



**THAPAR INSTITUTE**  
OF ENGINEERING & TECHNOLOGY  
(Deemed to be University)

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**Enquiry No. TIET/CS/AA/21-22/21315**  
**Date : July 26, 2021**

**Sub:** Request for Quotation(s) for the Supply of IOT Modules  
Dear Sir

We shall be grateful if you kindly let us have your lowest **quotations** for the following materials. THE QUOTATIONS SHOULD REACH THE UNDERSIGNED **LATEST BY August 06, 2021** through **courier or e-mail** accompanied by appropriate illustrative literature/catalogues/pamphlets/technical details, samples and specifications as the case may be. **On the quotation envelope/ subject the Enquiry Number & Date should be mentioned on the top of the Envelope/mail subject.**

Sr. No.	Item Name	Qty.
1.	<u>Configurable IOT Modules</u>  For specifications and qty See attached sheet	25

**The offer sent by you must furnish the following details:**

1. Name, Make & specifications of each item.
2. **Price Breakup itemwise with MRP. (Treat it mandatory)**
3. Educational discount.
4. **Validity of quotation should be at least 60 Days.**
5. **GST %**
6. **Delivery FOR Central Stores TIET, Patiala**
7. Insurance, Freight & other charges if any.
8. Minimum Delivery Period.
9. **Payment terms. Net 30 days against delivery & satisfactory installation at Thapar Institute, Patiala**
10. Guarantee / Warranty Information.
11. **Also please share your Companies Turnover and Market Share along with the offer.**

  
Regards,

**Head Commercial**

Technical specs and components of IoT configurable system :			
S. No.	ITEM		
	Each single kit of IoT configurable system will include following components		
1	Arduino Uno (CH340G)		25
2	Raspberry Pi Zero W / <i>Arduino MKR WiFi 100</i>		
3	Long distance wireless 868 Lora Shield v95 for Arduino		
4	45-in-1 Sensor Kit with Box		
5	LoRa32 V2.1 868Mhz ESP32 LoRa		
6	OLED 0.96 inch SD Card Bluetooth WIFI		
7	Proto Shield for Arduino with mini breadboard		
8	Data Logger Shield		
9	AD8232 Heart Rate Monitor Kit		
10	2x DS18B20 Waterproof Temperature Sensor , DHT11		
11	VL53L0X Laser Ranging Sensor TOF		
12	VEML6070 UV Sensor		
13	BME280 Sensor		
14	5V (1 and 2 channel) Relay Modules		
15	Micro SD Storage Board		
16	CAP1188 Touch & Input Sensor		
17	APDS-9960 RGB Gesture Sensor		
18	Misc. USB Cable		
19	Breadboard		
20	Male to Female, and Male to Male jumper cables (20cm) - Pack of 40		
21	TCS34725 Color Sensor		
22	TSL2561 Digital Luminosity / Lux / Light Sensor		
23	Liquid PH Value Detection Sensor with		
24	Electrode Probe		
25	0.96" OLED Display		
26	1.3" TFT Color Display		
27	Soldering Kit (Soldering iron with temperature control, wax, solder, desoldering wick, stand and wool)		
28	IoT platform support for 1 year for at least 25 users compatible with Android/Windows / iOS devices		

Vendor will also provide

- a) Documentation of lab experiments in MS Word file
- b) Online/off-line training on modules

