

**GOVERNMENT ENGINEERING COLLEGE, THRISSUR
NOTICE INVITING e-TENDER**

16.08.2022

D1/5611/22/GECTCR

Tender No. : D1/38/22-23

Superscription : Purchase of Purchase of various Equipments for Project Lab, Electronics lab and Control system Lab of Electrical Engineering Department

Bidding fee : Rs. 1416 /-(1200+18%GST)

EMD required : Rs. 5613/-

Address of the Officer to whom hardcopy is to be sent. : THE PRINCIPAL, GOVERNMENT ENGINEERING COLLEGE, THRISSUR-680009

Item Details

Sl. No	Item With Specification	Qty
1	Synchro Transmitter and Receiver set Transformer of 115V for rotor wire voltage. Two nos of three phase synchronous motor for transmitter and receiver side. scales of 360 deg for angle measurements, one digital voltmeter for taking stator winding voltage measurement. Warranty: One year	1 No
2	Separately excited DC Generator set Separately excited DC Generator with DC motor shunt 5.2KW, DC separately excited generator 3.5KW, coupled horizontally with control panel, starter and accessories Frame 160/20 Warranty: One year	1 No
3	DSO 100 MHz 4 channel,100 Mhz, Up to 1 GS/s sampling rate 20 M record length on all channels, 9-inch WVGA color display 15 horizontal grids show 50% more signal 32 automated measurements, and FFT function for thorough waveform analysis. Warranty: One year	3 Nos
4	Dual Regulated DC Power Supply +/-30V, 3A Regulated Output, Fine & Course adjust. Dual , Fixed 5V. Warranty: One year	5 Nos
5	Function Generator 10 Mhz sine, square ramp pulse waveform generation . AM & FM modulation , Frequency and amplitude display. Amplitude variation from 1mV to 20Vpp. Warranty: One year	2 Nos
6	LCR Meter (100 Khz High precision ,Measures: Ls, Lp, Cs, Cp, Rs, Rp, D, Q, ESR, ER, Z, Ø, DCR • Frequency range: 100 Hz to 100 kHz • Auto Range • Auto Detect • Sorting Function • Open circuit compensation • Short circuit compensation • Basic accuracy of 0.3%. Warranty: One year	1 No
7	Arduino Mega 2560 R3	3 Nos

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