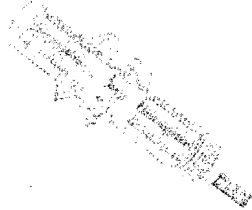
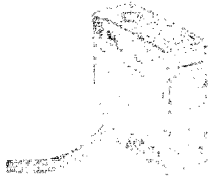


Sr. No	Item Name, Description	A/U	Qty
1.	Function Generator; Make: TTI, Model: TTI TG2511A. (or equivalent)	No	01
2.	V2 Mini Drone Professional 8k HD Camera 5G Wifi FPV Air Pressure Altitude Hold Foldable Quadcopter RC Drone Toys UAV 2025 Drone with Camera, Fpv Drone, 8k HD Camera, 5G Wifi FPV, Air Pressure Altitude Hold, Foldable Quadcopter Design, 30-Minute Flight Time (or equivalent)	No	01
3.	XIAOMI Original V168 GPS Drone Professional 8K HD Aerial Photography Dual-Camera Omnidirectional Obstacle Avoidance Frequency: 5G, Channel : 4CH, Quadcopter battery : 7.4V 2000mAh LiPo (included), Single battery life : 22-25minutes, Charging time : 90 minutes, Remote control distance:5000M, Camera options: 8K HD Video Recording, 5G WIFI 4K HD/5G WIFI 6K/5G WIFI 8K, Angle: Remote control camera adjustable 90 °, Up/down, forward/backward, left/right, lateral flight, 3 flight speed levels, LED lights, follow, surround flight, waypoint flight, altitude hold mode, headless mode , one button return, one button take off/landing, WiFi FPV, camera/video, Accessories Included: 1 x Aircraft, 1 x Remote transmitter, 1 x Body battery, 1 x Spare blade, 1 x USB cable 1 x Screwdriver, 1 x Built in high-definition camera, 1 x Instructions, 2 x WIFI instruction manual (or equivalent)	No	02
4.	Drawing Display: Product Name: Artist 12 Drawing Display (2nd Gen), Model: CD120FH, Dimensions: 346.20 x 209.0 x 12 mm: Work Area263.23 x 148.07 mm, Shortcut Keys:8, Display Resolution: 1920 x 1080, Stylus: X3 Elite, Pressure Levels: 8192, Tilt: 60°, Resolution: 5080 LPI, Ports Included: 2 x USB-C, Power Input: DC 5V=2A, Compatibility: Windows 7 (or later), Mac OS X 10.10 (or later), Chrome OS 88 (or later), Android (USB3.1 DP1.2), Linux, Included Accessories: 1 x Drawing Display,1 x X3 Elite Stylus, 1 x 3-in-1 USB Cable, 1 x Extension Cord, 10 x Pen Nibs, 1 x Nib Extractor, 1 x Cleaning Cloth, 1 x Black Drawing Glove, 1 x Quick Guide, 1 x Warranty Card (or equivalent)	No	01

