

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

No. BCREC/22-23/003/NIT

Date: 22-07-2022

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 2022-23 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 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. Following documents (mandatory), must also be furnished along with the quotation/s/tender/s

1. Experience Certificate (certificate from the customers/clients dated not more than 3 years)
2. PAN / TAN, valid Trade License
3. One Cancelled Cheque, GST Reg. No.
4. IT return of last 3 years

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

Lead Time of delivery must be clearly mentioned to avoid rejection. Late Delivery Clauses will be applicable in such cases, arbitration of which will be conducted in jurisdiction of institute's choice, as will be mentioned in Purchase Order.

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 successful completion of the work (delivery, complete installation and satisfactory demonstration).**

The sealed quotation/s/tender/s clearly super scribed "TENDER FOR AICTE-IDEA LAB" should reach the Office of The Principal on or before 17.00 Hrs of 10-08-2022.

The date of opening the quotations will be notified later. The quotation will remain valid for the financial year (2022-23) ending on **31-03-2023**. The quotation documents are non-refundable. Subject to the fulfilment of all the rules & regulations and requirements of the institute, the Work/Purchase Order will be issued to the L1 bidder throughout the financial year (2022-23). **After receiving the Work/Purchase Order, the selected bidders will be required to submit proforma invoice for items at the rate of 5% GST. The received proforma invoice will be submitted to the University and subsequently, the university will issue the DSIR certificate on the basis of the submitted proforma invoice.**

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 in college website & for wide circulation.

ANNEXURE - I

CATEGORY: EQUIPMENTS - MECHANICAL			
Item No.	UNDER HEAD	DESCRIPTION	Apprx. Quantity
1	3D Scanner accessories	Industrial Pack including Tripod and Turntable for Einscan Pro HD	1
2		Texture scan unit for Einscan Pro HD	1
3	Benchtop Grinder Machine	Professional Heavy Duty Bench Grinder, 3000/3600 RPM, 600 W, Corded, 200mm Disc diameter	2
4	Power Tools	10.8V Cordless Power Tool Kit, Li-ion 2Ah twin battery, Brushed motor	2
5	Digital Microscope	1000x 2MP 8 LED USB Portable Digital Microscope	1
6	Vinyl Cutter	Cuts 100+ materials from cardstock, vinyl & iron-on to glitter paper & bonded fabric, Compatible with 6 tools for cutting, writing, foiling & more, Bluetooth® wireless technology, Free design app for Windows® and Mac® computers and iOS® and Android™ devices. With all accessories like Deep-Point Blade, Bonded-Fabric Blade, Foil-Transfer Tool and Scoring Stylus etc.	1
7	3D Printer	Extruder 2, Independent Extruder, Diameter 0.4 mm, Maximum Set Temp. of Extruder 300 °C, Maximum Set Temp. of Platform 120 °C, Print Speed 10-150 mm/s, Support Filament PLA / ABS / PVA / PETG / HIPS / PA PC / WOOD / ASA / PA-CF / PA-GF, Print Volume 300*250*200 mm, Layer Resolution 0.05-0.4 mm, Print Resolution ±0.2 mm	1
8	Mini Desktop Lathe cum Milling	550W Multipurpose combined Lathe cum mill n drill, Lathe spindle taper MT3, Lathe Tailstock taper MT2, Drilling 13mm, end milling 16mm, spindle taper MT3 or R8, with standard attachment, including optional accessories.	
9	Portable Welding M/c	DIY Portable Mini Spot Welder Machine Welding Power+Pen+USB for 18650 Battery with power input cable	1
10		200A Inverter ARC Welding Machine with Metal Brush, 1 Pc Welding Holder with Cable & 1 Pc Earth Clamp with Cable, suitable for 2.5 mm / 3.15 mm Welding Rod.	1
11	Advanced Motorised Sewing Machine	Computerized Sewing Machine with 120 in-built stitches	1
12	Belt & Disc Sanding Machine	6 Inch Belt Disc sanding machine	1

