

Amendment-X dated 21.09.2022 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

Sr. No.	Clause No.	Existing Provision			New / Revised Clause		
1	RFP & TSA	Scope of the Project			Scope of the Project		
		Sl. No.	Scope of the Transmission Scheme	Schedul ed COD in months from Effective Date	Sl. No.	Scope of the Transmission Scheme	Schedul ed 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, including one spare unit)	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 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, including one spare unit)	18

		<p>765kV reactor bay- 2 nos. 125 MVAR, 420kV bus reactor - 2 nos. 420 kV reactor bay - 2 nos.</p> <p>Future provisions: Space for 765/400kV ICTs along with bays: 3 nos. 765kV line bay along with switchable line reactor: 2nos. 765kV Bus Reactor along with bays: 2 nos. 400/220 kV ICTs along with bays: 6 nos. 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. ** 220 kV line bays: 8 nos. 220kV Sectionalization bay: 2 nos. **</p>			<p>765kV reactor bay- 2 nos. 125 MVAR, 420kV bus reactor - 2 nos. 420 kV reactor bay - 2 nos.</p> <p>Future provisions: Space for 765/400kV ICTs along with bays: 3 nos. 765kV line bay along with switchable line reactor: 2nos. 765kV Bus Reactor along with bays: 2 nos. 400/220 kV ICTs along with bays: 6 nos. 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. ** 220 kV line bays: 8 nos. 220kV Sectionalization bay: 2 nos. **</p> <p><u>Space provision for STATCOM (\pm 2x300MVAR, 4x125 MVAR MSC, 2x125 MVAR MSR) at Ramgarh S/s</u></p>
	2	<p>Ramgarh PS – Bhadla-3 PS 765kV D/c line along with 240 MVAR Switchable line reactor at each circuit at Ramgarh end of Ramgarh PS – Bhadla-3 PS 765kV D/c line</p> <p>765 kV, 240 MVAR Switchable line reactor-2 Switching equipment for 765kV 240 MVAR switchable line reactor –2</p>		2	<p>Ramgarh PS – Bhadla-3 PS 765kV D/c line along with 240 MVAR Switchable line reactor at each circuit at Ramgarh end of Ramgarh PS – Bhadla-3 PS 765kV D/c line</p> <p>765 kV, 240 MVAR Switchable line reactor-2 Switching equipment for 765kV 240 MVAR switchable line reactor –2</p>
	3	<p>765kV line bays at Bhadla-3 PS</p> <p>765 kV line bays - 2nos</p>		3	<p>765kV line bays at Bhadla-3 PS</p> <p>765 kV line bays - 2nos</p>
	<p>** Bus Sectionalization bay shall comprise of bus sectionalization of both Main Bus-I & Main Bus-II.</p> <p>Notes:</p>			<p>** Bus Sectionalization bay shall comprise of bus sectionalization</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>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>
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