

SHORT QUOTATION NOTICE

No.A5/413/20/CAS/VC

Department: **College of Applied Science, Vadakkencherry, 678,683, Palakkad,**
(Ph: 04922-255061, 0491-2985061)

Sealed quotations are invited for the supply of Electronics Equipments as per list attached:

The envelopes containing the quotation should bear the superscription "Quotation for the supply of Electronics Equipments" and should be addressed to the **Principal, College of Applied Science, Vadakkencherry PO, Palakkad(Dt), 678 683**. Intending tenderers may submit the quotations on their own papers.

Last date for receipt of quotations is **2.00 PM on 30.12.2020**. Late quotations will not be accepted. The quotations will be opened at **2.30 PM on 30.12.2020** in the presence of such of the tenderers or their authorized representatives who may be present at that time. The maximum period required for delivery of the articles should also be mentioned.

Details of the requirements and the conditions governing their supply can be obtained free on request from the **Principal, College of Applied Science, Vadakkencherry** (H.E. Designation of Purchase Officer) till **30.12.2020**.

Place: Vadakkencherry

Date: 14.12.2020

s/d

PRINCIPAL

List of Electronics Equipments required

Sl. No.	Item Name	Specification	Quantity Required
1.	Universal Programmer	USB programmer supports high-performance multi-purpose mini-chip list: Application software version number Software Version: V5.90, Supported Devices: Microcontrollers of ATMEGA, Microchips PIC ICs, ATMEL etc. , Operating System Support: Windows 2000, XP, 2003,2008, Vista & Win7 (32/64), ICSP interface (6-pin interface of the programmer right side) and ZIF Socket	2
2.	Universal Trainer Kit	Working Voltage : 5V, 1xLCD:16X2, 8x Push Button, 8x3mm LED, 3x7 Segment Display (Common Cathode), 1x Buzzer, 2x Potentiometer, 1x Power Indicator, 1x 12v Power Supply, 1xLDR, 1x ACRYLIC CASE (Optional), Silk Screen PCB(Legend), Short Circuit Protection, Laminated Tracks for High Security, User Friendly Design with Anti-Slippery Boots.	6
3.	Stepper Motor Interface	ULN2003 Stepper Motor Driver Board, small size and easy to use., ULN2003 DARLINGTON ARRAYS to drive the 4-phase 5-wire stepper motor (5v-12v), Arduino or other development platform to drive the stepper motor by this diver board, 4-way signal indicator Chip all the pins have Input leads Mounted for easy connection to use, XH-5P socket can be connected directly 28BYJ-48 Model stepper motor, A. B. C. D LED indicating the four phase stepper motor working condition, White jack is the four phase stepper motor standard jack, Power pins are separated	2

4.	Arm7 stick LPC 2148	<p>Input Voltage: 4.5V- 6.5V, Recommended Voltage input: 5V, Current Draw: 500mA @5V, Dimensions: 64.5x31.5 MM, 16/32-bit ARM7TDMI Microcontroller in a tiny LQFP64 package, 40KB of on-chip static RAM and 512 KB of on-chip flash memory. 128-bit wide interface/accelerator enables high-speed 60 MHz operation, In-System Programming/In-Application Programming (ISP/IAP) via on-chip boot loader software. Single flash sector or full chip erase in 400ms and programming of 256 B in 1 ms, USB 2.0 full-speed compliant device controller with 2 kB of endpoint RAM, Low power Real-Time Clock (RTC) with independent power and 32 kHz clock input</p> <p><u>Package</u></p> <p>1x LPC2148 Stick Board</p> <p>4x Jumper</p> <p>1x Micro USB cable</p>	2
5.	Raspberry Pi4 8GB Jump stant 8 combo Kit (full set)	8GB, including 32GB SD card and full accessories (Case, charger, cables etc),	2
6.	Raspberry Pi3 B+ with full set 16 GB SD card	<p>Raspberry Pi 3 B+</p> <p>full set including 16GB SD card and full accessories (Case, charger, cables etc),</p> <p>Full sensor kit</p>	3
7.	Arduino Uno with cable	Arduino Uno with cable	4
8.	Keyboard	USB type	5
9.	Mouse		5
10.	HDMA Monitor	<p>LCD monitor,</p> <p>HDMI , 10.1" size</p>	2