

Amendment-III dated 18.09.2026 to RFP documents for Selection of Bidder as Transmission Service Provider to develop Intra-State Transmission system i.e., "Strengthening of Intra-State Transmission System at Kukshi/ Alirajpur area by Establishment of new EHV Substations & associated transmission lines" through tariff based competitive bidding process.

Sl. No.	Clause No.	Existing Provisions	New/Revised Provisions
1.	RFP & TSA Annexure -C Specific Technical Requirements for Transmission Lines Cl. No. A.3.0	A) For power line crossing of 400 kV or above voltage level, large angle & dead end towers (i.e. D/DD/QD) shall be used on either side of power line crossing (i.e. D/DD/QDD/DD/QD arrangement). B) For overhead crossing of existing power line of 132kV and 220kV voltage level, only (D/DD/QD) angle towers shall be used on either side of power line crossing. C) For power line crossing of 66 kV and below voltage level, suspension/tension towers shall be provided on either side of power line crossing depending upon the merit of the prevailing site condition and line deviation requirement. <u>D) For crossing of railways, national highways and state highways, the rules/regulations of appropriate authorities shall be followed.</u>	A) For power line crossing of 400 kV or above voltage level, large angle & dead end towers (i.e. D/DD/QD) shall be used on either side of power line crossing (i.e. D/DD/QDD/DD/QD arrangement). B) For overhead crossing of existing power line of 132kV and 220kV voltage level, only (D/DD/QD) angle towers shall be used on either side of power line crossing. C) For power line crossing of 66 kV and below voltage level, suspension/tension towers shall be provided on either side of power line crossing depending upon the merit of the prevailing site condition and line deviation requirement. <u>D) Where two lines cross each other, the crossing shall be made as nearly at right angles as the nature of the case admits and as near the support of the line as practicable, and the support of the lower line shall not be placed in the right of way of the upper line</u> <u>E) For crossing of railways, expressways, national highways and state highways, the rules/regulations of appropriate authorities shall be followed. These crossing should be kept to minimum, and preferably at right angles.</u> <u>F) Wherever overhead line of voltage 33 kV or above or high voltage direct current intending to cross the right of way of a Petroleum or Natural Gas pipeline, the angle of crossing of the overhead line with respect to the pipelines shall preferably be at right angles and, in any case, the crossing angle shall not be less than seventy five degrees.</u>

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2.	RFP & TSA Annexure -C Specific Technical Requirements for Transmission Lines Cl. No. A.19.0	<u>Routing of transmission line through protected areas of India shall be avoided to the extent possible. In case, it is not possible to avoid protected areas, the towers of the transmission line up to 400 kV level which are installed in protected areas shall be designed for Multicircuit (4 circuits) configuration of same voltage level considering reliability level of at least two (2). The top two circuits of these multi-circuit towers shall be used for stringing of the transmission line under present scope and the bottom two circuits shall be made available for stringing of any future transmission line of any transmission service providers/ State transmission utilities/Central transmission utilities passing through the same protected area. Further, the configuration and coordinates of such transmission towers shall be submitted to MPPTCL, MPPMCL and BPC by the TSP.</u>	<u>(a) Routing of transmission line through protected areas of India shall be avoided to the extent possible. In case, it is not possible to avoid protected areas, the towers of the transmission line up to 765 kV level, which are installed in protected areas, shall be designed for Multi-circuit (4-circuits) configuration of same voltage level considering the Reliability Level and Design Span as per CEA (Technical standards for construction of Electrical Plants and Electric Lines) Regulations, 2022, as amended from time to time. The top two circuits of these multi-circuit towers shall be used for stringing of the transmission line under present scope and the bottom two circuits shall be made available for stringing of any future transmission line of any transmission service providers/ State transmission utilities/Central transmission utilities passing through the same protected area. Further, the configuration and coordinates of such transmission towers shall be submitted to CEA, MPPTCL, MPPMCL and BPC by the TSP.</u> <u>It shall be ensured that Minimum ground clearance is maintained such that statutory Electrical Clearances and Electric Field limit of 10 kV/m at 1 m and 1.8 m from ground level are not violated.</u> <u>(b) Routing of transmission lines through all Metropolitan areas, Municipal Corporations, Municipalities, Nagar Panchayats, and all Urban Planning areas notified by State Governments and Forest areas notified by the Ministry of Environment, Forest and Climate Change (MoEFCC), shall be avoided to the extent possible. However, if it is not possible to avoid these areas, then, in order to optimize Right of Way (RoW) in all Metropolitan areas, Municipal Corporations, Municipalities, Nagar Panchayats, and all Urban Planning areas notified by State Governments, for up to 400 kV transmission lines, Double Circuit Pole</u>
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			<u>Structures designed with a Reliability Level and Design Span as per CEA (Technical Standards for Construction of Electrical Plants and Electric Lines) Regulations, 2022 amended from time to time) (preferably insulated cross arms) shall be implemented.</u> <u>It shall also be ensured that Minimum ground clearance is maintained such that statutory Electrical Clearances and Electric Field limit of 10 kV/m at 1 m and 1.8 m from ground level are not violated.</u> <u>In case of more than TWO parallel Circuits up to 400 kV, the same shall be accommodated using Pole Structures designed for so many Circuits.</u>
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