

INVITATION FOR QUOTATION

TEQIP-III/2018/pmec/Shopping/14

07-Sep-2018

To,

Sub: Invitation for Quotations for supply of Goods

Dear Sir,

1. You are invited to submit your most competitive quotation for the following goods with item wise detailed specifications given at Annexure I,

Sr. No	Brief Description	Quantity	Delivery Period(In days)	Place of Delivery	Installation Requirement (if any)
1	Online UPS for Computer Lab with 70 PC	2	15	Berhampur	yes as per advertisement contact office for further information
2	Online UPS for personal Computers	120	15	Berhampur	NA
3	Online UPS for Smart Classroom	12	15	Berhampur	Yes

2. Government of India has received a credit from the International Development Association (IDA) towards the cost of the **Technical Education Quality Improvement**

Programme[TEQIP]-Phase III Project and intends to apply part of the proceeds of this credit to eligible payments under the contract for which this invitation for quotations is issued.

3. Quotation,

3.1 The contract shall be for the full quantity as described above.

3.2 Corrections, if any, shall be made by crossing out, initialing, dating and re writing.

3.3 All duties and other levies payable by the supplier under the contract shall be included in the unit price.

3.4 Applicable taxes shall be quoted separately for all items.

3.5 The prices quoted by the bidder shall be fixed for the duration of the contract and shall not be subject to adjustment on any account.

3.6 The Prices should be quoted in Indian Rupees only.

3.7 The Tender Cost of Rs. 3000/- for the package is to be submitted along with the completed bid in the form of Demand Draft in favor of TEQIP Cell, PMEC Berhampur. Payable at Berhampur.

4. Each bidder shall submit only one quotation.

5. Quotation shall remain valid for a period not less than **45** days after the last date of quotation submission.

6. Evaluation of Quotations,

The Purchaser will evaluate and compare the quotations determined to be substantially responsive i.e. which

6.1 are properly signed ; and

6.2 confirm to the terms and conditions, and specifications.

7. The Quotations would be evaluated for all items together.

8. Award of contract:

The Purchaser will award the contract to the bidder whose quotation has been determined to be substantially responsive and who has offered the lowest evaluated quotation price.

8.1 Notwithstanding the above, the Purchaser reserves the right to accept or reject any quotations and to cancel the bidding process and reject all quotations at any time prior to the award of contract.

8.2 The bidder whose bid is accepted will be notified of the award of contract by the Purchaser prior to expiration of the quotation validity period. The terms of the accepted offer shall be incorporated in the purchase order.

9. Payment shall be made in Indian Rupees as follows:

Delivery and Installation - 90% of total cost

Satisfactory Acceptance - 10% of total cost

10. All supplied items are under warranty of **36** months from the date of successful acceptance of items.

11. You are requested to provide your offer latest by **12:00** hours on **20-Sep-2018** .

12. Detailed specifications of the items are at Annexure I.

13. Training Clause (if any) **Yes**

14. Testing/Installation Clause (if any) **Yes**

15. Information brochures/ Product catalogue, if any must be accompanied with the quotation clearly indicating the model quoted for.

16. Sealed quotation to be submitted/ delivered at the address mentioned below,

TEQIP Cell, Room 501, Parala Maharaja Engineering College, Sitallapalli, Berhampur, Odisha. Pin-761003

17. We look forward to receiving your quotation and thank you for your interest in this project.

(Authorized Signatory)

Name & Designation

Annexure I

S r. N o	Item Name	Specifications				
1	Online UPS for Computer Lab with 70 PC	S.I No.	Features	Qualifying Minimum Requirements	Compliance Yes/NO	Specificatio n Offered by
		1.1	System Configurati on	10KVA/9KW true online inbuilt isolation transformer UPS system with 60 minute battery back up.		
		1.2	Technology	True On line Double conversion IGBT BASES TECHNOLOGY with Output Power Factor >0.9		
		1.3	Modes of Operations	Double Conversion True On-Line		
		Rectifier Input				
		2.1	Input Voltage	230 VAC 1 Phase		
		2.2	Input Voltage Range	(160 V to 300 V)		
		2.3	Input Voltage Range in at 50% load	110V to 300V		
		2.4	Input Frequency	50 Hz		
		2.5	Input frequency Range	47Hz to 52.5 Hz		

