

MODEL POLYTECHNIC COLLEGE KARUNAGAPPALLY
Ph: 0476-2623597

TENDER NOTICE

<i>Superscription.</i> -Tender No :- P/537(7)/2014-15 for Purchasing of Microcontroller and Microprocessor kit	
<i>Due date and time for receipt of tender.</i>	22.03.2014 3 PM
<i>Date and time for opening of tender.</i>	24.03.2014 3 PM
<i>Date up to which the rates are to be firm.</i>	6 Months
<i>Price of tender form.</i>	Rs.1500 + 13.5% VAT
<i>Price of duplicate copy-</i>	50% of cost of the original copy
<i>Address of officer from whom tender forms are to be obtained and to whom tenders are to be sent:</i>	The Principal, Model Polytechnic, Karunagappally,Edakkulangara PO,Kerala, PIN-690562

Name of office: Model Polytechnic,
Karunagappally,Edakkulangara PO,
Kerala,PIN-690562

(Name and designation of
purchasing officer)

Station and date: Karunagappally, 24.03.2014

SCHEDULE OF MATERIALS

Sl. No	Specification	Quantity	Unit	Rate	Total	Remarks
1	2	3	4	5	6	7
1	8051 Microcontroller Kit with Power Supply Specification : 8051/89C52 CPU operating @ 11.0592 MHz. 32K user RAM using 62256 with Battery Backup using NICD Battery 16K bytes of powerful monitor EPROM using 27512. One memory socket is provided for expansion up to 64k 48 I/O lines using 2 Nos. of	40	Nos	8000	320000	

	<p>8255 brought at 26 Pins FRC Connector to interface with IC-XX Series. Three Channel Timer/Counter using 8253 brought out at 10 Pins FRC Connector. 20x2 Alphanumeric LCD Display with Backlite. 101 ASCII Keyboard interface using 89C2051 operating @ 12MHz.</p> <p>Two External interrupts INTO & INT1 are available at 40 pin FRC connector.</p> <p>RS-232C using RX/TX of 8051 terminated on 9 Pins D-Type Connector..</p> <p>Onboard Single Line Assembler / Disassembler.</p> <p>All Address, Data, Control & Port lines are available on 40 Pins & 10 Pins FRC Connector.</p> <p>All ICS are mounted on IC Sockets.</p> <p>In-Built Power Supply of +5V/1.5A, ±12V/250mA</p> <p>8bit ADC & DAC interface, Stepper motor Interface, Seven segment display Interface, Temperature measurement Interface</p>						
2	<p>8086 Microprocessor Kit with Power Supply Specification : 8086/8088 CPU at 2.5MHz, 16Kb of RAM with battery backup, 16Kb of monitor EPROM, 3nos 8255, 8253, RS232 using 8251,8259, 28keys hexadecimal keyboard, 8 seven segment display using 8279, facility for downloading/uploading files from PC /to PC, all address, data and control lines are available for user.</p>	15	Nos	7500	112500		
TOTAL						432500/-	

Whether samples essential: Demonstration needed
Period within which goods should be delivered: 1 Week

Rates should be quoted for delivery for Model Polytechnic Collage Karunagappally, Kollam
at Departmental Stores

Other special conditions: