

Amendment No. 5

to

Request for Proposal (RfP) and Transmission Service Agreement (TSA) for selection of Transmission Service Provider through tariff based competitive bidding process to establish “Transmission System Strengthening Scheme for Evacuation of Power from Solar Energy Zones in Rajasthan (8.1 GW) under Phase-II Part-F”

S.No.	Existing Provision			Amended Provision				
Request for Proposal (RFP) / Transmission Service Agreement (TSA)								
1.	Request for Proposal Notification Sl. No. 2 & Transmission Element of Introduction in Clause 1.2 of the RFP Document and Detailed Scope of Work of Schedule-2 of TSA			Request for Proposal Notification Sl. No. 2 & Transmission Element of Introduction in Clause 1.2 of the RFP Document and Detailed Scope of Work of Schedule-2 of TSA				
	Sl. No.	Name of the Transmission Element	Scheduled COD from Effective Date	Conductor Per Phase	Sl. No.	Name of the Transmission Element	Scheduled COD from Effective Date	Conductor Per Phase
	1.	Establishment of 400/220kV, 6x500 MVA Pooling Station at Bikaner –II PS with suitable bus sectionalisation at 400 kV and 220 kV level and with 420kV (2x125 MVAR) bus reactor 400/220 kV, 500 MVA ICT – 6 400 kV ICT bays – 6 220kV ICT bays – 6 400 kV line bays – 4 220 kV line bays – 10 125 MVA _r , 420 kV bus reactor-2 400 kV bus reactor bay – 2 400 kV 80MVA _r line reactor	June 2022		1.	Establishment of 400/220kV, 6x500MVA Pooling Station at Bikaner –II PS with suitable bus sectionalisation at 400 kV and 220 kV level and with 420kV (2x125 MVAR) bus reactor 400/220 kV, 500 MVA ICT – 6 400 kV ICT bays – 6 220kV ICT bays – 6 400 kV line bays – 4 220 kV line bays – 10 125 MVA _r , 420 kV bus reactor-2 400 kV bus reactor bay – 2 400 kV 80MVA _r line reactor	18 Months from Effective Date or June 2022, whichever is later	

S.No.	Existing Provision				Amended Provision			
		– 4 nos Switching equipment for 400 kV switchable line reactor –4 <i>Future provisions: Space for 400/220 kV ICTs along with bays:4</i> 400 kV line bays:6 220 kV line bays:6 420 kV reactors along with bays: 2				– 4 nos Switching equipment for 400 kV switchable line reactor –4 <i>Future provisions: Space for 400/220 kV ICTs along with bays:4</i> 400 kV line bays:6 220 kV line bays:6 420 kV reactors along with bays: 2		
	2.	Bikaner-II PS – Khetri 400 kV 2xD/c line (Twin HTLS* on M/c Tower)		Twin HTLS		2.	Bikaner-II PS – Khetri 400 kV 2xD/c line (Twin HTLS* on M/c Tower)	Twin HTLS
	3.	1x80MVar switchable Line reactor on each circuit at both ends of end of Bikaner-II – Khetri 400 kV 2xD/c Line 400 kV 80MVar reactor – 4nos. Switching equipment for 400 kV switchable line reactor –4				3.	1x80MVar switchable Line reactor on each circuit at both ends of end of Bikaner-II – Khetri 400 kV 2xD/c Line 400 kV 80MVar reactor – 4nos. Switching equipment for 400 kV switchable line reactor –4	
	4.	4 no. of 400 kV line bays at Khetri for Bikaner –II PS – Khetri 400kV 2xD/c line		Twin HTLS		4.	4 no. of 400 kV line bays at Khetri for Bikaner –II PS – Khetri 400kV 2xD/c line	Twin HTLS
	5.	Khetri- Bhiwadi 400 kV D/c line (Twin HTLS)*				5.	Khetri- Bhiwadi 400 kV D/c line (Twin HTLS)*	
	6.	2 no. of 400 kV line bays at Khetri for Khetri - Bhiwadi 400kV D/c line				6.	2 no. of 400 kV line bays at Khetri for Khetri - Bhiwadi 400kV D/c line	

S.No.	Existing Provision					Amended Provision					
	7.	2 no of 400 kV(GIS) line bays at Bhiwadi for Khetri-Bhiwadi 400 kV D/c line				7.	2 no of 400 kV(GIS) line bays at Bhiwadi for Khetri-Bhiwadi 400 kV D/c line				
	8.	STATCOM at Bikaner II S/s* ± 300 MVar, 2x125 MVar MSC, 1x125 MVar MSR				8.	STATCOM at Bikaner II S/s* ± 300 MVar, 2x125 MVar MSC, 1x125 MVar MSR				
2.	Project Schedule in Clause No. 2.6.1 & Bidders undertaking in Annexure-8 of the RFP Document and Schedule -3 of TSA					Project Schedule in Clause No. 2.6.1 & Bidders undertaking in Annexure-8 of the RFP Document and Schedule -3 of TSA					
	Sl. 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		Sl. 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
	1.	Establishment of 400/220kV, 6x500 MVA Pooling Station at Bikaner –II PS with suitable bus sectionalisation at 400 kV and 220 kV level and with 420kV (2x125 MVAR) bus reactor 400/220 kV, 500 MVA ICT – 6 400 kV ICT bays – 6 220kV ICT bays – 6 400 kV line bays – 4	June 2022	100%	Elements marked at Sl. No. 1 to 8 are required to be commissioned simultaneously as their utilization is dependent on commissioning of each other.		1.	Establishment of 400/220kV, 6x500 MVA Pooling Station at Bikaner –II PS with suitable bus sectionalisation at 400 kV and 220 kV level and with 420kV (2x125 MVAR) bus reactor 400/220 kV, 500 MVA	18 Months from Effective Date or June 2022, whichever is later	100%	Elements marked at Sl. No. 1 to 8 are required to be commissioned simultaneously as their utilization is dependent on commissioning

