MAULANA ABUL KALAM AZAD UNIVERSITY OF TECHNOLOGY, WEST BENGAL
(Formerly, WEST BENGAL UNIVERSITY OF TECHNOLOGY)
Main Campus: NH-12, Simhat, Haringhata, Nadia, Pin-741249, W.B.
Kolkata Office: BF-142, Sector –I, Salt Lake City, Kolkata -700 064
Phone: +91 33 2321-0731, 2321-1327 # Fax: +91 33 2321-7578, 2334-1034
Website: *www.wbut.ac.in*

TENDER NOTICE FOR SUPPLY OF EQUIPMENTS

Notice No. : **MAKAUT-WB / SB/ 005 – 2nd Call/2019 - 2020**

Date of Issue : **11-03-2020**

Last Date of Submission : **18-03-2020**

Tender Fee : **Rs. 500/-**

Main Campus : **NH - 12, Simhat, Haringhata, Nadia, Pin-741249, W.B.**

Kolkata Office : **BF - 142, Sector-I, Salt Lake City, Kolkata-700064**

Information / Document(s) to be provided by the Bidder:

1. **Contact information** :

   a) **Name of the Bidder** :
   b) **Address** :
   c) **Telephone No.** :
   d) **Mobile No.** :
   e) **Fax No.** :
   f) **E-mail id (if any)** :

2. **Name(s) of the Proprietor/Partners/Directors, etc.** :

3. **Trade License No. (With Photocopy)** :

4. **PAN** :

5. **GSTIN** :

6. **Additional Document(s) / Information, if the party wants to include:**
   1)
   2)

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3)

4)

5)

7. Details of Tender Fee deposited   :

    a) Demand Draft No. & Date   :

    b) Name of the Bank & Branch   :

    c) Signature(s) with Official Stamp

TENDER NOTICE FOR SUPPLY OF EQUIPMENTS,
:
AT NH – 12, SIMHAT, HARINGHATA, NADIA, PIN - 741249

SEALED FINANCIAL BIDS ARE HEREBY INVITED FROM INTERESTED PARTIES FOR SUPPLY OF EQUIPMENTS (AS PER SPECIMEN) AT NH-12, SIMHAT, HARINGHATA, NADIA, PIN-741249, W.B. :

DESCRIPTION OF WORK :

SL No.	Equipment Name	Specification	Qty.
1	Raspberry PI 4 Model B	Quad-Core 64-bit Broadcom 2711, Cortex A72 Processor Dual-Display Micro HDMI Ports which supports H 265 Decode for 4K Video @60p LAN RJ45 10/100/1000 Mbit (Gigabit LAN over USB 3.0) WLAN 802.11 b/g/n/ac (2,4 + 5,0 GHz) Operating Power 5V@3A via USB Type-C Port 4 GB RAM	1
2	Arduino Nano V3	Microcontroller Atmel ATmega328 Operating Voltage (logic level): 5V Input Voltage (recommended): 7V ~ 12V Input Voltage (limits): 6V ~ 20 V"; Digital I/O Pins: 14 (of which 6 provide PWM output) Analog Input Pins: 8 DC Current per I/O Pin: 40mA";Flash Memory: 32KB (ATmega328) (of which 2 KB used by bootloader) SRAM: 2KB (ATmega328) EEPROM: 1KB (ATmega328) Clock Speed: 16MHz	1
3	Sensor Kits	1 x Quaduino Uno R3 board (High Quality Arduino compatible Board) + 1 x USB cable 1 x GPIO Extension Board + 1 x Connecting Cable 1 x Breadboard 830 Tie Points	1

