

ANRF/ANRF I - 1/4530/2026

Kannur, 04.03.2026

QUOTATION NOTICE

Quotation Number	ANRF/ANRF I-1/4530/2026 Dated. 04.03.2026
Last date and time for receipt of quotations	10.03.2026, 3.00 PM
Date and time for opening of quotation	10.03.2026, 3.30 PM

Sealed competitive quotations are invited for the supply of **Electronic Testing Kit** Under ANRF PAIR Project.

The envelope containing the quotation should bear the superscription "**Quotation for Electronic Testing Kit** " and should be addressed to The Registrar, Kannur University, Thavakkara, Civil Station (Post), Kannur-02.

The quotations will be opened in the presence of such of the quotationers or their authorised representatives who may be present at that time. Any quotations received after the time fixed on the due date is liable to be rejected. The detailed specifications for the product are as mentioned below.

Items with Specifications and Quantity:

Electronic Testing Kit		
Sl No	Item	Quantity
1	Digital multimeter	1
2	Bench power supply (Dual output $\pm 12V/\pm 15V$, current limited)	1
3	Digital oscilloscope (minimum 50 MHz, 2-channel)	1
4	Oscilloscope probes (x1/ x10, calibrated)	1
5	Function generator	1
6	Soldering station (temperature-controlled)	1
7	Soldering iron 25 W	2
8	Soldering iron spare tips	2
9	Solder wire (lead)	5
10	Flux paste	2
11	Desoldering pump	1
12	Desoldering wick	1

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13	Soldering iron stand	2
14	PCB holding vice	1
15	Breadboard (400 points)	1
16	Breadboard (800 points)	1
17	Breadboard jumper wires kit (male-male)	1
18	Breadboard jumper wires kit (male-female)	1
19	Breadboard jumper wires kit (female-female)	1
20	Dot-matrix PCB	1
21	Strip-board PCB	1
22	Copper clad board (single side)	1
23	Copper clad board (double side)	1
24	Resistor kit (¼W, 1% tolerance)	1
25	High-value resistors (1MΩ-100MΩ)	1
26	Potentiometers (1KΩ, 10KΩ, 100MΩ)	3 each
27	Trimmer potentiometers	2
28	Ceramic capacitor kit	1
29	Electrolytic capacitor kit	1
30	Film capacitor kit	1
31	Signal diodes (1N4048)	5
32	Rectifier diodes (IN4007)	5
33	Zener diodes (3.3V, 5.1V, 12 V)	5
34	LEDs (red, green, blue, IR, UV)	2 each
35	N transistors (BC547)	3
36	PNP transistors (BC557)	3
37	Power transistors	3
38	MOSFETs (N-channel, P-channel)	2 each
39	Operational amplifier ICs (LM358)	2
40	Precision op-amps (OPA177 / AD8605 or equivalent)	1
41	Comparators ICs	1
42	IR photodiode	1
43	Phototransistors	5
44	LDR sensors	5
45	Instrumentation amplifier IC	1



46	Transimpedance amplifier components (feedback resistor & capacitors)	2 each
47	Microcontroller board (Arduino Uno/ Nano)	1
48	Spare microcontroller board	1
49	ESP32/ Teensy development board	1
50	16-bit ADC Module (ADS 1115 or equivalent)	1
51	DAC Module	1
52	USB-to-Serial converter	1
53	Constant-current LED driver module	1
54	PWM driver module	1
55	Silicon photodiode (UV-Visible)-BPW34	1
56	UV Photodiode GUVA-S12SD	1
57	NIR/ IR Photodiode (700-1100nm)	1
58	Physiological & Optical Modules PPG Sensor Module	1
59	Optical Reflectance Sensor (Integrated)	1
60	Ambient Light Sensor	1
61	Temperature Sensor (Digital/ Analog)	1
62	Skin Contact Thermistor	1
63	Humidity Sensor	1
64	Pressure / Contact Force Sensor	1
65	Motion / Accelerometer	1
66	Raman Scattering Sensor / Probe (Optical Head)	1
67	Photoacoustic Sensor (Ultrasound-based)	1

Warranty & Support: Minimum 1 Year Onsite Manufacturer Warranty

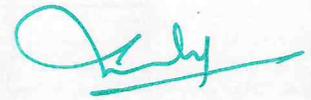
Terms and Conditions

1. Quoted rate should be inclusive of all taxes/freight charge/installation charge, if any.
2. Quoted rate should have a validity of minimum 60 days. No enhancement of the quoted rate will be permitted.
3. Quotationer should have a valid GST wherein his/her business is located and Income Tax/PAN



number.

4. Exemption for the educational institutions should be quoted separately.
5. Maximum period required for the delivery of the items should be mentioned
6. Warranty/ nearest service centre if any and necessary demonstration of the item should be provided.
7. No advance payment will be sanctioned and payment will be made through the account.



Prof. (Dr.) Joby K Jose

Registrar

To,

- (i) Notice Board
- (ii) University Website
- (iii) Department of IT, Mangattuparamba campus

