Tender Document for AICTE IDEA Lab Equipment Procurement (2025) SKIT Jaipur

Tender Notice

Online tenders are invited from reputed and experienced suppliers (manufacturers or authorized distributors) for the *supply*, *installation*, *and commissioning* of various equipment, tools, and machines for setting up an AICTE IDEA Lab at the institute. The laboratory is to be established as per AICTE guidelines to promote innovation, design thinking, and rapid prototyping skills among students and faculty.

Tender Reference No. SKIT/2025/AICTE IDEA LAB/NT-04

Date of Issue: 06/10/2025

Last Date & Time for Bid Submission: 14/10/2025 up to 3:00 PM IST.

Submission Mode: Bidders may submit their bids via official e-tender email (digitally signed PDF) to idealab@skit.ac.in.

Scope: Supply and install the equipment and items listed in the Equipment List (with specifications and quantities detailed in the next section). Installation includes any required onsite assembly, testing, and demonstration of functional operation of all equipment. Comprehensive training for faculty/staff on key equipment operation and safety is also expected as part of commissioning.

Earnest Money Deposit (EMD): Not Applicable (or as specified separately, if any). The tender document includes the detailed Equipment List with Specifications, Terms and Conditions, Eligibility and Qualification Criteria, Bid Submission Instructions, Warranty requirements, Evaluation Criteria, and Contact Information for queries. Bidders are advised to read all sections carefully and comply with the conditions outlined. All items in the Bill of Quantities must be quoted; partial or item-wise quotations will not be accepted. The purchaser reserves the right to cancel or modify any part of the tender for any reason.

Equipment List and Specifications

The following table lists the required equipment, tools, and consumables along with preferred brands/quality, minimum technical specifications, and quantity to be procured for the IDEA Lab. Bidders must ensure that the products offered meet or exceed the given specifications. All equipment must be of high quality, from established brands, and include at least the minimum warranty period specified (refer to warranty clauses). Equivalent or superior models from reputed brands will be

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Sr. No.	Equipment Name	Specifications	Detailed Specifications	Qty.
	Laser Cutter with software and standard accessories	Industrial CNC CO2 Laser Cutting Machine	• Bed size (working area): 1300 X 2500 mm • Laser Power: 60W-150W (best • Engraving Speed 0-800mm/s • Cutting Speed 0-300mm/s • Reposition Accuracy ±0.01mm • Suitable for Engraving and Cutting – materials like acrylic, plexiglass, stencil, rubber, plastics, synthetic material, decoration, architecture, furniture, wood and bamboo products, PC/PVC/PP, sound absorbed panel. • Data communication – Serial port, USB, RS-32 port • Supported Graphic Formats: PLT, CDR, AI, DWG, DST, DXF, BMP, JPEG, TIFF, GIF, PCX" • Supported S/w – AutoCAD, Corel Draw, PhotoShop, Fusion 360. • Specialities – Dust collection system, cooling system. auto positioning and alignment. • Tools & standard Accessories • Machine Cover • Safety Instructions, Installation, Operation &, maintenance manual. • 3 Year Manufacture Warranty and Support.	1

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Sr. No.	Equipment Name	Specifications	Detailed Specifications	Qty.
2	Vinyl Cutter with stand and software	Graphtech Vinyl Cutting Plotter	• Type – Roll type cutting plotter single blade • Cutting width – 670 mm [max] • Mechanical Precision 0.025mm Material Compatibility: Over 300 materials, including delicate fabrics, paper, matboard, leather, and balsa wood Max Media Thickness: 2.4 mm Tools Supported: Compatible with 13 tools, including the Knife Blade for thicker materials, Rotary Blade for fabrics, and Quick Swap tools for scoring, engraving, debossing, and more • Min Cutting width- 1mm line width • Interface - RS-232C, USB, Wifi • Support win 10/Win 7/win8/ LinuxUI/oracle/mac • Adjustable Speed options • Steel / Aluminium Stand • Bucket tray • Tools & standard Accessories • Machine Cover • Safety Instructions, Installation, Operation &, maintenance manual. 3 Year Manufacture Walranty and Support.	1

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Sr. No	Equipment Name	Specifications	Detailed Specifications	Qty.
3	3D Printer with Software and standard accessories	FDM (Fused filament type) Preferable 3D Printer Creality and Bambu lab	Build Volume / Print Size = 350x350x350 mm3 Single Extruder Nozzle with dual cooling fan Nozzle Diameter: 0.4mm (standard) Layer Resolution: • Minimum Layer Height: 0.1 - 0.35mm • XY resolution (precision) - 0.1mm Material Compatibility - PLA, TPU, PETG, ABS, PLA-CF, PETG-CF, CR-carbon Software and File Compatibility- Windows, Mac OS, Linux UI Languages: English, French, Portuguese, Turkish, German, Spanish, Italian, Russian, Japanese, Chinese. File Formats for Slicing: STL, OBJ, 3MF, AMF; Printing Accuracy - ±0.2mm Print Speed - higher than 250 mm/s Calibration - Auto calibration Bed Alignment - Auto alignment check Connectivity - USB, SD card, WLAN, Type C, Ethernet, or other connection options. Additional Features • Heated bed or build plate • Enclosure (heated or controlled environment for certain materials) • Automatic bed leveling • Filament run-out sensor • Support removal system • Maintenance and Support • Ease of maintenance and part replacement • Availability of spare parts • Warranty and technical support terms • Training and documentation provided • Safety Features • Enclosed printing chamber (if necessary) • Ventilation or filtration systems for fumes • Tools & standard Accessories • Machine Cover • Safety Instructions, Installation, Operation &, maintenance manual. • 3 Year Manufacture Warranty and Support.	2

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Sr. No.	Equipment Name	Specifications	Detailed Specifications	Qty.
4	3D Scanner with software and standard accessories, battery, charger, carry bag Make- Shinging Model- Optim Scan Q12(High-Precision 3D Inspection Scanner) Make – Creality Model Raptor X / Raptor Pro	Shining Optim Scan Q12 / Creality Raptor X / Raptor Pro	3D Scanner – Hand Held Full colour Scanning • Scanning Technology-Laser Triangulation, (Hybrid Blue laser-IR) • Wireless Scanning features • High speed Scanning • Accuracy: ±0.02 mm • 3DResolution - 0.01 - 10 mm • Scan Speed - 60 fps (Up to 3,460,000 points/s) • Scan Volume (Field of View) - 400 x 400 mm • Part size range (recommended): 0.05 - 4 meter • Colour Mapping- Yes RGB • Camera Resolution: 1900x1200 • Portability - Handheld, • Connectivity- USB / Wi-Fi / Ethernet/App • Formats - STL, OBJ, PLY • Operating System-Windows 10/11 (64-bit), Android 10/11/12 • 3D Printing Compatible-yes • Calibration & Maintenance - Auto Calibration/Calibration board required. • Anti-Shaking features. • Colour - 24 bit Full colour scanning • Laser Safety Class-I • Tools & standard Accessories • Machine Cover • Safety Instructions, Installation, Operation &, maintenance manual. • 3 Year Manufacture Warranty and Support.	

Sr. No.	Equipment	Specifications	Detailed Specifications	Qty
5	CNC Router with motor software and standard accessories	Single Head Router	• No of Axis – 3 X,Y,Z • Bed Size – 1200 mm x 1500 mm • Capacity – Z = 300 mm • Accuracy - +/- 0.05 mm • Resolution: 4500 • Spindle Power - 3.5 KW • Cutting speed-60000 mm/Min • Spindle & Guideway & Gear Box – BEST GRADE • Formats – G codes, HPGL • Material – Wood, Plywood, MDF, Acrylics • Dust collection system, Alignment check module. • Alignment Calibration - Auto • OS Compatibility – Windows, Mac, Linux • Software Compatibility – Art Cam ,AutoCAD, CorelDraw , Aspire • Program G Code , MMG ,PLT, DXF, STL Object Fixture and holders required. • Tools & standard Acessories • Collets & Cutters –20 Types Bits for Cutting & carving,3mm-12mm Collets 6pcs clamps, Spanner set,2D & 3D, • Designs Data • Tools & standard Accessories • Machine Cover • Safety Instructions, Installation, Operation &, maintenance manual. • 3 Year Manufacture Warranty and Support.	1
6	Mini Lathe cum Drilling Cum Milling with motor and standard accessories	Type – Mini Lathe Mill Drill Combination metric	Bed size – 600 mm Spindle hole dia 25 mm Max Work diameter 140 mm Max Work length 500 mm Spindle taper – MT4 metric thread pitch range/species: 0.5 – 3 mm /14 spindle rpm 160-1600rpm/ 6 speed Motor 1 H.P./ 220 V 50Hz Drilling and milling • Maximum drilling diameter – 20 mm • Distance from spindle end to worktable-240-320mm • Drilling and milling spindle taper –MT3 • Spindle speed range/level – 125-1600 mm • Three jaw self-centring chuck. • Tools & standard Accessories • Machine Cover • Safety Instructions, Installation, Operation & Manufacture Warranty and Support.	1

