


Kerala Tenders		eTendering System Government of Kerala	
Tender Details		Date : 25-Jul-2023 03:26 PM	
 Print			
<b>Basic Details</b>			
Organisation Chain	Directorate of Technical Education  Govt. Engineering College Thrissur		
Tender Reference Number	D2/11996/22/GECTCR		
Tender ID	2023_DTE_590121_1	Withdrawal Allowed	Yes
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
<b>Payment Instruments</b>		<b>Cover Details, No. Of Covers - 2</b>	
Online Bankers	S.No	Bank Name	
	1	SBI MOPS	
	Cover No	Cover	Document Type
	1	Fee/PreQual /Technical	.pdf
			.pdf
			.pdf
			.pdf
			.pdf
			.pdf
			.pdf
	2	Finance	.xls
			Description
			Scanned copy of Duly Filled and Signed preliminary agreement of Rs. 220/- Kerala stamp paper
			Scanned copy of duly signed and filled tender form
			EMD Exemption certificate if any
			Detailed Product brochure
			Detailed specification of the item
			Manufacturers authorisation Certificate if any
			GST certificate
			Price Bid
<b>Tender Fee Details. [Total Fee in ₹ * - 1,770]</b>		<b>EMD Fee Details</b>	
Tender Fee in ₹	1,770	EMD Amount in ₹	7,250
Fee Payable To	Nil	EMD through BG/ST or EMD Exemption Allowed	Yes
Fee Payable At	Nil		

<b>Tender Fee Exemption Allowed</b>	Yes	<b>EMD Fee Type</b>	percentage	<b>EMD Percentage</b>	1.0%
		<b>EMD Payable To</b>	Nil	<b>EMD Payable At</b>	Nil

[Click to view modification history](#)

<b>Work / Item(s)</b>					
<b>Title</b>	Supply Of UPS				
<b>Work Description</b>	Supply Of UPS				
<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>	7,25,000	<b>Product Category</b>	Equipments	<b>Sub category</b>	UPS
<b>Contract Type</b>	Tender	<b>Bid Validity(Days)</b>	180	<b>Period Of Work(Days)</b>	60
<b>Location</b>	Government Engineering College, Ramavarmapuram,TCR	<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>	Government Engineering College, Ramavarmapuram,TCR
<b>Should Allow NDA Tender</b>	No	<b>Allow Preferential Bidder</b>	No		

<b>Critical Dates</b>			
<b>Publish Date</b>	25-Jul-2023 05:00 PM	<b>Bid Opening Date</b>	04-Sep-2023 11:00 AM
<b>Document Download / Sale Start Date</b>	25-Jul-2023 06:00 PM	<b>Document Download / Sale End Date</b>	01-Sep-2023 11:00 AM
<b>Clarification Start Date</b>	NA	<b>Clarification End Date</b>	NA
<b>Bid Submission Start Date</b>	25-Jul-2023 06:00 PM	<b>Bid Submission End Date</b>	01-Sep-2023 11:00 AM

<b>Tender Documents</b>				
<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	45.83
<b>Work Item Documents</b>	<b>S.No</b>	<b>Document Type</b>	<b>Document Name</b>	<b>Description</b>
	1	Tender Documents	Tenderagreement.pdf	Tenderagreement
	2	Tender Documents	tenderform.pdf	Tenderform
	3	Tender Documents	Specification.pdf	Specification
	4	BOQ	BOQ_873119.xls	Price Bid

<b>Bid Openers List</b>			
<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>	No
BoQ Comparative Chart model	Normal	BoQ Compative chart decimal places	2
BoQ Comparative Chart Rank Type	L	Form Based BoQ	No
Show Bid Details in Public Domain stage	Technical Bid Opening		

**Tender Inviting Authority**

<b>Name</b>	Principal
<b>Address</b>	Government Engineering College, Ramavarnapuram,TCR

**Tender Creator Details**

<b>Created By</b>	JESTIN K G
<b>Designation</b>	SENIOR CLERK
<b>Created Date</b>	25-Jul-2023 02:50 PM

**GOVERNMENT ENGINEERING COLLEGE, THRISSUR**  
NOTICE INVITING E TENDER

D2/11996/22/GECTCR  
12.07.2023  
E Tender No. : D2/21/23-24

**Superscription** : Purchase of UPS to Civil and Chemical Engg.  
**Department**  
**Bidding fee** : Rs. 1770/-(1500 +18%GST )  
**EMD required** : Rs. 7250/-  
**Address of the Officer to whom hardcopy:** THE PRINCIPAL, GOVERNMENT  
is to be sent.