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1 x Mini Solderless Prototype Breadboard 170 Tie Point
1 x Breadboard Power Supply Module
10 x 5mm Red LEDs
10 x 5mm Green LEDs
10 x 5mm Yellow LEDs
10 x 5mm Blue LEDs
1 x 5mm RGB LED
5 x Tactile Push Button Switch
~600 - 30 Different types of Resistors (Only from QuadStoreIndia)
1 x 1k potentiometer
1 x 5k potentiometer
1 x 10k potentiometer
1 x 2.54mm Elbow 40 Pin Header
1 x 2.54mm Straight 40 Pin Header
1 x 5516 Light Dependent Resistor（Photoresistor）
1 x SW-520D Vibration Sensor Metal Ball Tilt Shaking Switch
1 x Active Buzzer 5V
1 x Passive Buzzer 5V
1 x MAX7219 Chip
1 x 8*8 Dot Matrix Led display
1 x 74HC595 8bit Shift Register
1 x LM35 Temperature Sensor
1 x Infrared Receiver Type 1838
1 x Infrared receiver
1 x Infrared Transmitter
1 x Npn transistor ss8050
1 x Flame Sensor
1 x Stepper Motor(28BYJ48 5V)
1 x Stepper Motor Driver Board
1 x SG90 Servo motor
1 x 1602 LCD Blue Backlight
1 x 4 Digit Display Module
1x 4*4 Keyboard Module
1 x Sound Sensor Module
1 x PS2 Joystick module
1 x RTC module(Battery Not Included)
1 x 2-Channel Relay Module 5V 10A
65pcs x Jump Wires
40pcs x 20cm Female-Female Dupont wires
40pcs x 20cm Male-Female Dupont wires
40pcs x 20cm Male-Male Dupont wires
1 x 9V Battery Holder(9V Battery not included)
1 x Ultrasonic Module HC-SR04 with Bracket Srews
1 x HC-SR501 PIR Motion Sensor
1 x RC-522 RFID module

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		1 x S50 Blank White Card 1 x S50 Key Ring Card	
4	Optical Fingerprint Reader	Power supply voltage: DC 4.2--6.0V; Working current: 50mA (typical); Peak current: 75mA; Acquisition window area: 14×18 mm; Storage capacity: 1000 pieces. Set the Security Level and Baud Rate: The fingerprint reader module can set the security level and baud rate, communication baud rate: (9600xN)bps, N=1~12 (By default, N=6, baud rate = 57600bps).	1
5	ECG Sensor	Input Voltage: 3.3-6V (5V recommended) Output Voltage: 0-3.3V Interface: Analog Operating current: <10mA imension: 35 x 22(mm), 1.378" x 0.866"(in) Interface Type: PH2.0-3P	1

IMPORATANT INFORMATION FOR THE BIDDERS

1. **The bids must be as per the specifications mentioned in the tender notice. Any deviation in item(s) will not be allowed and the bid will summarily be rejected.**

2. *The quotation should have a quotation reference number and date. The copy of tender should also be attached with the bid documents.*

3. *The item rates, taxes and other charges should be separately mentioned in the quotation. In case the rates include tax, the rate (%) of the tax should be mentioned in the quotation. The University will provide DSIR Certificate against which all permissible tax relief is exempted. Vendors registered under composite GST Scheme must mention the same in the bid document.*

4. Bids will be opened by the Officials of MAKAUT, WB. Intending bidders may remain present if they desire so. If there is any deficiency in the necessary documents, the tender will summarily be rejected. During the evaluation process, the Committee may invite the bidders and seek clarification / information or additional documents or original hard copy of any of the documents already submitted and if those are not produced within the stipulated time frame, their bids will be liable for rejection.

5. Submission of false document / information by the bidder is strictly prohibited and will be liable for rejection of the tender.

6. **Current valid Trade License (2019-2020) must be attached. In case the current valid license is not available, the vendor should attach the last trade license (2018-2019) and the same should be accompanied by the renewal application copy / copy of receipt against fees paid for renewal.**

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7. Any form of sub-tendering or sub-letting of the job in part or full is strictly prohibited.

8. Partial bidding may not be allowed by the University Authority.

9. Being the lowest bidder in terms of rates are not only criteria to become eligible for the job. Selection of the eligible bidder will be done on the basis of credentials and past performances

10. **The University reserves the right to accept or reject any tender without showing any reason.**

11. **Tender fees to be submitted in the form of demand draft favouring, 'MAKAUT,W.B.', payable at Kalyani.**

12. For any other necessary information, please contact the University Authority to the following address :
    Maulana Abul Kalam Azad University of Technology, West Bengal
    (Formerly known as: West Bengal University of Technology)
    NH – 12, Simhat, Haringhata, Nadia
    E-Mail id: *registrar@wbut.ac.in*
    Contact Person(s): Finance Officer, MAKAUT, WB   **Sd/-**

                                                                                  Registrar

                                                                                  MAKAUT, WB