Sr. No.	Equipment Name	Specifications	Detailed Specifications	Qty.
7	Pillar Drilling M/c with	Motor and standard accessories	• Drilling Capacity: 16 - 25 mm • Column Diameter: 80 mm • Spindle Hole Taper: MT-2 or MT3 • Spindle Speeds: 50–2000 RPM • No of speed - 8 • Spindle Travel -155 mm • Motor: 0.5 HP single phase 220V 50Hz. • Tools & standard Accessories • Machine Cover • Safety Instructions, Installation, Operation &, maintenance manual. • 3 Year Manufacture Warranty and Support.	1
8	Bench Top Drill machine	Bench Drill	• Drill capacity – 13 mm • Motor – 250 watt • Spindle travel – 3 inch • Work table – 200 x 200 mm • Tools & standard Accessories • Machine Cover • Safety Instructions, Installation, Operation &, maintenance manual. 3 Year Manufacture Warranty and Support.	1
9	Handheld High Speed Drilling M/c	BOSCH GSB 600 Corded Electric Impact Drill	• BOSCH GSB 600 Corded Electric Impact Drill, • 600 W Motor • Speed of 3000 RPM • Rated Torque of 1.4 Nm • Impact rate of 48000 BPM • Warranty from BOSCH – 3years expected • Tools & standard Accessories • Machine Cover • Safety Instructions, Installation, Operation &, maintenance manual. • 3 Year Manufacture Warranty and Support.	2
10	Benchtop Grinder Machine	Bosch GBG 60-20 Bench Grinder	• Bosch 600W Heavy Duty Professional Bench Grinder, GBG 60-20 • Safety Instructions, Installation, Operation &, maintenance manual. • 3 Year Manufacture Warranty and Support.	1

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Sr. No	Equipment . Name	Specifications	Detailed Specifications	Qty
11	Wood Lathe with motor and Accessories	Wood turning Lathe	Bed length - 1825mm Width of bed - 300 mm Height of centers - 203 mm Admit between centers - 1220mm Approx. spindle speed -700 / 1400 / 2800 RPM Face plate diameter - 190mm Motor Power - 1 hp/1440 rpm, 3 phase Standard Accessories: Tool rest, Face plate, 3 pin centre, revolving - centre, V-belt, motor pulley, motor fixing stand, motor rail & m/c manual. • Machine Cover, Safety Instructions, Installation, Operation &, maintenance manual. • 3 Year Manufacture Warranty and Support.	1
12	Portable Welding M/c	AC/DC TIG-MMA Inverter Welding Machine	Modes: AC-TIG, DC-TIG, MMA (Stick welding), Aluminum Welding, Max. O/P current: 220A Output Current Ranges: DC TIG: 10-160A; AC TIG: 15-160A MMA: 20-160A Duty Cycle: 60Usable Electrodes: 1-5 mm Usable Tungsten Needles: 1-3.2 mm Gas Support: Argon (TIG), CO2 (MIG). Weldable Material: Mild steel,SS, Aluminum. Cooling System: Air/water-cooled. Digital Display: for precise settings. Additional Features: Hot Start; Built-in Anti-Stick; Built-in Arc Force; Built-in IGBT Technology; Built-in VRD (Voltage Reduction Device); Built-in Thermal Protection; Yes Insulation Class; F Protection Class.	1
13	Laser Welding machine (preferably great yuva make or ESAB)	Hand held Fibre Laser Welding Machine	Type – hand held Fibre Laser Welding Laser Power – 1500 Watt Cooling – In built cooling system Metal (cutting/welding) – SS, MS, Al Cutting Thickness – SS (0.5mm), MS, Al (upto 3mm) Tools & standard Accessories Machine Cover, Instruction Operation, maintenance manual 3 years warranty	1
4	Air Compressor	compressor Sv	ELGI- Portable, DiAfgee silent air compressent all districte on motor legy Management & Graomthan	1

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Chief Mentor / Principal

Sr		Specifications	Detailed Specifications	Qty.
15	Filament Dehydrator (Automated Control)	Filament Dehydrator	Operating Temperature – 45 to 70 C Hot Air circulation type Power – 150 – 200 W Dry time setting – (0 - 48 Hrs).	1
16	Table Saw	Bosch GTS 254	Bosch GTS 254 1800 watt, 4300 rpm 10 inch saw included	1
17	Hacksaw	Taparia Hacksaw Frame HFSA-12	Taparia Hacksaw Frame HFSA-12 Blade Length 12 Inches Nylon Handle Hacksaw Frame	5
18	Micro Chisel Set	HSS Micro Detailing wood working Chisel Set	HSS Micro Detailing wood working Chisel Set with handle, 8-Piece-set size -10 inches	3 set
19	Pilers	Stanley STHT84405 3 PC PLIERS SET	With insulated grips	3 set
20	Cordless Drilling machines	BOSCH GSB 183-Li Cordless Battery Powered Impact Drill	18 Volts, 1815 RPM, Maximum Power 850 Watts, Torque 56 Nm	2
21	Cordless Electric Screw Diver set	Bosch GSR 12V-35 HX Cordless	Battery: Rechargeable Li ion, Torque: 30 Nm (max), Chuck size: 0.8 mm to 10 mm, Speed Range: 0-1500 rpm	2 set
22	Angle Grinder	BOSCH Professional GWS 600 Angle Grinder	Power: 670W, No-load Speed: 11000 RPM, Disc Size: 100 mm (4"), M10 Grinding Spindle Thread	1
23	Jigsaw machines	BOSCH - GST 680 Corded Electric Jigsaw	Power: 500W Motor, Stroke rate: 800-3100 spm, Stroke Length: 20 mm, Cutting Depth (Wood): 68 mm	2
24	Power Circular Saw	Makita - HS7600 Circular Saw	1,200 Watt, 185 mm Blade Diameter, Single Action Lever	2
25	Random Orbit Sander	Black – Decker BEW210-QS	230 V AC, 0-13000 rpm	1
26	Files Set	Taparia Make; 12" Rough Finish- 8Pcs Set	8-Piece File Set, Rough Finish	2 set
7	File Handles	Taparia - Hard Handle with Soft Silicon Grip	Ergonomic Handle for Files	5
8	Needle Files	Black & Dekker 6Pcs Needle File Set	6-Piece Mini File Set for Detailed Work	2 set
9	Pipe Vice	Taparia PV 01 Pipe Vice	Pipe Dia Capacity 10-60 mm, Cast-iron body, Drop-forged jaws	2

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Sr. No	Equipment Name	Specifications	Detailed Specifications	Qts
30	Mini Hacksaw	TAPARIA - Mode HJHW 6 Handy Wire Saw		5
31	Ball Peen Hammer	TAPARIA - 500 g	Drop-forged carbon steel head, Hardened to 55-58 HRC, 350 mm wooden handle	5
32	Steel Shat Claw hammer	TAPARIA - 450 g		5
33	Nylon Mallet	TAPARIA - 30 mm double-head	Double-head nylon mallet, 450 g, Wooden handle	5
34	Rubber Mallet	TAPARIA - Head size 70 mm diameter	Shock-absorbing black rubber head, Hardwood handle, Weight 680 g	'5
35	Allen Key Set	TAPARIA - 9-piece L-type metric set	Sizes 1.5 mm to 10 mm, Cr-V steel, Black phosphate rust-resistant finish	3 set
36	Dremel multi tool kit	Dremel 4000-2/32 Variable Speed Rotary Tool Set	Rotary Tool for Engraving, Polishing, Grinding, Cutting, Includes 2 Attachments and 32 Accessories	2 kit
37	Double Ended spanner sets	TAPARIA - 12 spanners set	Sizes 6-32 mm, Chrome vanadium steel, Nickel-chrome plated	2 set
38	12 Piece Open Ended Spanner set	TAPARIA - Open jaw on both ends	Sizes from 6x7 mm to 30x32 mm, Chrome plated, Conforms to IS standards	2 set
39	Belt and Disc Sanding machine	Voltz - VZ-DS-500	500W Bench-Mounted, 150 mm Abrasive Disc Sander	1_
40	Scroll Saw machine	INGCO - 85 W Scroll Saw Machine SS852	85 W Power, 1450 rpm, For intricate cutting	1
41	Tool Wall covering Perforator	ALKON - MDB500 Multi Display Peg Board	Peg Board for tools Accessories Organizer	3
12	Dremel Moto Saw	Dremel Moto-Saw MS20-1/5 2in1 Compact Scroll Saw	70Watt, 2in1 Compact Scroll Saw, 1 Attachment, 5 Accessories	1
1.5	Power return measuring tape	STANLEY - Length: 3 meters + 5 meter	Blade Width: 13 mm, 19mm, For Light-duty measurement tasks	5
-	Tri square 8 inches	inches (200 mm)	Blade length: 200 mm, Hardened & tempered stainless steel blade	5
5 1			Stainless Steel Ruler, Lengths: 1000mm and 300mm	5 pc each

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Sr. No.	Equipment Name	Specifications	Detailed Specifications	Qty.
46	Digital Vernier Caliper	Mitutoyo Stainless Steel 500-196-30	Range: 0 -150 mm, Least count: 0.01 mm, Measures Outside, Inside, depth	5
47	Spirit Level	TAPARIA - 300	Accuracy: 1.0 mm/m, Aluminum frame with rubber moldings, Magnetic base	5
48	Dremel Cordless Rotary Tool	Dremel Lite 7760 N/10 4V Li-Ion Cordless Rotary Tool	4V Li-Ion, Variable Speed, USB Charging, For Light-Duty DIY & Crafting	1
49	Power Router	Bosch GOF 130 Corded Electric Router	1,300W Power, 28,000 rpm Maximum rotational speed	1
50	Sewing Machine	USHA Stitch Options	13 built-in stitches, 21 stitch functions, 60W motor, 860 stitches per minute	1
51	Impact Drill machine	BOSCH GSB 600 Corded Electric Impact Drill	600 W Motor, Speed: 3000 RPM, Rated Torque: 1.4 Nm, Impact rate: 48000 BPM	3
52	Ratchet Set	Taparia SA46 Steel Socket Set (46-Pieces)	46-Piece Socket Set, Includes various sockets and ratchet	2 set
53	Router Bit Starter Kit	BOSCH - 15 Pc. Mixed Router Bit Set	15 Piece Mixed Router Bit Set, 8mm Shank	1 set
54	C-Clamp	TAPARIA - 2", 3", 4" each	C-Clamps in sizes 2", 3", and 4"	6 each
55	Ratchet Clamp	Quick Release clamp - 8 inches/200mm	Quick Release Bar Clamp, 200mm capacity	10
56	Baby Vice 60 mm	REVOLVING CLAMP BASE- TABLE BABY VICE (60 MM)	Professional Table Vice, 60 mm Jaw Width, Revolving Clamp Base	4
57	Bench Vices	Taparia- BVSGM 3 VICE	Jaw Width: 75 mm (3 inches), Made from high-grade SG iron casting, Replaceable hardened steel jaws	4
58	Anvil – 8 KG	Luxuro Horn Anvil for All Purpose	8 KG Horn Anvil for General Metalworking	1
59	Tin Cutter with Spring	Taparia TCS-12 Tin Cutters- 12 INCH	12-inch Tin Cutter with Spring Mechanism	5
60	Hand Blower	Bosch GBL 650	Power 650W, 220 V AC, For cleaning dust and debris	1

