

Clarification No-I dated 08/07/2026 to the Bidding Documents for 400kV GIS Extn Substation Package SS-157 (including Transformer) for (a) Extn. of 400kV Jeypore (POWERGRID) S/S under “Eastern Region Expansion Scheme-49”, (b) Extn. of 220/132kV Purnea (POWERGRID) S/S and (c) 1 x 200MVA, 220/132kV Transformer at Purnea (POWERGRID) S/S under “Eastern Region Expansion Scheme-52”; Specification No.: CC/NT/W-GIS/DOM/A06/26/07684

Sr. No	Section/Clause Reference	Clause Description	Bidders Queries	POWERGRID Reply
1	Clause no. 3.14 of technical specification section - Transformer (Upto 400kV Class) Rev 13.	<p>For 220 kV Class Transformer:</p> <p>Bidder / Manufacturer should have successfully carried out Dynamic Short Circuit Test on any rating of 220 kV or above voltage class transformer as on the originally scheduled</p> <p>date of bid opening</p> <p>.....</p> <p>.....</p> <p>The offered transformer should comply the requirement of similarity clause specified in</p> <p>IS 2026 (PART 5) / IEC 60076-5 with respect to short circuit tested transformer.</p>	<p>With reference to Clause No.3.14 concerning the dynamic short-circuit requirement, we wish to inform that we will submit similar/ higher rating transformer, however as per the requirement of Design review with SC Test transformer, we will submit the detailed SC Test Calculation along with higher rating SC Test report.</p> <p>Kindly Confirm.</p>	<p>The offered transformer shall comply the dynamic short circuit requirement in line with clause 3.14 of technical specification section - Transformer (Upto 400kV Class) Rev 13. Bidder to quote accordingly.</p>
2	Clause no. 9.4 of Section Project	<p>The 220/132kV Transformer envisaged under present scope for Purnea substation shall be operated in parallel with existing Transformers. For parallel operation with existing transformer, the impedance, OLTC connection & range and the winding configuration (if necessary) are to be matched.</p>	<p>We noted a discrepancy between the provided rating plates and the project's technical specifications regarding the tap changer location:</p> <ul style="list-style-type: none"> • Provided Rating Plates: Indicate taps on the HV (High Voltage) side for HV variations • Technical Specification (Section: Transformer up to 400kV Class, Page 	<p>Please refer technical parameters for 200MVA, 220/132kV Transformer mentioned in technical specification section - Transformer (Upto 400kV Class) Rev 13 wherein it is mentioned that “For parallel operation with</p>

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			<p>54): Outlines technical particulars for transformers with taps on the IV (Intermediate Voltage) side for IV variations.</p> <p>Could you please clarify this discrepancy and confirm the correct, final requirement for the tap changer location?</p> <p>Additionally, to ensure successful parallel operation with the existing transformers, please furnish the percentage impedance values at the normal and extreme taps with complete datasheet.</p>	<p>existing transformer, the impedance, OLTC connection & range and the winding configuration (if necessary) is to be matched."</p> <p>In view of the above, the OLTC shall be provided for HV (220kV) variation, in line with the configuration adopted in the existing transformers installed at site for parallel operation.</p> <p>Further, percentage impedance at normal and extreme taps have already been provided in Section Project and name plates of existing Transformers have also been attached in tender documents.</p> <p>All relevant details of the existing transformers,</p>
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				including impedance values, voltage ratio, tapping range, vector group, and other key parameters, have been provided in the bidding documents. Any additional information required for detailed engineering and successful execution of the scope shall be furnished to the successful bidder upon award of the contract.
3	Clause 2.2.2.1(g) and Clause 2.2.1.1(f) of Section Project	<p>Jeypore SS HVWS & Hydrant system for employer supplied 400kV, 3-Phase Reactor</p> <p>Purnea SS NIFPS & Hydrant system for 220/132kV, 200MVA Transformer</p>	Provide Existing fire pump details for the Jeypore SS & Purnea SS	Pump details shall be shared to the successful bidder during detailed engineering.