

Amendment III dated 24.12.2024 to the Request for Proposal Documents for selection of bidder as Transmission Service Provider to establish “Network Expansion scheme in Western Region to cater to Pumped storage potential near Talegaon (Pune)” through tariff based competitive bidding process.

Sl. No.	Clause No.	Existing Provision	New/Revised Provision
1.	Clause A.7.0 RFP & TSA Technical Specifications of Transmission System	<p>(A) For power line crossing of 400 kV or above voltage level large angle and dead end towers (i.e. D/DD/QD) shall be used on either side of power line crossing.</p> <p>(B) For power line crossing of 132 kV and 220 kV (or 230 kV) voltage level, angle towers (B/C/D/DB/DC/DD/QB/QC/QD) shall be used on either side of power line crossing depending upon the merit of the prevailing site condition and line deviation requirement.</p> <p>(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.</p> <p>(D) For crossing of railways tracks, national highways and state highways, the rules/ regulations of appropriate authorities shall be followed.</p>	<p><u>(A) Under crossing of the existing transmission line of same Voltage shall not be allowed. In the case where it is inevitable to under-cross the existing transmission line then TSP shall seek prior approval from Chief Electrical Inspector, CEA with detailed study ensuring that all statutory electrical clearances and Electric Field limit of 10 kV/m at 1 m and 1.8 m from ground level is not violated.</u></p> <p><u>(B)</u> For power line crossing of 400 kV or above voltage level large angle and dead end towers (i.e. D/DD/QD) shall be used on either side of power line crossing.</p> <p><u>(C)</u> For power line crossing of 132 kV and 220 kV (or 230 kV) voltage level, angle towers (B/C/D/DB/DC/DD/QB/QC/QD) shall be used on either side of power line crossing depending upon the merit of the prevailing site condition and line deviation requirement.</p> <p><u>(D)</u> 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.</p> <p><u>(E)</u> For crossing of railways tracks, national highways and state highways, the rules/ regulations of appropriate authorities shall be followed.</p>
2.	Clause A.23.0 RFP & TSA Technical Specifications of	New Clause	<u>The stringing of the transmission line in forest area shall be carried out through drone.</u>

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	Transmission System														
3.	Clause A.24.0 RFP & TSA Technical Specifications of Transmission System	New Clause	<u>The tower shall be designed considering the porcelain Insulators with creepage factor of 31 mm/ kV irrespective of type of insulator used.</u>												
4.	Clause A.25.0 RFP & TSA Technical Specifications of Transmission System	New Clause	<u>RoW width and Span in different terrain shall be as per Schedule VII of CEA (Technical Standards for Construction of Electrical plants and Electric Lines) Regulations 2022 and RoW guidelines issued vide CEA-PS-14-86/2/2019-PSETD Division dated 24.09.2024</u>												
5.	Clause B.1.2 RFP & TSA SPECIFIC TECHNICAL REQUIREMENTS FOR SUBSTATION	<p>...</p> <p>ix) 765/400 kV South Kalamb S/s : 765 kV bay configurations (one and half breaker scheme) shall be as follows:</p> <table border="1" data-bbox="447 1198 1134 1464"> <thead> <tr> <th data-bbox="447 1198 846 1274">Configuration</th> <th data-bbox="846 1198 1134 1274">Numbers</th> </tr> </thead> <tbody> <tr> <td data-bbox="447 1274 846 1351"><u>ICT-Tie-Line</u></td> <td data-bbox="846 1274 1134 1351"><u>2 (two)</u></td> </tr> <tr> <td data-bbox="447 1351 846 1464"><u>Bus Reactor-Tie-Line</u></td> <td data-bbox="846 1351 1134 1464"><u>2 (two)</u></td> </tr> </tbody> </table>	Configuration	Numbers	<u>ICT-Tie-Line</u>	<u>2 (two)</u>	<u>Bus Reactor-Tie-Line</u>	<u>2 (two)</u>	<p>...</p> <p>ix) 765/400 kV South Kalamb S/s : 765 kV bay configurations (one and half breaker scheme) shall be as follows:</p> <table border="1" data-bbox="1163 1198 1955 1442"> <thead> <tr> <th data-bbox="1163 1198 1562 1274">Configuration</th> <th data-bbox="1562 1198 1955 1274">Numbers</th> </tr> </thead> <tbody> <tr> <td data-bbox="1163 1274 1562 1377"><u>ICT-Tie-Bus Reactor</u></td> <td data-bbox="1562 1274 1955 1377"><u>1 (one)</u></td> </tr> <tr> <td data-bbox="1163 1377 1562 1442"><u>ICT-Tie-Line</u></td> <td data-bbox="1562 1377 1955 1442"><u>1 (one)</u></td> </tr> </tbody> </table>	Configuration	Numbers	<u>ICT-Tie-Bus Reactor</u>	<u>1 (one)</u>	<u>ICT-Tie-Line</u>	<u>1 (one)</u>
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		...	<u>Bus Reactor-Tie-Line</u>	<u>1 (one)</u>
			<u>Future ICT-Tie-Line</u>	<u>2 (two)</u>