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Sr	Equipment Name	Specifications	Detailed Specifications	Qty.
61	Precision Screw driver set	Taparia Precision Screw Driver Set PSFP6	Precision Screwdriver Set, Insulated Grip, ISO Standards	2
62	Insulated Screw Driver	Taparia – type 938 I length 336 mm	Insulated Screwdriver for Electrical Safety, Length: 336 mm	2
63	Screw Driver Sets with Neon Bulbs	Taparia – ProductNo. 812	Screwdriver Set with Neon Bulb for Voltage Testing	5
64	Micrometer	Insize 0 -25 mm; Accuracy 0.01mm	Outside Micrometer, Range: 0-25 mm, Accuracy: 0.01mm	2
65	Pipe cutter machine	Bosch Metal Cut-Off Saw GCO 230	2300 W Power, 4100 RPM, For cutting metal pipes and profiles	1
66	Professional Electric Planar machine	Bosch – GHO 6500	Electric Planer, RPM 16500, 3 Year Manufacture Warranty	1
67	Vacuum Cleaner with standard accessories	Bosch GAS 15 PS Vacuum Cleaner	Capacity 10-Litre, Suction pressure: 270 mbar, Power: 11000 Watt, Wet and Dry, Stainless Steel Drum	1
68	Hot Air Gun	BOSCH GHG 180 Professional Heat Gun	Power: 1800 W, 3-Stage Temperature: 60/350/550 °C, Airflow 350-550 l/min	5
69	Vernier Caliper Digital	Mitutoyo 500-754-10	Range: 0 - 300 mm, Least count: 0.01 mm, Digital Display	2
70	Surface Plate with fabricated stand	Luthra Granite Surface Plate	Size: 450 x 450 x 63mm, Grade - 0, As per IS: 7327-2003	1
71	Venier Height Gauge	Baker Vernier Height Gauge, VH300	Range 0-300 mm, Accuracy: 0.02 mm	1
72	Outside Micrometer digital	Mitutoyo Waterproof Model	Range: 0 - 50 mm, Accuracy: 0.001mm, Digital	2
73	Inside Micrometer digital	Mitutoyo Waterproof Model	Range: 0 - 50 mm, Accuracy: 0.001mm, Digital	2
74	Dial Indicator with Stand	Mitutoyo 2046S	Least count & Range: 0.01mm X 10 mm, Stem: 8mm	1
75	Thread pitch gauge (Metric screw threads)	SCREW PITCH GAUGE	4 to 62 TPI, 0.25 to 6.0 mm, Combination with 55 degree and metric 60 degree	1
6	Feeler gauge (metric) set	Reeler Galloe Set	0.04-0.63 mm, 26 stainless steel blades	1
7	Pipe Vices (Clamp-on type)	Local make	Clamp-on pipe vice, opens up to 2" diameter pipes, Cast iron body, screw tightening, For holding pipes during cutting/threading	5KG

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Si	r. Equipment o. Name	Specifications	Detailed Specifications	Qty.
78	Mini Hacksaw Frames (Junior)	TAPARIA HFJP6 - Pistol Grip Plastic Handle 6" Inch Hacksaw Frame	Pistol Grip Plastic Handle, Light weight frame, Adjustable tension control, For light duty applications in plastic & wood cutting	5 unit
79	Ball Peen Hammers	Taparia WH 200 E Steel (200g) Ball Pein Hammer & STANLEY 54-114 Ball Peen Hammer-450gms	Ball end for riveting, poll for normal striking, High-carbon forged steel	5 units
80	Claw Hammers	STANLEY 51-152 Claw Hammer with Steel Shaft	220 grams, For masonry, wood work, fittings, DIY, mechanic work, Robust structure, 5 tons force fit head, Ergonomic handle	5 units
81	Nylon Mallets	Volo soft faced hammer with two nylon mallets (Color: Red)	Soft dual mallet faces, Non-slip rubber handle grip, Lightweight tubular steel handle, Replaceable mallet heads	5 units
82	Rubber Mallets	STANLEY STHT57527-8 Rubber Mallet Hammer-450Gms (Yellow & Black)	Rubber head minimizes marring and surface damage, Tough rubber head molded to wood handle, For striking where steel hammers would damage surface	5 units
83	Allen Key Sets (Hex wrench sets)	amazon basics 36-Piece Allen Wrench/Hex Key Set - Inch/SAE and Metric	36-piece set of hex keys, SAE and metric sizes, Made of durable chrome vanadium steel, Black oxide finish, 2 hinged cases	3 sets
84	Dual Laser Engraver	xTool F1 2-in-1 Dual Laser Engraver	Lightning speed portable laser engraving machine, Ultra HD fiber laser engraver for jewelry, metal, wood, leather, 0.00199mm motion accuracy	2
5	Double-Ended Spanner Sets	Finish Chrome Vanadium Steel	Set of 12 spanners (6x7mm to 30x32mm), Chrome vanadium steel, Nickel Chrome coating, Anti-slip open ended jaw shape	2 sets
6	Open-Ended Spanner Set (12piece)	Chrome Vanadium Steel Combination	12-Piece Combination Spanner Set (6mm to 22mm), Nickel chrome plating, Anti-slip open ended jaw shape, 15.5° angle for accessibility	2 sets

Sr	. Equipment o. Name	Specifications	Detailed Specifications	Qty.
87	Belt and Disc Sander (Bench Model)	VOLTZ VZ-BSH1510 New 400W Electric Belt Grinder Sander 4"x 36" in. Belt & Disc Sander	Disc size: 6-inch, Adjustable sanding table (0° to 90°), Belt speed: 310-450	1 unit
88	Scroll Saw Machine (Fretsaw)	Ingco 85W Scroll Saw	85W power, No-load speed: 0-1450rpm, Max cutting depth: 50mm, Max cutting width: 410mm, Table size: 375x250mm, Tilts 45° left and right	1 unit
89	Anti-Static PCB Tray	Anti-Static PCB Tray Turnover Rack With 25 Angled Slots For Factory Storage	Safe, organized storage for PCBs in ESD-sensitive environments, 25 angled slots for stable placement, easy access	3
90	Dremel Moto-Saw (Mini scroll saw)	Dremel Moto-Saw MS20 or eq.	Compact motorized scroll saw, Detachable coping saw, Variable speed control 1500-2250 SPM, For precision cutting in wood, plastic	1 unit
91	Measuring Tapes (Retractable)	FREEMANS IKON 5m:19mm Steel Inchi Measuring Tape - 5m (Yellow & Black)	5m length, Auto-lock mechanism, Unbreakable ABS case, Soft grip bi-material case, Belt clip, Dura Coat Technology for abrasion resistance	5 units (Set of 5)
92	Tin cutter	Taparia TCS08 Tin Cutters with Spring(Blue and Silver)	High-grade carbon steel, Drop forged construction, Ergonomic handle with non-slip grip, 3 spring mechanism reduces hand fatigue, Sharp blades	10
94	Tri-Square Set (Carpenter's square)	MODERN Carpentry Try Square 8",12" - 45deg Angle Cut	8" (200 mm) try square for marking 90° angles, Steel blade with marked graduations, 8",12" - 2pcs set, Precision scale	6 units
95	Steel Rulers (Scale)	Omega Stainless Steel Scale/Ruler, 15,30,60cm - Pack of 3	Inch and cm marking, Stainless steel with round safety edge, Set of 3 lengths (15cm, 30cm, 60cm)	5 units
96	Digital Vernier Calipers	Caliper Mitutoyo Digital Vernier Caliper 150mm / 6 inch	150mm range, Digital display, Advanced Onsite Sensor Absolute Scale, High precision measurement	5 units
7	Spirit Levels (Bubble Level)	STANLEY STHT42264-812 Plastic Torpedo Level Magnetic- 225mm/9"	High impact ABS plastic, 3 vials: Horizontal, plumb and 45°, Size: 225mm/9", Magnetic, Limited lifetime warranty	5 units