CATEGORY: EQUIPMENTS - ELECTRICAL			
Item No.	UNDER HEAD	DESCRIPTION	Apprx. Quantity
1	Solder Stations	High flexibility for versatile applications Soldering Station Set, 95W unit with soldering iron (80W), Power unit 1, 1 channel with soldering iron and safety rest. Temperature accuracy °C ±9, Temperature range: 50°C - 450°C, Backlit display LCD	10
2	Hot Air Blower with Soldering Iron	Hot air heater and welding iron 2in1 rework soldering station, Dual LCD digital displays to show precision temperature, Extremely low noise and space saving design, Intelligence self-detection function features safe personal operation, Automatic cooling function for effectively prolonging the heater's life and protecting the hot air heater, Hot air Output Power: 750W, Temperature Range: 100°C~480°C, Soldering Iron Output Power: 80W, Temperature Range: 180°C-500°C	5
3	Refrigerator	Branded 280L Frost Free Double Door Refrigerator	1
4	Charging Adapter	Low cost mobile USB Charger	10
5		2.4A, 3A Dual USB Port Mobile Charger	5
6	NAS	6TB NAS Internal Hard Drive HDD - 5640 RPM, SATA 6 Gb/s, CMR, 128 MB Cache, 3.5"	1
7		Low cost Network Attached Storage (NAS), upgraded with the powerful Marvell ARMADA 385 1.3GHz dual-core processor, having facility of RAID 0 for enhanced performance, RAID 1 for mirrored data protection, or a JBOD / spanning structure for non-RAID configurations.	1

8	PCB Power Drilling Machine	Dremel 220-01 Rotary Tool Drill Press Work Station, drill press, rotary tool holder, and flex-shaft tool stand, drills perpendicular and angled holes in 15-degree increments, up to 90 degrees horizontal, allows telescopic adjustment to any height between 16" and 29"	5
9	Dremel Multi Tool kit	Dremel 4000 Rotary Tool 175 W, Rotary Multi Tool Kit with 4 Attachment 65 Accessories, Variable Speed 5000-35000 RPM for Cutting, Carving, Sanding etc	2
10	Desoldering Machine	De-soldering Station with LCD display, having efficient desoldering tool with built-in suction tool, Microprocessor-controlled, providing accurate temperature control from 160 to 480 ° C, 600mmHg suction pump, Large LCD display for quick and easy temperature setting and actual temperature control.	1
11	Digital Storage Oscilloscope	Digital Storage Oscilloscope Dual Channel 100MHz bandwidth 1GSa/s Real Time sample rate Large (7.0-inch) color display, WVGA(800x480) Record length up to 1M Trigger mode: edge/pulse width, USB host and device connectivity	2
12	Signal Generator	Function/Arbitrary Waveform Generator, 1 uhz - 30 MHz, 150MSa/s, Square waves to 30 mhz, Dual channel. Sweep/ burst/ modulation/ harmonics, Ch1 - Ch2 waveform combining. Built-in frequency counter, Usb/ lan interfaces, Includes easy wave arbitrary waveform editing software	2
13	Benchtop Multimeter	5.5 Digit Digital Benchtop Multimeter, Dual Display. True RMS, DCV/DCI, ACV/ACI, 2/4 Wire R, C, Cont, Diode, Freq, Period, Temp, Built-in Cold Junction Compensation for TC Temperature Measurements, USB Host, Up to 150 readings/sec, Statistics, Graphs USB Device, LAN Interfaces	1
14	Projector	1080p Business & Education Projector MH560, DLP, FHD, 1920x1080, 3800 Lumens High Brightness, 22000:1 High Contrast Ratio, Dual HDMI, Upto 15000 hrs Extra-Long Lamp Life, 10W Speaker, 3D Capable	1
15	High End Desktop Computer Peripherals for 3D Scanner	CPU LGA1200 11th Gen I7-11700K, ASUS ROG STRIX Z590-E GAMING WIFI Motherboard, 64 GB, DDR4-3200 MHz Non-ECC unbuffered memory, Asus Dual RTX 2060 EVO OC Edition 6GB Graphics Card, 500GB NVMe PCIe M.2 type 2242/2260/2280/22110 SSD, 1TB 7200RPM 3.5" HDD, Cooler Master MasterLiquid ML120L RGB V2 Close-Loop AIO CPU Liquid Cooler 3rd Gen Dual Chamber Pump SickleFlow 120mm for AMD Ryzen/Intel LGA 1200/1151 (MLW-D12M-A18PC-R2), 10M Mid Tower Gaming PC Case (Black, 3 x 120mm Auto-RGB Fans, USB 3.2 Gen2 Type-C, Tempered Glass Panel, Magnetic Dust Filter, Mystic Light RGB, ATX, m-ATX, Mini-ITX), Corsair RM850 80 Plus Gold Power Supply (CP-9020196-UK), 23.8 inch Full HD 1920 x 1080 Resolution VA Panel Gaming Monitor with 75Hz refresh rate, Branded Wireless Keyboard-Mouse combo.	1

