

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 D” through tariff based competitive bidding process.

Sl. No.	Existing Clause	New/Revised Clause																																																																				
1	<p>RFP Specific Technical Requirements for Substation Clause no. B.1.1</p> <p>B.1.1 Insulation Coordination 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">765/400/220kV Pune-III (GIS) s/s</th><th>765kV Boisar-II (GIS) Extn.</th></tr><tr><th>765kV System</th><th>400 kV System</th><th>220 kV System</th><th>765 kV System</th></tr><tr><td></td><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><td>765kV</td></tr><tr><td>--</td><td>--</td><td>--</td><td>--</td><td>--</td><td>--</td></tr><tr><td>9.</td><td>Minimum Creepage distance for switchyard equipment</td><td>20000mm (25mm/kV)</td><td>10500mm (25mm/kV)</td><td>6125mm (25mm/kV)</td><td>20000mm (25mm/kV)</td></tr></table>	S. No	Description of Parameters	765/400/220kV Pune-III (GIS) s/s			765kV Boisar-II (GIS) Extn.	765kV System	400 kV System	220 kV System	765 kV System							1.	System operating voltage	765kV	400kV	220kV	765kV	--	--	--	--	--	--	9.	Minimum Creepage distance for switchyard equipment	20000mm (25mm/kV)	10500mm (25mm/kV)	6125mm (25mm/kV)	20000mm (25mm/kV)	<p>RFP Specific Technical Requirements for Substation Clause no. B.1.1</p> <p>B.1.1 Insulation Coordination 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">765/400/220kV Pune-III (GIS) s/s</th><th>765kV Boisar-II (GIS) Extn.</th></tr><tr><th>765kV System</th><th>400 kV System</th><th>220 kV System</th><th>765 kV System</th></tr><tr><td></td><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><td>765kV</td></tr><tr><td>--</td><td>--</td><td>--</td><td>--</td><td>--</td><td>--</td></tr><tr><td>9.</td><td>Minimum Creepage distance for switchyard equipment</td><td>20000mm (25mm/kV)</td><td>10500mm (25mm/kV)</td><td>6125mm (25mm/kV)</td><td>24800mm (31mm/kV)</td></tr></table>	S. No	Description of Parameters	765/400/220kV Pune-III (GIS) s/s			765kV Boisar-II (GIS) Extn.	765kV System	400 kV System	220 kV System	765 kV System							1.	System operating voltage	765kV	400kV	220kV	765kV	--	--	--	--	--	--	9.	Minimum Creepage distance for switchyard equipment	20000mm (25mm/kV)	10500mm (25mm/kV)	6125mm (25mm/kV)	24800mm (31mm/kV)
S. No	Description of Parameters			765/400/220kV Pune-III (GIS) s/s			765kV Boisar-II (GIS) Extn.																																																															
		765kV System	400 kV System	220 kV System	765 kV System																																																																	
1.	System operating voltage	765kV	400kV	220kV	765kV																																																																	
--	--	--	--	--	--																																																																	
9.	Minimum Creepage distance for switchyard equipment	20000mm (25mm/kV)	10500mm (25mm/kV)	6125mm (25mm/kV)	20000mm (25mm/kV)																																																																	
S. No	Description of Parameters	765/400/220kV Pune-III (GIS) s/s			765kV Boisar-II (GIS) Extn.																																																																	
		765kV System	400 kV System	220 kV System	765 kV System																																																																	
1.	System operating voltage	765kV	400kV	220kV	765kV																																																																	
--	--	--	--	--	--																																																																	
9.	Minimum Creepage distance for switchyard equipment	20000mm (25mm/kV)	10500mm (25mm/kV)	6125mm (25mm/kV)	24800mm (31mm/kV)																																																																	

Sl. No.	Existing Clause	New/Revised Clause
2.	<p>RFP Specific Technical Requirements For Communication</p> <p>The communication requirement shall be in accordance to CEA (Technical Standards for Communication System in Power System Operations) ----- -----</p> <p>The complete ISTS communication system commissioned by TSP under the RFP -----</p> <p>The protections for transmission line and the line compensating equipment -----</p>	<p>RFP Specific Technical Requirements For Communication</p> <p>The communication requirement shall be in accordance to CEA (Technical Standards for Communication System in Power System Operations) ----- -----</p> <p>The complete ISTS communication system commissioned by TSP under the RFP -----</p> <p>The communication services viz. SCADA, VoIP, PMU, AGC and AMR (wherever applicable) have been identified as critical services and therefore shall be provisioned with 2+2 redundancy i.e. 2 channels for Main Control Centre and 2 channels for Backup Control Centre. In order to meet this requirement, suitable redundancy at port and card level need to be ensured by the TSP to avoid any single point of failure which may lead to interruption in real-time grid operation.</p> <p>PMU to PDC communication (wherever required) shall be through 2 channels to the PDC (main) as there is no backup PDC at present.</p> <p>Accordingly, all the hardware for communication services of station as stated above shall support dual redundancy for data transmission of station to respective main and backup RLDCs.</p> <p>The protections for transmission line and the line compensating 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 “PUNE- III TRANSMISSION LIMITED”</p>