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99	Handheld Power Router (Trimmer)	Bosch GKF 550 Electric Hand / Palm Router	550W, 33,000 rpm, 6 mm bit, Variable speed, Soft grip, 1.4kg, Includes parallel, roller & template guides, spanners, straight bit	1 unit
100	Ratchet Socket Set (Socket Wrench Kit)	STANLEY 94-190 1/4" and 1/2" Square Drive 6 Point Metric Set- 86pcs	86-piece set, 1/4" and 1/2" drive, Metric sizes, Double nickel chromium alloy coated tip, Locking mechanism retains sockets	3 sets
101	Router Bit Set (for Wood Router)	Bosch Professional 15 Pcs Router Bit Set With Mixed Bits, 1/4" Shank Bits	15-piece set, 1/4" shank, Carbide cutting edges, For soft wood, hard wood and wood composites, Various cutting geometries	1 set
102	Side-Cutting Pliers (Wire Cutters)	Taparia 1101-6 Econ Side Cutting Plier & OSFT Wire Cutters	Precise cutting performance, Long cutting opening, Spring-loaded, PVC handgrips, Sharp but safe with protective cover	10 units
103	Screwdriver Sets (Assorted)	INGCO HKSDB0248 24 Pcs Screwdriver Set, INGCO 4V Electric Cordless Screwdriver, INGCO 13 IN 1 Ratchet Screwdriver Set	24-piece set, Includes ratchet handle, bits, power sleeve, Cordless screwdriver: 4V, 4 N.m max torque, 240RPM	2 sets
104	Self-Healing Cutting Mats	Anezus Self Healing Cuttting Mat A3 Size, Polyvinyl Chloride, Green	Grid cutting mat for craft/model making, Size: A3 (30 × 45 cm), 3-layer PVC, self-seals cuts, Protects tables during cutting	5 mats
105	Hot Glue Guns	Themisto Hot Melt Glue Gun 60/100W Dual Wattage(Power) High Temp	60/100W dual wattage, Comes with 8 glue sticks, Glue stick diameter: 11mm, High quality plastic, sustains high pressure and temperature	5 units
106	Non-Contact Voltage Testers	amiciTools Touchless Voltage Detector Pen ,Non-Contact Electrical Tester	Detects live wires without contact, Beep and red light alerts, Covers 90V to 1000V AC voltage, Compact and portable design	5 units

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Sr. No.		Specifications	Detailed Specifications	Qty.
107	Fish Tape (Cable Puller)	Fish Tape Electrical Wire Threader Wire Puller and Fish Tape Fastener tool 33 FT(10M)	33 FT (10M) length, PET material, strong traction, good flexibility, Anti-aging and high temperature resistant, For electrical wire pulling	2 units
108	Glass Cutter	STANLEY 0-14-040 Glass Cutter with Steel Wheel	Handheld tool with hardened steel/tungsten carbide wheel, Suitable for scoring and cutting glass sheets, Ergonomic grip	2Nos
109	Wire Stripper	INGCO Wire Stripper, 2 in 1 Cable Wire Stripper with Cutter	Stripping size range: 0.5mm 6mm diameter, With cutting function, Non-slip handle, Made of 65Mn material blade	5 Nos
110	Tongue and Groove Pliers	WORKPRO Water Pump Pliers, 33mm Wide Jaw Capacity Quick Adjustable Tongue and Groove Plier	33mm jaw capacity, Quick adjustable with push-button, 12 adjustable positions, V-Jaw design for secure grip, Comfort grip handle	5 Nos
111	Air Compressor	Elgi, Bosch, Stanley, Makita	Portable, oil-free/oil-lubricated type, Tank capacity: 25-50 liters, Operating pressure: 8-10 bar, Motor: 1-2 HP	1Nos
112	Hot Air Gun	BLACK+DECKER Kx1800 Dual Temperature High Speed Heat Gun	1800 Watt, Up to 550°C, Airflow rate up to 750 L/min, 3 meter cable length, For paint removal, drying, shrink wrapping	5 Nos
113	Centrifugal Blower	BOSCH GBL 650 Professional Blower	650 W motor, Airflow of 3.7 m3/min. Lightweight & ergonomic design, Compatible with multiple nozzle attachments, 1.7 kg	2 Nos
114	Flashlights (Torch)	PHILIPS 5 Mode Aircraft Aluminium Alloy LED Flashlight	650 lm brightness, 2000mAh, Rechargeable, 5 lighting modes, Aircraft-grade aluminum alloy, 19.2 cm length	2 units

Sr. No.	Equipment Name	Specifications	Detailed Specifications	Qty.
115	Servo Motors (Standard)	Pro-Range OT5325M 7.4V 25kg.cm 180° Metal Gear Digital ServoMotor & TowerPro SG90 Continuous Rotation 360 Degree Servo Motor	Standard RC servo motors, 180° rotation, 5V operation, torque 1.5-25 kg·cm, For Arduino/robotics projects	10 units
116	DC Motors (High-Torque Metal Gear)	N20 Micro Gear 12V 100RPM DC Motor (High Torque) with Mounting Bracket and Motor Driver	N20 Micro Gear 12V 100RPM DC Motor, High torque, metal gear, For robotics and small-scale applications, with mounting bracket and driver	10
117	T Type GPIO Breakout	Electrobot T Type GPIO Breakout board for Raspberry Pi	Compatible with Raspberry Pi models, GPIO status LED, Independent LED driven by chip, Terminal block and header for all 40-pin GPIO	4
118	Breakout Board for Raspberry	FREENOVE Breakout Board for Raspberry Pi	Compatible with Raspberry Pi models, GPIO status LED, Terminal block and header for all 40-pin GPIO, GPIO name printed next to port	2
119	Raspberry Pi	Raspberry Pi 4 Model-B with 8 GB RAM	8GB LPDDR4 SDRAM, Desktop performance comparable to entry-level x86 PC systems, Broadcom BCM2711, Quad core Cortex-A72 (ARM v8) 64-bit SoC @ 1.5GHz	5
120	Raspberry Pi	Raspberry Pi 5 Model 8GB	8GB RAM, 64-bit quad-core Arm Cortex-A76 processor @ 2.4GHz, 2-3× increase in CPU performance compared to Pi 4, VideoCore VII GPU @ 800MHz	5
121	Raspberry Pi MCU	Raspberry Pi Pico W	RP2040 microcontroller chip, 2.4GHz 802.11n wireless LAN, 133MHz dual-core ARM Cortex-M0+ processor, 264KB of SRAM, 2MB of onboard flash memory	7

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Sr. No.	Equipment Name	Specifications	Detailed Specifications	Qty.
122	Teensy Development Board	Teensy 4.1 Development Board	ARM Cortex-M7 processor @ 600MHz, NXP iMXRT1062 chip, 4x larger flash memory than 4.0, Ethernet PHY, SD card socket, USB host port	4
123	Micro-HDMI (Male) to Standard HDMI (Male)	Official Micro-HDMI (Male) to Standard HDMI (Male) Cable for Raspberry Pi	1 meter long, Nickel plated connectors, Mylar-foil shielding, For Raspberry Pi 4 with Micro-HDMI ports	7
124	ESP32-S3- DevKitC-1	WeAct Studio ESP32-S3- DevKitC-1	WiFi 802.11b/g/n, Bluetooth 5.0 and Bluetooth mesh, Xtensa-R 32-bit LX7 dual-core processor @ 240MHz, 512KB SRAM, 384KB ROM	5
125	ESP32-C5- DevKitC-1-	Espressif ESP32-C5- DevKitC-1-N8R4 Development Board	Dual-mode wireless connectivity with Wi-Fi 6, Bluetooth LE, Zigbee, and Thread, 8 MB flash, 4 MB PSRAM, ESP32-C5-WROOM-1-N8R4 module	5
126	24/20 Pin ATX Breakout Board	24/20 Pin ATX Computer PC Power Supply Breakout Board Adapter Extension Module	Accommodates both 24-pin and 20-pin ATX power supplies, For PC power supply compatibility and troubleshooting	5
127	Prismatic LiFePO4 Battery	Highstar A Grade 3.2V 100Ah Prismatic LiFePO4 Battery	3.2V 100Ah, High energy density, Long battery life, Fast charging, Lightweight & compact, Low self-discharge, Environmental friendly	5
128	12.8V 100A Battery Management System	TDT LiFePO4 LFP 4S 12.8V 100A Battery Management System	OverCharge Protect: 14.6V, OverDischarge Protect: 9.28V, Discharge Current: 100A, Discharge Current for 10sec: 300A	2
129	Battery Active Equalizer Module	4S 1.2A Lithium Battery Active Equalizer Module	For 4 lithium-ion cells in series, Balances charge levels, Current rating: 1.2A, Automatic balancing, For DIY battery packs	5
130	27000mAh Power Bank 160W Total Output	boAt EnergyShroom PB600 PowerPulse 27000mAh Power Bank	27000mAh capacity, 160W total output, 100W PD, PPS Fast Charging, 2xUSB-C, 2xUSB-A ports, Compatible with laptops, smartphones	2

Sr. No.	Equipment Name	Specifications	Detailed Specifications	Qty.
131	120watt USB PD Module Board	Punoscho 120watt USB PD Two way Fast charging Module	Bidirectional PD sink and Source, Supports Fast charging protocols, Stable and all supported code are already encoded, Built in protection features, Supports wide range of charging voltages – 9V, 12V, 15V, 20V	2
132	LiPo LiFe / Li-ion/ NiCd/NiMH/Pb Multi Charger/Discharger	Multi	Adjustable digital DC Power, Built-in smart cooling fan, Multiple charging modes: Lipo/Lilo/LiFe/LiHv balance charge, charge, fast charge, storage, discharge; NiMH/NiCd: Charge, Discharge, Cycle; PB: Charge, Discharge, Battery Meter function, TVC, Lithium Battery internal Resistance Check, Data storage and loading	2
133	Lipo Battery Voltage Tester	1-8S Lipo Battery Voltage Tester	Input: 1S-8S Battery, Battery type: Lipo/LiFe/Li-ion/LiMn, Buzzer Alarm for low voltage indication, Measures each cell voltage, Cell Voltage Display Range: 0.5v-4.5v, Total Voltage Display Range: 3.7-36v, Alarm set values: Off or 2.7-3.8v	5
134	Lithium-Polymer Rechargeable Battery	HIGH FLY 14.8V 4800mAh 4S 60C Lithium-Polymer Rechargeable Battery	14.8V 4800mAh 4S 60C, XT60 connector, Stable 14.8V output with continuous current capacity up to 288A, For high-demand RC models	3
135	Breadboard Jumper Wires	65pcs Flexible Breadboard Jumper Wires	65pcs flexible jumper wires, Ideal for creating circuits between microcontroller and breadboard, Reusable for fast prototype building, Flexible, durable, reusable, easy to trace	5
136	Solderless Breadboard Jumper Cable Wire Kit	140 pcs U Shape Solderless Breadboard Jumper Cable Wire Kit	140 pcs U shape jumper wires, 14 different lengths and 8 colors, Lengths: 2,5,7,10,12,15,17,20,22,25,50,75,100, and 125 mm, Keeps projects neat and organized	5

