



**University of Calcutta**

**Dept. of Applied Physics**

**UCSTA**

**92 APC Road, Kolkata 700009**

**Tender Notice**

**Enq No.: AP/09/ENQ/JNB/17-18 Date: 11/12/2017**

To  
**The All Interested Parties**

Dear M/s.

Please submit sealed quotation within **22/12/2017 (4 PM)** at the Office of the Department of Applied Physics for the following item.

Please enclose the copy of the following papers along with the quotation.

1. Trade License, 2. PAN Card, 3. VAT & Service Tax Registration 4. GST registration wherever necessary

**PLC: Programmable Logic Controller with the following Specifications**

1.	3.5" Display, 8 Pt. 24 VDC Digital Input, sink/source
2.	+ 8 Pt. Relay Output, 500mA per output, 220 VAC/30 VDC
3.	<b>Analog Input Module:</b> 4 Ch. Analog Voltage/Current Input, 12-bit
4.	<b>RS485 Communication Module:</b> 1 Ch. RS422/485 Serial
5.	<b>Ethernet Communication Module:</b> 1 Ch. Ethernet
6.	<b>PLC Compatible software for PC Control</b>
7.	<b>ZTAG cable for program loading</b>
8.	CPU and IO cards should be properly mounted and have required space for operation and maintenance.
9.	Digital input logic test features to be provided like LED and input Switches(At least for 8 inputs)
10.	Analogue input and output logic test features to be provided like Potential divider(At least for 1 input each).
11.	One Analogue input display to be provided
12.	Speed control of Drives should be possible
13.	Cable for different voltage level should be followed as per ISO standard
14.	<b>Supply of PLC Trainer Kit using all above mentioned components in one housing unit made with MS</b>

**Terms and Condition: Short training on software development and functionality check with the Trainer Kit with proper installation**

**Quantity: 01**

For  
Professor Jitendra Nath Bera  
Dept of Applied Physics  
University of Calcutta