# DEPARTMENT OF TECHNOLOGY
## SHIVAJI UNIVERSITY, KOLHAPUR MAHARASHTRA-416004
### तंत्रज्ञान अधिविभाग, शिवाजी विद्यापीठ, कोल्हापूर.
### ४१६००४–महाराष्ट्र
दूरध्वनी: ०२३१–२६०९४२४/ २६०९४१४

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Estd. 1962
"A++" Accredited
by NAAC(2021)
With CGPA 3.52

SU/DOT/B. Tech. ETC

Date-24/02/2024

To,

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**Subject –** Quotation to purchase electronic items

Dear Sir / Madam,

We are interested to purchase following electronic items. Please send your quotation in a sealed envelope so as to reach this office on or before 20/03/2024.

| Sr. No. | Item Name | Specifications | Quantity |
|---|---|---|---|
| 1 | Sulpher dioxide gas sensor module | Sulpher dioxide sensor module, Detection concentration 150 ppm, resolution 0.1 ppm, Arduino UNO R3 compatible | 3 |
| 2 | Ozone gas sensor module | MQ 131 ozone sensor module, Arduino UNO R3 compatible | 3 |
| 3 | Carbon monoxide gas sensor module | MQ-9 Carbon monoxide Gas Sensor Module Gas Sensor module, 5V DC, 150mA current, 10-1000 ppm CO, Module Size: 30×19×15mm, Arduino UNO R3 compatible | 3 |

| 4 | Carbon dioxide gas sensor module | MG811 carbon dioxide sensor module, Operating Voltage: 6V DC., Characteristic Gas: CO2 (Carbon Dioxide), Detection Zone: 0 – 10000 ppm, High sensitivity & stability, Digital output: Active low (When it outputs a low-level signal, the indicator LED will be on), Arduino UNO R3 compatible | 3 |
|---|---|---|---|
| 5 | Multi gas sensor air quality monitoring sensor module | ZPHS01B - Multi-in-one Gas Sensor Air Quality Monitoring Sensor Module, multi-in-one air quality module, integrating laser dust sensor, infrared carbon dioxide sensor, electrochemical formaldehyde sensor, electrochemical ozone sensor, electrochemical carbon monoxide sensor, VOC sensor, NO2 sensor and temperature and humidity sensor. 5V DC, Serial communication, Arduino UNO R3 compatible, Dimensions: 135 x 50 x 26.2mm (L x W x H) | 1 |
| 6 | Lithium Ion batteries, terminal connectors, clips, male DC plugs and charger | 3.3 V Li Batteries with terminal connectors, Battery clips with male DC plugs, battery holder case, and charger | 5 |
| 7 | Wires, connectors and bread boards | HUAREW Breadboard Kit with Power Supply Module, Jumper Wires, USB power supply, Output switch over voltage 3.3V/5V, Battery Clip, 830 & 400 tie-Points Breadboard | 5 |
| 8 | Arduino UNO R3 board with DIP 328P Microcontroller and programming cables | Arduino UNO R3 with USB serial cable for programming, DIP ATMega 328P, 32 KB storage, Bluetooth support, | 5 |
| 9 | WiFi Module – ESP 8266 | Wi-Fi Module: ESP-12E module similar to ESP-12 module but with 6 extra GPIOs<br><br>USB: Micro USB port for power, programming and debugging | 5 |

| | | Headers: 2x 2.54mm 15-pin header with access to GPIOs, SPI, UART, ADC and power pins Miscellaneous: Reset and flash buttons Dimensions: 49 x 24.5 x 13mm. WiFi and USB connectivity , Arduino UNO R3 compatible | |
|---|---|---|---|
| 10 | 16X2 LCD displays with IIC / I2C serial interface adapter module | 16x2 LCD display with Serial I2C protocol interface module , Backlight color green or blue, Arduino UNO R3 compatible | 3 |
| 11 | Nitrogen Dioxide gas sensor module | MCS- 6814 Air Quality CO, NO2 ,NH3 ,Nitrogen Oxygen Gas Sensor Module, Arduino UNO R3 compatible | 3 |
| 12 | Temperature and humidity sensor module | DHT11 temperature and humidity sensor module For Arduino , Humidity measurement 20% - 90% RH, 0- 50 degree Celsius, Arduino UNO R3 compatible | 5 |

While submitting the quotation, the conditions specified below may please be carefully observed. Quotations are liable for cancellation if these conditions are not met.

Yours faithfully

Director
Department of Technology
Shivaji University

# TERMS AND CONDITIONS

1) The make and manufacturer of the product , specifications may be clearly mentioned for our consideration and to expedite the orders. The material should be supplied in original packing of the manufacturer.

2) Price may be indicated below in clause (a) for outstation firms and clause (b) for local firms.
   a) F.O.R. destination / dispatching station by goods / passenger trains.
   b) For free delivery at the department of Technology, Shivaji University Kolhapur, 416004

3) Your rates are assumed to include packing and forwarding charges unless separately stated. The goods should be ensured against theft , loss or breakages during transits and insurance charges should not exceed the cost of the material supplied.

4) The rate of sales Tax, GST, CST and excise duty may be clearly indicated wherever chargeable, in the absence of which it will be deemed that no taxes are payable by us.

5) A.P. form for sales tax concession will be sent to you after execution of order for claiming concession in payment of sales tax in Maharashtra state.

6) a) Specification information is required as to whether the items have been offered ex-stock or will have to be imported, as also how much time is required for deliver after placing the order.
   b) Your offer should be kept open for at least 2 months from the date of opening the quotation/tender.

7) Each quotation is to be enclosed in double envelope. The inner envelope must be sealed and super scribed "Quotation for ………………………………… your no. …………date …………………………". In the inner envelope the list of items to be purchased, their technical specifications and price along with taxes and other charges should be mentioned. The outer envelope may bear the address, Director , Department of Technology, Shivaji University, Kolhapur , 416004 and description "Quotation for ………………………………… your no. …………date …………………………" should be mentioned on it. In the outer envelope the documents like Bank statement details of your firm, valid GST certificate, PAN card, the manufacturer details and technical specifications of the above items you are supplying etc. should be enclosed.

8) Offers made on conditions like "subject to prior sale", "subject to availability" taxes as applicable etc. or with similar vague conditions are liable for ignorance.

9) The date of delivery should be strictly adhered; otherwise the supply order is liable for cancellation.