

Clarifications -I, dt: 09.11.2021

REQUEST FOR PROPOSAL (RFP) for Selection of Agency for Supply, Installation and Commissioning of UPS at APSFL PoPs

Ref. No- APSFL/UPS/308/2018-2021, Dt: 27.10.2021

Sl. no.	Page no.	Clause no.	Description	Query	APSFL Response
1	5.1 (1)	33	True On-Line based UPS with double conversion technology with inbuilt galvanic Isolation transformer. The isolation transformer must have the operating Range: 200V-350V, Step Down: -100:90, Two earth pits to be provided as per electrical standards	You have desired isolation transformer as well as step down transformer (-100:90). Please clarify in detail what is the purpose of step down transformer and why it will be used ?	Refer Corrigendum - I
2			Two earth pits to be provided as per electrical standards	Please clarify whether it is in the scope of vendor or any other agency ?	Not Required
3	5.1 (1)	33	True On-Line based UPS with double conversion technology with inbuilt galvanic Isolation transformer. The isolation transformer must have the operating Range: 200V-350V, Step Down: -100:90, Two earth pits to be provided as per electrical standards	Isolation should be required at input or External to be clarified	Input (Inside of the UPS Required not external)
4	5.1 (16)	34	Charging Current - 10% of battery AH	Max 12 amp charger can be provided for 1 KVA UPS. Please confirm.	Refer Corrigendum - I
5	5.1 (16)	33	Computer interface - RJ45 with SNMP	Please clarify whether only provision is required for SNMP or we have to supply the system with SNMP ?	provision is required for SNMP
6	5.1 (18)	33	Battery Type - 200 Ah along with stand and complete wiring	Please clarify – for total VAH of 7200, can we supply UPS system with higher DC voltage i.e. 6 Nos. 12V / 100AH to provide same backup time	Refer Corrigendum - I
7	5.1 (19)		No. of Batteries - 3		3 Nos
8	5.3 (1)	35	True On-Line based UPS with double conversion technology with inbuilt galvanic Isolation transformer. The isolation transformer must have the operating Range: 200V-350V, Step Down: -100:90, Two earth pits to be provided as per electrical standards	You have desired isolation transformer as well as step down transformer (-100:90). Please clarify in detail what is the purpose of step down transformer and why it will be used ?	Refer Corrigendum - I
9			Two earth pits to be provided as per electrical standards	Please clarify whether it is in the scope of vendor or any other agency ?	Not Required
10	5.3 (16)	35	Computer interface - RJ45 with SNMP	Please clarify whether only provision is required for SNMP or we have to supply the system with SNMP ?	provision is required for SNMP

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11	5	37	Prime Bidder and any of the Consortium members should not have been blacklisted by any central or state Govt. department or PSU on the date of bid submission.	Prime Bidder and any of the Consortium members should not have been blacklisted by any central or state Govt. department or PSU as on tender date	No change
12	1.4 (19)	16	Bid Security / EMD (Refundable / Convertible): INR 1,96,158/- (One Lakh Ninety Six Thousand One Hundred and Fifty Eight Only) The EMD amount can be paid directly through any of the e-payment options in the portal Note: e-Procurement portal will deny submission of the bid without submitting the EMD. For further details regarding e payment, please refer to e-Procurement portal No interest will be payable by APFSL on the amount of the EMD (Bid Security).	Kindly allow exemption for MSME holders. Usually AP govt tender authority give exemption of EMD for MSME holders.	No change
13	5.1. 1KVA with 6Hrs back up UPS:	Page 33 of 71	1. True On-Line based UPS with double conversion technology with inbuilt galvanic Isolation transformer. The isolation transformer must have the operating Range: 200V-350V, Step Down: -100:90, Two earth pits to be provided as per electrical standards	We request you to kindly clarify the requirement of Step Down: -100:90. Please explain briefly	Refer Corrigendum - I
14	5.2. 3KVA with 4Hrs back up UPS	Page 34 of 71	1. True On-Line based UPS with double conversion technology with inbuilt galvanic Isolation transformer. The isolation transformer must have the operating Range: 200V-350V, Step Down: -100:90, Two earth pits to be provided as per electrical standards	We request you to kindly clarify the requirement of Step Down: -100:90. Please explain briefly	Refer Corrigendum - I
15	5.2. 3KVA with 4Hrs back up UPS	Page 34 of 71	18. Battery Type: 100 Ah along with stand and complete wiring	We would like to inform you that 100AH battery is not sufficient for 4 Hrs Battery Backup so kindly this clause "150 Ah along with stand and complete wiring"	Refer Corrigendum - I

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Sl. no.	Page no.	Clause no.	Description	Query	APSFL Response
16	5.3. 5KVA with 6 Hrs back up UPS	Page 35 of 71	1. True On-Line based UPS with double conversion technology with inbuilt galvanic Isolation transformer. The isolation transformer must have the operating Range: 200V-350V, Step Down: -100:90, Two earth pits to be provided as per electrical standards	We request you to kindly clarify the requirement of Step Down: -100:90. Please explain briefly	Refer Corrigendum - I
17	5.3. 5KVA with 6 Hrs back up UPS	Page 35 of 71	7. Backup time: 6 hrs	For 5kVA/4kW Load required battery for 6 hrs backup is 160AH, but our design will not support 160AH battery so please advise the actual load to resize the battery AH	Refer Corrigendum - I
18	5.3. 5KVA with 6 Hrs back up UPS	Page 35 of 71	13. Output Harmonic Distribution <2%	We request you to amend this clause as per OEM Standards "Output Harmonic Distribution <3%"	Refer Corrigendum - I
19	5.3. 5KVA with 6 Hrs back up UPS	Page 35 of 71	18. Battery Type 160 Ah along with stand and complete wiring	For 5kVA/4kW Load required battery for 6 hrs backup is 160AH, but our design will not support 160AH battery so please advise the actual load to resize the battery AH	Refer Corrigendum - I
20	5.3. 5KVA with 6 Hrs back up UPS	Page 35 of 71	21. Over Load Capacity 125%:10 mins; 150%:1min;	We would like to inform you that given Over Load Capacity are related to 3 Phase UPS Systems, so we request you to kindly amend this clause as per UPS OEM Standards 105% - 110% : 10mins; 110% - 130% - 1 min; >130% - 3 sec	Refer Corrigendum - I