


Kerala Tenders		eTendering System Government of Kerala	
Tender Details			
Date : 23-Feb-2023 12:28 PM			
 Print			
Basic Details			
Organisation Chain	Directorate of Technical Education  Govt. Engineering College Thrissur		
Tender Reference Number	D1/1531/23/GECTCR		
Tender ID	2023_DTE_560860_1		
Tender Type	Open Tender	Form of contract	Item Wise
Tender Category	Goods	No. of Covers	2
General Technical Evaluation Allowed	No	ItemWise Technical Evaluation Allowed	No
Payment Mode	Online	Is Multi Currency Allowed For BOQ	No
Is Multi Currency Allowed For Fee	No	Allow Two Stage Bidding	No
Payment Instruments		Cover Details, No. Of Covers - 2	
Online Bankers	S.No	Bank Name	
	1	SBI MOPS	
Cover No	Cover	Document Type	Description
1	Fee/PreQual /Technical	.pdf	Scanned copy of Duly Filled and Signed preliminary agreement of Rs. 220/- Kerala stamp paper
		.pdf	Scanned copy of duly signed and filled tender form
		.pdf	EMD Exemption certificate if any
		.pdf	Detailed Product brochure
		.pdf	Detailed specification of the item
		.pdf	Manufacturers authorisation Certificate if any
		.pdf	GST certificate
2	Finance	.xls	Price Bid
Tender Fee Details, [Total Fee in ₹ * - 944]			
Tender Fee in ₹	944		
Fee Payable To	Nil	Fee Payable At	Nil
Tender Fee Exemption Allowed	Yes		
EMD Fee Details			
EMD Amount in ₹	3,935	EMD through BG/ST or EMD Exemption Allowed	Yes
EMD Fee Type	percentage	EMD Percentage	1.0%
EMD Payable To	Nil	EMD Payable At	Nil
<a href="#">Click to view modification history</a>			

<b>Work / Item(s)</b>					
<b>Title</b>	Supply of various Equipments for Electrical Engineering Department				
<b>Work Description</b>	Supply of various Equipments for Electrical Engineering Department				
<b>Pre Qualification Details</b>	Please refer Tender documents.				
<b>Independent External Monitor/Remarks</b>	NA				
<b>Show Tender Value in Public Domain</b>	Yes				
<b>Tender Value in ₹</b>	3,93,530	<b>Product Category</b>	Equipments	<b>Sub category</b>	Electrical and Electronic Equipments
<b>Contract Type</b>	Tender	<b>Bid Validity(Days)</b>	180	<b>Period Of Work(Days)</b>	60
<b>Location</b>	GOVT ENGINEERING COLLEGE THRISSUR	<b>Pincode</b>	680009	<b>Pre Bid Meeting Place</b>	NA
<b>Pre Bid Meeting Address</b>	NA	<b>Pre Bid Meeting Date</b>	NA	<b>Bid Opening Place</b>	GOVT ENGINEERING COLLEGE THRISSUR
<b>Should Allow NDA Tender</b>	No	<b>Allow Preferential Bidder</b>	No		

**Critical Dates**

<b>Publish Date</b>	23-Feb-2023 02:00 PM	<b>Bid Opening Date</b>	16-Mar-2023 02:00 PM
<b>Document Download / Sale Start Date</b>	23-Feb-2023 02:00 PM	<b>Document Download / Sale End Date</b>	14-Mar-2023 11:00 AM
<b>Clarification Start Date</b>	NA	<b>Clarification End Date</b>	NA
<b>Bid Submission Start Date</b>	23-Feb-2023 04:00 PM	<b>Bid Submission End Date</b>	14-Mar-2023 11:00 AM

**Tender Documents**

<b>NIT Document</b>	<b>S.No</b>	<b>Document Name</b>	<b>Description</b>	<b>Document Size (in KB)</b>
	1	Tendernotice_1.pdf	Tender Notice..	113.68

<b>Work Item Documents</b>	<b>S.No</b>	<b>Document Type</b>	<b>Document Name</b>	<b>Description</b>	<b>Document Size (in KB)</b>
	1	Tender Documents	Tenderagreement.pdf	Preliminary Agreement	67.61
	2	Tender Documents	tenderform.pdf	Tender Form	2391.54
	3	Tender Documents	Specification.pdf	Specification	30.76
	4	BOQ	BOQ_826036.xls	Price Bid	295.00

