

**Amendment –VI dated 18.07.2020 on the Request for Proposal and Transmission Service Agreement issued for selection of bidder as Transmission Service Provider to establish “Transmission System for Transmission Scheme for Solar Energy Zone in Bidar (2500 MW), Karnataka” through tariff based competitive bidding process**

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			Bus section-B) <b>Future provisions:</b> Space for 765/400kV ICTs along with bays: 1 no. 400/220kV ICTs along with bays: 2 nos. 765kV line bays: 6 nos. 400kV line bays: 8 nos. 220kV line bays: 4 nos. 765kV bus reactor along with bays: 2 no.					765kV line bays: 6 nos. 400kV line bays: 8 nos. 220kV line bays: 4 nos. 765kV bus reactor along with bays: 2 no.			
		2.	Bidar PS –Maheshwaram (PG) 765kV D/c line				2.	Bidar PS –Maheshwaram (PG) 765kV D/c line			
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		<b>Sr. No</b>	<b>Name of the Transmission Element</b>	<b>Scheduled COD in months from Effective Date</b>	<b>Percentage of Quoted Transmission Charges recoverable on Scheduled COD of the Element of the Project</b>	<b>Element(s) which are pre-required for declaring the commercial operation (COD) of the respective Element</b>	<b>Sr. No</b>	<b>Name of the Transmission Element</b>	<b>Scheduled COD in months from Effective Date</b>	<b>Percentage of Quoted Transmission Charges recoverable on Scheduled COD of the Element of the Project</b>	<b>Element(s) which are pre-required for declaring the commercial operation (COD) of the respective Element</b>

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		2.	Bidar PS - Maheshwaram (PG) 765kV D/c line		54.81%	Element at Sl. No 1, 3 & 4	2.	Bidar PS - Maheshwaram (PG) 765kV D/c line		54.81%	Element at Sl. No 1, 3 & 4
		3.	765 kV line bays at Maheshwaram (PG) for termination of Bidar PS - Maheshwaram (PG) 765kV D/c line		2.92%	Element at Sl. No 1, 2, & 4	3.	765 kV line bays at Maheshwaram (PG) for termination of Bidar PS - Maheshwaram (PG) 765kV D/c line		2.92%	Element at Sl. No 1, 2, & 4
		4.	1x240MVAR, 765 kV switchable line reactor for each circuit at Bidar PS end of Bidar PS- Maheshwaram (PG) 765kV D/c line		4.20%	Element at Sl. No 1, 2, & 3	4.	1x240MVAR, 765 kV switchable line reactor for each circuit at Bidar PS end of Bidar PS- Maheshwaram (PG) 765kV D/c line		4.20%	Element at Sl. No 1, 2, & 3
		<p><b>#Scheduled COD in months is considering Effective Date in <u>Sept, 2020</u>. It is clarified that in case there is delay in achieving Effective Date, the schedule shall be compressed accordingly to achieve Scheduled COD by December, 2021.</b></p> <p>.....</p> <p><b>Scheduled COD for overall Project: <u>15 months</u> from Effective Date.</b></p>					<p>.....</p> <p><b>Scheduled COD for overall Project: <u>18 months</u> from Effective Date.</b></p>				
4.	Point No. 8 of Annexure 8 of RFP	<p>.....</p> <p>8. We confirm that our Bid meets the Scheduled COD of each transmission Element and the Project as specified below:</p>					<p>.....</p> <p>8. We confirm that our Bid meets the Scheduled COD of each transmission Element and the Project as specified below:</p>				

