



IT Web Tender Advt. No. 02/Equip./Elec.-Lab/2016-17
Date: 23.06.2016

Notice Inviting Quotations

Complete sealed quotations are invited for the supply of items/works listed below as per specification mentioned. The quotation should include all kinds of taxes and delivery charges of the items to the Department of Information Technology, IEST, Shibpur. The sealed quotations are to be submitted in the tender box in the office of the Department of Information Technology.

Last date of submission of sealed quotation is 10 days the date of publication and tenders will be opened on the next working day 12 noon.

ITEMS:

Sl. No.	Name	Specification
1	MULTIPURPOSE BREAD BOARD TRAINER	<p>Logic switch : 12 nos. logic input, 12 nos. logic output with LED indicator.</p> <p>DC Supply : 0-30V/2A D.C variable power supply with short circuit & overload & 5V/1A volt (fixed), $\pm 15V/1A$ volt (fixed)</p> <p>AC Supply : 12-0-15-0-12-0-15 fixed AC transformer.</p> <p>Clock pulse generator : 1Hz, 10Hz, 100Hz, 1KHz, 10KHz, 100KHz, 1MHz with TTL & Triggering single pulse output.</p> <p>Function Generator: 200KHz function generator with digital frequency counter.</p> <p>Wave : sine, square, triangle</p> <p>In-built digital meters : Digital voltmeter (20V/200V), Digital voltmeter (2V/200mV), Digital milliammeter (20mA/200mA), micrometer (20μA/200μA)</p> <p>Seven segment display : 2 nos BCD seven segment decoder.</p> <p>Potentiometer : 3 nos Pot</p> <p>Bread board : 2 nos Bread board.</p>
2	8085 MICROPROCESSOR TRAINER KIT	<p>SDA-85ME</p> <p>CPU : 8085 Operating @ 3.072 MHz</p> <p>Memory : 64 KB MAX (32KB EPROM and 32KB RAM) Battery Backup option for RAM .</p> <p>Note : The System is supplied with 16KB EPROM and 8KB RAM</p> <p>I/O Parallel : 48 I/O lines using two 8255</p> <p>I/O Serial : One RS232 compatible interface</p>



		<p>Timer Three 16 bit counter/timer using 8253</p> <p>Keyboard Consisting of 28 numbers of computer grade keys</p> <p>Displays Six numbers of seven segment displays</p> <p>Bus signals All Address, Data and Control signals are terminated in 50 pin berg stick for user expansion.</p> <p>Timer & Interrupt signal All Data and control signals are terminated in 26 pin berg stick.</p> <p>PIC On board 8259 IC.</p> <p>Monitor software 16KB of powerful userfriendly Monitor software with keyboard and serial modes</p> <p>Box Alegant Plastic Box</p> <p>Installation Provide Video CD Serial to USB cable for PC Interfacing Timer IC Test point available On board on board test point of RST5.5, RST6.5, RST7.5</p> <p>Power Supply 5V, 1.5A, +/- 12V, 200mA</p>
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(Dr. Arindam Biswas)
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