Amendment – XVII dated 04.03.2024 on the Request for Proposal Document and Transmission Service Agreement issued for selection of bidder as Transmission Service Provider to establish "Transmission Scheme for North Eastern Region Expansion Scheme-XVI (NERES-XVI)" through tariff based competitive bidding process.

<table>
<tr><th>Sl. No.</th><th>Clause No.</th><th>Existing Provisions</th><th>New / Revised Provisions</th></tr>
<tr><td>1.</td><td>Clause B.1.1 (Insulation Coordination) of RFP & TSA</td><td>
B.1.1 Insulation Coordination
……
<table>
<tr><th>Sl. No</th><th>Description of parameters</th><th colspan="3">400/220/132kV Gogamukh substation</th></tr>
<tr><th></th><th></th><th>400 kV System</th><th>220 kV System</th><th>132 kV System</th></tr>
<tr><td>1.</td><td>System operating voltage</td><td>400kV</td><td>220kV</td><td>132kV</td></tr>
<tr><td>2.</td><td>Maximum voltage of the system (rms)</td><td>420kV</td><td>245kV</td><td>145kV</td></tr>
<tr><td>3.</td><td>Rated frequency</td><td>50Hz</td><td>50Hz</td><td>50Hz</td></tr>
<tr><td>4.</td><td>No. of phase</td><td>3</td><td>3</td><td>3</td></tr>
<tr><td>5.</td><td>Rated Insulation levels</td><td></td><td></td><td></td></tr>
<tr><td>i)</td><td>se withstand voltagefor (1.2/50 micro sec.)
- for Equipment other than Transformer & Reactor
- for Insulator String</td><td>
1425kVp
1550kVp</td><td>
1050kVp
1050kVp</td><td>
650 kVp
650 kVp</td></tr>
<tr><td>ii)</td><td>ing impulse withstand voltage (250/2500 micro sec.) dry and wet</td><td>1050kVp</td><td>-</td><td>-</td></tr>
<tr><td>iii)</td><td>inute power frequency dry withstand voltage (rms)</td><td>630kV</td><td>-</td><td>-</td></tr>
<tr><td>iv)</td><td>inute power frequency dry and wet withstand voltage (rms)</td><td>-</td><td>460kV</td><td>275kV</td></tr>
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</td><td>
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<tr><td>5</td><td>Rated Insulation levels</td><td></td><td></td><td></td></tr>
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- for Equipment other than Transformer and Reactor
- for Insulator String</td><td>
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1550 kVp</td><td>
1050 kVp
1050 kVp</td><td>
650 kVp
650 kVp</td></tr>
<tr><td>ii)</td><td>Switching impulse withstand voltage (250/2500 micro sec.) dry and wet</td><td>1050 kVp</td><td>-</td><td>-</td></tr>
<tr><td>iii)</td><td>One minute power frequency dry withstand voltage (rms)</td><td>630 kV</td><td>-</td><td>-</td></tr>
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<tr><td>6.</td><td>a extinction voltage</td><td>320kV</td><td>-</td><td>-</td></tr>
<tr><td>7.</td><td>adio interferencevoltage for frequency between 0.5 MHz and 2 MHz</td><td>1000 micro-volts at 266kV rms</td><td>0 micro- volts at 156kVrms</td><td>microvolts at 92kV rms</td></tr>
<tr><td>8.</td><td>um creepage distance for insulator string/ longrod insulators/outdoor bushings</td><td>20 mm (31mm/kV)</td><td>7595 mm (31mm/kV)</td><td>5 mm (31mm/kV)</td></tr>
<tr><td>9.</td><td>um creepage distance for switchyardequipment</td><td>00mm (25mm/kV)</td><td>6125 mm (25mm/kV)</td><td>5 mm (25mm/kV)</td></tr>
<tr><td>10.</td><td>ault current</td><td>3 kA</td><td>50 kA</td><td>40 kA</td></tr>
<tr><td>11.</td><td>on of fault</td><td>sec</td><td>1 Sec</td><td>1 Sec</td></tr>
</table>
</td><td>
<table>
<tr><td>iv)</td><td>One minute power frequency dry and wet withstand voltage (rms)</td><td>-</td><td>460 kV</td><td>275 kV</td></tr>
