

## HALDIA INSTITUTE OF TECHNOLOGY








Sealed quotations (in the prescribed format only) are invited from the resourceful vendors for the following lab consumables for the department of Electronics & Communication Engineering. Last date of submitting quotation is 24/01/2025. The Institute has discretion to cancel the quotation if not maintained the format.








Principal, HIT

S.NO.	ITEM WITH DESCRIPTION		QTY	UNIT PRICE	GST %	WITH GST UNIT PRICE	AMOUNT AS PER QTY.
1	Lith Film	Lith Film 250mmx 300mm (10"x12")	10				
2	Lith Film Developer	Lith Film Developer A&B(5 Ltrs)	1				
3	Lith Film Fixer	Lith Film Fixer	1				
4	Liquid Photoresist	Liquid Photoresist 1 Ltrs	1				
5	Photoresist Thinner	Photoresist Thinner 1 Ltrs	1				
6	Photoresist Developer	Photoresist Developer 1Ltrs	2				
7	Photoresist Dye	Photoresist Dye 1Ltrs	2				
8	Roll Salt	Roll Salt 1kg	2				
9	Flow Coat	Flow Coat 1/2 Ltrs	1				
10	FeCl <sub>3</sub>	PCB Etching Powder (500 g) /Paste	4				



11	Sandpaper (800 Mm)	3m Grit 800 Wet Or Dry Emery Sand Paper Sheet 9x11 Inch Size		10				
12	Acryform	Acryform (Bharat Bijlee DC Acryform Conformal Coating for PCB)		2				
13	PCB Drilling Machine	Voltz 5166A 220V 480 W Mini DIY Electric Bench Drill Machine		1				
14	Drilling Bit	Drill Bits set 0.3 to 1.6mm, 20 different size (10piece each required)		200				
15	Cloth Iron	1000 Watts Dry Iron		2				







16	Plastic Tray	High-Quality Durable Plastic Material, Dimensions: 27 cm x 22 cm x 5 cm		10				
17	Tissue Paper	Toilet Paper Roll		10				
18	Needle for Biology	Needle for Biology		10				
19	Permanent Marker Pen	Black		10				
20	FR4 PCB Clad	FR4 Glass Epoxy - A Grade (300mm x 300mm)		20				
21	Distilled Water	Distilled Water (5L)		2				
22	Water Measuring Mug	Plastic measuring Cup 500ml		2				

23	Plastic Tweezers	Plastic Tweezers		10				
24	Chemical Dust Measuring Cups	160ml PVC Measuring Cup, For Chemical Laboratory		2				
25	Scale for Measurement	Stainless Steel Scale Measure Scale 12 Inc. (30 cm) Scale		2				
26	Siser Cutter	Stainless Steel All-Purpose Scissor		2				
27	Safety Glasses	3M Chemical Safety Goggles		2				
28	Disposable Hand Gloves	Disposable Powder Free Examination Hand gloves, True Blue Color, Nitrile Examination Gloves (Pack of 50)		1				
29	Flat File Tool	10Pcs File Tools Set, Premium Hardened Drop Forged Alloy Steel File Tools		2				





30	Knife	Pen Knife		2				
31	3D Printer Filament	3D Printer Filament PLA 1.75mm 1kg (5 Color)		5				
32	Sonakote Screen Coating Emulsion	Sonakote Screen Coating Emulsion (900g) with 4 Sensitizer Pouch for Screen Printing Frame		2				
33	Reducer	Reducer for Screen Printing 1L		1				
34	PVC Matt Color	Screen Printing Ink- PVC matt Black+White 500gm+500gm		4				
35	Black Tape for Screen Printing	Black Masking Tape 5 Meter 18 mm		5				






36	Tracing Paper for Screen Printing	A4 Size Artist's Tracing Paper, 50 Sheets		1				
37	Spare Bottle	Spray Bottles 500ml		2				
38	Hair Dryer	2 Flexible heat setting  ThermoProtect prevents overheating   1000 Watts		2				
39	PCB Solder Mask Ink	Uv Solder Mask Ink Green 1kg		2				
40	Glossy Paper A4	Inkjet Glossy Paper, For Printing, GSM: 100 GSM		1				





41	PCB Soldering Station	Digital Soldering Station 60W		5				
42	PCB Desoldering Pump	PCB Desoldering Pump		5				
43	Tweezers	Anti-Static Tweezers 6pcs Set Vetus ESD		5				
44	Soldering Paste	Soldering Paste (50 gm)		10				
45	Soldering Wire	Solder Wire Pack - 50Gm [60/40] - 22swg (High Quality)		10				
46	Desoldering Wick	Desoldering Wick - 3 meter long - high quality		10				




47	ESD Brush	Electromark ESD Safe Brush for cleaning of pcbs		5				
48	Wire Cutter	Wire Stripper and Cutter		10				
49	Wire	BreadBoard Wire 22 Gauge Wire Hookup Wire Jumper Wire 5 Color Combo (Pack Of 25 meter)		2				
50	PCB Holder for Soldering	Adjustable Printed Circuit Board Holder Frame PCB Soldering Assembly Stand Clamp		5				
51	LED LIGHT	DESK MAGNIFIER STAND WITH LED LIGHT FOR SOLDERING / PCB REPAIR		5				
52	Table Lamp	Adjustable Spotlight Table Lamp		2				



53	SMD Rework Station	680W Two in One Digital SMD Rework Station (Round Tip) 50 W Temperature Controlled		2				
54	Heat Shrink Sleeve Tube	4 Colors Heat Shrink Sleeve Tube Wrap 1 2 3 4 5 6 7 8 9 10 mm (100PCS, 60 mm)		10				
55	Soldering Iron Tips	Soldering Iron Tips Kit, 10Pcs Assorted Soldering Tips for Hakko 900M 936, 60W /80W Welding Head Solder Tips Replacement Accessories Soldering Tips Kit Welding Tip Soldering Accessories		2				
56	Electronics Components Cleaner	Clenom Powerful Electronics Components Cleaner		6				

57	Grinder	140pcs Universal Chuck Rotary Tool Kit Die Grinder with Flexible Shaft   Drill Locator   Safety Shield   Cutting Drilling Engraving  Industrial and DIY		1				
58	Heat Insulation Working Silicone Magnetic Mat	Catchex Anti Static ESD Safe Heat Insulation Working Silicone Magnetic Mat - Large (450 x 300 mm)		2				
59	SMD Solder Paste	Syringe Flux SMD Solder Paste, Circuit Assembly Sealed Mechanic Sn63/Pb37 SMD Soldering Paste, 35g Syringe (35g Syringe Pest + Syringe with Needle)		2				
60	Smoke Absorber	Esd Safe Smoke Absorber/Fume Extractor 493 For All Type Soldering And Repairing Works		1				
61	Bit Cleaner Steel	Catchex Metal Wire Welding Soldering Solder Iron Tip or Bit Cleaner Steel Ball Mesh tool		2				

62	Multimeter Cord Probe Set	Multimeter Cord Probe Set Test Cable Pair for Universal Digital Multi Meter Detector Lead Wire Probes Sharp Lead Needle Set (Black, Red) for SMD		2				
63	ESD Soldering Mat	Rubber ESD Soldering Green Mat Roll 2mm Thick Anti-Static High Temperature Workbench Mat Electrical Grounding Desk Pad for Workstation 1.3x4ft		1				
64	Desoldering Pump	GS-100 GS100 Desoldering Pump Solder Sucker Solder Removal Tool for SMD		2				
65	Solder Wire	Thin Solder Wire Rosin Core Fine Gauge Electronics Solder Lead Free 0.02 7.05oz Electrical Silver Soldering 0.6mm 200g Unlead Solder Wire Alloy Sn99 Ag0.3 Cu0.7		4				

66	Soldering & Desoldering Flux	UV554E Gel Base Soldering & Desoldering Flux For Microprocessor & ICs/BGA Repair/Rebelling (Smartphones and Iphones)(+3 needle tip)		2				
67	Soldering & Desoldering Flux	High Performance Liquid Flux For Soldering & Desoldering Microprocessor & ICs/BGA Repair/Rebelling, Smartphones and Iphones (100ML)		2				
68	Multimeter	Digital Multimeter		25				