



# INDIAN INSTITUTE OF INFORMATION TECHNOLOGY, KALYANI

Autonomous institution under MHRD, Govt. of India

&

Department of Information Technology & Electronics, Govt. of West Bengal

14 No. Adivasi Para, WEBEL IT Park, Kalyani -741235,

West Bengal, website : [www.iitkalyani.ac.in](http://www.iitkalyani.ac.in)

## Notice Inviting Quotations

Ref : IITK/Enquiry/2021/134

Dated 12.03.21

Sealed Quotations are invited from bonafide vendors/suppliers/firms for supplying of the electronic items as given below on urgent basis for project (SRIC/20-21/DSC1(Hafizul)/01). The requirements are given below. Vendor should be very well familiar with the items.

Sl. No.	Item	Specification of the item	Quantity	Price Per Item	Total Price (including tax/GST)
1	PiBOX India Raspberry Pi 4 4GB Easy Cool 4 Combo kit	4413W with Pi4 4GB, Pi4 Fan case, Dual Speed Fan,16GB Noobs Card, BIS 3 Amps Charger, 3 Piece Heatsink, HDMI Cable and Accessories	2		
2	Portable 4G Wireless N Router	300 Mbps Speed Frequency: 2.4 GHz Internal Antenna	1		
3	Wireless Optical Mouse with Bluetooth	Wireless Interface: Bluetooth Optical Mouse Supports Windows 7, 8, 10	2		
4	Multimeter	DC voltage, AC voltage, DC current, AC current, Resistance, Capacitance, Temperature, Frequency, Diode, Continuity Test, Non Contact Voltage detection, true RMS	1		
5	Breadboard 840 Points	Breadboard 840	4		
6	Jumper wire	male-male, male-female, female-female	20		
7	DHT11 Board With Header	DHT11 Board With Header	4		
8	MAX30100 Pulse Oximeter Heart Rate Sensor Module	MAX30100 Pulse Oximeter Heart Rate Sensor Module	2		
9	LCD 16X2 with Male Header pin	Voltage rating – 5V Dimension - 3.15" x 1.425" Blue Backlight Interface – Male header pin	2		
10	HC-SR04 Ultrasonic Sensor	HC-SR04 Ultrasonic Sensor	1		
11	HC-05 Bluetooth	HC-05 Bluetooth Module (Master/Slave)	2		



# INDIAN INSTITUTE OF INFORMATION TECHNOLOGY, KALYANI

Autonomous institution under MHRD, Govt. of India

&

Department of Information Technology & Electronics, Govt. of West Bengal

14 No. Adivasi Para, WEBEL IT Park, Kalyani -741235,

West Bengal, website : [www.iiitkalyani.ac.in](http://www.iiitkalyani.ac.in)

	Module (Master/Slave)				
12	LDR photo resistor	LDR photo resistor	2		
13	Active/Passive Buzzer	Active/Passive Buzzer	4		
14	Push Button	micro switches smd 4pin copper feet Push Button	4		
15	ADXL335 Accelerometer	Supply Voltage: 3V – 5V Full scale range: +/-3g Sensitivity: 300mV/g	1		
16	LED 3MM	Red, Blue, Green, White	4 x 30		
17	Potentiometer	100K ohm A100,B100 dual potentiometer	2		
18	Generic Electronic Components Project Kit	Breadboard, hookup wire, battery (power-bank), Assorted transistor Assorted capacitors Assorted resistors Misc-components (LED)	1		
19	Multi Card Reader Adaptor	USB Type C, USB 3.0 and Micro USB, OTG, Memory Card Reader, Adapter Portable 1 Slots for TF, SD, Micro SD, SDXC, SDHC, MMC, RS-MMC, Micro SDXC, Micro SDHC, UHS-I, USB 3.0	1		
20	HDMI to VGA Converter	compact-made portable HDMI to VGA adapter connects a computer, desktop, laptop, or other devices with HDMI port to a monitor, projector, HDTV, or other devices with VGA port	2		
21	USB Type C Cable	Length 1.2 m Flat Cable Connector One: A Type Connector Two: A Type Cable Speed: 480 Mbps	2		
22	Micro USB Cable	Micro USB Cable	2		
23	Micro HDMI to DVI-D Cable	Micro HDMI to DVI-D Cable	2		
24	Arduino Uno R3 Board + Cable	Arduino Uno R3 Board + Cable	2		
25	Arduino Mega 2560 R3 Board + Cable	Arduino Mega 2560 R3 Board + Cable	1		
26	Arduino MKR 1000 Board Header Mounted+ Cable	Arduino MKR 1000 Board Header Mounted+ Cable	2		
27	RedBoard Artemis ATP for Arduino Mega+Case+cable	RedBoard Artemis ATP for Arduino Mega+Case+cable	2		
28	NodeMCU Development Board	NodeMCU Development Board (ESP32/ESP8266) with Header	5		