Sl. No.	Clause No.	Existing Provisions					New / Revised Clause				
		Sr. No	Name of the Transmission Element	Scheduled COD in months from Effective Date	Percentage of Quoted Transmission Charges recoverable on Scheduled COD of the Element of the Project	Element(s) which are pre-required for declaring the commercial operation (COD) of the respective Element	Sr. No	Name of the Transmission Element	Scheduled COD in months from Effective Date	Percentage of Quoted Transmission Charges recoverable on Scheduled COD of the Element of the Project	Element(s) which are pre-required for declaring the commercial operation (COD) of the respective Element
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5.	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.																
6.	Schedule 2 of TSA	<p>1.0 Project Scope:</p> <table border="1"> <thead> <tr> <th rowspan="2">S.No</th> <th colspan="2">Transmission System for Transmission Scheme for Solar Energy Zone in Bidar (2500 MW), Karnataka</th> </tr> <tr> <th>Name of Transmission Element</th> <th>Scheduled COD in months from Effective Date</th> </tr> </thead> <tbody> <tr> <td>1.</td> <td> <p>Establishment of 3x1500MVA (765/400kV) and 5x500MVA (400/220kV) Station at suitable border location near Bidar with 765kV(1x240MVAR) and 400kV(1X125MVAR) bus reactor.</p> <p><b><u>A. 765kV</u></b></p> <p>i) ICT: 10x500MVA, 765/400/33 kV (with 1x500 MVA, 765/400/33 kV Transformer unit as common spare for three banks)</p> <p>ii) ICT bay: 3 nos.</p> <p>iii) Line bay: 2 nos.</p> <p>iv) Bus Reactor: 3x80 MVAR (one bank of 240 MVAR)</p> <p>v) Line Reactor: 6x80 MVAR (two banks of 240 MVAR each)</p> <p>vi) Spare Reactor: 1x80 MVAR (common spare unit for banks of Bus Reactor &amp; Line Reactor)</p> </td> <td> <p><b><u>15 months</u></b> (December'2021#)</p> </td> </tr> </tbody> </table>	S.No	Transmission System for Transmission Scheme for Solar Energy Zone in Bidar (2500 MW), Karnataka		Name of Transmission Element	Scheduled COD in months from Effective Date	1.	<p>Establishment of 3x1500MVA (765/400kV) and 5x500MVA (400/220kV) Station at suitable border location near Bidar with 765kV(1x240MVAR) and 400kV(1X125MVAR) bus reactor.</p> <p><b><u>A. 765kV</u></b></p> <p>i) ICT: 10x500MVA, 765/400/33 kV (with 1x500 MVA, 765/400/33 kV Transformer unit as common spare for three banks)</p> <p>ii) ICT bay: 3 nos.</p> <p>iii) Line bay: 2 nos.</p> <p>iv) Bus Reactor: 3x80 MVAR (one bank of 240 MVAR)</p> <p>v) Line Reactor: 6x80 MVAR (two banks of 240 MVAR each)</p> <p>vi) Spare Reactor: 1x80 MVAR (common spare unit for banks of Bus Reactor &amp; Line Reactor)</p>	<p><b><u>15 months</u></b> (December'2021#)</p>	<p>1.0 Project Scope:</p> <table border="1"> <thead> <tr> <th rowspan="2">S.No</th> <th colspan="2">Transmission System for Transmission Scheme for Solar Energy Zone in Bidar (2500 MW), Karnataka</th> </tr> <tr> <th>Name of Transmission Element</th> <th>Scheduled COD in months from Effective Date</th> </tr> </thead> <tbody> <tr> <td>1.</td> <td> <p>Establishment of 3x1500MVA (765/400kV) and 5x500MVA (400/220kV) Station at suitable border location near Bidar with 765kV(1x240MVAR) and 400kV(1X125MVAR) bus reactor.</p> <p><b><u>A. 765kV</u></b></p> <p>i) ICT: 10x500MVA, 765/400/33 kV (with 1x500 MVA, 765/400/33 kV Transformer unit as common spare for three banks)</p> <p>ii) ICT bay: 3 nos.</p> <p>iii) Line bay: 2 nos.</p> <p>iv) Bus Reactor: 3x80 MVAR (one bank of 240 MVAR)</p> <p>v) Line Reactor: 6x80 MVAR (two banks of 240 MVAR each)</p> <p>vi) Spare Reactor: 1x80 MVAR (common spare unit for banks of Bus Reactor &amp; Line Reactor)</p> <p>vii) Bus Reactor bay: 1 no.