GOVERNMENT ENGINEERING COLLEGE, THRISSUR NOTICE INVITING e-TENDER

:

D1/5611/22/GECTCR

16.08.2022

1	Te	n	d	er	N	0.
			~	01		~ .

D1/38/22-23

Superscription

Bidding fee

: Purchase of Purchase of various Equipments for Project Lab, Electronics lab and Control system Lab of Electrical Engineering Department Rs. 1416 /-(1200+18%GST)

Rs. 5613/-

EMD required Address of the Officer to whom hardcopy is to be sent.

THE PRINCIPAL, GOVERNMENT ENGINEERING COLLEGE, THRISSUR-680009

Item Details

SI

Synchro Transmitter and Receiver set Transformer of 115V for rotor wire voltage 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 Two nos of three and receiver side. Separately excited DC Generator set INO 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 1 No Warranty: One year DSO 100 MHz 4 channel,100 Mhz, Up to 1 GS/s sampling rate 3 Nos 20 M record length on all channels, 9-inch W/VGA color display 15 horizontal grids show 50% more signal 3 Nos 3 Nos 32 automated measurements, and FFT function for thorough waveform analysis. Warranty: One year 5 Nos 5 Nos 5 Multiplication 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	I. No	Item With Specification	Qty
Separately excited DC Generator with DC motor shuft 5.2kW, DC separately excited generator 3.5kW, coupled horizontally with control panel, starter and accessories Frame 160/20 1 No Warranty: One year DSO 100 MHz 4 channel,100 Mhz, Up to 1 GS/s sampling rate 3 Nos 20 M record length on all channels, 9-inch WVGA color display 3 Nos 32 automated measurements, and FFT function for thorough waveform analysis. Warranty: One year 5 Nos 4 +/-30V, 3A Regulated Output, Fine & Course adjest. Dual, Fixed 5V. Warranty: One year 5 Nos 5 Homodulation , Frequency and amplitude display. Amplitude variation from 1mV to 20Vpp. Warranty: One year 2 Nos 6 KIA 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 1 No 6 KHz • Auto Range • Auto Detect • Sorting Function • Open circuit compensation • Short circuit compensation • Basic accuracy of 0.3%. Warranty: One year 3 Nos		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.	1No
4 channel,100 Mhz, Up to 1 GS/s sampling fate 3 Nos 20 M record length on all channels, 9-inch W/VGA color display 3 Nos 15 horizontal grids show 50% more signal 32 automated measurements, and FFT function for thorough 32 automated measurements, and FFT function for thorough 3 Nos waveform analysis. Warranty: One year 5 Nos Dual Regulated DC Power Supply 4 +/-30V. 3A Regulated Output, Fine & Course adjest. 5 Nos Dual , Fixed 5V. Warranty: One year 2 Nos 5 Nos 5 Modulation , Frequency and amplitude display. Amplitude variation from 1mV to 20Vpp. Warranty: One year 2 Nos 6 Mc 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		Separately excited DC Generator with DC motor shuft 5.2KW, DC separately excited generator 3.5KW, coupled horizontally with control panel, starter and accessories Frame 160/20	1 No
Dual Regulated DC Power Supply 5 Nos +/-30V, 3A Regulated Output, Fine & Course adjest. 5 Nos Dual, Fixed 5V. Warranty: One year 5 Nos 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 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	B	4 channel,100 Mhz, Up to 1 GS/s sampling fate 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	3 Nos
10 Mhz sine, square ramp pulse waveform generation . Alvi & FM modulation , Frequency and amplitude display. Amplitude variation from 1mV to 20Vpp. Warranty: One year 2 Nos 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	4	Dual Regulated DC Power Supply +/-30V, 3A Regulated Output, Fine & Course adjest.	5 Nos
 (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 	5	10 Mhz sine, square ramp pulse waveform generation . All & EM modulation . Frequency and amplitude display. Amplitude	2 Nos
I NO	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	
	7		3 No

General conditions

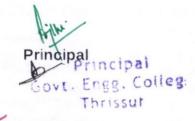
1. The unit price, all other charges such as delivery, transporting, packing, shipping,

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 Production 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.