# INDIAN INSTITUTE OF INFORMATION TECHNOLOGY, KALYANI

Autonomous institution under MHRD, Govt. of India

&

Department of Information Technology & Electronics, Govt. of West Bengal

14 No. Adivasi Para, WEBEL IT Park, Kalyani -741235,

West Bengal, website : [www.iiitkalyani.ac.in](http://www.iiitkalyani.ac.in)

	(ESP32/ESP8266) with Header				
29	Wired External Hard Disk Drive	Portable Hard Drive, USB 3.0 Cable Capacity: 2 TB System Requirements Windows 7, Windows 8, Windows 8.1, Windows 10 Portable	1		
30	ESP8266 Serial WIFI Wireless Transceiver Module	Power Supply: +3.3V only Current Consumption: 100mA I/O Voltage: 3.6V (max) I/O source current: 12mA (max) Built-in low power 32-bit MCU @ 80MHz 512kB Flash Memory	2		
31	STM32F103C8 T6 Minimum System Board Microcomputer STM32 ARMCore Board	Mainstream Performance line, Arm Cortex-M3 MCU with 64 Kbytes of Flash memory, 72 MHz CPU, motor control, USB and CAN	2		
32	STM32F777 Arm Cortex-M7 Micro Controller Unit	High-performance and DSP with FPU, Arm Cortex-M7 MCU with 2 Mbytes of Flash memory, 216 MHz CPU, Art Accelerator, L1 cache, HW crypto, SDRAM, TFT, JPEG codec, DFSDM	1		
33	USB to Lan Adapter	High quality USB A to RJ45 LAN Connector	1		
34	Laptop Cooling Pad	Laptop Cooling Pad with Fan	1		
35	Pen Drive	Pen Drive 64 GB	1		

Quotations are to be submitted in closed sealed cover to **Deputy Registrar, IIIT Kalyani, 14 No. Adivasi Para, WEBEL IT Park, Kalyani-741235, West Bengal**, within 22nd March, 2021, 3:00 pm and the supply and training (if required) is to be completed urgently within 15 days after issuance of P.O.. In case of failure to complete the supply in time, order may be cancelled without assigning any reason. Payment will be made by cheque. IIIT, Kalyani reserves the right to accept and/or reject any or all proposal submitted against this works without assigning any reason whatsoever.

#### Notes:

1. All rates should be exclusive of taxes. Taxes should be separately mentioned.
2. Lowest rate offered will not be only criterion of this work. Quality, experience, credential will be given equal importance in this process.
3. The PAN number, GST Number should be mentioned. The clearance/ no dues certificates issued by Income Tax Department shall be attached with Trade license.

(Deputy Registrar)



# INDIAN INSTITUTE OF INFORMATION TECHNOLOGY, KALYANI

Autonomous institution under MHRD, Govt. of India

&

Department of Information Technology & Electronics, Govt. of West Bengal

14 No. Adivasi Para, WEBEL IT Park, Kalyani -741235,

West Bengal, website : [www.iitkalyani.ac.in](http://www.iitkalyani.ac.in)

---