5.	RUBIK Pi 3 Platform: Qualcomm Dragonwing™ QCS6490, Memory: RAM 8 GB LPDDR4x, ROM 128 GB UFS 2.2, Video: 1 x HDMI 1.4 output (up to 4K 30 Hz), 1 x DP over USB Type-C (up to 4K 60 Hz), 2 x camera connector (4-lane MIPI CSI D-PHY), Wireless Connection: Wi-Fi: IEEE 802.11 a/b/g/n/ac Bluetooth: BT 5.2, On-board PCB antenna, OS Support: Android 13 Qualcomm® Linux®, Debian 13, Canonical Ubuntu for Qualcomm platforms (or equivalent)	No	01
6.	Concept ESD Workstation Kit Make: Treston • Concept Workbench frame Order Code: 10049017P, Qty: 1 • ESD bench top Order Code: TT15060-ESD, Qty: 1 • Upright Module 2xM30 Order Code: UTM2X750M-49, Qty: 1 • Light/balancer rail Order Code: 91849006P, Qty: 1 • Steel shelf Order Code: 836028-49, Qty: 2 • Cable duct M30 Order Code: 860 044-49, Qty: 1 • Bin rail M30 Order Code: 859151-49, Qty: 2 • Stacking bin Order Code: ESD 1015-4 ESD, Qty: 14 • Perforated back panel Order Code: 861511-49, Qty: 1 • Drawer unit 30/22 Order Code: 859340-49, Qty: 1 • Power rail: Order Code: 14-91118931, Qty: 1 • Treston NaturLite Led 1200 Order Code: TNL1200, Qty: 1 • ESD bench top mat Order Code: PM157, Qty: 1 square meter • ESD Ergo floor mat Order Code: 852880-00, Qty: 1 • Adjustable wrist strap ESD Order Code: R2216, Qty: 1 • Earthing cable ESD Order Code: MK3040, Qty: 1 (or equivalent)	No	03
7.	GSR Sensor: Product: Shimmer3 GSR+ Unit Specs: Measures Galvanic Skin Response (GSR) Sampling Rate: Up to 2048Hz Wireless Connectivity: Bluetooth Battery Life: Up to 24 hours (or equivalent)	No	01
8.	G40 Low Frequency Acoustic Emission Sensor with connector type M5 (or equivalent)	No	01
9.	Multifunctional Ultrasonic Distance Sensor Specs: Model: EM400-MUD (LoRAWAN version) Frequency: AS923-1 Sensitivity: -137dBm @300bps Mode: OTAA Application Mode: TCP/UDP/MQTT/AWS Detection Range: 3 ~ 450 cm	No	30

	Detection Accuracy: $\pm (1+0.3\%*S)$ cm, S=distance (-15°C ~ 60°C) Detection Resolution: 1 mm Beam Angle: 60° LED: 1 × LED Indicator (Internal) Button : 1 × Power/Reset Button (Internal) Power On & Off: NFC, Power Button (Internal) Configuration: Mobile App (via NFC), Downlink Power Supply: 2 x 9000 mAh ER26500 Li-SOCl₂ Batteries Battery Life: LoRaWAN® Version: Standard mode:> 10 years (10 min interval, 25°C), Bin mode:> 10 years (20 min interval, 25°C), Parking lot mode:5 years (12 triggers per day, 25°C) Ingress Protection: IP67 Housing & Color: ABS + PC (UL94 V0), Black gray Weight: 181.4g (Batteries included) Installation: On the Flat Surfaces with Screws (or equivalent)		
10.	UG65 Indoor LoRaWAN Gateway Specs: • Hardware System CPU: Quad-core 1.5 GHz, 64-bit ARM Cortex-A53 Memory: 512 MB DDR4 RAM Flash: 8 GB eMMC • LoRaWAN Antenna: 2 × Internal Antennas + 1 × 50 Ω N-Female External Connector Channel: 8 (Half/Full-duplex) Frequency: AS923-1 Sensitivity: -140dBm Sensitivity @292bps Output Power: 27dBm Max Protocol: V1.0 Class A/Class B/Class C and V1.0.2 Class A/Class B/Class C • Ethernet Interface Port: 1 × RJ45 (PoE PD supported) Physical Layer: 10/100/1000 Base-T (IEEE 802.3) Data Rate: 10/100/1000 Mbps (Auto-Sensing) Interface: Auto MDI/MDIX Mode: Full or Half Duplex (Auto-Sensing) • Wi-Fi Interface Antenna: Internal Antenna Standards: IEEE 802.11 b/g/n, 2.4GHz Mode: AP or Client mode Security: WPA/WPA2 authentication, WEP/TKIP/AES encryption Tx Power: 802.11b: 18 dBm +/-2.0 dBm (11 Mbps) 802.11g: 15 dBm +/-2.0 dBm (6 Mbps) 802.11g: 15 dBm +/-2.0 dBm (54 Mbps) 802.11n@2.4 GHz: 14 dBm +/-2.0 dBm (MCS0_HT20) 802.11n@2.4 GHz: 14 dBm +/-2.0 dBm (MCS7_HT20) 802.11n@2.4 GHz: 13 dBm +/-2.0 dBm (MCS0_HT40) 802.11n@2.4 GHz: 13 dBm +/-2.0 dBm (MCS7_HT40) • Cellular Interface (Optional) Antenna: Internal Antenna SIM Slot: 1 (mini SIM-2FF) • Others Reset Button: 1 × RST Console Port: 1 × Type-C	No	01

