

ERNET India  
GEM/2023/B/3301557 Dated 24.03.2023  
Corrigendum for Tender for “Supply of Intelligent Educational ICT Infrastructure at Eklavya  
Model Residential Schools (EMRSs)”

The following clauses of the tender have been amended as given below:

**1. Clause No. 27 (ii)- UPS (Uninterrupted Power Supply) under Section-IV: Scope of Work:**

Required Specifications		
S.No	Description	Values
1	Rating in KVA	1 KVA
2	Technology	MOSFET-PWM
3	Type of battery	SMF-VRLA confirming to JISC-8702 Pt 1,2 &3
4	Rated Output (Volt)	Single Phase Quasi-Sin-wave 230 V AC, 50 Hz
5	Degree of protection	IP 20
6	Inverter Efficiency (%)	> / = 60%
7	Warranty for the battery	Battery will also be covered under warranty.
8	Warranty for Line Interactive UPS	Entire UPS shall be covered under warranty
9	AC output sockets through inverter	Yes, 3 or above
10	Overload Time (Minutes)	> / = 5 minutes
11	Load power factor	> / = 0.6
12	Variation in AVR output in AC mode (%) AVR (Voltage regulation) output voltage in AC Mode	230 Volts +/-15%, 50 +/-3 Hz
13	Type of enclosure	ABS
14	Total harmonic distortion (%)	< / = 40%
15	Input (Volt)	Single phase sinewave(160-280v)
16	Switching over time (Mili sec)	Maximum 10 milli seconds
17	Load power factor	> / = 0.6
18	Variation in AVR output in AC mode (%) AVR (Voltage regulation) output voltage in AC Mode	230 Volts +/-9%, 50 +/-3 Hz
19	Overload (%)	>/=10%
20	Variation in output voltage in battery mode (%) (UPS output voltage in battery mode)	230 Volts +/- 10%
21	Variation on output frequency in battery mode (Hz)	</=0.5

**Note:** There is no other changes/amendment in the above referred tender document. Remaining clauses/Specifications of the tender document will remain same.

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