

COLLEGE OF APPLIED SCIENCE
Kuthuparamba, Kottaym Malabar (po)
Kannur (Dist.), Kerala – 670643
Tel.No.: 0490 2362123
TENDER NOTICE

Tender No.C/117/2013

dated 14.02.2014

Sealed Tenders are invited for the supply of Electronics Equipments

Cost of Tender Forms : Rs. 570 (Including VAT 4%)

Last date of sale of Tender forms : 01.03.2014 4pm

Last date of Receipt of Tender forms : 03.03.2014 11am

Opening of Tender forms : 03.03.2014 3pm

LIST OF EQUIPMENTS FOR ELECTRONICS LAB

Sl No.	Item Specification	QTY
1	Fixed Dual Power Supply * Plus/Minus 15V * 1A	2
2	Variable Power Supply * 0-30V * 1A	2
3	Function Generator * 2 MHz	2
4	Cathode Ray Oscilloscope * 20 MHz Dual channel	2
5	Digital IC Trainer * In built bread board * 7 segment display * 12 toggle switches * 12 LEDs, * Spring Terminated * Inbuilt Clock 1Hz,10Hz,100Hz,1KHz,10KHz	3
6	Ammeter * Moving coil *0-100mA	5
7	Ammeter * Moving coil * 0-500 μ A	5
8	Voltmeter * Moving Coil * 0-25V	5
9	Voltmeter * Moving Coil * 0-2.5V	5
10	Digital Multimeter * 3 1/2 digit * AC,DC Volt * Continuity tester * Resistance,DC current, hfe measurement	5
11	Rheostat * 2.2K Ω /1A	5

12	8085 Microprocessor trainer Kit * 8K RAM , * 25 I/O using 8255 * 8253 , 8279 * VXT bus, * 7 segment LED display	2
13	VHF Receiver with wireless microphone * To interface with AHUJA SSA-250 M amplifier	1
14	CRO probe * One end with connector other end Crocodile clip	10
15	Line Tester * 230V AC	1
16	Servo stabilizer * 1 KVA	1
17	Digital IC Tester * 40 pin support * All TTL Gates ,8085 , 8255, 8279,8253 ,89c51,8251 * μ P , μ C test support	1
18	8086 Trainer Kit * 16x2 LCD display * PS/2 Keyboard * Interface modules such as 8255 ,8253,8251 * 6MHz or above * 64KB RAM, 64KB EPROM, * 48 I/O lines	2
19	ADC module * 8 input 0 - 5V * 8 bit , * Provision to interface with 8086 trainer kit with software support * 26pin FRC	2
20	DAC module * 8 bit , * Provision to interface with 8086 trainer kit with software support * 26pin FRC * Output at 2 test points	2
21	Seven segment & matrix keyboard interface module * 4 digit 7 segment display * 5x4 keys keyboard Provision to interface with 8086 trainer kit with software support * 26pin FRC	2
22	Traffic Light Control module * 4 way model using LED * Provision to interface with 8086 trainer kit with software support * 26pin FRC	2
23	Digital IC Trainer * Inbuilt bread board * Inbuilt clock 1 Hz,10Hz,100Hz,1KHz,10KHz * 12 toggle switch * 12LED * Spring terminator	2
24	89C51 μ C trainer	2

	<ul style="list-style-type: none"> * 16X2 LCD display * PS/2 keyboard * 32KB EPROM,32KB program RAM * 12 MHz, * 32KB data RAM * onchip RS-232c 9 pin terminated * 48 I/O lines using 8255 	
25	16F877A PIC trainer kit <ul style="list-style-type: none"> * PS/2 keyboard * Onboard ISP facility * 6 seven segment display * onboard stepper * ADC,DAC interface 2x26pin FRC * PS/2 keyboard 	5
26	18F4550 PIC Trainer Kit <ul style="list-style-type: none"> * All necessary power supply components pre installed * Direct incircuit program download with the PIC programmer * Onboard speaker * Adjustable analog input * Test LED * USB * RS-232C * Incircuit debugging facility 	5

Terms and Conditions:

- 1) Rate quoted should inclusive of all taxes and charges.
- 2) Minimum 3 years onsite warranty for items offered
- 3) Items must be supplied at CAS, Kuthuparamba by the supplier at the address given above.
- 4) Offer for supply of items is acceptable only from manufacturer or their authorized service providers/dealers. So a certificate issued by the manufacturer should be enclosed in case of dealers/service providers.
- 5) Payment will be cleared only on verification of the items as per tender specification and acceptance.
- 6)EMD one percentage of total quoted amount in the form of DD drawn in favour of the Principal, College of Applied Science, Kuthuparamba should be enclosed with the tender documents.

Sd/-
PRINCIPAL