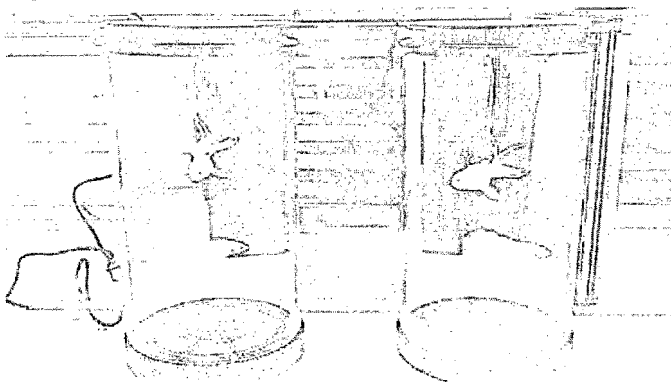
	LED Indicators: 1 × POWER, 1 × STATUS, 1 × LoRa, 1 × Wi-Fi, 1 × LTE, 1 × ETH Built-in Watchdog, RTC, Timer • Software Network Protocols: PPPoE, SNMP v1/v2c/v3, TCP, UDP, DHCP, DDNS, HTTP, HTTPS, DNS, Telnet, SSH, MQTT, MQTTS, BACnet/IP, Modbus TCP, Modbus RTU over TCP, etc. VPN Tunnel: OpenVPN/IPsec/PPTP/L2TP/GRE/DMVPN/WireGuard Firewall: ACL/DMZ/Port Mapping/MAC Binding/URL Filter Management: Web, CLI, SMS, On-demand dial up, DeviceHub, Milesight IoT Cloud, Yeastar Workplace Platform App: Python SDK, Node-RED • Power Supply and Consumption Power Input: DC Jack Connector for 9-24 VDC power supply, 1 × 802.3 af PoE input Power Consumption: Typical 2.9 W, Max 4.2 W • Physical Characteristics Ingress Protection: IP65 Dimensions: 180 x 110 x 56.5 mm (7.09 x 4.33 x 2.22 in) Installation: Desktop, Wall or Pole Mounting (or equivalent)		
11.	Inductive Proximity Sensor • Product Number: XS612B1PAL2 • Range of Product: Telemecanique Inductive proximity sensors XS • Sensor name: XS6 • output signal Discrete • Wiring Technique 3-wire • [Sn] nominal sensing distance 0.16 in (4 mm) • Discrete output function 1 NO • Output circuit type DC • Discrete output type PNP • Cable length: 6.56 ft(2 m) • Supply voltage: 12...48 V DC reverse polarity protection (or equivalent) 	No	01
12.	Photoelectric Sensor • Product Number: XUK2ARCNL2R • Cable length: 6.56 ft (2 m) • Type of output signal Discrete Supply circuit type AC/DC Wiring Technique 5-wire Discrete output function 1 NC + 1 NO • Supply voltage: 24...240 V AC/DC 	No	01
13.	Pressure sensor • Product Number: XMLA010B2S11 • Range of Product: Telemecanique Pressure sensors XM • Sensor type: Electromechanical pressure sensor • Pressure Rating: 145.04 psi (10 bar) • Fluid connection type G 1/4 (female) ISO 228 (or equivalent) 	No	01

