

Kerala Tenders		eTendering System Government of Kerala	
Tender Details		Date : 25-Jul-2023 03:26 PM	
Print			
Basic Details			
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
Payment Instruments		Cover Details, No. Of Covers - 2	
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
Tender Fee Details, [Total Fee in ₹ * - 1,770]		EMD Fee Details	
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		

Tender Fee Exemption Allowed	Yes	EMD Fee Type	percentage	EMD Percentage	1.0%
		EMD Payable To	Nil	EMD Payable At	Nil

[Click to view modification history](#)

Work / Item(s)					
Title	Supply Of UPS				
Work Description	Supply Of UPS				
Pre Qualification Details	Please refer Tender documents.				
Independent External Monitor/Remarks	NA				
Show Tender Value in Public Domain	Yes				
Tender Value in ₹	7,25,000	Product Category	Equipments	Sub category	UPS
Contract Type	Tender	Bid Validity(Days)	180	Period Of Work(Days)	60
Location	Government Engineering College, Ramavarmapuram,TCR	Pincode	680009	Pre Bid Meeting Place	NA
Pre Bid Meeting Address	NA	Pre Bid Meeting Date	NA	Bid Opening Place	Government Engineering College, Ramavarmapuram,TCR
Should Allow NDA Tender	No	Allow Preferential Bidder	No		

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

Tender Documents

NIT Document	S.No	Document Name	Description	Document Size (in KB)
	1	Tendernotice_1.pdf	Tender notice	45.83

Work Item Documents	S.No	Document Type	Document Name	Description	Document Size (in KB)
	1	Tender Documents	Tenderagreement.pdf	Tenderagreement	67.61
	2	Tender Documents	tenderform.pdf	Tenderform	2391.54
	3	Tender Documents	Specification.pdf	Specification	76.44
	4	BOQ	BOQ_873119.xls	Price Bid	287.00

Bid Openers List

S.No	Bid Opener Login Id	Bid Opener Name	Certificate Name
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

Auto Tendering Process allowed	No	Show Technical bid status	Yes
Show Finance bid status	Yes	Show Bids Details	No
BoQ Comparative Chart model	Normal	BoQ Comparative 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

Name	Principal
Address	Government Engineering College, Ramavarmapuram,TCR

Tender Creator Details

Created By	JESTIN K G
Designation	SENIOR CLERK
Created Date	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
	TECHNICAL SPECIFICATIONS FOR 7.5 KVA HIGH FREQUENCY SWITCHING DOUBLE CONVERSION TRUE ONLINE UPS SYSTEM (3 PH-1 PH) + 65 AH SMF VRLA Batteries -20	
	NOS	
	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) 8 Hours	
	to 100% charge	
	Crest Factor Minimum 3:1 at full load	
	Out put Wave Form Pure Sine wave	
	Cold Start feature Required	
	INPUT	
	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	
	OUTPUT	
	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)	
	EFFICIENCY	
	AC to AC 93%	
	DC to AC 94%	
	LOAD POWERFACTOR 0.8 lag	
	OVERLOAD CAPACITY 125 % for 10 mts	
1	UPS SHUT DOWN UPS shut down with alarm and indication in case of Battery Low Inverter over load	1
	ISOLATION Isolation Transformer At input Galvanic Isolation Required	
	PROTECTION 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 & under voltage The load connected to the UPS should be protected under any circumstance	
	INDICATORS Inverter over voltage Inverter under voltage Battery Low Battery Over charge Inverter overload/Current Over temperature	
	LCD DISPLAY Input/Output voltage Out put frequency	

		<p>000 current</p> <p>Battery voltage</p> <p>40/20</p> <p>05 AH SMF VRLA -20 NOS(Make: EXIDE/AMARRAJA/AMRON/APC)</p> <p>1-YEAR</p> <p>1-YEAR</p> <p>BIS CERTIFIED</p> <p>ISO 9001:2015,ISO 14001:2015,ISO 45001:2018</p>	
2		<p>5 kVA online UPS including 10 numbers of tubular battery (12V 150 Ah)</p> <p>Technical Specification for 5KVA online UPS including 10 numbers of tubular battery (12V, 150 Ah)</p> <p>5 kVA Online ups</p> <p>Technology IGBT-PWM with inbuilt isolation transformer at input and output</p> <p>Input Power: Three phase 300V - 450V sinewave,50Hz</p> <p>Output power: Single phase 230V +/-1% sinewave 50 Hz</p> <p>Warranty for UPS (Years) 3</p> <p>Minimum thickness of M.S.Sheet Enclosure duly painted (mm) 1.2</p> <p>Maximum overshoot and Under shoot of output rated voltage</p> <p>Voltage Regulation from no load to full load (%) +/-1%</p> <p>20% Overload limit for minimum 10 minutes : Yes</p> <p>Overall Efficiency (%) >=92%</p> <p>Total Harmonic Distortion(THD) (%) Maximum 3%</p> <p>50% Overload limit for minimum 1 minutes No, only for 3 seconds</p> <p>Protection</p> <p>Protection for under voltage at battery terminal at 10.5V per 12 V battery</p> <p>Protection of Over voltage, Short Circuit & over load at UPS output terminal</p> <p>Digital Metering in UPS for AC Input Voltage, Output AC Voltage, Current</p> <p>Frequency, Battery Voltage and Current</p> <p>Indicators for mains presence, Battery charging and discharging</p> <p>Output Over Load, Low Battery Voltage</p> <p>BATTERY--Tubular Battery-10 numbers</p> <p>Specifications:</p> <p>Plate: C20</p> <p>Volt: 12V</p> <p>Capacity: 150Ah</p> <p>Electrolyte Float level indicator</p> <p>Tower type design</p> <p>Common side venting</p> <p>Longer life</p> <p>Thicker plates, Low maintenance</p> <p>Warranty 5 Years</p> <p>UPS</p> <p>BIS CERTIFIED/ISO9001:2015/ISO14001:2015,ISO45001:2018</p>	2

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

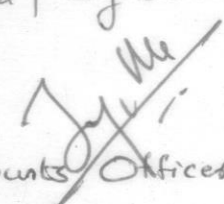
1. The unit price, all other charges such as delivery, transporting, packing, shipping, loading and unloading charges etc, and GST must be shown separately and should be furnished unambiguously.
2. Payment will be made only after the successful supply, installation and testing.
3. F.O.R: Govt. Engineering 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 Civil Engineering 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: Immediately after the date of receipt of supply order within two months
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.

sdl-
Principal

Approval Valid

Digitally Approved By
Dr. Satish K P
Date: 12.07.2023
Reason: Approved

Forwarded / By and to

Accounts Officer
