

Amendment-VIII dated 21.09.2024 on the Request for Proposal Document and Transmission Service Agreement issued for selection of bidder as Transmission Service Provider to establish “Transmission system for evacuation of power from Rajasthan REZ Ph-IV (Part-3: 6GW) [Bikaner complex]: Part B” through tariff based competitive bidding process.

Sl. No.	Clause No.	Existing Provisions	New/Revised Provisions
1.	SPECIFIC TECHNICAL REQUIREMENTS FOR COMMUNICATION RFP & TSA Clause C.6.2.2 Under Voltage Strategy	It is essential that the STATCOM Station operates in a robust manner when transmission system under voltages appears. For transmission system voltages down to 0.15 p.u., the STATCOM units must operate unrestricted, producing its rated capacitive current. The STATCOM must be designed to operate at transmission system under voltage, even considering that severe voltage unbalances can appear. The STATCOM must not be restricted by short term negative sequence voltages up to 1.5%, appearing in conjunction with under voltages. ...	It is essential that the STATCOM Station operates in a robust manner when transmission system under voltages appears. For transmission system voltages down to 0.15 p.u. <u>for single phase or three phase fault and 0.3 p.u. for two phase faults</u> , the STATCOM units must operate unrestricted, producing its rated capacitive current. The STATCOM must be designed to operate at transmission system under voltage, even considering that severe voltage unbalances can appear. The STATCOM must not be restricted by short term negative sequence voltages up to 1.5%, appearing in conjunction with under voltages. ...
2.	SPECIFIC TECHNICAL REQUIREMENTS FOR COMMUNICATION RFP & TSA C.6.5.1 Radio Interference	... a) With the STATCOM Station operating at any load upto rated value and within the design range of firing angle, the radio interference level from electromagnetic or electrostatic inductions generated by the STATCOM station shall not exceed 100 micro-volts/m, under fair weather conditions, at any point outside the station fence . The Radio Interference Level (RIL) criteria shall be achieved at all frequencies within the range of 150 kHz to 300 MHz and with the STATCOM operation at any level up to and including rated value, the design shall provide correcting measures, should the specified design not being realized in the final installation. ...	... (a) With the STATCOM Station operating at any load upto rated value and within the design range of firing angle, the radio interference level from electromagnetic or electrostatic inductions generated by the STATCOM station shall not exceed 100 micro-volts/m, under fair weather conditions at <u>500 m away from STATCOM fence or boundary of the substation whichever is higher</u> . The Radio Interference Level (RIL) criteria shall be achieved at all frequencies within the range of 150 kHz to 300 MHz and with the STATCOM operation at any level up to and including rated value. The design shall provide correcting measures, <u>in case</u> the specified design not being realized in the final installation. <u>In case of any third-party complaints about the radio interference, suitable measures shall be implemented by TSP.</u> ...