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Sr. No	Equipment . Name	Specifications	Detailed Specifications	Qty.
137	Solderless Breadboard	Transparent 830 Points Solderless Breadboard	830 Solder-less Points, Compatible with resistance, diodes, transistors, LED's, Capacitors, Colored coordinates for easy components placement, Accept wire sizes 20-29 AWG	5
138	USB 4 Type-C to Type-C Cable with 240W Power	Stuffcool Primus USB 4 Type-C to Type-C Cable with 240W Power and 40Gbps Data with 8K Video Transmission	USB 4.0, 40 Gbps data transfer, Supports USB 4.0, 3.2, 3.1, 3.0, and 2.0, 8K video transmission at 60Hz, 240W Power Delivery, 1.8-meter length, Gold-plated connectors, E-marker chip	2
139	Unbreakable 3A Fast Charging 1.5m Braided Type C Cable	Ambrane Unbreakable 3A Fast Charging 1.5m Braided Type C Cable	3A fast charging, 480 Mbps data transfer, Supports Quick Charge 2.0/3.0, Compatible with all Type-C devices, Unbreakable braided design, 1.5-meter length	5
140	Unbreakable 60W / 3A Fast Charging 1.5m Braided Micro USB Cable	Ambrane Unbreakable 60W / 3A Fast Charging 1.5m Braided Micro USB Cable	60W/3A fast charging, 480 Mbps data transfer, Supports Quick Charge 2.0/3.0, Compatible with all Micro USB devices, Unbreakable braided design, 1.5-meter length	5
141	Industrial USB to RS485 Converter Adapter RS485 to USB RS 485	Spoinkky Industrial USB to RS485 Converter Adapter	Converts USB to RS-485 bidirectional signals, 5V operating voltage, Data rates: 300bps to 3Mbps, Stable transmission up to 1.2km, Protection circuits for industrial applications	2
142	Official Raspberry Pi AI Camera	Official Raspberry Pi AI Camera with SONY IMX500 Sensor	12MP Sony IMX500 Intelligent Vision Sensor, On-board AI processing, Neural network models run directly on camera, Offloads processing from host Raspberry Pi	2
143	Tinned Stranded Silicone Wire Kit - 5Colors X 10m(50m)	Pro-Range 20AWG Extra Soft Tinned Stranded Silicone Wire Kit	20AWG, 5 colors x 10m (50m total), Temperature resistant: -60°C to 200°C, Rated voltage: 600V, For drones, lithium batteries, 3D printers, LED lighting	5
44	Tinned Stranded Silicone Wire Kit – 5Colors X 4m(20m)	Pro-Range 16AWG Extra Soft Tinned Stranded Silicone Wire Kit	16AWG, 5 colors x 4m (20m total), Temperature resistant: -60°C to 200°C, Rated voltage: 600V, For drones, lithium batteries, 3D printers, LED lighting	5

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Sr.	Equipment	Specifications	Detailed Specifications	Qty.
145	Color Sensor	ACEBOTT Color Sensor	Model: ACEBOTT QB105, RGB color recognition, I2C output, Detection distance: 3-10 mm, Two- bright LEDs for low-light use	5
146	Industrial Grade PH Sensor	Industrial Grade Analog PH Sensor Kit	Analog pH Sensor for Arduino, BNC connector, PH2.0 sensor interface, LED Power Indicator, Comes in compact plastic box with foam	5
147	Turbidity Sensor Module	Turbidity Sensor Suspended Turbidity Value Detection Module Kit	Capacitive soil moisture sensor, Measures soil moisture by capacitive sensing, Corrosion-resistant material, Onboard voltage regulator: 3.3 5.5V	5
148	Capacitive Soil Moisture Sensor	Capacitive Soil Moisture Sensor	Capacitive soil moisture sensor, Corrosion-resistant material, Operating voltage: 3.3 5.5V, Compatible with 3-pin "Gravity" interface	5
149	MODBUS-RTU RS485 4-in-1 Soil Moisture, Temperature, pH & EC Sensor	DFRobot MODBUS-RTU RS485 4-in-1 Soil Moisture, Temperature, pH & EC Sensor	Measures soil temperature, humidity, electrical conductivity (EC), and pH, Power supply: 5-30V, RS485 data transmission, MODBUS-RTU protocol, IP68 protection, 316 stainless steel probe	5
150	Analog TDS Water Conductivity Sensor Module	Techtonics Analog TDS Water Conductivity Sensor Module	TDS sensor for measuring TDS value of water, 0 1000ppm range, 3.3 5.5V wide voltage input, 0 2.3V analog voltage output, Compatible with Arduino boards	5
151	Soil N.P.K. Sensor	FirstRate FST100-2006E Soil N.P.K. Sensor	Material: 316L stainless steel, Range: 0~1999mg/kg (mg/L), RS485 interface, Detects nitrogen, phosphorus and potassium content in soil	5
152	K Type Thermocouple Sensor Measure	MAX6675 Module+K Type Thermocouple Sensor Measure	MAX6675 module, Operating Voltage: 3.3 5.5VDC, Temperature Range: 0 to +1024°C, Cold Junction Compensation: -20 to +80°C, Resolution: 0.25°C, SPI serial output, Thermocouple break detection	5
153	M.2 NVMe Enclosure	UGREEN M.2 NVMe Enclosure 10Gbps USB C 3.2 Gen 2	10Gbps Speed, Supports NVMe M/B+M Key, Fits 2230/2242/2260/2280 SSDs up to 8TB, RTL9210 Chip, Aluminum Case with Thermal Pad, Multi-OS Compatible	2

Sr. No		Specifications	Detailed Specifications	Qty.
154	Amazon Basics USB 3.0 to RJ45 Ethernet LAN Adapter	Amazon Basics USB 3.0 to RJ45 Ethernet LAN Adapter	Up to 10/100/1000 Mbps, Compatible with Windows, Mac OS, Chrome OS, Linux OS, Plug and play, no drivers needed, Aluminum casing for heat dissipation	3
155	Cat 6 Patch Cord for Modem (Grey, 2 m)	D-Link RJ45 Cat 6 Patch Cord for Modem (Grey, 2 m)	2 meter stranded type, Conductor: 24 AWG, Snagless cable, 1000base-t Ethernet transmission	5
156	750 V3 Bronze ATX 3.1 Power Supply	Cooler Master MWE 750 V3 Bronze ATX 3.1 Power Supply	750 Watt, 80 Plus Bronze Certified, Quiet HDB fan, Single +12V rail, DC-to-DC technology, ATX 3.1 support, Non Modular	2
157	Official 27W adaptor for Raspberry Pi 5	Official 27W USB-C PD Power Supply for Raspberry Pi 5	27W USB-C PD Power Supply, 5.1V, 5A output, Enables Raspberry Pi 5 to power wider range of peripherals, Increases USB port power limit to 1.6A	5
158	Hi Link HLK-20M12 12V/20W Switch Power Supply Module	Hi Link HLK-20M12 12V/20W Switch Power Supply Module	12V/20W output, AC input: 100 240V, Low ripple and low noise, Output overload and short circuit protection, High efficiency, Meets UL, CE requirements	10
159	Hi Link HLK-20M05 5V/20W Switch Power Supply Module	Hi Link HLK-20M05 5V/20W Switch Power Supply Module	5V/20W output, AC input: 100 240V, Low ripple and low noise, Output overload and short circuit protection, High efficiency, Meets UL, CE requirements	10
160	G5LE-14 DC5-OMRON ELECTRONIC COMPONENTS	G5LE-14 DC5-General Purpose Relay, G5LE Series	Power, Non Latching, SPDT, 5 VDC, 10 A, Coil Resistance: 63ohm, Contact Voltage: 250VAC/30VDC, Contact Material: Silver Tin Oxide, Through Hole mounting	10
61	1500PCS 75 kinds specifications × 20PCS 1/4W Metal Film Resistor Pack	Pro-Range New 1500PCS 75 kinds specifications × 20PCS 1/4W Metal Film Resistor Pack	1/4W Metal Film Resistor, Error 1%, 75 kinds specifications × 20PCS, Axial-lead metal film resistors, Better temperature stability than carbon, Lower noise, Better for high frequency applications	10
62	600 pcs. Resistor Assorted kit – 30 Kinds	600 pcs. Metal Film Resistor Assorted kit – 30 Kinds	1/4W 1% Tolerance Metal Film Resistors, 5 color bands, 30 kinds, Great assortment for front ends and low power applications, Better temperature stability, Lower noise	5

Sr. No.	Equipment	Specifications	Detailed Specifications	Qty.
163	Touch Screen Module TFT Interface 240*320	2.8 inch SPI Touch Screen Module TFT Interface 240*320	2.8 inch display, 240*320 resolution, Can be used in 8-bit and SPI modes, For 8-bit mode: 12 lines total, SPI mode: 5 pins total, 4 pins for touchscreen (2 digital, 2 analogs)	5
164	1.8 Inch LCD Module 128*160	1.8 Inch ST7735 TFT LCD Module with 4 IO 128*160	1.8 inch display, 128*160 resolution, ST7735S driver IC, Serial peripheral interface, Working temperature: -20 70°C, Effective LCD area: 28.03 x 35.04 mm	5
165	Radxa X4 Credit Card Size SBC	Radxa X4 Credit Card Size SBC	Intel N100 processor, 8GB RAM, No eMMC, Credit card-sized Single Board Computer, For developers, tech enthusiasts, and professionals	3
166	2230 500GB SSD PCIe Gen 4x4 R/W Internal Solid State Drive	SP Silicon Power UD90 2230 500GB SSD PCIe Gen 4x4	500GB capacity, M.2 2230 form factor, PCIe Gen 4x4, Read speeds up to 5,000MB/s, Write speeds up to 3,200MB/s, Ultra-efficient thermal design	2
167	Transistor Tester Kit	Soldered GM328A Transistor Tester DIY Kit	Tests NPN and PNP triode common emitter current amplification factor, Identifies Darlington transistors, Measures resistors and equivalent series resistance (ESR) for capacitors, Black English Version Assembled	2
168	60/40 Tin/Lead Tin Lead Solder Wires	Saru 60/40 Tin/Lead Tin Lead Solder Wires	60/40 Tin/Lead, No-clean flux cored wire, For electronics industry, Excellent wetting characteristic, Recommended for fast cycle time soldering, Low to medium post process residues	5KG
169	Aluminium Body Desoldering Pump	SOLDRON High Quality Black Aluminium Body Desoldering Pump	Aluminium metal body, Heat-resistant replaceable silicone tip, Strong suction, Durable build, Economical desoldering solution	5
170	Portable Power Station	EF ECOFLOW RIVER 2 Max	512Wh LiFePO4 Battery, 10 Year Lifespan, 0-100% Charge in 60min, 230V/50Hz AC Output (India), Powers up to 11 Devices, 5KG Weight, For Outdoor/Home Backup	1
71	Laser Engraver	Creality Falcon 2 22W Laser Engraver and Cutter	22W Diode Laser, 400x415mm Work Area, Built-In Air Assist, Safety Features, LightBurn/LaserGRBL Support	1

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Sr. No.	Equipment Name	Specifications	Detailed Specifications	Qty.
172	Cooling Fan for Control Board	Bambu Lab X1CC, P1P	High-Performance Replacement Fan, For X1CC & P1P Control Board, Efficient Cooling, Easy Installation, Durable & Reliable	1
173	Infrared (IR) Handheld Temperature Meter	GM320 Non-Contact Infrared (IR) Handheld Temperature Meter	-50 to 330°C Range, ±1.5% or ±1.5°C Accuracy, 0.1°C Resolution, 3V DC Power	2
174	'MicroSD Card	SanDisk 64GB High Endurance Video MicroSDXC Card	64GB, High Endurance, C10, U3, V30, 4K UHD, Harsh Condition Proof	3
175	Multi-Card Reader	Digitek (DCR-007) USB-A 3.0 & Type C Multi-Card Reader	Supports SD/Micro SD variants,	2
176	3D Scanner	Creality CR-Scan Ferret SE	0.02mm Accuracy, 5mm-2000mm Working Distance, 60fps Scan Speed, 24-bit Color, Anti-Shake	0
177	Toolkit for 3D Printers	3IDEA CR LCD Common Toolkit for 3D Printers	Comprehensive Tool Set, Hassle-Free Maintenance, Durable Build, FDM Printer Compatible	1
178	Filament Splicer	SunLu Filament Splicer	Fuses Leftover Filaments, Multi-Color Fusion, Heats to 185°C in 3min, PLA/ABS/PETG Compatible	3
179	3D Printer Camera for Creality	3 idea Imagine Create Print CR K1 AI Camera	AI-Detection, Easy Installation, Time Lapse Filming, Compact Design	1
180	3D Printer Camera for Bambu Lab's	X1CC CHAMBER CAMERA	1080p Full HD, 110° Lens, Real-Time Remote Monitoring, AI-Powered Spaghetti Detection	1
181	Filament Storage	Creality CFS	16-Color Capacity, Auto Identification & Switching, Run-out/Tangle Detection, Moisture-proof	1
182	Heat Bed Single Cable	X1CC / P1P Heat Bed Single Cable	6-Pin 1.25mm MX Connector, 555mm Length, For Temperature & Leveling, X1/P1 Series Compatible	1
183	EXTRUDER Unit	X1CC Hardened Steel EXTRUDER Unit	Hardened Steel Double Gears, High Extrusion Force, Abrasion Resistant, Filament Break Sensor	1

Sr. No.	Equipment Name	Specifications	Detailed Specifications	Qty.
	Nozzle Wiper	X1CC & P1P Nozzle Wiper	Easy Replacement, Secure PTFE Lock Screw, Efficient Cleaning, X1/P1 Series Compatible	1
185	Activated Carbon AIR Filter	BAMBULAB X1CC Activated Carbon AIR Filter	VOC Absorption, Honeycomb Structure, Hassle-Free Installation, Durable	1
186	Hardened Steel Nozzle (0.6mm)	X1CC Complete HOTEND Assembly with HARDEND Steel Nozzle 0.6 MM	0.6mm Hardened Steel Nozzle, Complete Assembly, High Durability, Improved Print Quality	1
192	3D Printer Filament Storage Rack	Indian Decor 56698 3D Printer Filament Storage Rack	Holds 40 Spools, 3-Tier Metal Design, 80lbs/Tier Capacity, Powder-Coated, Stable Base	5
193	ABS 3D Printing Filament	FibReel-fab ABS (Multiple Colors)	Low-Cost, Durable, High Heat Resistance, Good Mechanical Properties, Toughness, Impact Resistant	3
194	ABS FR 3D Printing Filament	FibReel-fab ABS FR (Natural, Black)	Flame-Retardant, Toughness, Heat Resistance, Machinability, For Electronics/Automotive/Industrial	3
195	ASA 3D Printing Filament	FibReel-fab ASA (White, Natural, Black)	UV Resistant, Impact Resistant, Temperature Resistant, Water-Resistant, Chemical Resistant	3
196	HIPS 3D Printing Filament	FibReel-fab HIPS (White, Black)	High Impact Resistance, Smooth Finish, Soluble Support Material for ABS, For Prototypes/Models	3
197	HTPLA 3D Printing Filament	FibReel-fab HTPLA (Multiple Colors)	Heat-Treatable, High Temperature Stability, Exceptional Finish, For Functional Prototypes/Parts	3
198	PETG 3D Printing Filament	FibReel-fab PETG (Multiple Colors)	Durable, Moisture Resistant, Minimal Warping, Food-Safe, For Mechanical Parts & Outdoor Use	3
199	PLA 3D Printing Filament	FibReel-fab PLA After Glow (Green, Blue, Yellow)	Glow in the Dark, Phosphorescent, Requires Charging by Light, Fun & Decorative Applications	3
200	PLA Glass 3D Printing Filament	FibReel-fab PLA Glass (Multiple Colors)	Semi-Translucent, Chemically Stable, High Temperature Resistance, Acid Resistant	3
201	PLA Marble 3D Printing Filament	FibReel-fab PLA Marble (PLA Marble)	Marble-like Appearance, Unique Aesthetic, Easy to Print, Special Pigments & Binding Polymers	3

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Sr. No	Equipment Name	Specifications	Detailed Specifications	
202	PLA Silk 3D Printing Filament	FibReel-fab PLA Silk (Multiple Colors)	Silky-Smooth Finish, Reflective, Satin-like, Stronger Than Standard PLA, Excellent Layer Adhesion	3
203	PLA Solid 3D Printing Filament	FibReel- fab PLA Solid (Grey, Red, Orange, Black, Pearl White, White)	Easy to Print, Low Printing Temperature, Biodegradable, Sweet Aroma, Versatile, Beginner Friendly	3
204	PLA Wood 3D Printing Filament	FibReel- fab PLA Wood (PLA Wood)	40% Recycled Wood Fibers, Realistic Wood Color/Finish/Smell, Infinite Design Possibilities	3
205	Double sided FR4 Copper Clad PCB Board	DiT LAB 6x4 inch (15x10 cm) Double sided FR4 Copper Clad PCB Board	FR4 Material, 6"x4", Double-Sided, 1oz Copper Thickness, 2 pieces	30
206	Single Sided inch (30cm x Copper Clad FR4 30cm) Copper		FR4 Material, 12"x12", Single-Sided, 1oz Copper Thickness, 1 piece	50
207	Steel Wool Kaden Apparel Grade 0000 Steel Wool Fine 1.50m Wire Roll Pad		Super Fine Grade, Low-Carbon Steel, For Ultra-Fine Polishing/Cleaning of Metal/Glass/Wood	10
208	8 x 12 cm Universal PCB Prototype Board Single-Sided 2.54mm Hole Pitch		8cmx12cm, Single-Sided, 2.54mm Hole Pitch, 1mm Hole Size, Perfboard/Protoboard	50
209	Twist Drill Kit 0.5mm 1.0mm		HSS Material, Sizes: 0.5, 1.0, 1.5, 2.5, 3.0mm (2 each), 3.17mm Shank, For Rotary Tools	5
210	Twist Drill Kit 0.7mm 8.0mm		HSS Material, Sizes: 0.7, 8.0, 1.0, 1.2, 1.4mm (2 each), 3.17mm Shank, For Rotary Tools	5
211	Set mm, 6 mm, 7 mm.		Carbide Tip, Sizes: 3,4,5,6,7,8,9,10mm, Round Shank, 8 pieces	5

