Clarification No-01 Dated 30.10.2025 to Bidding Document for 400kV Transformer Package 4TR-15-BULK (AM) for 12 x 500 MVA 400/220/33kV 3-Ph Transformers, 6x 315MVA 400/220/33kV 3-Ph Transformer & 1x315MVA 400/132/33kV 3-Ph Transformers under "Bulk Procurement of 765kV & 400kV class Transformers & Reactors of various Capacities (Lot-6).;

Sl. No.	Provision in Bidding Document	Bidder's Query	POWERGRID's Reply
1.	Section Transformer Rev-13; Clause 3.14.1 & 5.4 BPS S.No. 5	BPS Schedule 1 > S.No. 5 > 315 MVA, 400/132/33 kV, 3-Phase AutoTransformer Bidder do not have dynamic short circuit test report on similar rating. Bidder has Dynamic short circuit test report of 315 MVA, 400/220 kV ICT, manufactured from T1 plant Mumbai (permanently non-operational) and 500 MVA, 400/220 kV ICT test is under process. Bidder is unable to prove short circuit similarity due to change of Impedance Values for IV-LV Pair, Absorbed Power Criteria is beyond allowable range for IV-LV Pair. Hence, Bidder is not qualifying as per qualification criteria. Note: As per PGCIL Specification Rev 13, Dynamic Short Circuit Test (DSC) considered as a Type Test. Bidder shall not perform any short circuit Test on 315 MVA, 400/132/33 kV, 3-Phase AutoTransformer. If required, we can only submit short circuit calculation during the detailed engineering. We request PGCIL to kindly waive off the Dynamic Short Circuit requirement on 315 MVA, 400/132/33 kV, 3-Phase AutoTransformer and allow us to submit our most competitive bid.	Bidder shall quote meeting the requirement of bidding documents
2.	Section Transformer Rev-13; Annexure-A 3.0 Clause 3.25	As discussed, we would like to highlight a critical point regarding the 315 MVA, 400/132/33 kV Auto-transformers in subject tender spec. Unfeasible Loss Parameters: The specified loss values (No Load Losses: 72 kW, Load Losses: 400 kW, Auxiliary Losses: 10 kW) are not technically achievable/viable with current manufacturing capabilities for a transformer of this rating and voltage class. These values are significantly lower than industry norms. Moreover, Bidder, along with other leading OEMs, had earlier initiated discussions with the CEA to amend the standardized loss values for the 315 MVA, 400/132/33 kV Auto Transformer. The proposed and technically feasible loss values are:	Please refer Amendment No-V to the bidding documents

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Sl. No.	Provision in Bidding Document	Bidder's Query	POWERGRID's Reply
		· No Load Losses (NLL): 100 kW · Load Losses (LL): 470 kW (I^2R component: 360 kW) · Auxiliary Losses (AL): 11 kW To ensure compliance and a viable solution, we kindly request you to engage with CEA to consider revising the transformer loss values, which are under discussion with the CEA and supported by multiple OEMs.	