

List of Components purchased through tender

SR. NO.	Description	QTY
1.	Raspberry Pi 4 4gb	10
2.	Arduino Uno R3 Board	10
3.	5V 3 A Raspberry Pi AC Adapter	5
4.	Raspberry Pi Case	10
5.	Raspberry pi 7" Touch Screen Display	5
6.	Pi Power over Ethernet Shield	5
7.	Pi Expansion Board with XBEE connections	5
8.	Raspberry Pi Zero W	5
9.	GPIO Expansion Module	5
10.	2.7" E Paper Display for Pi	2
11.	3.5" Touchscreen Lcd for Pi	2
12.	40 Pin GPIO Expansion for Breadboard	2
13.	DHT11 / DHT 22 Temperature Humidity Sensor	5
14.	DS18B20 Temperature Sensor	5
15.	BMP 180 Barometer Sensor	5
16.	Moisture Sensor	5
17.	MQ2 Gas Sensor	5
18.	infrared distance meter	5
19.	GPS Neo 6 M Module	5
20.	Usb GPS Receiver	5
21.	MPU 6050 Gyroscope	5
22.	HMC5883L Compass	5
23.	2.4 GHz NRF 24L01 Module	5
24.	Laser Module L650MOD Laser Sensor Module 650nm 6mm 5V 5mW Red Laser	5
25.	Servo Motor SG90 Tower Pro Micro Servo Motor for RASPBERRY PI ARDUINO	2
26.	Stepper Motor REES52 ULN2003 5V Stepper Motor + Uln2003 Driver Board for Arduino	2
27.	PCA9685 Servo Board SLB Works 16-Channel 12-bit PWM Servo Motor Driver I2C Module Board PCA9685	2
28.	L293D Motor Driver Module L293D-02 L293D Ic Based Motor Driver Module Compatible with Arduino and Other MCU	2
29.	12V 100 RPM DC Motor	1
30.	12V 200 RPM DC Motor	1
31.	12V 500 RPM DC Motor	1
32.	12V 1000 RPM DC Motor	1
33.	12V 1200 RPM DC Motor	1
34.	A4988 Servo Driver Module Evaluate Rumba+ Control Board & 6Pcs A4988 Stepper Motor Driver for 3D Printer	1
35.	Joystick Module Dual-Axis XY Joystick Module for Arduino and Devices	2
36.	ADC Module Robocraze PCF8591 ADC/DAC Analog Digital Converter Module RC-A-603	2
37.	Rotary Switch Rotary Switch 1 Pole 12 Way, Set of 2 Pcs ROMTEK	2
38.	Raindrop Sensor Raindrops Detection Sensor Module Rain Weather Module Humidity	5
39.	HeartBeat or Pulse Sensor Pulse-Sensor Pulse Sensor Heartbeat Heart Rate Sensor	5

	Module for Arduino	
40.	8 Relay Module 8 Channel Relay Control Panel PLC Relay 5V Module With Optocoupler For Arduino	1
41.	HD44780 4 Line Lcd Display 20x4 Line LCD Display with Yellow Backlight HD44780	5
42.	7 Segment Display Module 4 Bits Digital Tube LED Display Module With Clock Display TM1637 for Arduino Raspberry PI	2
43.	Fingure print Optical Sensor Module Optical Fingerprint Reader Sensor Module for Mega2560 UNO R3 Raspberry Pi 3 RC-A-400	2
44.	4x4 matrix Keypad Matrix Keypad 4x4, Membrane type, Self Adhesive	2
45.	4x3 Matrix Keypad	2
46.	Water flow meter sensor Flow Sensor	5
47.	Load Cell Sensor HX711 Dual Channel Precision ADC and Load Cell Weighing Sensor - 40Kg	2
48.	Raspberry Pi Camera Module Camera-5Mp Raspberry Pi 3 Camera Module Board 5Mp	5
49.	Touch Sensor TTP223B Digital Touch Sensor Capacitive Touch Switch Module	5
50.	Flame Sensor SEN16 Flame Sensor Infrared Receiver Module Ignition Source Detection Module	5
51.	Hall Effect Sensor Hall Current Sensor Module ACS712 20A Model	5
52.	Shock Sensor 3pin SW-18015P Shock Sensor Vibration Switch Sensor Module KY-002 For Arduino UNO Mega PIC AVR Raspberry pi	2
53.	Buzzer Sensor Active Buzzer Alarm Module Sensor Beep for arduino smart car GM	2
54.	HDMI To VGA Cable	10
55.	Micro USB cable for Power Supply	10
56.	Female/Male Jumper Wires for Arduino/Raspberrypi/Robotics - 40 x 8"	5
57.	Male/Male Jumper Wires for Arduino/Raspberrypi/Robotics - 40 x 8"	5
58.	Female/Female Jumper Wires for Arduino/Raspberrypi/Robotics - 40 x 8"	5
59.	RC522 RFID Reader/Write For Arduino	5
60.	Triple Axis Accelerometer ADXL335 for Arduino/Raspberry-Pi/Robotics	5
61.	CMOS Camera (OV7670) Module for Arduino/Raspberry-Pi/Robotics	5
62.	Ultrasonic Sensor Module HC-SR04 for Arduino/Raspberry-Pi/Robotics	5
63.	Infrared distance sensor 0A41SK / GP2Y0A41SK0F for Arduino/Raspberry-Pi/Robotics	5
64.	GSM GPRS SIM900A module with Stub Antenna and SMA connector for Arduino/Raspberry	5
65.	PIR Motion Detection Sensor HC-SR501 for Arduino/Raspberry-Pi/Robotics	5
66.	IR Proximity Sensor for Arduino/Raspberry-Pi/Robotics	5
67.	HC-05 Wireless Bluetooth RF Transceiver Module Serial/TTL/RS232 for Arduino	5
68.	ESP8266 WiFi module Arduino	5
69.	Soldering gun (Soldron Make)	2
70.	Soldering Wire	2
71.	Soldering Flux	2
72.	Breadboard	10
73.	SanDisk EVO Plus microSD Memory Card 32GB (For Raspberry Pi)	10
74.	LIDAR-053 EAI YDLIDAR X4 LIDAR Laser Radar Scanner Ranging Sensor Module 10m 5k Ranging Frequency for ROS SLAM Robot	7
75.	433MHz LoRa SX1278 Long Range RF Wireless Module DRF1278F for Arduino	5