

FORM OF SHORT QUOTATION NOTICE

No.D2/3437/17/GECTCR

Government Engineering College Thrissur

Sealed quotations are invited for the supply of the following stores for Electronics & Communication engg. department of this institution:

Seperately atached

Approximate cost Rs. 99,500/- (Rupees Ninety Nine Thousand Five Hundred Only)

The envelopes containing the quotation should bear the superscription "Qtn. No.D2/70/17-18 due on 27/07/17" and should be addressed to the Principal, Govt. Engg. College, Thrissur, Kerala. Intending tenderers may submit the quotations on their own papers.

Last date for receipt of quotations is **27/07/2017 2.00pm** Late quotations will not be accepted. The quotations will be opened at **11.00am on 28/07/2017** in the presence of such of the tenderers or their authorized representatives who may be present at that time. The maximum period required for delivery of the articles should also be mentioned.


Details of the requirements and the conditions governing their supply can be obtained free on request from Principal, Govt. Engg. College, Thrissur, Kerala. till **27/07/2017 2.00pm**

Place:Thrissur

Date: 12.07.2017

copy to

- 1.Office
- 2.Notice board
- 3.HOD Electronics & Communication Engineering Department



Dr. J. David

Principal



SL. No.	Item	Specifications	Qty
1	LVDT Trainer kit	<p>Linear Variable Differential Transducer Trainer kit(L.V.D.T.):</p> <p>Technical Specifications: Range: ± 20mm. (Accuracy ± 1mm, ± 1 Digit) Moving action: 6 wires, spring loaded type axial. On board having the following built in parts. (a) ± 12V D.C. at 50mA I.C. regulated Power Supply for Sine wave Oscillator. (b) 4KHz fixed Sine wave Oscillator having variable amplitude 0–10V (P–P). (c) Digital Panel meter $3\frac{1}{2}$ digits range 200mV. (d) Detector circuit with output adjustment potentiometer. Mains ON/OFF switch and fuse. Adequate no. of patch cords stackable 4mm spring loaded plug length $\frac{1}{2}$ metres. Good Quality, reliable terminal/sockets are provided at appropriate places on panel for connections /observation of waveforms. User manual. Warranty one year.</p>	2
2	Temperature control using RTD Trainer kit	<p>Temperature controller using RTD.</p> <p>Technical Specifications of trainer kit: ± 12V DC at 100 mA, IC Regulated Power Supply. Implementation of Wheatstone Bridge in Temperature Control System. Relay 12 V DC, one change over. $3\frac{1}{2}$ digits display panel meter, to display temperature in $^{\circ}$C. RTD sensor with 3 pin connector. One switch for setting temperature on one side and to read actual temperature on other side. Potentiometer to control temperature. AC mains socket to connect load whose temperature is to be controlled. Mains ON/OFF Switch and Fuse 400 mA. * The unit is operative on 230V $\pm 10\%$ at 50Hz AC Mains * Good Quality, reliable terminal/sockets are provided at appropriate places on panel for connections/ observation of waveforms. User Manual and One year warranty.</p>	1
3	Thermistor/Thermo-couple Trainer kit	<p>Thermistor/Thermo-couple Trainer kit;</p> <p>Technical Specifications: Transducers : 4 Nos.:i. N.T.C. Thermistor, ii. Platinum R.T.D.,iii. K Type Thermocouple,iv. IC Temperature Sensor. Heating Element: Wire-wound resistance 47 W, 7 W. Signal Conditioning Circuitry : 1. Instrumentation Amplifier 2. X100 Amplifier 3. DC Amplifier 4. Comparator 5. Electronic Switch. Input Circuits: Rotary & Slide Potentiometers, Output Circuits : 1. Relay 2. Buzzer Interconnections : 4mm. banana sockets Power Supply : 220 V $\pm 10\%$, 50 Hz / 60 Hz, Power Consumption : 2 VA (approx.) Dimensions (mm) : W 340 \times D</p>	2

		240 × H 105, Accessories : Line cord, User Manual, Set of patch cords. Warranty one Year.	
4	Pressure Transducer Trainer kit	Pressure Transducer Trainer kit: Technical Specifications: Pressure Transducer : 0 to 100 psi, Differential input Pressure Gauge : 0 to 150 psi Pressure Vessel : 0 to 100 psi Safety Valve : 0 to 100 psi Valves : Non-returning valve & Manual vale Hoses : 1.5 m Foot Pump : 0 to 150 psi V-I Specification : 0 to 5 VDC input, 4 to 20 mA output, Buzzer Indicator : 5VDC LED Indicator : 5V DC Digital Voltmeter : 0 to 10V, Test points : 18 Nos., PC Interface : USB, Power Supply : 220 V+ 10%, 50 Hz. User Manual, 1 year warranty.	1


 principal
 Govt. Engg. College
 Thrissur
