

Amendment –XV dated 09.01.2023 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 C1” through tariff based competitive bidding process

Sl. No.	Clause No.	Existing Provisions			New / Revised Clause		
1.	RFP & TSA	Scope of the Project			Scope of the Project		
		Sl. No.	Scope of the Transmission Scheme	Scheduled COD in months from Effective Date	Sl. No.	Scope of the Transmission Scheme	Scheduled COD in months from Effective Date
		1	Establishment of 2x1500 MVA, 765/400kV & 2x500 MVA 400/220 kV pooling station at Ramgarh along with 2x240 MVA (765kV) Bus Reactor & 2x125 MVA (420kV) Bus Reactor 765/400kV 1500 MVA ICTs: 2 nos. (7x500 MVA including one spare unit) 765kV ICT bays - 2 nos. 400/220 kV, 500 MVA ICT – 2 nos. 400 kV ICT bays – 4 nos. 220 kV ICT bays - 2 nos. 400 kV line bays - 2 nos. 220 kV line bays: 4 nos. 765kV line bays -2 nos. 240 MVA Bus Reactor-2 nos. (7x80 MVA,	18	1	Establishment of 2x1500 MVA, 765/400kV & 2x500 MVA 400/220 kV pooling station at Ramgarh along with 2x240 MVA (765kV) Bus Reactor & 2x125 MVA (420kV) Bus Reactor, <u>± 2x300MVA STATCOM along with MSC+MSR</u> 765/400kV 1500 MVA ICTs: 2 nos. (7x500 MVA including one spare unit) 765kV ICT bays - 2 nos. 400/220 kV, 500 MVA ICT – 2 nos. 400 kV ICT bays – 4 nos. 220 kV ICT bays - 2 nos. 400 kV line bays - 2 nos. 220 kV line bays: 4 nos. 765kV line bays -2 nos.	18

Sl. No	Clause No.	Existing Provisions		New / Revised Clause	
		<p>including one spare unit) 765kV reactor bay- 2 nos. 125 MVA_r, 420kV bus reactor - 2 nos. 420 kV reactor bay - 2 nos.</p> <p>Future provisions: Space for <u>765/400kV ICTs along with bays: 3 nos.</u> 765kV line bay along with switchable line reactor: 2nos. 765kV Bus Reactor along with bays: 2 nos. <u>400/220 kV ICTs along with bays: 6 nos.</u> 400 kV line bays along with switchable line reactor: 4 nos. 400 kV line bays: 4 nos. 400kV Bus Reactor along with bays: 2 nos. 400kV Sectionalization bay: 3 nos. ** <u>220 kV line bays: 8 nos.</u> 220kV Sectionalization bay: 2 nos. ** Space provision for STATCOM (± 2x300MVA_r, 4x125 MVA_r MSC, 2x125 MVA_r MSR) at Ramgarh S/s</p>		<p>240 MVA_r Bus Reactor-2 nos. (7x80 MVA_r, including one spare unit) 765kV reactor bay- 2 nos. 125 MVA_r, 420kV bus reactor - 2 nos. 420 kV reactor bay - 2 nos. <u>± 2x300MVA_r STATCOM, 4x125 MVA_r MSC, 2x125 MVA_r MSR</u></p> <p>Future provisions: Space for <u>765/400kV ICTs along with bays: 5 nos.</u> 765kV line bay along with switchable line reactor: 2nos. 765kV Bus Reactor along with bays: 2 nos. <u>400/220 kV ICTs along with bays: 8 nos.</u> 400 kV line bays along with switchable line reactor: 4 nos. 400 kV line bays: 4 nos. 400kV Bus Reactor along with bays: 2 nos. 400kV Sectionalization bay: 3 nos. ** <u>220 kV line bays: 11 nos.</u> 220kV Sectionalization bay: 2 nos. **</p>	
	2	<p>Ramgarh PS – Bhadla-3 PS 765kV D/c line along with 240 MVA_r Switchable line reactor at each circuit at Ramgarh end of Ramgarh PS – Bhadla-3 PS 765kV D/c line</p> <p>765 kV, 240 MVA_r Switchable line reactor-2 Switching equipment for 765kV 240 MVA_r</p>		2	<p>Ramgarh PS – Bhadla-3 PS 765kV D/c line along with 240 MVA_r Switchable line reactor at each circuit at Ramgarh end of Ramgarh PS – Bhadla-3 PS 765kV D/c line</p> <p>765 kV, 240 MVA_r Switchable line reactor-2</p>

Sl. No.	Clause No.	Existing Provisions		New / Revised Clause	
			switchable line reactor –2		Switching equipment for 765kV 240 MVAR switchable line reactor –2
		3	765kV line bays at Bhadla-3 PS	3	765kV line bays at Bhadla-3 PS
			765 kV line bays - 2nos		765 kV line bays - 2nos
		<p>** Bus Sectionalization bay shall comprise of bus sectionalization of both Main Bus-I & Main Bus-II.</p> <p>Notes:</p> <p>(i) Provision of suitable sectionalization shall be kept at Ramgarh at 400kV & 220kV level to limit short circuit level.</p> <p>(ii) Developer of Bhadla-3 S/s to provide space for 2 nos. of 765 kV line bays at Bhadla-3 S/s for termination of Ramgarh PS – Bhadla-3 PS 765kV D/c line.</p>		<p>** Bus Sectionalization bay shall comprise of bus sectionalization of both Main Bus-I & Main Bus-II.</p> <p>Notes:</p> <p>(i) Provision of suitable sectionalization shall be kept at Ramgarh at 400kV & 220kV level to limit short circuit level.</p> <p>(ii) Developer of Bhadla-3 S/s to provide space for 2 nos. of 765 kV line bays at Bhadla-3 S/s for termination of Ramgarh PS – Bhadla-3 PS 765kV D/c line.</p> <p><u>(iii) Implementation schedule of Phase-III-Part C1 package is to match with package Phase III –Part B1 (establishment of Badhla-3 PS 765kV Bhadla-3 PS-Sikar-2 D/c line, 400 kV Bhadla-3 PS-Fathergarh-2 D/c line)</u></p>	