

# College of Engineering Trivandrum, Thiruvananthapuram

## NOTICE INVITING TENDER

P3/5988/19/CET

24.06.2019

<b>Tender No.</b>	<b>: 19/19/P3/CET/EEE</b>
<b>E-Tender ID</b>	<b>: 2019_DTE_282714_1</b>
Superscription	:Purchase of equipments for the smooth functioning of the Circuits and Measurements Lab of Electrical Engineering Department of this institution
Last date and time of receipt of tender on the website (www.etenders.kerala.gov.in)	: 18/07/2019 3 PM
Date and time of opening of tender	: 20/07/2019 11 AM
Date upto which the rates are to be firm	: 20/01/2020
Bidding fee	: Rs.708/- (₹600+18%GST)
EMD required	: Rs.2990/-
Address of the Officer to whom hardcopy is to be send.	THE PRINCIPAL, COLLEGE OF ENGINEERING TRIVANDRUM, THIRUVANANTHAPURAM-695016, GSTIN:32AAAAGC0358L1ZP

### General conditions

- 1.The price quoted should be inclusive of all taxes, freight charges, unloading charges, installation and commissioning charges and should be furnished unambiguously.
- 2.Payment: 100 % after successful supply, installation, commissioning and demonstration.
- 3.Delivery Period: Maximum Delivery period will be 60 days from the date of receipt of supply order.
- 4.Agreement as per NIT 2 in Rs.200/- Kerala Stamp Paper and tender form should be uploaded.
- 5.5% security deposit along with agreement should be furnished within a month/fortnight from the date of receipt of supply order.
- 6.Date of opening of tender: In case the proposed date declared as holiday, the tender will be opened on the next working day.
- 7.After E-Tendering the hard copy of all documents such as agreement, brochure, should be submitted before the opening date.

NB: The Tender procedure will be made as per Rules mentioned in the Revised Store Purchase Manual.

The bidders should participate this tender through E-Tendering System. Tender cost and EMD should be submitted only through online. For more details Contact Ph.0471 2577088, 0471 2577188, 0471 257388, 0471 2515760.

**Sd/-  
PRINCIPAL**



	<p>Regulation :</p> <p>Line : <math>\pm 0.1\% \pm 250\mu\text{A}</math> for <math>\pm 10\%</math> line change.</p> <p>Load : <math>\pm 0.1\% \pm 250\mu\text{A}</math> for change in output voltage from 0 to maximum output voltage.</p> <p>Ripple &amp; Noise : 0.04% rms.</p> <p>Output Polarity : Floating w.r.t ground.</p> <p>Protection : Automatic overload and short circuit protection.</p> <p>Operating Temperature : 0-50°C</p> <p>Line voltage : 230V AC <math>\pm 10\%</math> 50Hz, single phase.</p>	
7.	<p><b>DC regulated power supply</b></p> <p>Dual power supply -15-0-15V, 5A</p> <p>Metering : 3 Digit DPM.</p> <p>Meter Accuracy : <math>\pm 3</math> counts</p> <p><u>Constant Voltage Mode</u></p> <p>Regulation :</p> <p>Line : <math>\pm 0.01\% \pm 2\text{mV}</math> for <math>\pm 10\%</math> CHANGE IN LINE OUTPUT.</p> <p>Load : <math>\pm 0.01\% \pm 2\text{mV}</math> for load change from zero to full load.</p> <p>Ripple &amp; Noise : 1mV rms.</p> <p><u>Constant Current Mode</u></p> <p>Regulation :</p> <p>Line : <math>\pm 0.1\% \pm 250\mu\text{A}</math> for <math>\pm 10\%</math> line change.</p> <p>Load : <math>\pm 0.1\% \pm 250\mu\text{A}</math> for change in output voltage from 0 to maximum output voltage.</p> <p>Ripple &amp; Noise : 0.04% rms.</p> <p>Output Polarity : Floating w.r.t ground.</p> <p>Protection : Automatic overload and short circuit protection.</p> <p>Operating Temperature : 0-50°C</p> <p>Line voltage : 230V AC <math>\pm 10\%</math> 50Hz, single phase.</p>	3 Nos.
8.	<p><b>Analog Portable Electrodynamometer Wattmeter</b></p> <p>Single phase, UPF wattmeter</p> <p>Range : 5/10 A, 125/250/500V</p> <p>Accuracy : <math>\pm 1.0\%</math> of full scale value</p>	5 Nos.
9.	<p><b>Analog Portable Electrodynamometer Wattmeter</b></p> <p>Single phase, LPF wattmeter</p> <p>Range : 5/10 A, 125/250/500V</p> <p>Accuracy : <math>\pm 1.0\%</math> of full scale value</p>	5 Nos.