Sr.	Equipment Name	Specifications	Detailed Specifications	Qty.	
212	Mini Electronic	2.3mm Mini Electronic Drill Chuck Range 0.5-3.2mm Shank Shaft Adapter	0.5-3.2mm Capacity, 2.3mm Shank, Adapter for Small Tools/Dremels	5	
213	1	7pcs 3.17mm Mini Drill Chucks For Rotary Power Tools	3.17mm Shank, Dedicated Sizes: 0.5, 1.0, 1.5, 2.5, 3.0mm, 7 pieces	5	
214	ST Link V2 Programmer	ST Link V2 Programmer For STM8 and STM32	For STM8/STM32, SWIM/SWD/JTAG Interfaces, 20-pin JTAG & 4-pin SWD, USB 2.0	5	
215	STM32F103C8T6 Minimum System Board	STM32F103C8T6 Minimum System Board Microcomputer STM32 ARM Core Board	STM32F103C8T6 MCU, ARM Cortex-M3, 64KB Flash, 20KB RAM, 72MHz, 37 I/O Pins	5	
216	STM32F411CEU6 Minimum System Board	STM32F411CEU6 Minimum System Board Microcomputer STM32 ARM Core Board	STM32F411CEU6 MCU, ARM Cortex-M4 with FPU, 512KB Flash, 128KB RAM, 100MHz, USB OTG	5	
217	MPU9250 9-Axis Attitude Gyro Accelerator Magnetometer Sensor Module Sensor Module		9-Axis (Gyro+Accel+Mag), I2C/SPI Interface, 3.3V, Motion Tracking	5	
218	HW-290/GY-87 10DOF Sensor (MPU6050, Module HMC5883L, BMP180)		10-DoF (Gyro, Accel, Mag, Baro), I2C Interface, 3-5V, Attitude/Heading/Altitude Sensing	5	
219	VL53L1X Lidar Holybro ST		VL53L1X ToF Sensor, Long-Range Detection, I2C Interface, 2.6V-3.5V, Distance Measurement	5	
220	W25Q128 Flash Storage Module	W25Q128 Large Capacity Flash Storage Module	128Mb (16MB) Capacity, SPI Interface, 2.7V-3.6V, Non-volatile Data Storage	5	
22	2.4GHz NRF24L01 NRF24L01+PA+L		LNA, +20dBm Output, Range: 1000m+, SMA Antenna, 3.3V	5	

Sr. No		Specifications	Detailed Specifications	Qty.
222	EBYTE E01-2G4M27D EBYTE E01-2G4M27D Ebyte NRF24l01 PA LNA 27dBm Wireless Module 2.4GHz Wireless Transceiver Module		NRF24L01+ with High-Power Front-End, +27dBm Output, Very Long Range, SPI, 5V for RF	5
223	DSP PLL FM Transmitter Module	DSP PLL 87-108Mhz Stereo FM Transmitter Module	87-108MHz FM Band, DSP & PLL, LCD Display, Stereo Audio Input, Low Power	5
224	RF Wideband Amplifier LNA Module 0.1-2000mhz RF Wideband Amplifier Gain 30db Low-Noise Amplifier LNA Board Module		100kHz-2000MHz Range, 30dB Gain, Low-Noise, Boosts Weak RF Signals	5
225	5D Rocker Joystick for Arduino, MCU, AVR Game Projects		Analog X/Y Axis, Digital Pushbutton, 3.3V-5V, For Games, Robotics, RC Controllers	5
226	Micro SD Card Reader Module Reader Module		SPI Interface, Micro SD & SDHC Support, 3.3V Regulator & Level-Shifting, 6-pin	5
227	Outemu Mechanical Switches	Outemu Mechanical Switches for Swappable Keyboards (Pack of 20)	MX-Style, 3-Pin, Various Colors (Actuation Type Varies), Pack of 20, For Hot-Swap Keyboards	5

Sr. No	Equipment . Name	Specifications	Detailed Specifications	
228	PCB Milling/Prototype Machine	PCB Milling	A complete Design and Implementation solution from concept to prototype EDWinXP Design software 01 user, it should be capable of 1. Circuit Design (Schematic Capture). 2. Circuit Simulation using ED spice. 3. Microcontroller co-simulation. 4. PCB layout Design. 5. Thermal Analysis of PCB layout. 6. EMI /EMC and signal integrity Analysis of PCB layout. 7. Fabrication Manager for exporting Manufacturing Data. 8. Fabrication Manager should be able to open & view Gerber files package EDWinXP to offer seamless integration in different modules. PCB Router Machine Features required: Effective working travel (X, Y, Z): 230 (X) mm *170 (Y)mm * 25(Z) or better Max PCB Size: 200*140mm or better Operation supported: Single sided and double sided PCB Spindle motor: 12000 RPM/Min, Air cooling Spindle or better Principal axis collet: ER11/3.175 mm or better Positional accuracy: 0.05 mm or better Maximum Speed: 4000 mm/min or better Travel Speed X/Y: 40 mm/sec or better Operating Voltage: 220V-240V / 50 Hz or better Software: TrackMaker with USB Dongle License Computer interface: USB	Qty. 1
229	Soldering Station Weller WE 1010 Electric Series		70W power, 450°C max temperature, Digital interface with LCD screen, ESD safe, Temperature stability: +/- 2°C	3
230	Hot Air Rework Station	Atten ST-862D 1000W Lead Free Hot Air SMD Rework Station	1000W power, Temperature: 100-480°C, Three programmable channels, Adjustable airflow up to 120L/min, Brushless motor	2
231	Desoldering Soldering Machine/Pump Desoldering Station		2-in-1 desoldering rework station, 110W soldering iron, Wide temperature range, Digital display, ESD-Safe	1

Sr.		Specifications	Detailed Specifications	
232	with Stand magnifying glass		22W power, 5x magnification, Adjustable stand, Ideal for detailed inspection and manipulation	2
233	Mixed-Signal Oscilloscope (MSO) Teledyne LeCroy T3DSO3354- PROMO-1		4 Channel / 350MHz, Mixed Signal Oscilloscope w/ MSO Probe, Serial bus decoders for I2C, SPI, UART, CAN, etc.	1
234	Digital Storage Oscilloscopes Hantek DSO 4254C 4CH oscilloscope		4-channel, 250MHz bandwidth, 1GS/s sampling rate, 7-inch TFT color display, Built-in 25MHz function generator	3
235	Function/Signal Generator UNI-T UTG1022X Func- tion/Arbitrary Waveform		High-performance function generator, Resolution: 1µHz, Max output frequency: 20MHz, Sample rate: 200MSa/s	1
236	DC Regulated Power Supplies OWON SPE6102 1 CH DC Power Supply		60V, 10A, 200W, 4½-digit digital multimeter, Over-voltage and over-current protection, Programmable output sequences	3
237	Multimeter Fluke 17B Max		Input Alert Audible and Visual Alarm—Increased Safety Standard Test Leads with Fine Tips – Insight One-Key Wake-Up — High Efficiency Comes with TL75, TL31 & 80BK-A Probes Frequency and temperature measurement	2
238	Multimedia Projector Samsung SPLFF3CLAXXXL (2300 lm)		2300 lm brightness, Wireless, Remote Controller, HDR 10+, Wi-Fi, 360 Degree Sound, Compact Smart LED Projector	1
239	Heavy-Duty Color Color		Prints up to 20 ppm, 12x18 colour multifunction, 6 GB memory, 256 GB SSD, Automatic duplex printing, ADF for scanning	1
40	Interactive Smart Board Display Juch 4K UHD Flat		31.5" 4K UHD, Quantum Dot OLED Panel, 240Hz refresh rate, 0.03ms response time, 99% DCI-P3, DisplayHDR True Black 400	1
41	Computers (Tower Tower Workstation Workstations) PC		CPU: Intel Core i7 (13th Gen or newer), Memory: 32 GB RAM, Storage: 1TB SSD + 2TB HDD, Dedicated GPU 4 GB	5

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Sr. No		Specifications	Detailed Specifications	Qty.
242	All-in-One Desktop PCs	Apple 2024 iMac All-in-One Desktop Computer with M4 chip	M4 chip with 10-core CPU and 10-core GPU, 60.96 cm (24") Retina Display, 16GB Unified Memory, 256GB SSD Storage	3
243	Vacuum Cleaner (Wet & Dry)	EUREKA FORBES Euroclean WD X2 Wet & Dry Vacuum Cleaner	Wet and dry cleaning, Reusable dust bag, Smart LED indicator, On-board accessory storage, Auto clean feature	1
244	Electronic Testing Kit (LCR meter & Variac)		LCR Meter: Handheld, test frequency up to 100kHz; Variac: 480VA, 240V input, 0-240V/0-270V output, Single phase	1 set (2 items)
245	3D Printer Filament (Assorted)	FibReel-fab All type of material and all colour Filament Scroll(Assorted)	Assorted 1.75 mm filament spools: PLA, ABS, PETG, TPU, PLA+ or PLA-CF, PEEK or Nylon, Total 12 spools (1 kg each)	12 spools
246	3D Printer Resin (Assorted)	Any good quality UV resin	Photopolymer resins for SLA printer: Standard resin (gray or clear), Flexible (elastic) resin, Tough or high-temp resins	15 bottles (ap- prox.)
247	Acrylic Sheets	Cast acrylic sheets	Clear or colored acrylic sheets for laser cutting, Thickness: 2mm, 3mm, 4mm, 5mm, Size: Standard sheet 8x4ft, 2 sheets of each type	2 each type
248	Foam Sheets (for prototyping)	High-density foam boards	Rigid foam sheets (e.g., sunboard or depron), Thickness: 5 mm, Size: 8x4ft, For making quick prototypes, carving	2 sheets
249	Assorted Fasteners (Nuts, Bolts, Screws, Washers)	1110PCS Nuts and Bolts Assortment Kit, Stainless Steel Hardware Assortment Kit	1110PCS hardware assortment, Stainless steel 304, corrosion resistant, Includes various sizes of screws, nuts, washers	100 each
250	Studs	Standard metal hardware	6mm, 8mm, various lengths	5 each
251	Adhesives (Epoxy, Glue)	M-Seal, Feviquick, Fevi Bond etc.	Epoxy adhesive tubes (two-part, 5 min fast setting), Super glue (cyanoacrylate), General-purpose synthetic glue (Fevicol)	10 packs
252	Double-Sided Tape (Foam and clear)	Scotch Double Sided Tape by 3M (1m holds 4.5Kgs)	For indoor hanging applications, Double-sided transparent tape for crafts, 10 rolls of each type (20 rolls total)	20 rolls total

