

Amendment -XXXV dated 24.11.2023 on the Request for Proposal Document and Transmission Service Agreement issued for selection of bidder as Transmission Service Provider to establish “Transmission system for evacuation of power from REZ in Rajasthan (20GW) under Phase-III Part D-Phase I” through tariff based competitive bidding process

Sl. No.	Clause No.	Existing Clause				New/Revised Clause			
1.	Specific technical requirement of s/s of RfP Clause No. B.5	B.5 EXTENSION OF EXISTING SUBSTATION				B.5 EXTENSION OF EXISTING SUBSTATION			
		Sl. No.	Drawing Title	Drawing No./Details	Rev. No.	Sl. No.	Drawing Title	Drawing No./Details	Rev. No.
		A.	765kV Sikar-II (AIS) S/S			A.	765kV Sikar-II (AIS) S/S		
		1.0	Single Line Diagram	Yet to be finalized by the developer. The same may be availed from the developer on finalization.		1.0	Single Line Diagram	<u>C/ENGG/NR-I/765-400kV/SIKAR-II/SLD/01</u>	<u>R-0</u>
		2.0	General Arrangement			2.0	General Arrangement	Yet to be finalized by the developer. The same may be availed from the developer on finalization.	
		3.0	Earthmat Layout			3.0	Earthmat Layout		
		4.0	Visual Monitoring System			4.0	Visual Monitoring System		
		5.0	Bus Bar Protection (400kV System)			5.0	Bus Bar Protection (400kV System)		
		6.0	Substation Automation System (SAS)			6.0	Substation Automation System (SAS)		

Sl. No.	Drawing Title	Drawing No./Details	Rev. No.
B.	765kV Khetri (AIS) S/S		
1.0	Single Line Diagram	<u>3VIN190686T1001</u>	--
2.0	General Arrangement	TB201902-1001057-SS3150- ELECT-LAYOUT	Rev-03
3.0	Earthmat Layout	TB201902-1001057-SS3150- EMAT-LAYOUT	Rev-02
4.0	Visual Monitoring System	Not Available	--
5.0	Bus Bar Protection (765kV System)	Make: ABB Model: REB 670 (Centralised)	--
6.0	Substation Automation System (SAS)	TB201902-1001057-SS3150-SAS	Rev-00

Sl. No.	Drawing Title	Drawing No./Details	Rev. No.
B.	765kV Khetri (AIS) S/S		
1.0	Single Line Diagram	<u>C/ENGG/TBCB/KHE TRI/765Kv/EXTN/P H-III/01</u>	<u>R0</u>
2.0	General Arrangement	TB201902-1001057-SS3150- ELECT-LAYOUT	Rev-03
3.0	Earthmat Layout	TB201902-1001057-SS3150- EMAT-LAYOUT	Rev-02
4.0	Visual Monitoring System	Not Available	--
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6.0	Substation Automation System (SAS)	TB201902-1001057-SS3150-SAS	Rev-00

Sl. No.	Drawing Title	Drawing No./Details	Rev. No.
B.	765kV Narela (GIS) S/S		
1.0	Single Line Diagram	Yet to be finalized by the developer. The same may be availed from the developer on finalization.	
2.0	General Arrangement		
3.0	Earthmat Layout		
4.0	Visual Monitoring System		
5.0	Bus Bar Protection (400kV System)		
6.0	Substation Automation System (SAS)		

Sl. No.	Drawing Title	Drawing No./Details	Rev. No.
B.	765kV Narela (GIS) S/S		
1.0	Single Line Diagram	<u>C/ENGG-SS/NR-I/NARELA/SLD/01</u>	<u>R0</u>
2.0	General Arrangement	<u>C/ENGG-SS/NR-I/NARELA/GA/01</u>	<u>R0</u>
3.0	Earthmat Layout	Yet to be finalized by the developer. The same may be availed from the developer on finalization.	
4.0	Visual Monitoring System		
5.0	Bus Bar Protection (400kV System)		
6.0	Substation Automation System (SAS)		

2.	Specific technical requirement of s/s of RfP Clause No. B.1.1	<p>B.1.1 Insulation Coordination</p> <p>The system design parameters for substations/switchyards shall be as given below:</p> <table border="1" data-bbox="533 310 1199 967"> <thead> <tr> <th data-bbox="533 310 596 493">Sl No</th> <th data-bbox="596 310 911 493">Description of parameters</th> <th data-bbox="911 310 1199 493">Extn. of 765kV Narela (GIS) S/s</th> </tr> </thead> <tbody> <tr> <td data-bbox="533 493 596 578">7.</td> <td data-bbox="596 493 911 578">.....</td> <td data-bbox="911 493 1199 578">765 kV System</td> </tr> <tr> <td data-bbox="533 578 596 794">8.</td> <td data-bbox="596 578 911 794">Minimum creepage distance for insulator string/ longrod insulators/ outdoor bushings</td> <td data-bbox="911 578 1199 794">24800 mm (31mm/kV)</td> </tr> <tr> <td data-bbox="533 794 596 967">9.</td> <td data-bbox="596 794 911 967">Minimum creepage distance for switchyard equipment</td> <td data-bbox="911 794 1199 967"><u>24800 mm (31mm/kV)</u></td> </tr> </tbody> </table>	Sl No	Description of parameters	Extn. of 765kV Narela (GIS) S/s	7.	765 kV System	8.	Minimum creepage distance for insulator string/ longrod insulators/ outdoor bushings	24800 mm (31mm/kV)	9.	Minimum creepage distance for switchyard equipment	<u>24800 mm (31mm/kV)</u>	<p>B.1.1 Insulation Coordination</p> <p>The system design parameters for substations/switchyards shall be as given below:</p> <table border="1" data-bbox="1262 310 2028 911"> <thead> <tr> <th data-bbox="1262 310 1325 493">Sl No</th> <th data-bbox="1325 310 1696 493">Description of parameters</th> <th data-bbox="1696 310 2028 493">Extn. of 765kV Narela (GIS) S/s</th> </tr> </thead> <tbody> <tr> <td data-bbox="1262 493 1325 578">7.</td> <td data-bbox="1325 493 1696 578">.....</td> <td data-bbox="1696 493 2028 578">765 kV System</td> </tr> <tr> <td data-bbox="1262 578 1325 794">8.</td> <td data-bbox="1325 578 1696 794">Minimum creepage distance for insulator string/ longrod insulators/ outdoor bushings</td> <td data-bbox="1696 578 2028 794">24800 mm (31mm/kV)</td> </tr> <tr> <td data-bbox="1262 794 1325 911">9.</td> <td data-bbox="1325 794 1696 911">Minimum creepage distance for switchyard equipment</td> <td data-bbox="1696 794 2028 911"><u>20000 mm (25mm/kV)</u></td> </tr> </tbody> </table>	Sl No	Description of parameters	Extn. of 765kV Narela (GIS) S/s	7.	765 kV System	8.	Minimum creepage distance for insulator string/ longrod insulators/ outdoor bushings	24800 mm (31mm/kV)	9.	Minimum creepage distance for switchyard equipment	<u>20000 mm (25mm/kV)</u>
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