14.	FT-F2 Weather sensor Package includes: 1x Ultrasonic wind speed and direction sensor with installation tube, 1x Data cable 4 meters, 1x user manual Model: FT-F2 Brand: fengtu Wind speed: ▪ Range: 0-60m/s ▪ Accuracy: $\pm 3\%$ ▪ Resolution: 0.1m/s Wind direction: ▪ Range: 0-359° ▪ Accuracy: $\pm 3^\circ$ ▪ Resolution: 1° Temperature: ▪ Range: -40-+80°C ▪ Accuracy: $\pm 1^\circ\text{C}$ ▪ Resolution: 0.1°C Humidity: ▪ Range: 0-100% ▪ Accuracy: $\pm 5\%$ ▪ Resolution: 1 Air pressure: ▪ Range: 300-1100hpa ▪ Accuracy: ± 1 ▪ Resolution: 0.1hpa Weight/ diameter/ height: 56g/ 50mm/ 50mm Digital output : RS485 Baud rate: 4800-19200 Communication protocol: ModBus, ASCII Operating temperature/humidity: -40°C-+70°C; 0-100% Working Altitude: 0-4000 meters VDC: 5-24V; 28mA Installation method: Top column installation or bottom lifting of aircraft Material/Color: ABS/Black (or equivalent)	No	01
15.	Hikvision DS-3E0318P-E/M 16 port Fast Ethernet Unmanaged POE Switch, 16 x 10/100 Mbps PoE ports, 1 x 10/100/1000 Mbps uplink ethernet port and 1 x 10/100/1000 Mbps uplink SFP port, IEEE 802.3 af & at high POE power supply, Maximum 250 m long distance PoE transmission, VIP port transmission priority (or equivalent)	No	01
16.	HP Color LaserJet Pro MFP 3301fdw Wireless Printer Print, copy, scan, fax, 2-sided prints, mobile/wireless/Ethernet Fast color printing at up to 26 pages per minute, HP's most reliable wi-fi and HP Wolf Pro Security, Dynamic security enabled printer	No	01

	(or equivalent)		
17.	FT602 Wind Sensor Wind Speed: ▪ Range 0 - 75m/s ▪ Resolution 0.1m/s ▪ Accuracy $\pm 0.5\text{m/s}$ (0-5m/s) $\pm 10\%$ (5m/s - 75m/s) Wind Direction: ▪ Range 0 to 360° ▪ Sensor Accuracy 5° ▪ Compass Accuracy TBC ▪ Resolution 1° Temperature: ▪ Range -20 to +60°C ▪ Resolution 0.1° ▪ Accuracy TBC Pressure: ▪ Range 260 - 1260hPa ▪ Resolution 0.0001hPa ▪ Accuracy $\pm 0.5\%$ Tilt: ▪ Range -40 to +40° ▪ Resolution 0.1° ▪ Accuracy TBC Environment: ▪ Temperature Range -20 to +60°C (operating and storage) ▪ Humidity 0 - 100% ▪ Altitude 0 - 4000m Data I/O: ▪ Interface RS422 (full-duplex), RS485 (half-duplex) or UART ▪ Format ASCII, polled or Continuous Update modes ▪ Data Update Rate Up to 10 measurements per second (10Hz) Power Requirements: ▪ Supply Voltage 24VDC nominal (5-26VDC range) ▪ Sensor Current (Heater off) 25mA nominal (29mA with compass enabled) Physical: ▪ Weight 170g ▪ Material Polycarbonate blend polymer ▪ I/O Connector 12-way M12 connector Mounting Method Surface-mount with adaptor for pipe mounting	No	01
18.	Thermal Printer VEVOR Portable Bluetooth Inkless Mobile Thermal Printer for A4 A5 11-2600mAh Battery Compatible with Multiple Systems Home Office, Brand Name: VEVOR, Model: Y8 pro, Printing Size: 2-8.5 in, Resolution: 300 DPI, Paper Loading Method: Roll Paper + Folded Paper, Connection: Bluetooth + USB, System Compatibility: Android, iOS, Laptops, Battery: 2600mAh, Included Accessories: Thermal Paper	No	01