CATEGORY: TOOLS			
Item No.	UNDER HEAD	DESCRIPTION	Apprx. Quantity
1	Power Circular Saw	1500W 7"/185mm Wood Cutting Circular Saw with 2x 36T TCT Blades, Corded Electric	1
2	Steel shaft Claw Hammer	Claw Hammer with steel shaft	5
3	Nylon Mallet	soft faced hammer with two nylon mallets	2
4	Allen Key Set	Allen Key 10 or more Pieces Set	2
5	Dremel Moto Saw	Rotary Tool	2
6	Bench Grinding Machine	Professional Angle Grinder	2
7		Professional Bench Grinder	2
8	Tri Square 8"	set square	3
9	Ratchet Set	Complete Set	2
10	Cordless Drilling Machine	18V Cordless Impact Drill with additional Battery Pack	4
11	Jigsaw Machine	PST 900 PEL Corded Jigsaw, 230V	1
12	Files set	3", 6", & 12" Flat set	2
13		Flat file 10" with rubber handle	2
14		Flat file 6" with rubber handle	2
15		Round file 8" with rubber handle	1
16		Half round File 8" with rubber handle	2

17	Needle Files	10Pcs Needle File Set Size 3x140mm Files for Metal Glass Stone Jewelry Wood Carving Craft Tool	2
18	Ball Peen Hammer	200gsm ball peen hammer with handle	2
19	Nylon Mallet	Soft Face Hammer with Handle	5
20	Rubber Mallet	680 gram Rubber Mallet with handle	3
21	Belt & Disc Sanding machine	350W Bench Sander 1400 rpm	1
22	Digital Vernier Caliper	Measuring range upto 200mm/300mm with 0.01mm resolution Digital Vernier Caliper	5
23	Miscellaneous	TDS 4 Ply Towel Paper Roll	30
24		Wall Mounted Tissue Paper Dispenser	3
25		Clear Acrylic Spray (DC Acryform, etc.) bottle 400 mL	5
26		100ml Soldering Rosin Flux (Liquid/Gel)	5
27		SMD PCB Soldering Reflow Oven set	1
28		Branded Insulated 2 in 1 IBT steel stubby Screwdriver, Length: 400x6mm	4
29		Branded 2 in 1 Screw driver, Length: 100mm apporx	4
30		Branded Micro Bit Driver set for Philips, Tri-wing, Torx, Flat, square & Hexagon Tips	2
31		Torque Socket Set	1
32		P-90249 Drill & Screwdriver precision Bit Set	3
33		100mm Chrome Plated Adjustable Wrench	2
34		8" SQ. Drive Socket Set	2
35		100W Hot Glue Gun + GlueStick Set	2
36		550W Corded Electric Mechanic Kit Professional Drill	2
37		Hacksaw Frame with Handle 12"	2
38		Hacksaw Frame with Handle 6"	2
39		Hacksaw Blades 12"	20
40		Hacksaw Blades 6"	20
41		Half Pound Machinist Hammer	2
42		High grade Engineering Trisquare 6"	2
43		1 metre Aluminium 10x10 channel	10
44		Gouge chisel 8" with handle	2
45		Gouge chisel 6" with handle	2
46		Skew chisel 4" with handle	2
47		Skew chisel 6" with handle	2
48		Firmer Chisel Tool 0.5x6"	2
49		Firmer Chisel Tool 0.25x4"	2
50		Paring chisel 4"	2
51		Paring chisel 6"	2
52		Odd leg caliper 4"	2
53		Out side caliper 6"	2
54		Inside Caliper 6"	2
55		Odd leg caliper 6"	2
56		Divider 6"	2
57		Divider 4"	2
58		Centre punch 6"	2
59		Triangular File 6"	2
60		Triangular File 8"	2
61		10 pieces in one Allen Key set	4
62		Open ended Spanner set	3
63		Power Driven Iron Jack Planer	2
64		Adjustable Wrench set	2
65		12Inch Bench Vice	2
66		Heavy Duty Lever Grease Gun	1
67		Lubrication Oil Tank spray type	1
68		6 inch blade centrifugal Blower	1
69		A3 size Cutting Mat	2

