



**DEPARTMENT OF APPLIED PHYSICS
UNIVERSITY OF CALCUTTA
92, APC Road, Kolkata- 700009**

Notice for Inviting Tender /Quotation

Ref. No: AP/7/NIT/Web/SP/18 -19 Date: 24/04/2018

Dear Sir, Madam,

All the Authorized Suppliers are invited to submit Quotation/Tender along with the following papers by sealed envelope at the office of the Department of Applied Physics for the under mentioned items /works according to the CU rules and following trams & conditions.

The last date of submission of Quotation/Tender is 04.05.2018.

- 1) Before place the quotation/tender must be mentioned your Ref. No., Date, with SIGNED & SEAL BY appropriate authority. (Party must provide hard copy and also SOFT COPY by CD doc file).
- 2) Our Ref. No. & date and also its items no. must be mentioned in your quotation.
- 3) Price for which you are quoting must be mentioned all applicable taxes and others incidental charges as well as premiums for insurance against all kinds of risks before executing delivery to our Department if applicable.
- 4) Party also must submit coy of their valid TRADE LICENC, GST, REGETRATION, PAN CARD or whatever necessary. The manufacturers also submit valid copy of certificates that is certified by GOI/State/Undertaken Govt. Authority.
Sole/only authorized distributors also submit valid copy of certificates with signed & seal by appropriate authority along with quotation.
- 5) Others any quarries for related enquires/tender, you may also visit CU website www.caluniv.ac.in or mentioned Department.

Items No.	Goods/Items/Works Name	Make & Model	Goods/Items/Works Specification &Description	Quantity /Unit (approx)
01	PC BASED DATA ACQUISITION SYSTEM....		8 Nos. of Analog Inputs and 8 Nos. of Digital Inputs & 8 Nos. of Digital Outputs Multiplexed Scanning Mode. PC INTERFACE : PCI Slot and USB Port Instrumentation port on 6 channels,4-20 mA output, coil energized relay, in built D.C. regulated power supply Digital panel meter : 3 1/2 digit or better SOFTWARE : Menu based software for data acquisition & Storage with Graphical & tabular display is to be provided	01
2	FLOW MEASUREMENT USING ORIFICE, VENTURI, PITOT TUBE (THREE in ONE)...		Orifice assembly Ventury and Pitot sensors U tube manometer display and Rotameter is required A complete system with two tank, pump, flow control valve is to be provided along with suitable pipeline mounted on M.S. structure. Electrical power supply and connections are to be given with the unit	01
3	VIBRATION MEASUREMENT		Measurement facility for displacement, velocity and acceleration are to be provided with suitable sensor	01

	TRAINER....		Vibrating table with facility to vary amplitude and frequency of vibration along with necessary cables & connectivity DISPLAY : 4 digit L C D display to read Acceleration, Velocity & Displacement	
4	VACUUM MEASUREMENT USING McLeod GAUGE....		Macleod Gauge sensor and required mercury is to be supplied with the unit. Vacuum pump for creating the vacuum Range : 10 mm to 4 mm or better All connections (pneumatic) are to be provided with digital vacuum display	01

Thanking you.

Prof. Sumana Chowdhuri
HOD,
Dept. of Applied Physics, CU

Dr. Saurabh Pal
Associate Professor
Dept. of Applied Physics, CU



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Items No.	Goods/Items/Works Name	Make & Model	Goods/Items/Works Specification & Description	Quantity /Unit (approx)
01	COMPUTER (PC)	ANY	Intel core i3 7th G, 2.4 GHz, 8GB Ram, 1TB HDD, DVD writer, 3.0 USB Connectivity & 4 port in , Key board, Logitech Mouse.	02
02	MONITOR	DEEL	23" WIDE LED SCREEN WITH DVI SUPPORT.	02

Thanking you.

Prof. Sumana Chowdhuri
HOD,
Dept. of Applied Physics, CU

Dr. Saurabh Pal
Associate Professor
Dept. of Applied Physics, CU