GOVERNEMNT COLLEGE OF ENGINEERING, KARAD
(An Autonomous Institute of Government of Maharashtra)

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No. CEK/ ENTC/Quotation /2018-2019/3747

DATE – 12/12/2018

To,

Subject – Quotation for Microcontroller lab

Dear Sir,

With reference to above, I have to request you to kindly quote your rates for below mentioned material for **Electronics and Telecommunication_Engineering_Department** "of this Institute so as to reach this office on or before 09/01/2019 till 5.00 pm ,The details are as given below –

Sr. No.	Description	Qty.
1	**Microcontroller lab:-** **Universal – 8051 Board**	**10**

Your quotation should be valid for at least 30 days from the date of opening. The quotation should be sent to **"The Principal, Government College of Engineering, Karad"** in sealed envelope superscripted with word **"Quotation of Microcontroller lab for Electronics and Telecommunication Engineering Department" due on 09/01/2019.**The Institute does not bind itself to accept or reject the quotation. Please note that if there is any over-writing in the quotation, the said term will not be taken into consideration.

Terms and Conditions:
1. Quotation validity for at least 30 days from the date of opening.
2. Delivery period 4 weeks from date of supply order.
3. Payment 100% after delivery and satisfactory acceptance.
4. Warranty 12 months or more.
5. Total amount will be considered for final call for quotation.

The quotation will be opened on **10/01/2019 at 03.00 p.m.** Specifications are as enclosed.

Thanking you.

Principal,
for Govt. College of Engineering, Karad.

Sr. No.	Name and description of the equipment	Specification
1	**Microcontroller lab:- Universal – 8051 Board**	The Board Should Support following Processor: • NXP - P89V51RD2, • Nuvoton - W78E052DDG , • Atmel - AT89S8253 • Atmel - AT89S52 • On board Controller is 8 bit Micro controller (SST89E516RD2-SST) • On chip RAM – 1KB • On chip FLASH – 64KB • The board should have Eight General purpose LED's (Common Anode/Common Cathode) • On board 2x16 Character LCD • On board Four Digit Seven Segment Display • Provision to interface for 128x64 Graphics LCD (Optional) • On board 4x4 Matrix Keypad • On board Eight Digital Input Switches • On bard Five Menu Keys (UP/DOWN/LEFT/RIGHT/ENTER) • On board Two External Interrupt • On Board EEPROM • On board One I/O Expander • On board Parallel ADC • On board Temperature Controller (LM35) • On board One Buzzer • On board One Relay • On board Stepper/DC Motor Interface with driver • 14 Pin GPIO Headers (All port pins on Header) • One USB to Serial COM port (USB/DB9) • One USB Cable • 12V/1.5A Power Supply Adapter • Fitted with Wooden Box • CD (Sample programs and required software) and Manual **<u>Add on Cards: (OPTIONAL) :</u>** 1) DAC Interfacing Card 2) Stepper Motor 3) DC Motor 4) Graphics LCD