

Amendment – X dated 24.08.2020 on the Request for Proposal and Transmission Service Agreement issued for selection of bidder as Transmission Service Provider to establish “Transmission System Strengthening Scheme for Evacuation of power from Solar Energy Zones in Rajasthan (8.1 GW) under Phase II (Part C)” through tariff based competitive bidding process

Sl. No.	Clause No.	Existing Clause		New / Revised Clause		
1.	Scope of Work	S.No	Transmission System for Transmission Scheme for Solar Transmission System for Transmission System Strengthening scheme for evacuation of power from solar energy zones in Rajasthan (8.1 GW) under Phase II (Part C)	S.No	Transmission System for Transmission Scheme for Solar Transmission System for Transmission System Strengthening scheme for evacuation of power from solar energy zones in Rajasthan (8.1 GW) under Phase II (Part C)	
			Name of Transmission Element	Scheduled COD in months from Effective Date	Name of Transmission Element	Scheduled COD in months from Effective Date
		1.	Establishment of 765/400 kV, 2x1500 MVA at Sikar – II with 400kV (1x125 MVAR) and 765 kV (2x330 MVAR) bus reactor. 765/400 kV, 1500 MVA ICT – 2 765/400 kV, 500 MVA spare single phase ICT-1 765 kV ICT bays – 2 400 kV ICT bays – 2 765 kV line bays –2 400 kV line bays- 2 125 MVAR, 420 kV bus reactor-1 420 kV reactor bay –1 330 MVAR, 765 kV bus reactor- 2(6x110 MVAR) 765 kV reactor bay- 2 110 MVAR, 765 kV, 1 ph Reactor (spare unit) -1 (common spare unit for banks	18 months	Establishment of 765/400 kV, 2x1500 MVA at Sikar – II with 400kV (1x125 MVAR) and 765 kV (2x330 MVAR) bus reactor. 765/400 kV, 1500 MVA ICT – 2 765/400 kV, 500 MVA spare single phase ICT-1 765 kV ICT bays – 2 400 kV ICT bays – 2 765 kV line bays –2 400 kV line bays- 2 125 MVAR, 420 kV bus reactor-1 420 kV reactor bay –1 330 MVAR, 765 kV bus reactor- 2(6x110 MVAR) 765 kV reactor bay- 2 110 MVAR, 765 kV, 1 ph Reactor (spare unit) -1 (common spare unit for banks	18 months

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		of Bus Reactor & Line Reactor) Future Provision Space for- 765/400kV ICT along with bays-2 765kV line bays along with switchable line reactors- 10 400kV line bays along with switchable line reactor- 6 400/220kV ICT along with bays- 4 220kV bays- 8 400kV bus reactor- 2	of Bus Reactor & Line Reactor) Future Provision Space for- 765/400kV ICT along with bays-2 765kV line bays along with switchable line reactors- 10 400kV line bays along with switchable line reactor- 6 400/220kV ICT along with bays- 4 220kV bays- 8 400kV bus reactor- 2
	2.	Bhadla-II PS – Sikar-II 765kV D/c line	2. Bhadla-II PS – Sikar-II 765kV D/c line
	3.	2 no. of 765 kV line bays at Bhadla- II for Bhadla-II PS – Sikar-II 765kV D/c line -765 kV line bays -2	3. 2 no. of 765 kV line bays at Bhadla- II for Bhadla-II PS – Sikar-II 765kV D/c line -765 kV line bays -2
	4.	1x330 MVAR switchable line reactor for each circuit at Sikar-II end of Bhadla-II PS – Sikar-II 765kV D/c line. -330MVAR, 765 kV reactor- 2 -Switching equipment for 765 kV reactor – 2	4. 1x330 MVAR switchable line reactor for each circuit at Sikar-II end of Bhadla-II PS – Sikar-II 765kV D/c line. -330MVAR, 765 kV reactor- 2 -Switching equipment for 765 kV reactor – 2
	5.	1x240MVAR switchable line reactor for each circuit at Bhadla-II end of Bhadla-II PS – Sikar-II 765kV D/c line -240 MVAR, 765 kV reactor-2 -Switching equipment for 765 kV reactor - 2	5. 1x240MVAR switchable line reactor for each circuit at Bhadla-II end of Bhadla-II PS – Sikar-II 765kV D/c line -240 MVAR, 765 kV reactor-2 -Switching equipment for 765 kV reactor - 2
	6.	Sikar-II – Neemrana 400kV D/c line (Twin HTLS*)	6. Sikar-II – Neemrana 400kV D/c line (Twin HTLS*)
	7.	2 no. of 400 kV line bays at Neemrana for Sikar-II – Neemrana 400kV D/c line (Twin HTLS*) – 400 kV line bays - 2	7. 2 no. of 400 kV line bays at Neemrana for Sikar-II – Neemrana 400kV D/c line (Twin HTLS*) – 400 kV line bays - 2
		*with minimum capacity of 2100 MVA on each circuit at nominal	*with minimum capacity of 2100 MVA on each circuit at nominal