**Bid Openers List**

<b>S.No</b>	<b>Bid Opener Login Id</b>	<b>Bid Opener Name</b>	<b>Certificate Name</b>
1.	kgjestin@gmail.com	JESTIN K G	JESTIN K G
2.	ursdhanya@gmail.com	DHANYA V S	DHANYA V S
3.	leethajoseph@gmail.com	LEETHA JOSEPH	LEETHA JOSEPH

**Tender Properties**

<b>Auto Tendering Process allowed</b>	No	<b>Show Technical bid status</b>	Yes
<b>Show Finance bid status</b>	Yes	<b>Show Bids Details</b>	Yes
BoQ Comparative Chart model	Normal	BoQ Compative chart decimal places	2
BoQ Comparative Chart Rank Type	L	Form Based BoQ	No

**Tender Inviting Authority**

<b>Name</b>	Principal
<b>Address</b>	GOVT ENGINEERING COLLEGE THRISSUR - 680009

**Tender Creator Details**

<b>Created By</b>	JESTIN K G
<b>Designation</b>	SENIOR CLERK
<b>Created Date</b>	23-Feb-2023 11:51 AM

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

D1/1531/23/GECTCR

22.02.2023

**Tender No.** : **D1/94/22-23**

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

**Bidding fee** : Rs. 944 /-(800+18%GST )

**EMD required** : Rs. 3935/-

**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	<b>Wattmeter</b> UPF,30/60V,15-30A	2 Nos
2	<b>Wattmeter</b> UPF,150/300/600V,10/20A	4 Nos
3	<b>Wattmeter</b> UPF,75/150/300V,15/30A	4 Nos
4	<b>Wattmeter</b> LPF,62.5/125/250V,5/10A	4 Nos
5	<b>Dual Regulated DC Power Supply</b> (Detail Specification Attached)	5 Nos
6	<b>Function Generator</b> (Detail Specification Attached)	2 Nos
7	<b>LCR Meter</b> (Detail Specification Attached)	1 No
8	<b>DSO 100MHz</b> (Detail Specification Attached)	3 Nos

**General conditions**

1. The unit price, all other charges such as delivery, transporting, packing, shipping, loading and unloading charges etc, and GST must be shown separately and should be furnished unambiguously.
2. Payment will be made only after the successful supply, installation and testing.
3. F.O.R: Govt. Engineering College, Thrissur.
4. Agreement: Preliminary Agreement in Rs.220/- Kerala Stamp Paper.
5. Date of opening of tender: In case the proposed date declared as holiday, the tender will be opened on the next working day.
6. After E-tendering the hard copy of all documents should be submitted before the date of opening of the tender to the Principal, Government Engineering College, Thrissur.

7. Items to be supplied at Electrical Engineering Department of Govt. Engineering College, Thrissur.
8. The items should have a minimum guarantee period of one year from the date of installation and successful performance.
9. Installation, successful demonstration and training required.
10. Delivery Period: Within Two Months of receipt of supply order.
11. 5% security deposit along with agreement should be furnished within a month/fortnight from the date of receipt of supply order.
12. Only GST Registered firms should participate in the tender.
13. Bidder shall be responsible for installation / demonstration as applicable and for after sales service during the warranty and thereafter.
14. Installation and demonstration to be arranged by the supplier free of cost and the same is to be done within 15 days of the arrival of the equipment at site.

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.0487 2334144.

