

**Dr. B. C. Roy Engineering College**  
Jemua Road, Fuljhore, Durgapur, 713206

No. BCREC/23-24/001/NIT

Date: 14-05-2024

**TENDER NOTICE**

Sealed quotations/tenders are invited from reputed OEMs/firms/suppliers for the supply of the following equipment, tools, and consumables, for AICTE-IDEA Lab as per the specification, (list annexed herewith) for the financial year 2024-25 to:

**The Principal,**

**Dr. B. C. Roy Engineering College, Jemua Road, Fuljhore, Durgapur-713206, WB.**

Mere submission of quotation/lowest price for the process doesn't ensure any assurance for the work/purchase order. Quotation/s/tender/s must be separately submitted in original, clearly mentioning the validity period for approved rates (basic price), all levies, taxes, installation charges, warranty period, discounts (if any), etc. along with any other costs thereon; failing which tender will be summarily rejected. The following documents (mandatory) must also be furnished along with the quotation/s/tender/s

1. PAN / TAN, valid Trade License
2. One Cancelled Cheque, GST Reg. No.
3. IT returns for the last 3 years

Quotations must contain the details of the aforementioned requirements along with other relevant pieces of information and terms & conditions (if required).

No prescribed form relating to the quotation submission is compulsorily expected by the college. A self-made format is acceptable.

No advance payment will be made while issuing the Purchase/Work Order for the execution of the job. **Full payment will be made either by cheque or online by the institution after the successful completion of the work (delivery, complete installation, and satisfactory demonstration as applicable).**

**The sealed quotation/s/tender/s superscribed "TENDER FOR AICTE- IDEA LAB" should reach the Office of The Principal on or before 17.00 Hrs of 01-06- 2024.**

The date of opening the quotations will be notified later. The quotation will remain valid for the financial year (2024-25) ending on **31-03-2025**. The quotation documents are non-refundable. The Work/Purchase Order will be issued to the L1 bidder subject to the fulfillment of the AICTE-IDEA Lab requirement, in compliance with the rules and regulations of the institute.

**The Principal (Chief Mentor, AICTE-IDEA lab) Dr. B. C. Roy Engineering College, reserves the right to accept/reject any quotation without assigning any reason thereof.**

  
**Principal**

**Dr. B. C. Roy Engineering College**

*For display on the college website & for wide circulation.*



### Quotation requested for the following items

Sl. No.	Item description	Quantity
1	High-Quality 230V/50W Soldering Iron	3
2	High Quality 35W/230V Soldering Iron	3
3	Rotary Tool Drill Press Work Station, drill press, rotary tool holder, and flex- shaft tool stand	2
4	Solder Sucker No Clog Aluminum Desoldering Pump, Soldering Tools with Powerful Vacuum Suction for Removal & Repair, Heat Resistant Silicone Suction Nozzle, Replacement Silicone Tube included	3
5	Raspberry Pi 5 Model 4GB	1
6	Professional Marble Cutter (Circular saw)	1
7	Isopropyl Alcohol 99.9% Pure [(CH <sub>3</sub> ) <sub>2</sub> -CH-OH] CAS: 67-63-0] 300ml Rubbing Alcohol	5
8	Steel Wool Fine 1.50m Wire Roll Pad for Glass Furniture Tray Metal Precision Tool Cleaning Polishing Grade 0000 Scrub Sponge	2
9	Arduino Nano ESP32-S3 without Headers ABX00092	5
10	ESP-WROOM-32 WIFI Bluetooth Networking Smart Component Development Board	5
11	SYB-170 Mini Solderless Breadboard -170 Tie Points (Green, Yellow, Black) 3Pcs	2
12	65pcs Flexible Breadboard Jumper Wires	2
13	LED Diode Bulb Lamp with Heatsink Color White - Pack of (3 Watt, 20pcs)	1
14	Soldering Gun Iron Stand	6
15	Mechanic Tin Solder Paste For SMD Rework	3
16	5V 1 Channel Relay Module	5
17	LM393 Photosensitive Light-Dependent Control Sensor LDR Module	5
18	30A range Current Sensor Module ACS712	5
19	3 Pin NTC Thermistor Temperature Sensor Module	5
20	Official 27W USB-C PD Power Supply for Raspberry Pi 5- White	1
21	Official Raspberry Pi 5 Active Cooler	1
22	Official Raspberry Pi 5 Case Red-White	1
23	48W Ultra Fast Type-C Charger for Op-po F15 Original Mobile Wall Charger Smartphone Hi Speed Fast Type-C Triple Port Charger with 1.2m Type C Dash Red Cable (White, ST.R2	1
24	2.54mm 1x40 Pin Female Single Row Header Strip (Pack of 10)	5
25	1x40 Berg Strip Right Angle Female Connector – 5pcs	5
26	1x40 Berg Strip Male Connector – 10pcs	20
27	Premium Gloss Enamel 500 ml White	2
28	Flash Acrylic Paint Set   25 Colors   50 ml Each   High Pigment Strength   Eco Friendly   Non Fading   Non Toxic   Multi-Surface Paint   Pro Artist, Hobby Painters & Kid (50 ml x 25 Shades) (25 Colors - 50 ml each)	2
29	Synthetic Hair Mix Brushes Set for Acrylic, Watercolor, Gouache & Oil Painting (Set of 8 Mix)(Wood)	1
30	Premium Mineral Turpentine Oil (MTO) (900 GM) – Industrial Solvent & DIY Essential	
31	Paint Thinner 1000 ml , Clear	1
32	1 High-Density 1-Inch Paint Brushes - Ergonomic Handles, Tapered Tips, Durable Ferrule for Wall Painting - Easy Clean, Long-Lasting Painting Brush for DIY & Pros, (Pack of 2)	2
33	500 ml Woodtech Series Wenge Stainer	2
34	Electric Desoldering Pump 30W, Portable Desoldering Pump, Electric Solder Removal	1



