

Pre – Bid Meeting Proceedings - Revised

The Pre – Bid Meeting was held on **13/05/2021** at 11.00 A.M. through G-meet for the purchase of “**UPS for High performance workstations**”. The following queries were discussed & the Reply/Clarification given to the prospective bidders.

Queries & Reply/Clarification

Sl. No.	Questions asked by the vendor	Reply/Clarification	Changes to the Tender
1	We would like you to clarify that as per your tender you need 2 Nos of 20 KVA Modular UPS in Modular frame with minimum module capacity of 10 KVA and in N+1 redundancy i.e. 3 nos of 10 KVA Modules where 1 No module will be in redundant mode in case any 1 modules fails out of 3 nos the output capacity of 20 KVA load is supported and not disturbed. We request to confirm the same.	The N+1 criteria is an important consideration as mentioned in the detailed technical specification of the UPS.	No changes in the tender document.
2	In technical specification it is mentioned as 60 Mins back up time where as in page no 29 it is mentioned as 30 mins back up time Request you to clarify and also mention as 30/60 Mins at 20 KVA 0.9 load PF i.e. 18 Kw for 30 /60 mins for each modular frame of 20 Kva at 0.9 PF so that no bidder will take advantage and all bidders will be uniform.	Minimum backup time requirement is 30 minutes for the given technical specification. Anything \geq 30 minutes backup time may be desirable.	No changes in the tender document.
3	We also request and suggest you to give VAH i.e. total battery bank capacity for each UPS as per enclosed calculation recommended by Exide SMF battery manufacturer	All the generic details of the UPS requirements is already provided in technical document. A separate battery bank capacity for calculation recommended by specific battery manufacturer may not be provided.	No changes in the tender document.

4	Since your campus is in coastal area with our experience we recommend you to have Copper wound Isolation transformer at the input of UPS for full proof system against any lightening also from transients ,spikes ,surges etc.	Basic level protection against lightning related transients, spikes, etc covered during construction of the building to the best possible extent. Additionally the warranty period mentioned in the technical specification to be followed.	No changes in the tender document.
5	We also wish to insist for quality certifications for best quality of UPS from OEM manufacturer of UPS who is following quality standards of ISO 9001, 14001,45001 & 50001 and UPS modules tested for ROHS compliance and international standards for EMI & EMC of EN 62040-2:2018 / IEC 62040-2:2016 & IEC 62040-1+ A1:2003 with valid certificates uploaded in technical bid of tender for the module capacity or higher capacity offered in tender which will ensure the USER the UPS is tested for EMI and EMC so that connected loads will not be affected due to UPS generating EMI & EMC .	Quality certifications are desirable. Guidelines as per GOI to be followed in that regard.	No changes in the tender document.
6	In modular UPS flexibility of batteries i.e. initially 40 Nos of batteries and over the period i.e. after 3-4 years from the date of installation even if 8 nos of batteries fails due to end of life the UPS will continue to work at 32 Nos of batteries except back up time will get reduced proportionately which will allow sufficient time for user to process the paper work for replacement of total battery bank ,this feature can be asked in the bid so that user will gain advantage at no extra cost.	Can not dictate specific number of batteries as it may vary depending on the manufacturer. The supplier must comply to the technical specifications as mentioned in the document.	No changes in the tender document.

Sd/-
Buyer
(Dr. Mruthyunjaya Swamy K B)

Sd/-
Chairman
Central research facility