**Principal**

**Approval Valid**

Digitally Approved By  
Dr Ranjini Bhattathiripad T \*  
Date: 22.02.2023  
Reason: Approved

**GOVERNMENT ENGINEERING COLLEGE, THRISSUR**  
**DETAIL SPECIFICATION**

Sl. No	Item with Specification	Qty
1	<p><b><u>Wattmeter</u></b> UPF,30/60V,15-30A <b><u>Warranty: Minimum One Year Replacement Wrranty</u></b></p>	2 Nos
2	<p><b><u>Wattmeter</u></b> UPF,150/300/600V,10/20A <b><u>Warranty: Minimum One Year Replacement Wrranty</u></b></p>	4 Nos
3	<p><b><u>Wattmeter</u></b> UPF,75/150/300V,15/30A <b><u>Warranty: Minimum One Year Replacement Wrranty</u></b></p>	4 Nos
4	<p><b><u>Wattmeter</u></b> LPF,62.5/125/250V,5/10A <b><u>Warranty: Minimum One Year Replacement Wrranty</u></b></p>	4 Nos
5	<p><b><u>Dual Regulated DC Power Supply</u></b> +/-30V, 0-3A Regulated Output, Fine &amp; Course adjustment. Dual , Fixed 5V supply, LED voltmeter &amp; Ammeter panel display Resolution: voltage (100 mV) and current (100 mA) <b><u>Warranty: Minimum One Year</u></b></p>	5 Nos
6	<p><b><u>Function Generator</u></b> 10 MHz sine, square, ramp, triangular pulse waveform generation . AM &amp; FM modulation , Frequency and amplitude display. Amplitude variation from 1mV to 20Vpp. Frequency range 0.3Hz to 10 MHz sine wave 0.3 Hz-2 MHz others. Square wave/pulse rise and fall time: 50 ns. Output impedance 50 Ohm. <b><u>Warranty : Minimum One Year</u></b></p>	2 Nos
7	<p><b><u>LCR Meter</u></b> Input impedance AC and DC Voltage:10M ohm Measurement parameters: Inductance (L),Capacitance (C),Resistance (R),Quality factor (Q),Series Resistance(Rs),Impedence ,Comparator functions,Analog bar display,4 terminal measurement configuration,Set Hi and Lo limits using absolute values or percentage limits,Auto Zero Mode Basic Accuracy L (rdg-Reading, dgt-Digit): +/- (0.3% rdg+2dgt) Correction Function(Calibration Function ) :Open,Short,Sweep corrections Ranging Mode :Auto,Manual Measurement Range Duty Cycle :10% to 90% Maximum counts of LCR Display :19999 Measurement Range Frequency :2KHz to 15MHz Measurement Range Q: 0.001 to 1999 Measurement Range D : 0.001 to 1999 Measurement Range L : 0.001microH to 99999H Measurement Range C : 0.001pF to 99999microF Test Frequency (in Hertz) :8.2,10.5,26,27,80,82,100,120,270,820,1000,10000,100000 Basic Resolution L : 0.001 microHenry Basic Resolution C : 0.01 picoFarad Basic Resolution R : 100m ohm Display digit Size mm : 17.5mm PC connectivity interface : RS-232 interface,Mini - USB interface <b><u>Warranty : 2 Years</u></b></p>	1 No

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**DSO 100MHz**

Number of Analog Channels 4  
Record Length Per Analog Channel Simultaneously 10M points  
Sampling Rate Per Analog Channel Simultaneously 1 GS/sec  
Bandwidth 100 megaHertz  
Display Type colour TFT  
Minimum Display Size 7 inch  
Vertical Sensitivity 500µV/Div to 10 V/div  
Vertical Resolution 8 bit  
Frequency Analysis Feature yes  
In-built Frequency Counter yes  
Time Base Range 2 ns/div to 50 s/div  
Time Base Accuracy 10 parts per million  
Minimum Detectable Pulse Width 5 nanosecond  
Memory Upgradability yes  
Segmented Memory Feature Availability yes  
Waveform Update Rate (Waveform/sec) 50000  
Coupling AC,DC,GND  
Trigger Types Edge,pulse width,video,External,runt,setup/hold,pattern  
Measurements Math function-Add, subtract, multiply, divide,Automatic  
Measurements of Amplitude and time,FFT (phase),low-pass filter,Frequency Domain function,Time & Voltage cursors,FFT (magnitude)  
Acquisition Modes Normal,Peak Detect,Averaging,Roll Mode,Sample,Envelope  
I/O Interface USB,LAN Port/GPIB,Software for waveform analysis  
Power Source 230 V AC  
Any other features,if applicable UltraVision Tech  
**Warranty: 3 years**

3 Nos

PRINCIPAL