Amendment-1 (dated; 11.11.2024) to RFP Documents for "Transmission system strengthening at Kurnool-III PS for integration of additional RE generation projects" through tariff based competitive bidding process.

<table>
<tr><th>Sl.</th><th>Clause No.</th><th>Existing Clause</th><th>New/Revised Clause</th></tr>
<tr><td>1</td><td>RFP Specific Technical Requirements for Substation Clause no. B.1.2</td><td>viii) 765 kV Chilakaluripeta Extn: Kurnool-III PS – Chilakaluripeta 765 kV D/c line shall be terminated in adjacent new diameters for which Main and Tie bay are to be constructed under present scope. Further, all associated interconnection work shall also be in the present scope of TSP.</td><td>viii) 765 kV Chilakaluripeta Extn: Refer attached SLD (Drg. No. 5427PS102-CPT-E-SYD-0001-SL, Rev R3) & GA drawing (Drg. No. 5427PS102-CPT-E-SYD-0001-GA, Rev R5) of Chilakaluripeta S/S. One circuit of Kurnool-III PS – Chilakaluripeta 765 kV D/c line shall be terminated in new diameter for which Main & Tie bays shall be constructed under present scope. Other circuit of Kurnool-III PS – Chilakaluripeta 765 kV D/c line shall be terminated in existing diameter for which Main Bay shall be constructed (Tie bay is existing) under present scope. Further, all associated interconnection work shall also be in the present scope of TSP.</td></tr>
<tr><td>2</td><td>RFP Specific Technical Requirements for Substation Clause no. B.5</td><td>B.5 EXTENSION OF EXISTING SUBSTATION
The following drawings/details of existing substation is attached with the RFP documents for further engineering by the bidder.
<table>
<tr><th>Sl. No.</th><th>Drawing Title</th><th>Drawing No./Details</th><th>Rev. No.</th></tr>
<tr><td>A.</td><td colspan="3">765/400/220 kV Kurnool-III PS</td></tr>
<tr><td>1.0</td><td>Single Line Diagram</td><td></td><td></td></tr>
<tr><td>2.0</td><td>General Arrangement</td><td></td><td></td></tr>
<tr><td>3.0</td><td>Earthmat Layout</td><td></td><td></td></tr>
<tr><td>4.0</td><td>Visual Monitoring System</td><td></td><td></td></tr>
<tr><td>5.0</td><td>Bus Bar Protection</td><td></td><td></td></tr>
<tr><td>6.0</td><td>Substation Automation System (SAS)</td><td></td><td></td></tr>
<tr><td>B.</td><td colspan="3">765/400 kV Chilakaluripeta S/s</td></tr>
<tr><td>1.0</td><td>Single Line Diagram</td><td></td><td></td></tr>
<tr><td>2.0</td><td>General Arrangement</td><td></td><td></td></tr>
<tr><td>3.0</td><td>Earthmat Layout</td><td></td><td></td></tr>
<tr><td>4.0</td><td>Visual Monitoring System</td><td></td><td></td></tr>
<tr><td>5.0</td><td>Bus Bar Protection</td><td></td><td></td></tr>
<tr><td>6.0</td><td>Substation</td><td></td><td></td></tr>
</table></td><td>B.5 EXTENSION OF EXISTING SUBSTATION
The following drawings/details of existing substation is attached with the RFP documents for further engineering by the bidder.
<table>
<tr><th>Sl. No.</th><th>Drawing Title</th><th>Drawing No./Details</th><th>Rev. No.</th></tr>
<tr><td>A.</td><td colspan="3">765/400/220 kV Kurnool-III PS</td></tr>
<tr><td>1.0</td><td>Single Line Diagram</td><td>TR201906-1001874-SS1120-SY-SLD</td><td>3</td></tr>
<tr><td>2.0</td><td>General Arrangement</td><td>TR201906- 1001874-SS1120-ELECT-LAY-PLAN</td><td>7</td></tr>
<tr><td>3.0</td><td>Earthmat Layout</td><td>TR201906-1001874-SS1120-EMAT-LAY</td><td>1</td></tr>
<tr><td>4.0</td><td>Visual Monitoring System</td><td>Make : Delcom</td><td></td></tr>
<tr><td>5.0</td><td>Bus Bar Protection</td><td>Make : ABB
Model: REB500 (CU)</td><td></td></tr>
<tr><td>6.0</td><td>Substation Automation System (SAS)</td><td>Make : ABB</td><td></td></tr>
<tr><td>B.</td><td colspan="3">765/400 kV Chilakaluripeta S/s</td></tr>
<tr><td>1.0</td><td>Single Line Diagram</td><td>5427PS102-CPT-E-SYD-0001-SL</td><td>R3</td></tr>
<tr><td>2.0</td><td>General Arrangement</td><td>5427PS102-CPT-E-SYD-0001-GA</td><td>R5</td></tr>
<tr><td>3.0</td><td>Earthmat Layout</td><td>5427PS096-CPT-E-SYD-0214-GA</td><td>R2</td></tr>
</table></td></tr>
</table>