<tr><td>6</td><td>Corona extinction voltage</td><td>320 kV</td><td>-</td><td>-</td></tr>
<tr><td>7</td><td>Max. radio interference voltage for frequency between 0.5 MHz and 2 MHz</td><td>1000 micro-volts at 266 kV rms</td><td>1000 micro-volts at 156 kV rms</td><td>500 microvolts at 92 kV rms</td></tr>
<tr><td>8</td><td>Minimum creepage distance for insulator string/ longrod insulators/ outdoor bushings</td><td>13020 mm (31mm/kV)</td><td>7595 mm (31mm/kV)</td><td>4495 mm (31mm/kV)</td></tr>
<tr><td>9</td><td>Minimum creepage distance for switchyard equipment</td><td>10500 mm (25mm/kV)</td><td>6125 mm (25mm/kV)</td><td>3625 mm (25mm/kV)</td></tr>
<tr><td>10</td><td>Max. fault current</td><td>63 kA</td><td>50 kA</td><td>40 kA</td></tr>
<tr><td>11</td><td>Duration of fault</td><td>1 sec</td><td>1 Sec</td><td>1 Sec</td></tr>
</table>
</td></tr>
<tr><td></td><td>2.7.1 of RFP</td><td>The Bidders should submit the Bids online through the electronic bidding platform before the Bid Deadline i.e., on or before 1200 hours (IST) on <u>07.03.2024</u>. 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 LoI.</td><td>The Bidders should submit the Bids online through the electronic bidding platform before the Bid Deadline i.e., on or before 1200 hours (IST) on <u>12.03.2024</u>. 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 LoI.</td></tr>
<tr><td></td><td>2.7.2 of RFP</td><td>Important timelines are mentioned below:
<table>
<tr><th>Date</th><th>Event</th></tr>
<tr><td><u>07.03.2024</u></td><td>Submission of Bid (Online submission of Bid through electronic bidding portal)</td></tr>
<tr><td><u>07.03.2024</u></td><td>Opening of Technical Bid</td></tr>
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<tr><th>Date</th><th>Event</th></tr>
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Sl. No.	Clause No.	Existing Provisions	New / Revised Provisions
		15.03.2024 Shortlisting and announcement of Qualified Bidders on bidding portal **18.03.2024** Opening of Financial Bid - Initial Offer **19.03.2024** Electronic reverse auction (Financial Bid – Final Offer) for the Qualified Bidders. **22.03.2024** Submission of original hard copies of Annexure 3, Annexure 4, Annexure 6, as applicable and Annexure 14 by the bidder with lowest Final Offer **27.03.2024** Selection of Successful Bidder and issue of LOI **08.04.2024** Signing of RFP Project Documents and transfer of NERES XVI Power Transmission Limited	**20.03.2024** Shortlisting and announcement of Qualified Bidders on bidding portal **21.03.2024** Opening of Financial Bid - Initial Offer **22.03.2024** Electronic reverse auction (Financial Bid – Final Offer) for the Qualified Bidders. **28.03.2024** Submission of original hard copies of Annexure 3, Annexure 4, Annexure 6, as applicable and Annexure 14 by the bidder with lowest Final Offer **01.04.2024** Selection of Successful Bidder and issue of LOI **12.04.2024** Signing of RFP Project Documents and transfer of NERES XVI Power Transmission Limited
	2.13.1 of RFP	……. Opening of Envelope (Technical Bid): 1230 hours (IST) on **07.03.2024** …….. Opening of Initial Offer: Initial Offer shall be opened by the Bid Opening Committee in presence of the Bid Evaluation Committee at 1230 hours (IST) on **18.03.2024** in the office of CEA.	……. Opening of Envelope (Technical Bid): 1230 hours (IST) on **12.03.2024** …….. Opening of Initial Offer: Initial Offer shall be opened by the Bid Opening Committee in presence of the Bid Evaluation Committee at 1230 hours (IST) on **21.03.2024**in the office of CEA.