# AICTE-IDEA LAB

Dr. B. C. Roy Engineering College  
Durgapur, WB- 713206



	Tool(Desoldering Nozzles 1.0mm 1.2mm)	
35	50 CM Micro USB Cable	5
36	White Type C cable – 1m for Arduino Nano V3.0	2
37	Combo of 6 Color Multi Strand Flexible Hookup Wire 7/42 PVC Insulated Electric Wire 1 Meter Each	10
38	Desoldering Wick 1.5m 100 % Copper	10
39	Wood Circular Saw Blade, 125 x 20, 40 Teeth, Eco Series	1
40	Professional Circular Saw Blade For Aluminium And Other Non Ferrous Material, 14"/ 355Mm Dia, 25.4Mm Bore, 80 Teeth, Pack of 1	1
41	Paper Phenolic 12"x 12" Copper clad	10
42	12" X 12" Double Sided Copper Clad PCB	10
43	Gadget Deals Solder Flux Paste, RMA-223 Soldering Flux Paste, 10CC Syringe convenient Tube and 5Gram Carton Rosin For PCB PGA BGA SMD Mobile Repair	5
44	0603 SMD Resistor Kit Chip Fixed Resistor Assortment Kit 1% 1/10W 0.1W 0 ohm- 10M ohm Resistors Assorted 60 Value 1500pcs (0603)	1
45	12V Cold White 5050 SMD LED Strip- 1Meter	5
46	100Pcs/Lot 5 Colors 3216 1206 SMD Led Super Bright Red/Green/Blue/Yellow/White Water Clear Led Light Diode	1
47	D-57227 Drill Bit Set for Wood (8 Pieces),Carbon Steel, Round	5
48	4 mm Carbide Endmill 55 HRC 4 Flutes 50/75/100 long. (Extra flute length 12 mm total length 50mm Pack of 2) <b>SKU: JBRS3233</b>	3
49	6mm Carbide Endmill 55 HRC 4 Flutes Total Length Is 50/75/100/150 MM 75 LONG SKU: JBRS0500	3
50	4 Flute HSS Ball Nose Endmill, Size 6 mm	4
51	Long HSS Endmill, Dia 2 mm, 4 Flute SKU: JBRS1325	5
52	90 Degree V Groove Router Bit Set Carbide 1/4 Inch Shank V Cut Router Bit Set V Grooving Bit	2
53	Tapper Ball nose 2mm , R1*25*55*D6 HRC - 60 Tapper Ball nose 2mm , R1*25*55*D6 HRC – 60 (2pcs in a cartoon box)	3
54	3 mm 4 flute Ballnose 55 hrc pack of 1 SKU: JBRS3248	4
55	4 mm 4 flute Ballnose 55 hrc pack of 1 SKU: JBRS3249	4
56	Finishing Sander 320W Aluminum durable base With 5pcs sand papers	1
57	Sewing Machine lubricating Oil 1 litre	1
58	Cyanoacrylate Instant Low Viscosity Glue - Ideal for Acrylic Trophies, Showpieces,Mobile covers - Strong Bond and Quick Setting Formula- Pack of 2(50 g)	10
59	Soldron 878D Station	1
60	FLUX soldering paste-10g-2Pcs	10
61	Long HSS Endmill, Dia 8 mm, 6 Flute	2
62	ER 20- 11 pcs High Precision Collet Set 0.008µm	1
63	Standard 12V 2A Power Supply with 5.5mm DC Plug	10
64	Ferric Chloride for PCB etching (500 gm)	10
65	ER11 Collet 15pcs set 1mm-7mm size for ER11 Tool Holder	1
66	Double Sided Tape Heavy Duty Multipurpose Wall Tape Adhesive Strips Removable Mounting Tape,Washable Strong Sticky Transparent Tape Gel Poster Carpet Tape for Paste Items,Household (9.85FT)	20
67	Double Sided Self Adhesive Dispenser Acrylic Foam Mounting Tape (Manual) (Set of 3, Off White)	10
68	PCB Drill Bits-0.7-0.8- 0.9-1 mm (Pack of 8)	2
69	Easy Operation Acrylic Hot Bending Machine Safe 3D Luminous Sign Arc Shape Bender Angle Shaping Device	2



