



Indian Institute of Information Technology Pune

A/P: Sadumbre, Tal: Maval, District: Pune.

Dr.B.B.Ahuja

Website: www.iiitp.ac.in

email: director@coep.ac.in

Mentor Director

Phone: 020-25507224

Fax: 020-25507299

Ref: IIIT Pune/ECE/Microcontroller/Enquiry/2017/160

Date: 27/09/2017

Call for Quotations

Sealed Quotations are invited from reputed manufacturers/vendors for the supply of Microcontroller Kits.

Last date of submission of the quotation: October 9, 2017 before 3:00 PM.

The quotations will be opened on October 9, 2017 at 5.00 PM.

- The sealed envelope should be super scribed as “Quotation for Microcontroller Kits at ECE Dept., IIIT Pune”
- Submit the quotation to inward section of College of Engineering Pune
- The prices quoted should be are “FOR” Indian Institute of Information Technology Pune, Siddhant College of Engineering Campus, A/P Sadumbre, with the transportation, freight and Insurance charges to be borne by the supplier.

Sr. No.	Kit Description	Quantity	Unit Rate in Rs.	Total in Rs.
1A	8051 Microcontroller Development Board With In system programming Facility: Specifications: <ul style="list-style-type: none">• P89V51RD2 micro controller from Phillips OR SST89E52 RD2• 64KB on-chip flash memory.• 4 KB on-chip SRAM.• 12 MHz operation.• On-Board I2C based EEPROM• On Board I2C based Real Time Clock (RTC).• On-Board 16X2 LCD.• On-Board 8-Bit Single Channel ADC.• On-Board 4X4 Matrix Keypad.• On-Board 7 Segment Display.• On-Board Stepper Motor Driver with Stepper Motor.• On –Board 8 LED's.• On Board Relay with Terminal Connector• Support for Interrupt Generation using switch.• On-Board GPIO Connector for interfacing additional devices.• I2C and SPI Port for interfacing additional SPI based devices.• On board Serial to USB Converter Software & Documentation: <ul style="list-style-type: none">• KEIL IDE (Integrated Development Environment).• Sample code in Assembly and “C” Programs	10		

	<ul style="list-style-type: none"> • Board User Manual and Lab Manual. 			
1B	Add on ADC-DAC interfacing card for 8051 development board	10		
Total Amount (1A+1B)				
Tax Amount (1A+1B)				

02	<p>PIC18FXX Microcontroller Development Board :</p> <p>Specifications:</p> <ul style="list-style-type: none"> • Based on the PIC18F45xx microcontroller running @48 MHz • On board 16x2 Character LCD • On board Two 7 Segment Display • On Board Eight general purpose LED's • On Board 16 key matrix keypad arranged in 4x4 matrix. • On Board SD Card interfaced over SPI • On board Stepper Motor Interface with Driver • On Board DC Motor interface with L293 Driver • On Board I2C interface EEPROM • On Board DS1307 I2C interface RTC • On board UART with on board USB-Serial converter for PC Connectivity • UART with RS232 converter • On board Relay with terminal connector • Tactile Switch for generating external interrupt event. • Reset switch and Power Switch. • Two on chip ADC Channels interfaced to adjustable voltage sources (On Board) • Buzzer connected to GPIO pin. (On Board) • Port Pins brought out on FRC Connectors • On Board Serial to USB Converter • SPI EEPROM Interface <p>Software & Documentation:</p> <ul style="list-style-type: none"> • MPLAB IDE (Integrated Development Environment), • Sample code in Assembly and "C" Programs • Board User Manual, • Lab Manual. 	10		
Total Amount (2)				
Tax Amount (2)				
Grand Total including taxes (1A+1B+2)				

Terms and Conditions:

1. The rates quoted shall be valid for a period of three months from the date of quotation opening.
2. The Goods and Services Tax (GST), packing and forwarding charges, transport charges if any should be mentioned separately.

3. If you fail to supply the kits as mentioned in purchase order within the stipulated time then the next higher bidder would be invited to supply the kits and difference amount will be recovered from your bill.
4. The kits shall be checked at Indian Institute of Information Technology Pune for their working and IIT Pune will not be liable to pay charges for the defective/non-working kits when returned or replaced.
5. The supplier requires to supply the kits strictly as per the mentioned specification and will be responsible to replace and take back the defective kits at his risk and cost.
6. The quotations are to be submitted in favor of Mentor Director, Indian Institute of Information Technology Pune.
7. The hands on training and installation of all the supplied kit should be provided to the electronics and communication department of IIT Pune free of cost.
8. Supplier will ensure that company guarantee for the items shall be extended and replacement will have to be given in case of failure during warranty period.
9. The accepted prices are FD/FOR "IIT Pune" with the transportation, freight and insurance charged to be borne by the agency.

Mentor Director
IIT Pune