Sl. No.	Clause No.	Existing Clause	New / Revised Clause
		<p>voltage</p> <p>Note:</p> <p>i. POWERGRID to provide space for 2 no of 765 kV bays at Bhadla-II and space for 2 no of switchable line reactors at Bhadla-II substation.</p> <p>ii. POWERGRID to provide space for 2 no of 400 kV bays at Neemrana.</p> <p>iii. TSP shall install the Line reactors bank such that same shall be suitable for 1-ph unit switching whenever the separate spare 1-ph unit is provided in future. All the switching 1-ph isolators, circuit breakers suitable for 1-ph switching , 765kV and neutral Auxiliary buses and other associated equipment & scheme shall be provided for Line reactor bank under respective scope of work under Ph II Part-B, C and E.</p> <p>iv. The spare unit of 765kV, 1x110 MVAR Reactor being provided at Sikar-II PS under ‘Transmission system strengthening for evacuation of power from solar energy zones in Rajasthan (8.1 GW) under Phase II –Part C’ shall be utilized as common spare for 6x110 MVAR Switchable Line Reactors to be provided at Sikar-II PS each under ‘Transmission system strengthening for evacuation of power from solar energy zones in Rajasthan (8.1 GW) under Phase II –Part D’ and ‘Transmission system strengthening for evacuation of power from solar energy zones in Rajasthan (8.1 GW) under Phase II –Part E’.</p> <p>v. TSP to keep space provision for 1 no. Transfer Bus coupler bay & 1 no. Bus Coupler bay at 220kV level at Sikar-II S/s.</p>	<p>voltage</p> <p>Note:</p> <p>i. POWERGRID to provide space for 2 no of 765 kV bays at Bhadla-II and space for 2 no of switchable line reactors at Bhadla-II substation.</p> <p>ii. POWERGRID to provide space for 2 no of 400 kV bays at Neemrana.</p> <p>iii. TSP shall install the 765kV Line Reactor banks at Bhadla II PS under each of the schemes (Part-B, Part-C and Part-E) and all the associated equipment required for switching arrangement viz isolators, circuit breakers, 765kV & 145kV (neutral) auxiliary buses etc., so that spare 1-ph unit, whenever provided in future, is able to replace any of the faulty unit without its physical movement. Respective TSP shall provide the equipment/facilities at Bhadla II PS such that only supply & installation of 1x80 MVAR spare unit of Reactor, associated LA, 1-Ph Circuit Breaker and extension of 765kV & 145kV buses will be required for completion of switching arrangement in future.</p> <p>iv. The spare unit of 765kV, 1x110 MVAR Reactor being provided at Sikar-II PS under ‘Transmission system strengthening for evacuation of power from solar energy zones in Rajasthan (8.1 GW) under Phase II –Part C’ shall be utilized as common spare for 6x110 MVAR Switchable Line Reactors to be provided at Sikar-II PS each under ‘Transmission system strengthening for evacuation of power from solar energy zones in Rajasthan (8.1 GW) under Phase II –Part D’ and ‘Transmission system strengthening for evacuation of power from solar energy zones in Rajasthan (8.1 GW) under Phase II –Part E’.</p> <p>v. TSP to keep space provision for 1 no. Transfer Bus coupler</p>