ender Fee		Yes			-		Fee Type		2 million and a mi	ercentage	1.0%
xemption llowed				2		EMD	Payable To	Nil	EMD P	ayable At	Nil
in the second								Cli	ck to view	w modificatio	n history
Vork /Iten	<u>1(s)</u>										
itle		Supply of Equ	ipments	for Electrical I	Engir	neerin	g				
Vork Descrip	tion	Supply of Equ	ipments	for Electrical	Engir	neerir	g				
Pre Qualificat Details	ocuments.										
Independent External Monitor/Rem		NA		trett ete							
Show Tender n Public Don		Yes		Allawego							
Tender Value	in₹	5,61,250	Product Cate		egor	Y	Equipments	Sub category	basad	Electronics Equipments	
Contract Typ	е	Tender	21	Bid Validity(D		s)	180	Period Of Work(Days)		60	
Location		GOVT ENGINEERIN COLLEGE TH					680009	Pre Bid Meet Place	ing	NA	
Pre Bid Meeting NA Address				Pre Bid Mee Date		ing NA		Sid opening the		GOVT ENGINEERING COLLEGE THRISSUR	
Should Allow Tender	NDA	No		Allow Prefer Bidder	enti	ial	No				
<u>Critical Da</u> Publish Date		ad / Sale Start	Saul management and	9-2022 05:00 P	-		Opening Dat	te nload / Sale E		-Sep-2022 02 -Sep-2022 11	
Document D Date	ownio	ad / Sale Start	10-Aug	J-2022 05.00 T		Date	8	Managana and a state of the sta	NA		
Clarification	Start	Date	NA				Clarification End Date Bid Submission End Date			-Sep-2022 11	.00 AM
Bid Submiss			16-Aug	g-2022 05:00 F	141	DIG :	Submission		12		
Tender Do	cume	ents									
	-	Document Nar	ne		De	scrip	tion			Docun Size (i	
NIT	S.No	Document Nar		,							n KB)
NIT	S.No					scrip der N					n KB)
NIT Document Work Item	S.No	Document Nar	odf	Docume	Ten	der N		Description			n KB) 42.76 nent
NIT Document Work Item	S.No	Document Nar Tendernotice_1. Document Typ	odf	BOQ_7214	Ten nt N	der N ame		BOQ		Size (i Docum	n KB) 42.76 nent n KB) 294.00
NIT Document Work Item	S.No 1 S.No 1 2	Document Nar Tendernotice_1. Document Typ BOQ Tender Documen	pdf e nts	BOQ_7214 tenderforr	Ten nt Ni 114.x n.pdf	der N ame kls f	iot ce	BOQ Tender Form	reament	Size (i Docun Size (i	n KB) 42.76 nent n KB) 294.00 2391.54
NIT Document Work Item	S.No 1 S.No 1 2	Document Nar Tendernotice_1. Document Typ BOQ	pdf ne nts nts	BOQ_7214	Ten Ten Nat Na A14.x n.pdf reem	der N ame kls f ent.p	iot ce	BOQ	greement	Size (i Docun Size (i	n KB) 42.76 nent n KB) 294.00 2391.54 67.6
NIT Document Work Item Documents	S.No 1 S.No 1 2 3 4	Document Nar Tendernotice_1. Document Typ BOQ Tender Documen Tender Documen Tender Docume	pdf ne nts nts	BOQ_7214 tenderforr Tenderagi	Ten Ten Nat Na A14.x n.pdf reem	der N ame kls f ent.p	iot ce	BOQ Tender Form Preliminary Ag	greement	Size (i Docun Size (i	n KB) 42.76 nent n KB) 294.00 2391.54 67.6
NIT Document Work Item Documents	S.No 1 S.No 1 2 3 4	Document Nar Tendernotice_1. Document Typ BOQ Tender Documen Tender Documen Tender Docume	pdf ne nts nts	BOQ_7214 tenderforr Tenderagi Specificati	Ten nt Na 414.x n.pdf reem on.p	der N ame kls f leent.p df	df	BOQ Tender Form Preliminary Ag		Size (i Docun Size (i	n KB) 42.76 nent n KB) 294.00 2391.54 67.6 87.5
NIT Document Work Item Documents	S.No 1 S.No 1 2 3 4 4 Bid O	Document Nar Tendernotice_1. Document Typ BOQ Tender Documen Tender Documen Tender Documen	odf ne nts nts nts	BOQ_7214 tenderforr Tenderagr Specificati	Ten nt N 114.x n.pdl eem on.p	der N ame kls f ient.p df	ot ce	BOQ Tender Form Preliminary Ag	Cert	Size (i Docun Size (i	n KB) 42.76 nent n KB) 294.00 2391.54 67.6 87.5
NIT Document Work Item Documents	S.No 1 S.No 1 2 3 4 ers Lis Bid O hemay	Document Nar Tendernotice_1. Document Typ BOQ Tender Documer Tender Documer Tender Docume	odf ne nts nts nts	BOQ_7214 tenderforr Tenderagi Specificati	Ten nt N 414.x n.pdl eem on.p	der N ame kls f ient.p df	df er Name	BOQ Tender Form Preliminary Ag	Cert	Size (i Docun Size (i ificate Nam a K A HARATH GEC	n KB) 42.76 nent n KB) 294.00 2391.54 67.6 87.5

al de la compañía de Reconstructura de la compañía de la c

<u>/44</u>				eTendering	g Syste	m Governmen	t of Kerala	
TAXY	n		erala	Т	ender De	etails		
5 100	Lint-	Ter	nders				Date : 16-	Aug-2022 03:46 PM
The set								Print
			an out of the state state of the					
Basic De	<u>tails</u>					College	Threeour	
Organisati	on Cha	in	Directorate	of Technical Educat	ion Govt.	Engineering College	Innssu	
^r ender Re Number	ference	3	D1/5611/22	2/GECTCR				
ender ID			2022_DTE_	503648_1			Itare Mico	
Fender Ty	pe		Open Tend	er		of contract	Item Wise	
Tender Ca	tegory		Goods			Covers	L	
General Technical Evaluation Allowed			No		ItemWise Technical Evaluation Allowed		No	
Payment Mode			Online		Is Multi Currency Allowed For BOQ		ed _{No}	
Is Multi Currency Allowed For Fee			No		Allow Two Stage Biddin			
Paymer	+ Inct	rum	ents		Cover	Details, No. Of	Covers - 2	
Online	S.No		k Name		Cover		Document Type	Description
Bankers	1		MOPS		No	Cover	Document Type	
				1	Fee/PreQual /Technical	.pdf	Scanned cop of Duly Filled and Signed preliminary agreement o Rs. 220/- Kerala stamp paper	
							.pdf	Scanned cop of duly signe and filled tender form
							.pdf	EMD Exemption certificate if any
							.pdf	Detailed Product

Tender Fee De	tails, [To	tal Fee in ₹ * - 1,	EMD Fee Details				
Tender Fee in ₹	1,416			EMD Amount in ₹	5,613	EMD through	Yes
Fee Payable To	Nil	Fee Payable At	Nil			BG/ST or EMD Exemption	
	and the second se					Allowed	

2

Finance

16-08-2022 15:46

Detailed specification

of the item Manufacturers authorisation

Certificate if any GST

certificate PRICE BID

.pdf

.pdf

.pdf

.xls