

**MODEL POLYTECHNIC COLLEGE, PAINAVU**

No. A/MPTC/MHRD-PUR/2016-17(4) Re

7<sup>th</sup> March, 2019.

**Re – Tender Notice**

Model Polytechnic College (under IHRD), Painavu

Idikki District Ph: 04862 – 232246,

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Web: [www.ihrd.ac.in](http://www.ihrd.ac.in) , [www.ihrdkerala.org](http://www.ihrdkerala.org)

Separate sealed tenders are invited for the purchase of 8051 Micro Controller Kit .

Sl. No	Name of Lab	Tender No.	Cost of tender form
1	Computer Lab	A/MPTC/MHRD – PUR/2016-(4)	Rs. 960+VAT

Tender details and specifications can be had from the IHRD web site. The last date and time of receiving tenders – 06.04.2019 at 11 am. Date and time of opening tenders 06.04.2019, 2 pm



  
PRINCIPAL

Model Polytechnic College  
Model Polytechnic College  
Painavu, Idikki



**Tender No. A/MPTC/MHRD - PUR/2016-17(4)&dtd . 7.3.2019**

SL. NO	NAME OF ITEMS/SPECIFICATION	UNIT COST	QTY RQD	TOTAL COST
1	<p>8051 Microcontroller Kit                      Specification:- 8051 Microcontroller Kit with Power Supply                      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 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.                      Two External interrupts INT0 &amp; INT1 are available at 40 pin FRC connector.                      RS-232C using RX/TX of 8051 terminated on 9 Pins D-Type Connector..                      Onboard Single Line Assembler / Disassembler.                      Two modes of operation:- ASCII Keyboard Mode.- Serial Mode.                      Facility for Downloading/Uploading files from/to PC.                      All Address, Data, Control &amp; Port lines are available on 40 Pins &amp; 10 Pins FRC Connector. All ICS are mounted on IC Sockets.                      In-Built Power Supply of +5V/1.5A, ±12V/250mA                      8bit ADC &amp; DAC interface, Stepper motor Interface, Seven segment display Interface, Temperature measurement Interface</p>	12000	40	480000
<b>Total</b>				<b>480000</b>



*[Signature]*  
**PRINCIPAL.**

Principal  
 Model Polytechnic College  
 Painavu, Idukki