# AICTE-IDEA LAB

Dr. B. C. Roy Engineering College  
Durgapur, WB- 713206



70	Upto 16 Colour 3D Printer, Bed size 256 x 256 x 256(mm), compatible to ABS, ASA, BVOH, Carbon/Glass Fiber Reinforced Polymer, PA, PC, PET, PETG, PLA, PPA-CF/GF, PPS, PPS-CF/GF, PVA, TPU, closed chamber, AI failure detection and intelligent filament management.	1
71	TPU (95A) 3D Printing Filament <a href="#">Yellow Green</a> Traffic Red Traffic White <a href="#">Jet Black</a> <a href="#">Lemon Yellow</a>	2 2 2 2 2
72	TPU FILAMENT 1.75MM Blue ORANGE PINK TEAL	2 2 2 2
73	Rubber Safety Hand Gloves, Orange L Size, (Pack of 1 Pair)	5
74	Anti-Static Anti-Skid ESD Gloves with Finger Skid Resistance Spot	5
75	Photosensitive Dry Film, Circuit Photoresist Sheet Professional Reliable Stable Covering Widely Applicable for PCB Board for Plating Bath for Electroplating	5
76	UV CABINET 3 Tubes SUNLINE	1
77	Nylon Nitrile Coated Industrial Safety Hand Gloves(Pack of 6) Anti-Cut   Cut Resistant   Heat Resistant   Industrial Use   for Finger and Hand Protection.	2
78	SODIUM HYDROXIDE ( NaOH) WHITE FLAKES BIS : 9831 Caustic soda for soap making, Lye for soap making Make You Own Safe Natural Handmade Cold & Hot Processed Soaps for your Family and Friends : 400gm	5
79	H-020 35 MM ACCURATE HINGES BIT HEAVY DUTY Drill bit set Wood Working   Wood Driller Set   Wood drill bit set	1
80	20mm HSS Drill Bit Hole Saw Tooth	1
81	WCB38 38MM Bevel Chisel Set (Pack of 1)	2



# AICTE-IDEA LAB

Dr. B. C. Roy Engineering College  
Durgapur, WB- 713206



82	Spirit Level Scale Vertical Horizontal & 45° Vials Magnetic 230mm	3
83	Inktank Colour Printer - Auto Duplex Printing, Print, Scan, Copy, ADF, WiFi/LAN/USB, Print Up To 15K Pages In Black And 5K In Color Each For (CMY), Get An Extra Black Ink Bottle, Free Installation	1
84	240 L 2 Star Frost Free Double Door Top Mount Refrigerator Appliance	1