Si		Specifications	Detailed Specifications	Qty.	
25	PVC Pipes (for prototyping frames)	PVC conduit pipes	PVC pipe sections, diameter: 0.75", 1", 1.5", 2.5", 3', Length: 10ft	1 Each	
254 Aluminum Channel Sections 12 Feet Aluminium Channel Channel		Aluminium	Thickness: 2 mm, Size: 12 Feet, Finishing: Mill Finish, Material: Aluminium	2 Each	
25	5 Solder Flux Paste	Soldron Soldering and Desoldering Flux - 200ml	Non-corrosive and non-conductive flux, Ideal for all soldering applications, 200ml jars	5 jars	
256	Desoldering Wick (Solder Braid)	Desoldering Wick 1.5m Copper	Copper threads braided together, Effective for faster and cleaner desoldering, Used with heated soldering iron	10 rolls	
257	PCB Power Drill machine	Generic (mini machine)	Rotary tool with collets, Versatile for cutting, grinding, polishing, engraving, or drilling	3 units	
258	Breadboard	Generic High Quality	High-quality breadboard for prototyping circuits, secure connections, reusable	10 units	
259	Refrigerator (for Materials Storage)	LG/Samsung or equivalent (Domestic)	Double-door frost-free, Capacity: 250-300 L, Stabilizer-free operation, Adjustable shelves	1	
260	Electric Oven (Convection) Usha / Bajaj OTG or equivale		Convection heating oven, Capacity: 30-40 L, Temperature: Up to 250°C, Comes with baking tray and grill rack	1	
261	Microwave Oven	Any standard brand (LG/Samsung)	Solo microwave, Capacity: 20 L, Power: 700-800 W, For lab use (not for food once used with lab items)	1	
62	Magnifying Lamp desktop		22W power, 5x magnification, Adjustable stand, Ideal for detailed inspection and manipulation	2	
63	(USB) Digital Microscope		1600X magnification, 1080p Full HD video record, 25.65 cm (10.1 inch) LCD display, HDMI output	1	
64	Laser Printer Canon LBP2900B (USB) Laser Printer		1 Year warranty from Canon, 15 kg volumetric weight, Cartridge no.: 303	4	
55	5 Scanner Canon LBP290 12ppm Laser Printer		Scanning Technology: CCD, Scanning Resolution: 600 dpi, Interface: USB	2	

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Important Note

If any item above is quoted as a different make/model, the bidder must clearly specify the brand and model and provide supporting technical brochures to demonstrate equivalence or superiority. All quantities specified are the minimum required; the bidder should supply exactly these quantities (any voluntary additional items or higher quantities may be considered gratis). Accessories that are standard with the equipment should be included (power cords, adapters, software, basic kits, etc.). All equipment must be new and unused and comply with relevant safety standards.

Terms and Conditions

The following Terms and Conditions apply to all bidders and shall be part of the contract. By submitting a bid, the bidder agrees to these terms in full:

General Information

All goods and materials must be supplied in the quantities and specifications mentioned in the purchase order. Delivery of all items shall be at Swami Keshvanand Institute of Technology, Management & Gramothan, Ramnagaria Jagatpura Jaipur, Rajasthan - 302017 (exact department/lab address will be provided in the P.O.). The supplier is responsible for onsite installation and commissioning of applicable equipment. The entire supply and installation process should be completed within 30 days from the date of purchase order. The tender/contract shall remain valid for a period of 3 months from the date of award, during which orders may be placed. Bids must remain valid for at least 90 days from the final bid submission date. The purchaser reserves the right to increase or decrease quantities (up to $\pm 10\%$) at the time of order. Partial bids (quoting only for some items) are not permitted and will be rejected – the bid must cover ALL items in the equipment list.

Bid Submission Guidelines

Bids should be submitted in two parts: Technical Bid and Financial Bid, each in separate sealed envelopes (or separate PDF files if submitted via email). The envelopes/files should be clearly marked "Technical Bid AICTE IDEA Lab Equipment" and "Financial Bid AICTE IDEA Lab Equipment," respectively. Both should then be enclosed in a single sealed outer envelope addressed to The Chief Mentor & Principal Swami Keshvanand Institute of Technology, Management & Gramothan, Ramnagaria Jagatpura Jaipur, Rajasthan - 302017. If submitting by email, the documents should be password-protected and emailed to the designated official email (to be provided), with instructions to share the password after the tender opening time.

Deadline: The bids must reach the above address (or email inbox) on or before 14/10/2025, 3:00 PM. Late submissions will not be considered. In the case of hardcopy submissions, the bidder should sign and stamp each page of the tender document (including all annexures) as acceptance of terms. The Financial Bid must be in a separate sealed cover and include the price for each item and total in the given format. No pricing information should appear in the Technical Bid.

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Technical Documentation and Compliance

The Technical Bid must include detailed technical literature, brochures, and data sheets for each quoted equipment/model. The bidder should provide a compliance statement against each specification in the tender's equipment list, clearly indicating any deviations. Supporting documentation for compliance (such as highlighted catalog pages) is required. The Technical Bid should also include:

- Filled Technical Specifications Compliance Sheet (as per the format, if provided).
- List of any optional accessories or upgrades suggested (with technical details, but without prices in technical bid).
- Past performance/installation references: a list of at least 3 institutions where similar equipment has been supplied (optional but preferable).
- Any other documents needed to demonstrate the product quality (ISO certificates, safety standard compliances, etc.).

The bidder must ensure that all quoted items meet the minimum required specifications. Mere mention of "complied" without supporting evidence may be treated as non-compliance. The purchaser reserves the right to verify specification claims through demonstration (if needed) before finalizing the award.

Eligibility and Qualification Criteria

Bidders must be Original Equipment Manufacturers (OEM) or authorized distributors & dealers of the OEM for the items quoted. Valid authorization letters from OEMs should be enclosed in the Technical Bid for all major equipment. The bidder should have a legal presence in India and must not have been blacklisted by any government or PSU in the last 5 years (a self-declaration to this effect should be provided). The bidder should have experience in supplying and installing similar laboratory equipment – supporting documents such as purchase orders or completion certificates may be included. The bidder must be financially sound (the purchaser may ask for financial statements or IT returns for the last 3 years from the winning bidder for verification). The Institute may also require the bidder to arrange a demonstration of certain equipment (such as 3D printer, CNC,PCB etc.) if needed, prior to final technical qualification – inability to demonstrate basic functionality as claimed can lead to disqualification.

Warranty and Support

The supplied equipment shall carry a comprehensive onsite warranty of at least 3 years from the date of installation (or as specified in the equipment list, whichever is greater). During this warranty period, the vendor must provide free repair/replacement of any defective components or entire unit as necessary. Warranty service shall be onsite, meaning the vendor will arrange for technicians to come to the Institute to diagnose and repair, or if the item must be taken off-site, the vendor will handle logistics at no extra cost. All software (if any, like CNC controller software, CAD/CAM, etc.) should be licensed and updated to latest version at the time of installation. The bidder should also guarantee

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availability of spare parts for at least 5 years from date of supply. In case of any critical equipment failure, the vendor should respond within 48 hours of complaint during the warranty period. For items like 3D printers, CNC, etc., training must be provided on operation and basic maintenance to lab staff at the time of installation (this will be arranged in coordination with the institute's schedule). Bidders are encouraged to quote separately (as an option) for Annual Maintenance Contract (AMC) beyond the warranty period for future support – however, AMC charges will not be included in evaluation, since it is optional.

Evaluation of Bids

The evaluation will be carried out in two stages - Technical and Financial. The Technical Committee will first evaluate the Technical Bids for compliance with the required specifications and eligibility criteria. Only those bids that are technically qualified (meeting all essential specs and terms) will proceed to the financial evaluation. The Financial Bids of technically qualified bidders will then be opened. The contract shall be awarded to the lowest priced bid (L1) among the technically compliant bids. The L1 will be determined on the total cost of all items combined (inclusive of all taxes, duties, and any other charges). During financial evaluation, if there is any arithmetic error in totals, the unit prices shall be considered correct and totals re-calculated. The purchaser reserves the right to negotiate with the L1 bidder if the prices of certain items are found unreasonable. If the lowest bidder is unable to supply all items or is found technically non-responsive, the next lowest bidder (who is technically compliant) may be considered for award. The Institute also reserves the right to accept or reject any or all bids, or to annul the tender process, without assigning any reason and without incurring any liability to the affected bidders. The decision of the tender evaluation committee shall be final and binding on all participants.

Contact Information & Important Notice

For any clarifications regarding this tender, bidders may contact the following office:

2 Dr. Nilam Choudhary

IDEA Lab Coordinator

Swami Keshvanand Institute of Technology, Management & Gramothan

Ramnagaria Jagatpura Jaipur, Rajasthan - 302017

Mobile: +91 9829803880

Email: nilam@skit.ac.in

(For query purposes only; not for bid submission)

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A Important Notice:

- All queries must be made in writing (email) at least 3 days before the last submission date.
- Responses to significant queries will be communicated to all prospective bidders by email or posted on the institute website.
- Bidders are requested to study the tender document thoroughly and ensure they submit all required information.

Issued by:

Principal & Chief Mentor

Swami Keshvanand Institute of Technology, Management & Gramothan

Jaipur, Rajasthan Date: 06/10/2025

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