70		Stanley Knife	4
71		Parrot nose Diamond tip Glass cutter	2
72		silicon Sealent tube	2
73		Silicon sealent dispenser	1
74		Scriber Tool	2
75		0-25mm A type Inside Micrometer	2
76		25-50mm A type Inside Micrometer	2
77		ESD-15 Black Steel Anti-Static Tweezer Bend	5
78		300mm Handheld Tenon Saw	2
79		1.5 x 1.5 meter Black Table cloth	2
80		12 Piece open ended spanner set	2
81		Branded Power return 5 meter Measuring Tape	5
82		Filler gauge set	2
83		Angle gauge set	2
84	Networking Tools	Baby Vice (60mm)	10
85		Anvil 10KG	1

CATEGORY: CONSUMABLES			
Item No.	UNDER HEAD	DESCRIPTION	Apprx. Quantity
1	Development Board	expressif ESP WROOM32 Development Board	40
2		Arduino UNO R3 SMD Atmega328P Board - Clone Compatible Model	30
3		Raspberry Pi 0W	4
4		Raspberry Pi 3	4
5	Miscellaneous	100ml Isopropyl Alcohol	5
6		Steel Wool fine wire roll pad scrubber	10
7		Cable for Arduino Nano (USB 2.0 A to USB 2.0 Mini B) 30cm	20
8		Micro USB-A to Micro-B Cable -45cm	20
9		12V 1A DC Power Supply Adapter	40
10		2.1 x 5.5mm DC Power Jack Socket Female - Panel Mount	100
11		DC-005 DC Power Jack Female Adapter PCB Mount - 2.1 x 5.5mm	50
12		High Quality 7/36 Five/seven colour wire 50 meters roll	1
13		High Quality 14/36 seven colour wire 20 meters roll	1
14		1x40 Pin 2.54mm Pitch Female Berg Strip Connector - Break Away Header - Straight	50
15		1x40 Pin 2.54mm Pitch Male Berg Strip - Break Away Header - Straight	50
16		8 Pin JST XH Relimate Connector (RMC) Male-Female Pair With Wire/Cable	50
17		KF301 3 Pin 5.08mm Pitch Plug-in Screw Terminal Block Connector	50
18		Heat Shrink Tubing (HST) Insulation Assorted kit	5
19		Nylon Cable Zip Ties 300 mm White (100pcs)	5
20		Nylon Cable Zip Ties 100mm (100pcs/Bag)	10
21		Heat sink for TO220 Package chips with insulation pad	100
22		Mini USB Jack, B Type Female Connector	40
23		230m P/N B-30-1000 Insulated PVC Coated 30AWG Wire Wrapping Wire	10
24		24 Pieces M2.5 (11mm Body + 6mm Screw) Hex Brass Standoff Cylinders + Screws + Nuts for Raspberry Pi Series	5
25		M3 X 5 mm Female to Female Brass Hex Threaded Pillar Standoff Spacer	100
26		BNC Male Plug to 2X 4mm Dual Banana Female Jack Socket Binding Post RF Coax Coaxial Splitter Connector BNC Banana Adapter	10
27		Universal Oscilloscope Probe with Accessories Kit 100MHz Oscilloscope Clip Probes with BNC to Minigrabber Test Lead Kit	10
28		Philips Head M3 X 6mm Bolt	100
29		Heat sink Compound/paste 10 gm pack	20
30		350ml Glossy Spray Paint Red	1
31		350ml Glossy Spray Paint Green	1
32		350ml Glossy Spray Paint Blue	1
33		350ml Glossy Spray Paint Black	1
34		350ml Grey Primer spray paint	1
35		1Litre Clear epoxy resin with hardener	2

