

**Department of Optoelectronics, University of Kerala, Kariavattom,
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Quotation Notice

OPTO/P-13/2023-24

Quotations are invited for the purchase of the following items in the Department

Items	Quantity
1 Arduino UNO(with power adapters and cables)	10
2 Raspberry pi 4(8gb ram)	2
3 Raspberry pi 3 b +	2
4 Esp32	5
5 Esp 8266 nodemcu	5
6 Seed studio iot starter kit(arduino)	1
7 Bluetooth module (HC 05 and HC 06)	10
8 Tem and humidity sensor(DHT11 /DHT 22)	10
9 PIR sensor	10
10 LDR	10
11 MQ series gas sensors	10
12 RFID modules	10
13 SG90 micro servo	10
14 L298N motor driver for DC motors	5
15 dc motors	10
16 7 segment displays	10
17 LCD displays	10
18 OLED display	5
19 breadboards (large)	10
20 Breadboards(small)	5
21 Jumper wires	1 set
22 Resistors ,capacitors,leds,transistors	1pack each
23 micro SD card for raspberry pi	5
24 buzzer	10
25 button	1
26 led	1 set/pack
27 potentiometer 10K	1
28 Rechargeable batteries (e.g., Li-ion or LiPo) for mobile and remote projects.	1
29 Power supply (0 to 15 v) and 0 to 30 v	1 each
30 Soldering station	1
31 Third hand(soldering stand) + magnifying lamp	1
32 De-soldering pump	2
33 Multimeters	5
34 Wire strippers	1
35 PCB etching kit	1
36 basic mechanical tools- pliers, strippers	2 each

37	Esp 32 development kit (with all the necessary parts)	1
38	Esp 8266 nodemcu development kit	1
39	Robotic vehicle chasis	5
40	Ultrasonic sensor	10
42	Single relay	10
43	4 channel relay module	5
44	8channel relay module	5
45	RTC module	10
46	3 axis accelerometer	10
47	Flame sensor	10
48	IR transmitter /receiver	10
49	LoRaWAN modules (for long range IoT)	1
50	PCB Vise	1
51	GSM/GPRS Shield:	5
52	Zigbee module	5
53	GPS module	5
54	Raspberry pi camera module	2
55	Raspberry pi zero w	2

Scope of purchase

The rates quoted must be inclusive of all taxes, cost of supply at site including loading and unloading charges if any, installation charge and any other applicable charges etc.

*Warranty/Guarantee- The supplier shall guarantee to repair/replace the item or its part - if found defective within the warranty period. The entire expenditure for repair/ replaces the item in this regard shall be borne by the supplier.

The firms wish to supply the item are requested to submit the quotation in sealed cover super scripted with "reference....." to the undersigned not later than 3:00pm on 16.01.2024. Quotations will be opened at 11:00am on next working day (17.01.2024) in the presence of the suppliers or their authorized agents. If the above date of opening tender happens to be declare as a holiday due to any valid reason, the tender opening process will be done on the next working day or the day fixed by the undersigned.

03.01.2024



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Professor & Head
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