

Amendment-IX dated 03.05.2024 to RFP Documents for Selection of Bidder as Transmission Service Provider to establish Inter-State Transmission System for “Transmission System for Evacuation of Power from potential renewable energy zone in Khavda area of Gujarat under Phase- V (8GW): Part A” through tariff based competitive bidding process

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1.	Specific Technical Requirement of 6000 MW (4x1500 MW), ±800 kV HVDC of the RFP & TSA documents	<p>4. Design Consideration</p> <p>The salient technical features for HVDC terminals shall be as follows (Table 1):</p> <p style="text-align: center;">Table-1</p> <table border="1" data-bbox="439 544 1227 1134"> <thead> <tr> <th>Sl. No.</th> <th>Item Description</th> <th>Parameters</th> </tr> </thead> <tbody> <tr> <td>1.</td> <td>.....</td> <td>.....</td> </tr> <tr> <td>....</td> <td>.....</td> <td>.....</td> </tr> <tr> <td>8.</td> <td>Minimum Short circuit level (MVA) at 400 kV KPS2 (both rectifier and inverter operation)</td> <td>Sec-I: 25600MVA & Sec-II: 19800MVA (with IBR) Sec-I: 17600MVA & Sec-II: 13800MVA (without IBR)- <u>runback allowed upto NIL MW</u> <i>(Considering outage of 2x1500MVA ICTs on each section, with 400kV bus sectionaliser kept open)</i></td> </tr> <tr> <td>...</td> <td>.....</td> <td>.....</td> </tr> </tbody> </table> <p>.....</p>	Sl. No.	Item Description	Parameters	1.	8.	Minimum Short circuit level (MVA) at 400 kV KPS2 (both rectifier and inverter operation)	Sec-I: 25600MVA & Sec-II: 19800MVA (with IBR) Sec-I: 17600MVA & Sec-II: 13800MVA (without IBR)- <u>runback allowed upto NIL MW</u> <i>(Considering outage of 2x1500MVA ICTs on each section, with 400kV bus sectionaliser kept open)</i>	<p>4. Design Consideration</p> <p>The salient technical features for HVDC terminals shall be as follows (Table 1):</p> <p style="text-align: center;">Table-1</p> <table border="1" data-bbox="1296 544 2094 1094"> <thead> <tr> <th>Sl. No.</th> <th>Item Description</th> <th>Parameters</th> </tr> </thead> <tbody> <tr> <td>1.</td> <td>.....</td> <td>.....</td> </tr> <tr> <td>....</td> <td>.....</td> <td>.....</td> </tr> <tr> <td>8.</td> <td>Minimum Short circuit level (MVA) at 400 kV KPS2 (both rectifier and inverter operation)</td> <td>Sec-I: 25600 MVA and Sec-II: 19800 MVA (with IBR) Sec-I: 17600 MVA and Sec-II: 13800 MVA (without IBR)- <i>(Considering outage of 2x1500 MVA ICTs on each section, with 400 kV bus sectionaliser kept open)</i></td> </tr> <tr> <td>...</td> <td>.....</td> <td>.....</td> </tr> </tbody> </table> <p>.....</p>	Sl. No.	Item Description	Parameters	1.	8.	Minimum Short circuit level (MVA) at 400 kV KPS2 (both rectifier and inverter operation)	Sec-I: 25600 MVA and Sec-II: 19800 MVA (with IBR) Sec-I: 17600 MVA and Sec-II: 13800 MVA (without IBR)- <i>(Considering outage of 2x1500 MVA ICTs on each section, with 400 kV bus sectionaliser kept open)</i>
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