**ITEM SPECIFICATION**

Sl.no	Description of Items	Quantity
1	<p style="text-align: center;"><b>TECHNICAL SPECIFICATIONS FOR</b> <b>7.5 KVA HIGH FREQUENCY SWITCHING DOUBLE CONVERSION TRUE ONLINE UPS SYSTEM ( 3 PH-1 PH) + 65 AH SMF VRLA Batteries -20</b></p> <p style="text-align: center;"><b>TIOS</b></p> <p>Capacity : 7.5 KVA Technology : High frequency switching double conversion Inverter Technology : PWM technology with IGBTs with built in galvanic isolation Noise Level : Less than 50 dB Operating Temperature : 0-45 degree centigrade Humidity : 0 - 95% non-condensing Total DC bus voltage : 240 VDC Battery recharge time (After Complete discharge) to 100% charge : 8 Hours Crest Factor : Minimum 3:1 at full load Out put Wave Form : Pure Sine wave Cold Start feature : Required</p> <p><b>INPUT</b> Input : Three phase 4 wire Input Voltage Range : 415VAC+ Neutral +earth Input Frequency Range : 46-54Hz Line low/High Cutoff : 330 VAC to 478 VAC</p> <p><b>OUTPUT</b> Output Voltage : 220/230 VAC programmable 1 phase+N Output Frequency : 50hz +/- 0.5%(Free running) Harmonic Distortion : ≤2% (linear load) ≤5% (non-linear load)</p> <p><b>EFFICIENCY</b> AC to AC : 93% DC to AC : 94%</p> <p><b>LOAD POWERFACTOR</b> : 0.8 lag</p> <p><b>OVERLOAD CAPACITY</b> : 125 % for 10 mts</p> <p><b>UPS SHUT DOWN</b> UPS shut down with alarm and indication in case of Battery Low Inverter over load</p> <p><b>ISOLATION</b> Isolation Transformer : At input Galvanic Isolation : Required</p> <p><b>PROTECTION</b> Short Circuit Protection : MCB / MCCB Trips and UPS shut down with out blowing any fuses Input over and under voltage : UPS safe in the case of high Voltage/High Current/ high spike/ high surges at input to the UPS Output over &amp; under voltage : The load connected to the UPS should be protected under any circumstance</p> <p><b>INDICATORS</b> Inverter over voltage Inverter under voltage Battery Low Battery Over charge Inverter overload/Current Over temperature</p> <p><b>LCD DISPLAY</b> Input/Output voltage Out put frequency</p>	1

	max current
	Battery voltage
DEGREE OF PROTECTION	IP 20
BATTERY	65 Ah SMF VRLA -20 NOS( Make: EXIDE/AMARAJA/AMRON/APC)
WARRANTY	
UPS	1 YEAR
BATTERY	1 YEAR
QUALITY STANDARDS	
UPS	BIS CERTIFIED
	ISO 9001:2015,ISO 14001:2015,ISO 45001:2018

5 kVA online UPS including 10 numbers of tubular battery (12V, 150 Ah )

Technical Specification for 5KVA online UPS including 10 numbers of tubular battery (12V, 150 Ah )

5 kVA Online ups

Technology IGBT-PWM with inbuilt isolation transformer at Input and output

Input Power: Three phase 300V - 450V sinewave,50Hz

Output power: Single phase 230V +/-1% sinewave 50 Hz

Warranty for UPS (Years) 3

Minimum thickness of M.S.Sheet Enclosure duly painted (mm) 1.2

Maximum overshoot and Under shoot of output rated voltage

Voltage Regulation from no load to full load (%) +/-1%

20% Overload limit for minimum 10 minutes : Yes

Overall Efficiency (%) >=92%

Total Harmonic Distortion(THD) (%) Maximum 3%

50% Overload limit for minimum 1 minutes No, only for 3 seconds

Protection

Protection for under voltage at battery terminal at 10.5V per 12 V battery

Protection of Over voltage, Short Circuit & over load at UPS output terminal

Digital Metering in UPS for AC Input Voltage, Output AC Voltage, Current

Frequency, Battery Voltage and Current

Indicators for mains presence, Battery charging and discharging

Output Over Load, Low Battery Voltage

BATTERY--Tubular Battery-10 numbers

Specifications:

Plate: C20

Volt: 12V

Capacity: 150Ah

Electrolyte Float level indicator

Tower type design

Common side venting

Longer life

Thicker plates, Low maintenance

Warranty 5 Years

UPS

BIS CERTIFIED/ISO9001:2015/ISO14001:2015,ISO45001:2018

Conditions

1. All the items specified above has to be **quoted together** and only those eligible quotations with will be accepted
2. The companies have to produce **letter from the manufacturer** to show the authenticity of the product and they have the authority to sell the product at this part of India
3. Details specifications of the machines should be attached to check **the product quoted is meeting all the requirements**
4. The companies may call for demonstration, **if required** to check the accuracy of the product.
5. The model number of the product with Brand and Make name should be mentioned in the quote.

PRINCIPAL

General conditions