Temperature Electric Hot Melt Glue Gun With 5 Super Strong Gumming Glue Sticks	5	
C	53	Fish Tape	Electrical Fish Tape Flexible Professional Easy To Install Wire Pulling Tool Green	2	
C	54	Sealing Tape	Multiseal, Self-Adhesive tear-resistant sealing tape, Grey, 4 Inches x 9.84 Ft (10 cm x 3 Mtr)	2	
C	55	Flashlights	LED Mini Cob Keychain and Magentic Flashlight Portable USB Rechargeable Light, 3 Light Modes with Folding Bracket, Black, 1000 Lumen	20	
C	56	Solder wick	5 Feet, 3 mm	10	
C	57	Bottle Glass Cutting Kit	12Pcs Glass Bottle Cutter Tool Kit	2	
C	58	Glass Cutter	130mm/5/1/8" Glass Cutter	2	
C	59	Flat End Breaker Pliers	8 Inch ; Non-Slip Handle, Breaking / Cutting Glass Pliers	2	

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C	60	Tile Divider Glass Separation Tool	Tile Glass Breaking Pliers, Tile Cutter Opener, Manual Tiles Breaking Plier, Glass Tile Nippers, opening pliers, Mosaics Strong Breaker, Splitting Glass, Tile Divider Glass Separation Tool	2	
C	61	Pegboards	Approx 12 Inch size (Metal = 2 and Plastic = 2)	4	
C	62	Goggle	For Welding,	5	
C	63	Apron	Industrial Standard Make	5	
C	64	Gloves Pair	Industrial Standard Make	5	
C	65	PCB Drill Bit	0.4, 0.8, 1 mm (2 each)	6	
C	66	Drill Bits Set	WAF(mm):1,1.5,2,2.5,3,3.5,4,4.5,5,5.5,6,6.5,7, 7.5,8,8.5,9,9.5,10,10.5,11,11.5,12,12.5,13	1	
C	67	Carpentary Boring Bits (Kit)	Hex Shank Flat Drill Bit Set (10, 12, 16, 18, 20, and 25 mm) For Spade Boring In Wood, Plastic, PVC, Etc.	2	
C	68	Boring Forstner Drill Bit Set	Carbide Tipped Steel Bits for Wood, Plywood & Woodworking – with Carry Case (Sizes: 15, 20, 25, 30, 35mm)	2	
C	69	Electronic weighing machines	Electronic weighing machines ; 0.01G to 200G Small	1	
C	70	Electronic weighing machines	upto 10 Kg	1	