

S.No	Product Description	Quantity
1	Microcontrollers & Modules	
1.1	Photon 2 Microcontroller	1
1.2	ESP32 Module	1
1.3	Arduino Uno	3
1.4	Arduino Nano	5
1.5	Bluetooth Module	1
1.6	GPRS/GSM Module	1
2	Drone Specific Components	
2.1	Radio Link Crossflight Motherboard	1
2.2	GPS Module (Ublox Neo-7M)	1
3	Sensors & Measurement	
3.1	PMS5003 PM2.5 Air Quality Sensor	1
3.2	Ultrasonic Sensor	15
3.3	IR Sensor Module	15
3.4	Soil Moisture Sensor	5
3.5	MPU6050 Gyroscope / Accelerometer	1
3.6	MAX30102 Heart Rate & SpO2 Sensor	1
3.7	DHT11 Humidity & Temperature Sensor	1
3.8	MQ-2 Gas Sensor	1
3.9	PIR Motion Sensor (HC-SR501)	1
3.11	Digital Barometric Pressure Sensor	1
3.12	Pulse Sensor Module	1
3.13	Hall Effect Sensor Module	1
3.14	Sound Sensor Module	1
3.15	Rain Detection Sensor	1
3.16	Speed Sensor Module	1
3.17	Infrared Flame Sensor	1
3.18	Metal Sensor Module	1
3.19	Color Sensor Module	1
3.2	Alcohol Sensor	1
3.21	Fingerprint Sensor	1
3.22	Range Sensor	5
4	Displays & Indicators	
4.1	2.4" TFT Display Screen	3
4.2	I2C LCD Modules	5
4.3	Buzzer	15
5	Passive Components & Wiring	
5.1	Jumper Wires (Male to Male)	20
5.2	Jumper Wires (Male to Female)	20
5.3	Jumper Wires (Female to Female)	20
5.4	220 Ohm Resistor	10
5.5	10k Ohm Resistor	10
5.6	Pin Headers	10
6	Tools & Safety	
6.1	Soldering Iron	1
6.2	Soldering Wire	2
6.3	Toolkit	1
6.4	Glue Gun	1
6.5	Safety Gloves	2
7	Thermal Management	
7.1	Peltier Module (TEC1-12706)	1
7.2	Peltier Module (SP1848)	1

7.3 Aluminum Heat Sinks 2

7.4 Thermal Paste 2