

Amendment-1 (dated: 12.02.2024) to RFP Documents for “Transmission System for Evacuation of power from potential renewable energy zone in Khavda area of Gujarat under Phase-IV (7GW): Part B” through tariff based competitive bidding process.

Sl. No.	Existing Clause	New/Revised Clause																																																																		
1	<p>RFP</p> <p>Specific Technical Requirements for Substation</p> <p>Clause no. B.1.1</p> <p>B.1.1 Insulation Coordination</p> <p>The system design parameters for substations/switchyards shall be as given below:</p> <table><tr><th rowspan="2">S. No</th><th rowspan="2">Description of Parameters</th><th colspan="3">765/400/220 kV South Olpad (GIS) S/s</th></tr><tr><th>765kV System</th><th>400 kV System</th><th>220 kV System</th></tr><tr><td></td><td></td><td></td><td></td><td></td></tr><tr><td>1.</td><td>System operating voltage</td><td>765kV</td><td>400kV</td><td>220kV</td></tr><tr><td>--</td><td>--</td><td>--</td><td>--</td><td>--</td></tr><tr><td>8.</td><td>Minimum creepage distance for insulator string/ long rod insulators/ outdoor bushings</td><td>24800mm (31mm/ kV)</td><td>13020mm (31mm/ kV)</td><td>13020 mm (31 mm/kV)</td></tr><tr><td>9.</td><td>Minimum Creepage distance for switchyard equipment</td><td>24800mm (31mm/ kV)</td><td>13020mm (31mm/ kV)</td><td>13020 mm (31 mm/kV)</td></tr></table>	S. No	Description of Parameters	765/400/220 kV South Olpad (GIS) S/s			765kV System	400 kV System	220 kV System						1.	System operating voltage	765kV	400kV	220kV	--	--	--	--	--	8.	Minimum creepage distance for insulator string/ long rod insulators/ outdoor bushings	24800mm (31mm/ kV)	13020mm (31mm/ kV)	13020 mm (31 mm/kV)	9.	Minimum Creepage distance for switchyard equipment	24800mm (31mm/ kV)	13020mm (31mm/ kV)	13020 mm (31 mm/kV)	<p>RFP</p> <p>Specific Technical Requirements for Substation</p> <p>Clause no. B.1.1</p> <p>B.1.1 Insulation Coordination</p> <p>The system design parameters for substations/switchyards shall be as given below:</p> <table><tr><th rowspan="2">S. No</th><th rowspan="2">Description of Parameters</th><th colspan="3">765/400/220 kV South Olpad (GIS) S/s</th></tr><tr><th>765kV System</th><th>400 kV System</th><th>220 kV System</th></tr><tr><td></td><td></td><td></td><td></td><td></td></tr><tr><td>1.</td><td>System operating voltage</td><td>765kV</td><td>400kV</td><td>220kV</td></tr><tr><td>--</td><td>--</td><td>--</td><td>--</td><td>--</td></tr><tr><td>8.</td><td>Minimum creepage distance for insulator string/ long rod insulators/ outdoor bushings</td><td>24800mm (31mm/ kV)</td><td>13020mm (31mm/ kV)</td><td>7595 mm (31 mm/kV)</td></tr><tr><td>9.</td><td>Minimum Creepage distance for switchyard equipment</td><td>24800mm (31mm/ kV)</td><td>13020mm (31mm/ kV)</td><td>7595 mm (31 mm/kV)</td></tr></table>	S. No	Description of Parameters	765/400/220 kV South Olpad (GIS) S/s			765kV System	400 kV System	220 kV System						1.	System operating voltage	765kV	400kV	220kV	--	--	--	--	--	8.	Minimum creepage distance for insulator string/ long rod insulators/ outdoor bushings	24800mm (31mm/ kV)	13020mm (31mm/ kV)	7595 mm (31 mm/kV)	9.	Minimum Creepage distance for switchyard equipment	24800mm (31mm/ kV)	13020mm (31mm/ kV)	7595 mm (31 mm/kV)
S. No	Description of Parameters			765/400/220 kV South Olpad (GIS) S/s																																																																
		765kV System	400 kV System	220 kV System																																																																
1.	System operating voltage	765kV	400kV	220kV																																																																
--	--	--	--	--																																																																
8.	Minimum creepage distance for insulator string/ long rod insulators/ outdoor bushings	24800mm (31mm/ kV)	13020mm (31mm/ kV)	13020 mm (31 mm/kV)																																																																
9.	Minimum Creepage distance for switchyard equipment	24800mm (31mm/ kV)	13020mm (31mm/ kV)	13020 mm (31 mm/kV)																																																																
S. No	Description of Parameters	765/400/220 kV South Olpad (GIS) S/s																																																																		
		765kV System	400 kV System	220 kV System																																																																
1.	System operating voltage	765kV	400kV	220kV																																																																
--	--	--	--	--																																																																
8.	Minimum creepage distance for insulator string/ long rod insulators/ outdoor bushings	24800mm (31mm/ kV)	13020mm (31mm/ kV)	7595 mm (31 mm/kV)																																																																
9.	Minimum Creepage distance for switchyard equipment	24800mm (31mm/ kV)	13020mm (31mm/ kV)	7595 mm (31 mm/kV)																																																																

Sl. No.	Existing Clause	New/Revised Clause
2	<p>RFP Specific Technical Requirements For Communication Clause C.1.0 (ii)</p> <p>(ii) TSP shall supply, install & commission One or more STM-16 (FOTE) equipment along with panel/s supporting minimum Seven (7) As per the requirement minimum Five (5) shall be sufficient (if Seven needed please provide with necessary details on the same) directions with MSP (Multiplex Section Protection – 1+1). These directions shall exclude protected (1+1) local patching among equipment (if any). Communication Equipment shall be provided with necessary interfaces to meet the voice and data communication requirement among South Olpad (GIS) S/s, Vadodara GIS S/s, Ahmedabad S/s, Gandhar and Hazira S/s. The suitable DC Power Supply and backup to be provided for communication equipment.</p>	<p>RFP Specific Technical Requirements For Communication Clause C.1.0 (ii)</p> <p>(ii) TSP shall supply, install & commission One or more STM-16 (FOTE) equipment along with panel/s supporting minimum Seven (7) directions with MSP (Multiplex Section Protection – 1+1). These directions shall exclude protected (1+1) local patching among equipment (if any). Communication Equipment shall be provided with necessary interfaces to meet the voice and data communication requirement among South Olpad (GIS) S/s, Vadodara GIS S/s, Ahmedabad S/s, Gandhar and Hazira S/s. The suitable DC Power Supply and backup to be provided for communication equipment.</p>
3	<p>All the relevant clauses of RFP, TSA and SPA</p> <p>“SPV [which is under incorporation]”</p>	<p>All the relevant clauses of RFP, TSA and SPA</p> <p>“SPV [which is under incorporation]” in the subject RFP, TSA and SPA may be read as “SOUTH OLPAD TRANSMISSION LIMITED”</p>