

DEPARTMENT OF TECHNICAL EDUCATION
GOVERNMENT ENGINEERING COLLEGE, THRISSUR

No.D1/1958 /2016

Dated : 26 /5/17

SHORT TENDER NOTICE

Sealed Tenders are invited for the supply of Equipments/Consumables for
Govt.Engineering college, Thrissur.

Sl. No	Tender No.	Name of lab	Items & Specification	Last date of issue	Last date of receipt	Date of opening	Tender value	App.Cost
1	D1/34/ 17-18	Civil Engineering	Data Acquisition System	29/6/17 12Noon	29/6/17 2 PM	30/6/17 11 AM	1418/- + Postal Charges	4,50,000/-
2	D1/35/ 17-18	Electrical Engineering	NI DAQ PCleAQ PCle6353 Control Board and related accessories	29/6/17 12Noon	29/6/17 2 PM	30/6/17 11 AM	1418/- + Postal Charges	4,69,000/-

Total AS = Rs.9,32,000 /-

Phone No.0487-2334144

Website. www.gectcr.ac.in

Intending tenderers may obtain the requisite tender form from Principal, Govt.Engineering College, Thrissur on cash remittance of cost of Tender form + postal charge. Tender forms are not transferable. Late Tenders will not be accepted. Application for the tender form should be accompanied by cash remittance, as per the price fixed for the tender form.

Cheques, Postages stamps etc will not be accepted towards the cost of the forms nor the forms will be sent by VPP.

Tenders should be accompanied by EMD of 1% of the amount by DD drawn in favour of the Principal, Govt.Engineering College, Thrissur with an agreement in Kerala Stamp Paper worth Rs.200/-. Details can be had from the Govt.Engineering College Office working hours..

Copy to: D1/1968/17


PRINCIPAL

D, / 1958. / 17.

P. No. D, / 34 / 17-18.

Data Acquisition System

Detailed Specification:

Item	Data Acquisition System
No. of inputs	10 - 12 channels
Measurement intervals	1sec - 2sec
Measurement accuracy	$\pm(0.05\% - 0.15\%$ of rdg+3 digits)
Internal memory capacity	400MB
Measurement Accuracy :	
a) Power, Voltage, Current	$\pm 1.0\%$ of Range
b) Frequency	± 1.0 Hz
Alarm Function	Required
USB port	Required

File No. D₁/1966/17
T. No. D₁/35/17-18

S.No.	Item with specification	Quantity
1	TMS320F28335 Based DSP Board and JTAG Spec: DSP TMS320F28335 Development board . 15 ADC inputs, 12 channel PWM outputs, Push button switches, LED indicators, on board incremental encoder, DAC outputs, USB connectivity and XDS100 JTAG. with instructions, data manual and representative sample programs	6 Nos.
2	Xilinx Spartan6 Based FPGA Board and JTAG. Spec: Xilinx Spartan6 FPGA with minimum 80 Input/Output lines, Platform flash, LED indications, power supply, JTAG. with instructions, data manual, and representative sample programs	6 Nos
3	4 Leg, 10 KVA inverter stack for laboratory experimental purpose. All rectifiers filters and power supplies are to be in built. Connections brought out to terminals for easy connection arrangements. Capable of switching up to 25 KHz. Four current sensors in each phase and one voltage sensor . Over current protection and short circuit protection.	3 Nos
4	dspic 30f2010 based inverter control board for three phase induction motor drives with debugger connectivity and with atleast two 10 bit DAC outputs	3 Nos