36		High Quality Non-Breakable Safety Goggles/Welding Goggles suitable for Welding, Soldering, Torching, Brazing & Metal Cutting	10
37		6-Socket Surge Protector Universal Socket with 6.5ft Heavy Duty Cable	5
38		Isopropyl Alcohol 99.9% Pure [(CH3)2-CH-OH] CAS: 67-63-0] 300ml Rubbing Alcohol	5
39		SKD-S2 Solvent based Developer Spray	5
40		Electronic Contact Spray- 250 ml	5
41		3mm Burr milling bits (Pack of Ten)	3
42		PCB V shaped 20 degree engraving bits (pack of Ten)	2
43		500ml PU Vernish	1
44		Drill Bits set for concrete	2
45		MS Drill Bits set	2
46		Drill Bits set for wood	2
47		1 Liter HCL 99%	1
48		1 Liter Hydrogen peroxide	5
49		1 Liter Acetone	1
50		PCB Cleaning Solution Spray - 99% IPA-100ml	5
51		Nuts of sizes: 3mm, 4mm, 5mm, 6mm, 8mm, 10mm, 12mm, 100 pieces each (Total 7x100 pieces pack)	1
52		Bolts Dia(3mm, 4mm, 5mm, 6mm, 8mm, 10mm, 12mm) of 1", 1.5", 2" and 2.5", 100 pieces each (Total 7x4x100 pieces pack)	1
53		Washers 3mm, 4mm, 5mm, 6mm, 8mm, 10mm, 12mm, 100 pieces each (Total 7x100 pieces pack)	1
54		500ml Liquid Tin solder	1
55		20 gram pack UV50 No-Clean Soldering Flux Lead-Free Soldering Welding Flux	20
56		Original UV554E No-Clean Welding/Soldering & Desoldering Flux syringe pack with needles	20
57		RMA-223 Solder Flux Paste, Volume: 10CC	20
58		Soldering Iron Tip Cleaner Steel Wire with Pot/Stand	10
59	Vacuum Cleaner	15-Litre 1400 Watt 16 KPa High Suction Wet and Dry Vacuum Cleaner and Blower	2
60	Measuring Equipment	Dual Channel Oscilloscope Multimeter USB Portable 40Mhz, 2 in 1 Dual Channel Oscilloscope + Multimeter 250M Sampling rate, 40MHZ Bandwidth, 10MV-10V Vertical resolution, Sample Rate Range: 250MSa/s(Single-channel), 125MSa/s(Dual-channel), Waveform Interpolation: (sin x)/x, Record Length: Max. 6K for single-channel; 3K samples per dual-channel SEC/DIV Range: 5ns/div~500s/div 1, 2, 5 sequence, VOLTS/DIV Range: 10mV/div~10V/divat input BNC Bandwidth Limit, typical: 20MHz	1
61	Digital Multimeter	Digital LCR Meter, 3-1/2 Digits Large LCD Display. Auto Power Off. Over-Range Indication. Low Battery Indication, Resistance: 0 – 200 / 2k / 20k / 200k / 2M / 20MΩ. Accuracy: ±0.8%, Capacitance: 0 – 2n / 20n / 200n / 2u / 20u / 200u / 600uF. Accuracy: ±1%, Inductance: 0 – 2m / 20m / 200m / 2 / 20H. Accuracy: ±2%, Transistor Test, Diode Test, Audible Continuity Test Facility.	1
62	3D Printer Filament	Branded PETG 1.75mm 3D Printing Filament 1kg-Blue	1
63		Branded PLA+ 1.75mm 3D Printing Filament 1kg-Orange	3
64		Branded PLA+ 1.75mm 3D Printing Filament 1kg-Red	3
65		Branded PLA+ 1.75mm 3D Printing Filament 1kg-Grey	3
66		Branded PLA+ 1.75mm 3D Printing Filament 1kg-Blue	3
67		Branded PLA+ 1.75mm 3D Printing Filament 1kg-Gold	2
68		Branded PLA+ 1.75mm 3D Printing Filament 1kg-White	5
69		Branded ABS+ 1.75mm 3D Printing Filament 1kg-Black	2
70		Branded ABS+ 1.75mm 3D Printing Filament 1kg-Natural	2
71		Branded Carbon Fiber 3D Filament 1.75mm	2
72		Metal film Resistors 1/4 Watt (1E, 2E2, 4E7) and 1/2 Watt (1E, 2E2, 4E7) A Pack of 100 Each	1
73		Through hole 50 Value Resistor kit (pack of 1000) quarter watt	3
74		LED assorted kit (50 pcs)	3
75		NEMA17 Stepper Motors	10
76		Stm32 Bluepill (ARM Cortex-M0 STM32F051C8T6 STM32)	3
77		37-in-1 Sensor Module Kit	4
78		5V PCB MOUNT SPDT RELAY	50
79		12V PCB MOUNT SPDT RELAY	50
80		NE555 Timer IC DIP-8 Package	20
81		1N4007 Rectifier Diode	100
82		1N4148 high-speed switching diode	100
83		1N4148 high-speed SMD switching diode	100
84		2N3904 Transistor	100