</p> </td> <td> <p><b><u>18 months</u></b></p> </td> </tr> </tbody> </table>	S.No	Transmission System for Transmission Scheme for Solar Energy Zone in Bidar (2500 MW), Karnataka		Name of Transmission Element	Scheduled COD in months from Effective Date	1.	<p>Establishment of 3x1500MVA (765/400kV) and 5x500MVA (400/220kV) Station at suitable border location near Bidar with 765kV(1x240MVAR) and 400kV(1X125MVAR) bus reactor.</p> <p><b><u>A. 765kV</u></b></p> <p>i) ICT: 10x500MVA, 765/400/33 kV (with 1x500 MVA, 765/400/33 kV Transformer unit as common spare for three banks)</p> <p>ii) ICT bay: 3 nos.</p> <p>iii) Line bay: 2 nos.</p> <p>iv) Bus Reactor: 3x80 MVAR (one bank of 240 MVAR)</p> <p>v) Line Reactor: 6x80 MVAR (two banks of 240 MVAR each)</p> <p>vi) Spare Reactor: 1x80 MVAR (common spare unit for banks of Bus Reactor &amp; Line Reactor)</p> <p>vii) Bus Reactor bay: 1 no.</p>	<p><b><u>18 months</u></b></p>
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Sl. No.	Clause No.	Existing Provisions	New / Revised Clause
		<p>vii) Bus Reactor bay: 1 no. viii) Switchable Line Reactor bay: 2 nos. ix) Space for future line bay: 6 nos. X) Space for future 765/400/33 kV ICT along with associated bay: 1 no. xi) Space for future 765kV Bus Reactor along with associated bay: 1 no.</p> <p><b><u>B. 400kV</u></b></p> <p>i) ICT: 5x500MVA, 400/220kV ii) ICT bay: 8 nos. (3 nos. for 765/400/33kV and 5 nos. for 400/220/33kV) iii) Bus Reactor: 1x125 MVAR, 420kV iv) Bus Reactor bay: 1 no. v) Space for future line bay: 8 nos. vi) Space for future 765/400/33kV ICT bay: 1 no. vii) Space for future 400/220/33kV ICT along with associated bay: 2 nos.</p> <p><b><u>C. 220kV</u></b></p> <p>i) ICT bay: 5 nos. (4 nos. on Bus section-A and 1 no. on Bus section-B) ii) Line bay: 8 nos. (6 nos. on Bus section-A and 2 no. on Bus section-B) iii) Bus sectionalizer bay: 2 nos. (one no. for each Main Bus) iv) Bus coupler bay: 2 nos. (one no. for each Bus section) v) Transfer Bus coupler bay: 2 nos. (one</p>	<p>viii) Switchable Line Reactor bay: 2 nos. ix) Space for future line bay: 6 nos. x) Space for future 765/400/33 kV ICT along with associated bay: 1 no. xi) Space for future 765kV Bus Reactor along with associated bay: 1 no.</p> <p><b><u>B. 400kV</u></b></p> <p>i) ICT: 5x500MVA, 400/220kV i) ICT bay: 8 nos. (3 nos. for 765/400/33kV and 5 nos. for 400/220/33kV) ii) Bus Reactor: 1x125 MVAR, 420kV iii) Bus Reactor bay: 1 no. iv) Space for future line bay: 8 nos. v) Space for future 765/400/33kV ICT bay: 1 no. vi) Space for future 400/220/33kV ICT along with associated bay: 2 nos.</p> <p><b><u>C. 220kV</u></b></p> <p>i) ICT bay: 5 nos. (4 nos. on Bus section-A and 1 no. on Bus section-B) ii) Line bay: 8 nos. (6 nos. on Bus section-A and 2 no. on Bus section-B) iii) Bus sectionalizer bay: 2 nos. (one no. for each Main Bus) iv) Bus coupler bay: 2 nos. (one no. for each Bus section) v) Transfer Bus coupler bay: 2 nos. (one no. for each bus section) vi) Space for future 400/220kV ICT bay: 2 nos. (2 nos. on Bus section-B)</p>

Sl. No.	Clause No.	Existing Provisions					New / Revised Clause								
			no. for each bus section)												
			vi) Space for future 400/220kV ICT bay: 2 nos. (2 nos. on Bus section-B)												
			vii) Space for future line bay: 4 nos. (2 nos. each on Bus section-A & Bus section-B)												
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