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			bay & 1 no. Bus Coupler bay at 220kV level at Sikar-II S/s.																																				
2.	2.7.1 of RFP	The Bidders should submit the Bids online through the electronic bidding platform before the Bid Deadline and submit the Technical Bids, in one (1) original plus one (1) copy so as to reach the address specified in Clause 2.9.4 by 1200hrs (IST) on 27.08.2020 .	The Bidders should submit the Bids online through the electronic bidding platform before the Bid Deadline and submit the Technical Bids, in one (1) original plus one (1) copy so as to reach the address specified in Clause 2.9.4 by 1200hrs (IST) on 27.10.2020																																				
3.	2.7.2 of RFP	Important timelines are mentioned below: <table border="1" data-bbox="409 576 1171 1156"> <thead> <tr> <th>Date</th> <th>Event</th> </tr> </thead> <tbody> <tr> <td>20.08.2020</td> <td>Issue of final RFP Project Documents</td> </tr> <tr> <td>27.08.2020</td> <td>Submission of Bid (Online submission of Bid through electronic bidding portal and physical submission of Technical Bid))</td> </tr> <tr> <td>27.08.2020</td> <td>Opening of Technical Bid</td> </tr> <tr> <td>04.09.2020</td> <td>Shortlisting and announcement of Qualified Bidders</td> </tr> <tr> <td>07.09.2020</td> <td>Opening of Financial Bid - Initial Offer</td> </tr> <tr> <td>08.09.2020</td> <td>Electronic auction (Financial Bid – Final Offer) for the Qualified Bidders.</td> </tr> <tr> <td>16.09.2020</td> <td>Selection of Successful Bidder and issue of LOI</td> </tr> <tr> <td>28.09.2020</td> <td>Signing of RFP Project Documents and transfer of Sikar New Transmission Ltd.</td> </tr> </tbody> </table>	Date	Event	20.08.2020	Issue of final RFP Project Documents	27.08.2020	Submission of Bid (Online submission of Bid through electronic bidding portal and physical submission of Technical Bid))	27.08.2020	Opening of Technical Bid	04.09.2020	Shortlisting and announcement of Qualified Bidders	07.09.2020	Opening of Financial Bid - Initial Offer	08.09.2020	Electronic auction (Financial Bid – Final Offer) for the Qualified Bidders.	16.09.2020	Selection of Successful Bidder and issue of LOI	28.09.2020	Signing of RFP Project Documents and transfer of Sikar New Transmission Ltd.	Important timelines are mentioned below: <table border="1" data-bbox="1222 576 1984 1156"> <thead> <tr> <th>Date</th> <th>Event</th> </tr> </thead> <tbody> <tr> <td>20.10.2020</td> <td>Issue of final RFP Project Documents</td> </tr> <tr> <td>27.10.2020</td> <td>Submission of Bid (Online submission of Bid through electronic bidding portal and physical submission of Technical Bid))</td> </tr> <tr> <td>27.10.2020</td> <td>Opening of Technical Bid</td> </tr> <tr> <td>04.11.2020</td> <td>Shortlisting and announcement of Qualified Bidders</td> </tr> <tr> <td>05.11.2020</td> <td>Opening of Financial Bid - Initial Offer</td> </tr> <tr> <td>06.11.2020</td> <td>Electronic auction (Financial Bid – Final Offer) for the Qualified Bidders.</td> </tr> <tr> <td>16.11.2020</td> <td>Selection of Successful Bidder and issue of LOI</td> </tr> <tr> <td>26.11.2020</td> <td>Signing of RFP Project Documents and transfer of Sikar New Transmission Ltd.</td> </tr> </tbody> </table>	Date	Event	20.10.2020	Issue of final RFP Project Documents	27.10.2020	Submission of Bid (Online submission of Bid through electronic bidding portal and physical submission of Technical Bid))	27.10.2020	Opening of Technical Bid	04.11.2020	Shortlisting and announcement of Qualified Bidders	05.11.2020	Opening of Financial Bid - Initial Offer	06.11.2020	Electronic auction (Financial Bid – Final Offer) for the Qualified Bidders.	16.11.2020	Selection of Successful Bidder and issue of LOI	26.11.2020	Signing of RFP Project Documents and transfer of Sikar New Transmission Ltd.
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4.	2.8.1 of RFP	The Bidder shall submit the bid which shall remain valid up to 23.02.2021.....	The Bidder shall submit the bid which shall remain valid up to 25.04.2021.....																																				
5.	2.9.2 of RFP Due for opening on 27.08.2020 Due for opening on 27.10.2020																																				
6.	2.13.1 of RFP																																				

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		<p>Opening of Envelope (Technical Bid): 1230 hours (IST) on <u>27.08.2020</u>.</p> <p>Opening of Initial Offer: Initial Offer shall be opened by the Bid Process Coordinator in presence of the Bid Evaluation Committee at 1230 hours (IST) on <u>07.09.2020</u>.</p>	<p>Opening of Envelope (Technical Bid): 1230 hours (IST) on <u>27.10.2020</u>.</p> <p>Opening of Initial Offer: Initial Offer shall be opened by the Bid Process Coordinator in presence of the Bid Evaluation Committee at 1230 hours (IST) on <u>05.11.2020</u></p>
7.	Annexure 23 of RFP	Illustration of the Bid Evaluation/Computation of Levelized Transmission Charges	Revised Excel has been emailed to the mailing address of The Contact Person as provided by you in your Response submitted during RFP stage.