

Amendment –XXVII dated 11.07.2023 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.	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 11.07.2023 . 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 25.07.2023 . 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																																
2.	2.7.2 of RFP	Important timelines are mentioned below: <table border="1" data-bbox="371 722 1196 1276"> <thead> <tr> <th>Date</th> <th>Event</th> </tr> </thead> <tbody> <tr> <td>11.07.2023</td> <td>Submission of Bid (Online submission of Bid through electronic bidding portal)</td> </tr> <tr> <td>11.07.2023</td> <td>Opening of Technical Bid</td> </tr> <tr> <td>19.07.2023</td> <td>Shortlisting and announcement of Qualified Bidders on bidding portal</td> </tr> <tr> <td>20.07.2023</td> <td>Opening of Financial Bid - Initial Offer</td> </tr> <tr> <td>21.07.2023</td> <td>Electronic reverse auction (Financial Bid – Final Offer) for the Qualified Bidders.</td> </tr> <tr> <td>26.07.2023</td> <td>Submission of original hard copies of Annexure 3, Annexure 4, Annexure 6, as applicable and Annexure 14 by the bidder with lowest Final Offer</td> </tr> <tr> <td>31.07.2023</td> <td>Selection of Successful Bidder and issue of LOI</td> </tr> </tbody> </table>	Date	Event	11.07.2023	Submission of Bid (Online submission of Bid through electronic bidding portal)	11.07.2023	Opening of Technical Bid	19.07.2023	Shortlisting and announcement of Qualified Bidders on bidding portal	20.07.2023	Opening of Financial Bid - Initial Offer	21.07.2023	Electronic reverse auction (Financial Bid – Final Offer) for the Qualified Bidders.	26.07.2023	Submission of original hard copies of Annexure 3, Annexure 4, Annexure 6, as applicable and Annexure 14 by the bidder with lowest Final Offer	31.07.2023	Selection of Successful Bidder and issue of LOI	Important timelines are mentioned below: <table border="1" data-bbox="1290 722 2114 1276"> <thead> <tr> <th>Date</th> <th>Event</th> </tr> </thead> <tbody> <tr> <td>25.07.2023</td> <td>Submission of Bid (Online submission of Bid through electronic bidding portal)</td> </tr> <tr> <td>25.07.2023</td> <td>Opening of Technical Bid</td> </tr> <tr> <td>02.08.2023</td> <td>Shortlisting and announcement of Qualified Bidders on bidding portal</td> </tr> <tr> <td>03.08.2023</td> <td>Opening of Financial Bid - Initial Offer</td> </tr> <tr> <td>04.08.2023</td> <td>Electronic reverse auction (Financial Bid – Final Offer) for the Qualified Bidders.</td> </tr> <tr> <td>09.08.2023</td> <td>Submission of original hard copies of Annexure 3, Annexure 4, Annexure 6, as applicable and Annexure 14 by the bidder with lowest Final Offer</td> </tr> <tr> <td>14.08.2023</td> <td>Selection of Successful Bidder and issue of LOI</td> </tr> </tbody> </table>	Date	Event	25.07.2023	Submission of Bid (Online submission of Bid through electronic bidding portal)	25.07.2023	Opening of Technical Bid	02.08.2023	Shortlisting and announcement of Qualified Bidders on bidding portal	03.08.2023	Opening of Financial Bid - Initial Offer	04.08.2023	Electronic reverse auction (Financial Bid – Final Offer) for the Qualified Bidders.	09.08.2023	Submission of original hard copies of Annexure 3, Annexure 4, Annexure 6, as applicable and Annexure 14 by the bidder with lowest Final Offer	14.08.2023	Selection of Successful Bidder and issue of LOI
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.		10.08.2023	Signing of RFP Project Documents and transfer of Ramgarh II Transmission Limited			24.08.2023	Signing of RFP Project Documents and transfer of Ramgarh II Transmission Limited		
3.	2.13.1 of RFP Opening of Envelope (Technical Bid): 1530 hours (IST) on <u>11.07.2023</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>20.07.2023</u> in the office of CEA.			 Opening of Envelope (Technical Bid): 1530 hours (IST) on <u>25.07.2023</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>03.08.2023</u> in the office of CEA.			
4.	Clause 5 of specific technical specification of STATCOM of RfP	5. Power System Characteristic				5. Power System Characteristic			
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		19	1) Maximum three-phase fault current a) for performance requirements b) for rating of STATCOM <u>2) X/R (Positive/Negative Seq)</u> <u>3) X/R (Zero Seq)</u> 4) Clearing time – normal 5) Clearing time – backup	1 a) 63 1 b) 63 <u>2) 33.9</u> <u>3) 8.9</u> 4) 0.10 5) 0.75	kA kA for1s s s	19	1) Maximum three-phase fault current a) for performance requirements b) for rating of STATCOM <u>2) X/R (Positive/Negative Seq) *</u> <u>3) X/R (Zero Seq) *</u> 4) Clearing time – normal 5) Clearing time – backup	1 a) 63 1 b) 63 <u>2) 34.5</u> <u>3) 8.9</u> 4) 0.10 5) 0.75	kA kA for1s s s
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5.	<p>Clause 8.1.6. of specific technical specification of STATCOM of RfP.</p> <p>8.1.6. Tests on STATCOM Unit Valve: All applicable tests i.e. Operational Type Tests (except Short-circuit test), Dielectric Type Tests & Test for valve insensitivity to electromagnetic disturbance shall be done as per latest edition of IEC 62927. <u>Partial Discharge test shall be done during routine test of each sub module without DC Capacitor in addition to other routine/production tests specified in IEC 62927.</u></p>	<p>8.1.6. Tests on STATCOM Unit Valve: All applicable tests i.e. Operational Type Tests, Dielectric Type Tests, Test for valve insensitivity to electromagnetic disturbance & <u>Production tests</u> shall be done as per latest edition of IEC 62927.</p>																																																

6.	<p>Clause C.3.0 (vi) of specific technical requirements for communication</p>	<p>(vi) TSP shall supply, install & commission required no. of Phasor Measurement Units (PMUs) for all 400kV and above voltage line bays (under the scope of this project) at Bhadla-3 s/s and PMUs shall support latest IEEE C-37.118 protocols. These PMUs shall be provided with GPS clock and LAN switch and shall connect with LAN switch of control room with Fibre Optic cable. These PMUs shall be integrated with the existing PDC (Phasor Data Concentrator) located at respective RLDC. Configuration work in existing PDC at RLDC for new PMU integration is not in scope of TSP (shall be done by respective RLDC), however all the necessary support in this regard shall be ensured by TSP. TSP shall provide separate WAMS (PMU, switches etc.) required for extended bays at Bhadla-3 s/s</p>	<p>(vi) (TSP shall supply, install & commission required no. of Phasor Measurement Units (PMUs) for all 400kV and above voltage line <u>including STATCOM</u> bays (under the scope of this project) at Bhadla-3 s/s and PMUs shall support latest IEEE C-37.118 protocols. These PMUs shall be provided with GPS clock and LAN switch and shall connect with LAN switch of control room with Fibre Optic cable. These PMUs shall be integrated with the existing PDC (Phasor Data Concentrator) located at respective RLDC. Configuration work in existing PDC at RLDC for new PMU integration is not in scope of TSP (shall be done by respective RLDC), however all the necessary support in this regard shall be ensured by TSP. TSP shall provide separate WAMS (PMU, switches etc.) required for extended bays at Bhadla-3 s/s</p>
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