85		IC7805 Regulator	50
86		AMS1117 3.3V Voltage Regulator SOT-223 package	30
87		AMS1117-5.0V, 1A, SOT-223 Voltage Regulator IC	30
88		AMS1117-ADJ 1A, SOT-223 Voltage Regulator IC	10
89		IRF540 N-CHANNEL MOSFET TO-220 PACKAGE	30
90		FR4 Copper Clad Plate Laminate Single Side PCB 100 x 70 x 1.5 mm	50
91		FR4 Copper Clad Laminate Double Side PCB 100 x 75 x 1.5 mm	50
92		AOD4184A TO-252 SMD N-Channel MOSFET	30
93		25PCS 12*12*7.3mm Push Button Switch Kit with 5 Colours Caps	2
94		60PCS High-Power Three-Terminal Voltage Regulator Kit	2
95		12V RGB 5050 SMD LED Strip- 5Meter reel	1
96		12V Red SMD LED Strip - 5Meter	1
97		12V Yellow SMD LED Strip - 5Meter	1
98		12V Green SMD LED Strip - 5Meter	1
99		12V Blue SMD LED Strip - 5Meter	1
100		12V / 5A Power Supply 60W DC SMPS - CCTV & LED Lights [Metal Box]	1
101		44 Keys RGB IR Remote Controller for 12V 5050 RGB LED Strip	1
102		Surface Mount MOSFET Assortment Kit	5
103		Surface Mount Diode Assortment Kit	5
104		Surface Mount BJT Transistors Assortment Kit	5
105		BJT Transistors Assortment Kit	5
106		Crystal Oscillator Assorted kit	5
107		Surface Mount Crystal Oscillator Assorted kit	5
108		SMD Atmega 8	30
109		SMD Atmega 328P	30
110		Surface Mount LED Green	100
111		Surface Mount LED Blue	100
112		Surface Mount LED Red	100
113		Surface Mount 1W LED Square flat white colour	100
114		Surface Mount LM555	30
115		Surface Mount tantalum Capacitor Assortment Kit	10
116		Surface Mount Ceramic Capacitor Assortment Kit	10
117	Electronic Active & Passive Components	Surface Mount Electrolytic Capacitor Assortment Kit 0.1uF to 470uF	10
118		Surface Mount Resistor assortment Kit 1 Ω To 220 MΩ	5
119		Quarter watt Resistor Assortment Kit – 1 Ω To 220 MΩ	2
120		12X12 inches Phenolic Single Sided Plain Copper Clad Board (PCB)	10
121		3mm Diffused LED Diode Assortment Kit	2
122		3296W Potentiometers assorted Kit- 15 Type	5
123		Hook Up Wire single strand 22swg 100meter roll	1
124		10 mm width Kapton Tape roll	2
125		1K ohm -1M ohm Single Linear-High Precision Variable Resistor Potentiometer Assortment Kit (with Knobs)	10
126		SMD L293DD IC	20
127	SMD L298 IC	20	
128	40mm DC Cooling Fan	4	
129	A4988 Motor Driver module	12	
130	MQ10 Methane sensor	20	
131	5W UV laser diode module	1	
132	GT2 Timing belt 5mm width 1 meter	4	
133	GT2 Pully	8	
134	Idler pully for GT2 Belt	8	
135	3mm radial bearing	50	
136	5mm radial bearing	50	
137	8mm radial bearing	50	
138	Radial bearing 625ZZ	50	
139	Radial Bearing 6202 15x35x11mm	30	
140	Radial Bearing 608ZZ 8x22x7mm	30	
141	KP08 8mm dia rail mount ball bearing	20	
142	DHT22 Sensor Module	20	
143	steel Smooth rod 5mm dia 1meter length	10	
144	steel Smooth rod 8mm dia 1meter length	10	

