

Amendment –XIX dated 03.04.2023 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 MVar (765kV) Bus Reactor & 2x125 MVar (420kV) Bus Reactor, ± 2x300MVar STATCOM along with MSC+MSR 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. <u>400 kV line bays - 2 nos.</u> <u>220 kV line bays: 4 nos.</u> 765kV line bays -2 nos.	18	1	Establishment of 2x1500 MVA, 765/400kV & 2x500 MVA 400/220 kV pooling station at Ramgarh along with 2x240 MVar (765kV) Bus Reactor & 2x125 MVar (420kV) Bus Reactor, ± 2x300MVar STATCOM along with MSC+MSR 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. <u>400 kV line bays - 1 no.</u> <u>220 kV line bays: 2 nos.</u> 765kV line bays -2 nos.	18

Sl. No.	Clause No.	Existing Provisions		New / Revised Clause	
			<p>240 MVAR Bus Reactor-2 nos. (7x80 MVAR, including one spare unit) 765kV reactor bay- 2 nos. 125 MVAR, 420kV bus reactor - 2 nos. 420 kV reactor bay - 2 nos. 400kV Sectionalization bay: 1 set ± 2x300MVAR STATCOM, 4x125 MVAR MSC, 2x125 MVAR MSR along with 2 nos. of 400 kV bays</p> <p>Future provisions: Space for 765/400kV ICTs along with bays: 5 nos. 765kV line bay along with switchable line reactor: 2 nos. 765kV Bus Reactor along with bays: 2 nos. 400/220 kV ICTs along with bays: 8 nos. 400 kV line bays along with switchable line reactor: 4 nos. <u>400 kV line bays: 2 nos.</u> 400kV Bus Reactor along with bays: 2 nos. 400kV Sectionalization bay: 2 sets. ** <u>220 kV line bays: 11 nos.</u> 220kV Sectionalization bay: 2 nos. **</p>		<p>240 MVAR Bus Reactor-2 nos. (7x80 MVAR, including one spare unit) 765kV reactor bay- 2 nos. 125 MVAR, 420kV bus reactor - 2 nos. 420 kV reactor bay - 2 nos. 400kV Sectionalization bay: 1 set ± 2x300MVAR STATCOM, 4x125 MVAR MSC, 2x125 MVAR MSR along with 2 nos. of 400 kV bays</p> <p>Future provisions: Space for 765/400kV ICTs along with bays: 5 nos. 765kV line bay along with switchable line reactor: 2 nos. 765kV Bus Reactor along with bays: 2 nos. 400/220 kV ICTs along with bays: 8 nos. 400 kV line bays along with switchable line reactor: 4 nos. <u>400 kV line bays: 3 nos.</u> 400kV Bus Reactor along with bays: 2 nos. 400kV Sectionalization bay: 2 sets. ** <u>220 kV line bays: 13 nos.</u> 220kV Sectionalization bay: 2 nos. **</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</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</p>

Sl. No.	Clause No.	Existing Provisions	New / Revised Clause												
		<table border="1"> <tr> <td></td> <td>Switching equipment for 765kV 240 MVAR switchable line reactor –2</td> </tr> <tr> <td>3</td> <td>765kV line bays at Bhadla-3 PS</td> </tr> <tr> <td></td> <td>765 kV line bays - 2nos</td> </tr> </table> <p><i>** Bus Sectionalization bay shall comprise of bus sectionalization of both Main Bus-I & Main Bus-II.</i></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>(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).</p> <p>±300 MVAR STATCOM should be placed in each 400 kV bus section of Ramgarh PS.</p>		Switching equipment for 765kV 240 MVAR switchable line reactor –2	3	765kV line bays at Bhadla-3 PS		765 kV line bays - 2nos	<table border="1"> <tr> <td></td> <td>Switching equipment for 765kV 240 MVAR switchable line reactor –2</td> </tr> <tr> <td>3</td> <td>765kV line bays at Bhadla-3 PS</td> </tr> <tr> <td></td> <td>765 kV line bays - 2nos</td> </tr> </table> <p><i>** Bus Sectionalization bay shall comprise of bus sectionalization of both Main Bus-I & Main Bus-II.</i></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>(iv) 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).</p> <p>±300 MVAR STATCOM should be placed in each 400 kV bus section of Ramgarh PS.</p>		Switching equipment for 765kV 240 MVAR switchable line reactor –2	3	765kV line bays at Bhadla-3 PS		765 kV line bays - 2nos
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2.	2.7.1 of RFP	The Bidders should submit the Bids online through the electronic bidding platform before the Bid Deadline i.e. on or before 1500 hours (IST) on 03.04.2023 . In addition to the online submission, the Bidder with lowest Final Offer will be required to submit original hard copies of Annexure 3, Annexure 4 (if applicable), Annexure 6 (if applicable) and Annexure 14 before issuance of Lol	The Bidders should submit the Bids online through the electronic bidding platform before the Bid Deadline i.e. on or before 1500 hours (IST) on 24.04.2023 . In addition to the online submission, the Bidder with lowest Final Offer will be required to submit original hard copies of Annexure 3, Annexure 4 (if applicable), Annexure 6 (if applicable) and Annexure 14 before issuance of Lol												
3.	2.7.2 of RFP	Important timelines are mentioned below:	Important timelines are mentioned below:												

Sl. No.	Clause No.	Existing Provisions		New / Revised Clause	
		Date	Event	Date	Event
		20.03.2023	Issue of final RFP Project Documents	10.04.2023	Issue of final RFP Project Documents
		03.04.2023	Submission of Bid (Online submission of Bid through electronic bidding portal)	24.04.2023	Submission of Bid (Online submission of Bid through electronic bidding portal)
		03.04.2023	Opening of Technical Bid	24.04.2023	Opening of Technical Bid
		11.04.2023	Shortlisting and announcement of Qualified Bidders on bidding portal	02.05.2023	Shortlisting and announcement of Qualified Bidders on bidding portal
		12.04.2023	Opening of Financial Bid - Initial Offer	03.05.2023	Opening of Financial Bid - Initial Offer
		13.04.2023	Electronic reverse auction (Financial Bid – Final Offer) for the Qualified Bidders.	04.05.2023	Electronic reverse auction (Financial Bid – Final Offer) for the Qualified Bidders.
		18.04.2023	Submission of original hard copies of Annexure 3, Annexure 4, Annexure 6, as applicable and Annexure 14 by the bidder with lowest Final Offer	10.05.2023	Submission of original hard copies of Annexure 3, Annexure 4, Annexure 6, as applicable and Annexure 14 by the bidder with lowest Final Offer
		21.04.2023	Selection of Successful Bidder and issue of LOI	12.05.2023	Selection of Successful Bidder and issue of LOI
		01.05.2023	Signing of RFP Project Documents and transfer of Ramgarh II Transmission Limited	22.05.2023	Signing of RFP Project Documents and transfer of Ramgarh II Transmission Limited
4.	2.13.1 of RFP Opening of Envelope (Technical Bid): 1530 hours (IST) on <u>03.04.2023</u> Opening of Initial Offer: Initial Offer shall be opened by the Bid Opening Committee in presence of the Bid Evaluation Committee at 1530 hours (IST) on <u>12.04.2023</u> in the office of CEA. Opening of Envelope (Technical Bid): 1530 hours (IST) on <u>24.04.2023</u> Opening of Initial Offer: Initial Offer shall be opened by the Bid Opening Committee in presence of the Bid Evaluation Committee at 1530 hours (IST) on <u>03.05.2023</u> in the office of CEA.		