Amendment-1 (dated; 11.11.2024) to RFP Documents for "Transmission system strengthening at Kurnool-III PS for integration of additional RE generation projects" through tariff based competitive bidding process.

Sl.	Clause No.	Existing Clause	New/Revised Clause
		<table><tr><td></td><td>Automation System (SAS)</td><td></td><td></td></tr></table>	<table><tr><td>4.0</td><td>Visual Monitoring System</td><td>--</td><td></td></tr><tr><td>5.0</td><td>Bus Bar Protection</td><td>Make: Alstom Model: P741</td><td></td></tr><tr><td>6.0</td><td>Substation Automation System (SAS)</td><td>KX9GSA1</td><td>A</td></tr></table>
4.	A.6.0	A) For power line crossing of 400 kV or above voltage level, large angle and dead end towers (i.e. D/DD/QD) shall be used on either side of power line crossing. B) For power line crossing of 132 kV and 220 kV (or 230 kV) voltage level, angle towers (B/C/D/DB/DC/DD/ QB/QC/QD) shall be used on either side of power line crossing depending upon the merit of the prevailing site condition and line deviation requirement. C) For power line crossing of 66 kV and below voltage level, suspension/tension towers shall be provided on either side of power line crossing depending upon the merit of the prevailing site condition and line deviation requirement. D) For crossing of railways, national highways and state highways, the rules/ regulations of appropriate authorities shall be followed.	**A) Under crossing of the existing transmission line of same Voltage shall not be allowed. In the case where it is inevitable to under-cross the existing transmission line then TSP shall seek prior approval from Chief Electrical Inspector, CEA with detailed study ensuring that all statutory electrical clearances and Electric Field limit of 10 kV/m at 1 m and 1.8 m from ground level is not violated.** **B)** For power line crossing of 400 kV or above voltage level, large angle and dead end towers (i.e. D/DD/QD) shall be used on either side of power line crossing. **C)** For power line crossing of 132 kV and 220 kV (or 230 kV) voltage level, angle towers (B/C/D/DB/DC/DD/ QB/QC/QD) shall be used on either side of power line crossing depending upon the merit of the prevailing site condition and line deviation requirement. **D)** For power line crossing of 66 kV and below voltage level, suspension/tension towers shall be provided on either side of power line crossing depending upon the merit of the prevailing site condition and line deviation requirement. **E)** For crossing of railways, national highways and state highways, the rules/ regulations of appropriate authorities shall be followed.
5.	A.22.0	**New Clause**	**The stringing of the transmission line in forest area shall be carried out through drone.**
6.	A.23.0	**New Clause**	**The tower shall be designed considering the porcelain Insulators with creepage factor of 31 mm/ kV irrespective of type of insulator used.**
7	All the relevant clauses of RFP, TSA and SPA	"SPV [which is under incorporation]"	"SPV [which is under incorporation]" in the subject RFP, TSA and SPA may be read as "**KURNOOL III PS RE TRANSMISSION LIMITED**"