145		GM Planetary Gear Micro DC motor 100rpm	8
146		5mm LDR	20
147		IR LED 3mm	20
148		IR LED 5mm	20
149		2 inch OLED display	10
150		16x2 LCD display	30
151		64x2 display	5
152		128x64 Graphical display	5
153		TSOP1738 IR sensor	15
154		3mm LDR	20
155		Arduino Uno GRBL Shield	4
156		SG90 Servo motor	20
157		MG945 Servo motor	25
158		MG995/996R Servo motor	16
159		10K Potentiometer Module with Knob	60
160		SME 2 Watt White LED With Heat Sink	30
161		XL6009 DC to DC step up converter Module	5
162		12V Cold White 5050 SMD LED Strip-5Meter	1
163	Battery & Chargers	9V battery snap	10
164		11.8V 6000mAH Lithium Polymer Battery Pack	10
165		18650 Lithium Ion Battery 3.6V 2400mA	20
166		18650 Dual Battery Holder	6
167		18650 Battery management module	10
168		3000mA 7.2V Lithium Polymer Battery Pack	5
169		6S LiPO Balanced Battery Charger	2
170	Welding Electrodes	MS Electrodes, Size: 3.15*450mm IS AWS Code A5.1 1983 E6013	300
171		MS Electrodes, Size: 2.5*350mm IS AWS Code A5.1 1983 E6013	300
172	Laser Cutting sheets	Cast Acrylic sheet for Laser Cutting & Engraving 10mm transparent sheets 4ftX6ft or 2.05mX3.05m	5
173		Cast Acrylic sheet Laser Cutting & Engraving 5mm transparent sheets 4ftX6ft or 2.05mX3.05m	20
174		Cast Acrylic sheet for Laser Cutting & Engraving 5mm orange 4ftX6ft or 2.05mX3.05m	10
175		Cast Acrylic sheet for Laser Cutting & Engraving 5mm Red 4ftX6ft or 2.05mX3.05m	10
176		Cast Acrylic sheet for Laser Cutting & Engraving 5mm Blue 4ftX6ft or 2.05mX3.05m	10
177		Cast Acrylic sheet for Laser Cutting & Engraving 5mm Green 4ftX6ft or 2.05mX3.05m	10
178		Cast Acrylic sheet for Laser Cutting & Engraving 5mm Black 4ftX6ft or 2.05mX3.05m	10
179		Cast Acrylic sheet for Laser Cutting & Engraving 5mm White 4ftX6ft or 2.05mX3.05m	10
180		Cast Acrylic sheet for Laser Cutting & Engraving 5mm Yellow 4ftX6ft or 2.05mX3.05m	10
181		Cast Acrylic sheet for Laser Cutting & Engraving 3mm Red 4ftX6ft or 2.05mX3.05m	2
182		Cast Acrylic sheet for Laser Cutting & Engraving 3mm Orange 4ftX6ft or 2.05mX3.05m	2
183		Cast Acrylic sheet for Laser Cutting & Engraving 3mm Blue 4ftX6ft or 2.05mX3.05m	2
184		Cast Acrylic sheet for Laser Cutting & Engraving 3mm Green 4ftX6ft or 2.05mX3.05m	2
185		Cast Acrylic sheet for Laser Cutting & Engraving 3mm Yellow 4ftX6ft or 2.05mX3.05m	2
186		Cast Acrylic sheet for Laser Cutting & Engraving 3mm Black 4ftX6ft or 2.05mX3.05m	2
187		Cast Acrylic sheet for Laser Cutting & Engraving 3mm Transparent 4ftX6ft or 2.05mX3.05m	2
188		Cast Acrylic sheet for Laser Cutting & Engraving 3mm White 4ftX6ft or 2.05mX3.05m	2
189	Wood Router Sheets	Maroon Coloured MDF 5mm Board Size: 8x4 or equivalent	5
190		Orange Coloured MDF 5mm Board Size: 8x4 or equivalent	5
191		Blue Coloured MDF 5mm Board Size: 8x4 or equivalent	5
192		Violet Coloured MDF 5mm Board Size: 8x4 or equivalent	5
193		Grey Coloured MDF 5mm Board Size: 8x4 or equivalent	5
194		Maroon Coloured MDF 5mm Board Size: 8x4 or equivalent	5
195		Green mint Coloured MDF 5mm Board Size: 8x4 or equivalent	5
196		Branded Plywood 6mm sheet Size: 6'x4' or equivalent	20