	Roll, A to C Charging Cable, A to C Adapter, Soft Storage Bag, Driver USB Stick (or equivalent)		
19.	Wifi / Bluetooth Projector Brand Name: pericat Display resolution: 1920 x 1080; Special Features: Built-In Speaker, Portable, Built-In Wi-Fi, Connectivity Technology: Bluetooth, Wi-Fi, USB, HDMI, 3.5mm Jack, Mounting Type: Ceiling/Tabletop/Tripod/Wall Mount, Included in the Box: PJ108 projector X 1, HDMI cable X 1, Remote control X 1, Instruction manual X 1, Power cable X 1, AV cable X1 (or equivalent)	No	01
20.	iMet-XQ2 UAV Sensor ▪ Rechargeable Battery Battery life: 300 Minutes ▪ Data Storage: 16 Mb Flash Memory (15 hour storage) Data Transfer: USB - Sampling Rate: 1 Hz - Size / Weight: 126 x 58 mm, 60 g ▪ Humidity Sensor Type: Capacitive Range: 0 - 100% RH ▪ Temperature Sensor Type: Bead Thermistor Range: - 90 to + 50 ° C ▪ Pressure Sensor Type: Piezoresistive Range: 10 - 1200 hPa ▪ GPS Type: UBlox CAM-M8 Vertical Accuracy: 12 m	No	01
21.	Epson Projector: Epson EpiqVision Flex CO-FH02 Full HD 1080p Smart Streaming Portable Projector, 3-Chip 3LCD, 3,000 Lumen Color/White Brightness, Android TV, Bluetooth, 5W Speaker, Home Entertainment (Renewed) Brand: Epson, Style: CO-FH02 (Renewed), Built-In Speaker, Portable, Connectivity: Bluetooth, Wi-Fi, USB, HDMI, Display resolution: 1920 x 1080, Smart Streaming Capability — Android TV (3) interface with a simple-to-use remote—including voice search with built-in Google Assistant, Chromecast Included (5): smartphone, tablet or computer, including from popular Android and Apple devices (6), Included Accessories: EpiqVision Flex CO-FH02 projector, power cable, projector remote control, batteries, Quick Start Guide, Android TV Streaming Media Player with remote, mini-USB cable for Android TV power, HDMI cable (or equivalent)	No	01

22.	Insight - 5 Channel Wireless EEG Headset Package includes: 1 x Insight Travel Case 1 x Insight Headset 1 x Sensors Pack 1 x USB-C Charging Cable 1 x Sensors Tip 1 x Fluid Bottle 1 x Hex Key 1 x 5 Dry-Sensor Specs: 5 channels: AF3, AF4, T7, T8, Pz 2 references: CMS/DRL references on left mastoid process New three prong gummy sensor: for better hair penetration on Pz Sensor material: Hydrophilic semi-dry polymer Sampling rate: 128 samples per second per channel Resolution: 16 bits with 1 LSB = 0.1275µV Frequency response: 0.5-43Hz, digital notch filters at 50Hz and 60Hz Filtering: Built in digital 5th order Sinc filter Dynamic range (input referred): 8400 µV(pp) Coupling mode: AC coupled Wireless: Bluetooth Low Energy – Improved radio connectivity, updated antenna with Bluetooth 5 support. Motion Sensor IMU part: ICM-20948 Accelerometer: 3-axis +/-8g Gyroscope: 3-axis +/-2000 dps (converted to 4 normalised quaternions) Magnetometer: 3-axis +/- 12 gauss Sampling rate: 32 Hz Resolution: 16 bits Battery: Internal Lithium Polymer battery 480mAh Battery life: Improve battery life up to 20hrs on a single charge. Detection Mental commands: neutral + up to 4 pretrained items per training profile Performance metrics: Excitement, Engagement, Relaxation, Interest, Stress, Focus Facial Expressions: Blink, Wink L/R, Surprise, Frown, Smile, Clench Notice: Limited beta support on Ubuntu & Raspberry Pi, subject to OS changes.	No	01
23.	3d Holographic Display Hologram Projector Hologram Cylinder Advertising Display Circular Transparent Screen Hologram Box Fabric: Polyester, screen height: 21.5, Screen Width: 5, Resolution: 1920 ×1080, Ratio: 16:09, feature: LED, brand name: zc, model number: SH18010, Input Interface: HDMI or USB, Audio: Built-in speaker 2W*2, Video Format: MP4, MPG, AVI, Features: Hologram	No	02

	3D ,Three dimensional images, Portable, High-strength holographic imaging material, good grayscale performance, high transparency, high reflection, borderless display 		
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- a) Required brands (where applicable. minimum 3 x brands).
- b) Specify if installation, testing, commissioning and training is required for machinery/equipment.
- c) Warranty requirement (where applicable).