		2.6	Input current Harmonics	<5% at 100 load and		
		2.7	Input Power Factor	0.99		
		BYPASS				
		3.1	Static Bypass switch	A Build in static transfer switch shall be provided as integral part of the UPS		
		3.2	Input Voltage	230VAC, 1 Phase		
		3.3	Rated Frequency	50 Hz		
		3.4	Transfer Time	0 ms		
		OUTPUT				
		4.1	Rated Power	10 KVA/9000 Watt		
		4.2	Output Waveform	Pure sine wave		
		4.3	Out voltage Voltage	220/230/240 VAC +/- 1% in single phase.		
		4.4	Out voltage Regulation	+/-1%, for 100% Static Load, /-5% dynamic 100% load change,		
		4.5	Frequency	50Hz		
		4.6	Frequency sync range	47 to 52.5 Hz		
		4.7	Frequency	+/-0.1Hz		

		regulations			
4.8	Static Stability	+/-1 Hz			
4.9	Crest factor	03:01			
4.1 0	Transfer time in normal mode	0			
4.1 1	Overall efficiency	>92% 100% Load on Mains and battery or better			
4.1 2	Over Load	110% - 5 min 130% : 1 min, 150% - 10sec			
BATTERIES					
5.1	TYPE	Maintains free sealed lead acid			
5.2	Battery Blocks	12V SMF Quanta / Exide make Only			
5.3	Desired Backup time	60 minutes , Minimum 15600 VAH (Battery Number & AH should be mention clearly)			
5.4	Battery Charger	Build-in solid state float-cum-boost charger with automatic boost/ trickle charge modes with current limiting features. Min 10Amp charger is must for charging the batteries.			
		SYSTEM			
6.1					
6.2	Operating temperature	0 to 45° C			

		6.3	Relative humidity	95% non-condensing		
		6.4	LED and LCD Display	Output AC voltage, Input, Bypass and Output AC currents, Input, Bypass and Output Frequency, Battery voltages and currents, Internal and battery pack temperature.		
		6.5	Communication	RS 232 interface + SNMP card slot to be provided optional		
		6.6	Warranty	2 years onsite warranty on both UPS and battery.		
2	Online UPS for personal Computers			Rating		Requirement
				Input Voltage range		160-280
				Input frequency		45-55 Hz
				Output voltage		190-253 V AC
				System Voltage		12
3	Online UPS for Smart Classroom		ITEM			Requirement
			Capacity			3 KVA Online double conversion (single phase)
			INPUT			
			Nominal Voltage			230v
			Input Voltage Range			160 to 260 V single phase (L-N-G)
			Input Frequency Range			50 +/- 3Hz
			Phase			Single phase with ground
			Ground to neutral Voltage			Shall be less than 1 Volt
			OUTPUT			

Output System	Single phase
Output voltage	230V AC +/-1%
Frequency	50Hz +/-1 Hz
Output wave form	Pure sine wave
Overload capacity	<p>Normal Operation:</p> <p>125% for 1 minutes before transfer to bypass</p> <p>Bypass Operation:</p> <p>120% continuous</p> <p>more than 10 milliseconds</p> <p>1000% for</p>
Harmonic Distortion	<p><2% THD maximum for a 100% linear load</p> <p><6% THD maximum for a non linear load</p>
Power conversion Efficiency	80% or better at 50 -100% varying load
BYPASS/ ISOLATION	Shall have input, output, bypass static switches and shall have operate automatically
SWITCHES & INDICATIONS	Control mechanism with appropriate indication control UPS operation in I/O ON OFF, O/P ON OFF, Bypass ON OFF modes, Emergency shutdown and Normal shutdown from local & remote location.
PROTECTION	
Over voltage cut off	Should be provided
Surge protection	Should be provided
Short circuit /Over current protection	Should be provided

		BATTERY	
		Battery type	Sealed Maintenance free battery, Advanced glass Mat VRLA technology. 12v mono-block.
		Battery capacity	Minimum 1hour Back up in full load with minimum 4032VAH
		Battery Housing	MS RACK
		DISPLAY	LCD read out for I/P voltage, O/P voltage, input frequency, output frequency, load percentage, battery backup time left, battery voltages.
		Alram	Actively Audible alarm for utility for failed/Battery Low/Overload Condition
		WARRANTY	
		UPS	Minimum 2 year onsite warranty
		BATTERIES	2 years warranty

FORMAT FOR QUOTATION SUBMISSION

(In letterhead of the supplier with seal)

Date: _____

To:

Sl. No.	Description of goods (with full Specifications)	Qty.	Unit	Quoted Unit rate in Rs. (Including Ex Factory price, excise duty, packing and forwarding, transportation, insurance, other local costs incidental to delivery and warranty/ guaranty commitments)	Total Price (A)	Sales tax and other taxes payable	
						In %	In figures (B)
Total Cost							

Gross Total Cost (A+B): Rs. _____

We agree to supply the above goods in accordance with the technical specifications for a total contract price of Rs. _____ (Amount in figures) (Rupees _____ amount in words) within the period specified in the Invitation for Quotations.

We confirm that the normal commercial warranty/ guarantee of ————— months shall apply to the offered items and we also confirm to agree with terms and conditions as mentioned in the Invitation Letter.

We hereby certify that we have taken steps to ensure that no person acting for us or on our behalf will engage in bribery.

Signature of Supplier

Name: _____

Address: _____

Contact No: _____