



UTTARAKHAND ELECTRICITY REGULATORY COMMISSION

'Vidyut Niyamak Bhawan', Near ISBT, Majra, Dehradun

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No. :1/Admn/63(3)/UERC/14-15/1139

Dated: 17 September 2014

Subject: Quotation for the supply & Installation of 02 Nos., 10 KVA online UPS System.

With reference to the subject cited above, this is to inform you that we require 02 nos. 10 KVA, Online UPS with isolation transformer suitable for single phase AC input and single phase AC output with batteries 12 Volt. 65 AH (16+16=32 nos.) for Commission's office as per attached specification at Annexure-A:

You are requested to submit the sealed quotation as per enclosed proforma at Annexure-A & B with clearly super-scribing "Quotation for 02 nos. Online UPS" in quotation envelope.

Bids without authorization certificate, PAN, Sales Tax registration and other requisite documents shall not be considered.

The last date of submission of the sealed tender shall be 07.10.2014 upto 03.00 PM and shall be opened same day at 04.00 PM. If the day of bid opening is a holiday, the bids shall be opened on the next working day.

The undersigned reserves the right to reject any or all the bids without assigning any reason.

Encl: As above.

(Deepak Kumar)
Assistant Director (Admn.)

SPECIFICATION OF UPS

S.No	FEATURE	GENERAL CONFIGURATION / SPECIFICATION	CONFIGURATON TO BE SUPPLIED & INSTALLED BY THE FIRM
1.	UPS RATING	10KVA Single phase input & single phase output	
2.	INPUT		
	Nominal Voltage	230 V AC, (+20% to -35%) Single Phase	
	Nominal Frequency	50Hz (+/-6%)	
	Input Power Factor	>0.90	
3.	OUTPUT		
	Output Capacity	10 KVA	
		KW Output	
	Load Power Factor	0.7 lag to unity within KVA rating	
	Nominal Voltage	220/230/240/VAC, Single Phase	
	Frequency	50 Hz (+/-0.25 Hz)	
	Phase Displacement	< 1 degree	
	Waveform	True Sine Wave	
4.	EFFICIENCY (At full load & nominal input voltage)		
	Inverter Efficiency (DC to AC)	>90%	
	Converter Efficiency (AC to DC)	>90%	
	Overall Efficiency	>85%	
5.	PHYSICAL		
	Color	Specify	
	Dimension	Specify Width, Depth, Height, Weight	
6.	METERING/ LCD Digital Display	Input Voltage Battery Voltage Output Current (%) Input Current Battery Current Output Voltage Date & Time	
7.	INDICATORS/ ALARMS	Battery low pre-alarm Battery low Load on Battery, UPS Indicator Load on Bypass Inverter Faulty Battery Status Indicator Mains, Invertor, Output on indicator & Others, if any, specify	
8.	PROTECTIONS	Input Under / Over Voltage	

		Rectifier Over Voltage Rectifier over current Battery low Battery charging current limit Output under voltage Output over voltage Output overload Output Short Circuit Inverter over temperature Input, Bypass, Battery Circuit Breaker & Others, if any, specify	
9.	Communication Interface		
	Standard	LAN connectivity / RS232 Port for Software Interface	

Note:- Bidders should clearly mention values of the respective technical parameter against each general configuration/specification.

Signature and Name of Authorized &
Seal of the firm

BID PROFORMA

Name of the Firm:

Address:

Sl.	Description	Qty.	Make and Model	Rate/unit	Rate for 02 nos.	Taxes, if any	Total
1.	Online UPS with isolation transformer suitable for single phase AC input and single phase AC output without batteries	02					
2.	Installation Charges		-				
	Buyback of Realtime nake online UPS		-				
	Standard Warranty/Guarantee period						

AMC/CAMC Charges

Sl.	Description	Rate/Unit	Rate for 02 nos.	Taxes, if any	Total
1	AMC for one year after warranty period				
2	AMC for two years after warranty period				
3	CAMC for one year after warranty period				
4	CAMC for two years after warranty period				

Signature and Name of Authorized &
Seal of the firm