S.No.	Existing Provision					Amended Provision				
		220 kV line bays – 10 125 MVAR, 420 kV bus reactor-2 400 kV bus reactor bay – 2 400 kV 80MVAR line reactor – 4 nos Switching equipment for 400 kV switchable line reactor –4 <u>Future provisions:</u> <i>Space for 400/220 kV ICTs along with bays:4</i> <i>400 kV line bays:6</i> <i>220 kV line bays:6</i> <i>420 kV reactors along with bays: 2</i>					ICT – 6 400 kV ICT bays – 6 220kV ICT bays – 6 400 kV line bays – 4 220 kV line bays – 10 125 MVAR, 420 kV bus reactor-2 400 kV bus reactor bay – 2 400 kV 80MVAR line reactor – 4 nos Switching equipment for 400 kV switchable line reactor –4 <u>Future provisions:</u> <i>Space for 400/220 kV ICTs along with bays:4</i> <i>400 kV line bays:6</i> <i>220 kV line bays:6</i> <i>420 kV reactors along with bays: 2</i>			of each other.
	2.	Bikaner-II PS – Khetri 400 kV 2xD/c line (Twin HTLS* on M/c Tower)					Bikaner-II PS – Khetri 400 kV 2xD/c line (Twin HTLS* on M/c Tower)			
	3.	1x80MVAR switchable Line reactor on each circuit at both ends of end of Bikaner-II – Khetri 400 kV 2xD/c Line 400 kV 80MVAR reactor – 4nos. Switching equipment for 400 kV switchable line reactor –4					1x80MVAR switchable Line reactor on each circuit at both ends of end of Bikaner-II – Khetri 400 kV 2xD/c Line			

S.No.	Existing Provision					Amended Provision				
	4.	4 no. of 400 kV line bays at Khetri for Bikaner –II PS – Khetri 400kV 2xD/c line					400 kV 80MVar reactor – 4nos. Switching equipment for 400 kV switchable line reactor –4			
	5.	Khetri- Bhiwadi 400 kV D/c line (Twin HTLS)*				4.	4 no. of 400 kV line bays at Khetri for Bikaner –II PS – Khetri 400kV 2xD/c line			
	6.	2 no. of 400 kV line bays at Khetri for Khetri - Bhiwadi 400kV D/c line				5.	Khetri- Bhiwadi 400 kV D/c line (Twin HTLS)*			
	7.	2 no of 400 kV(GIS) line bays at Bhiwadi for Khetri- Bhiwadi 400 kV D/c line				6.	2 no. of 400 kV line bays at Khetri for Khetri - Bhiwadi 400kV D/c line			
	8.	STATCOM at Bikaner II S/s* ± 300 MVar, 2x125 MVar MSC, 1x125 MVar MSR				7.	2 no of 400 kV(GIS) line bays at Bhiwadi for Khetri- Bhiwadi 400 kV D/c line			
						8.	STATCOM at Bikaner II S/s* ± 300 MVar, 2x125 MVar MSC, 1x125 MVar MSR			
3.	Clause No. 2.1 Qualification Requirements of the RFP Document Clause No. 2.1.1 The Bidder should be a company duly if any Member of the Consortium has purchased the RFP document for such Project.					Clause No. 2.1 Qualification Requirements of the RFP Document Clause No. 2.1.1 The Bidder should be a company duly if any Member of the Consortium has purchased the RFP document for such Project. New Para Insertion Bidder who agree and undertake to procure the products associated with the				

S.No.	Existing Provision	Amended Provision
		Transmission System as per provisions of Public Procurement (Preference to Make in India) orders issued by Ministry of Power vide orders No. 11/5/2018 - Coord. dated 20.12.2018 and 04.04.2020 (copies enclosed at Annexure A) for transmission sector, as amended from time to time read with Department for Promotion of Industry and Internal Trade (DPIIT) orders in this regard, shall be eligible hereunder. Further, it is clarified that Procuring Entity as defined in orders shall deemed to have included Selected Bidder and/ or TSP.
4.	<p>Annexure-1 Covering Letter of the RFP Document</p> <p>New Insertion after point no. 3</p>	<p>Annexure-1 Covering Letter of the RFP Document</p> <p>New Insertion after point no. 3</p> <p>4. We hereby agree and undertake to procure the products associated with the Transmission System as per provisions of Public Procurement (Preference to Make in India) orders issued by Ministry of Power vide orders No. 11/5/2018 - Coord. dated 20.12.2018 and 04.04.2020 for transmission sector, as amended from time to time read with Department for Promotion of Industry and Internal Trade (DPIIT) orders in this regard.</p> <p>5. We are herewith submitting legally binding board resolution for the total equity requirement of the Project.</p> <p>.....</p>
5.	<p>Article 4.1 TSP's obligation in development of the Project of TSA</p> <p>New Insertion after 4.1 (g)</p>	<p>Article 4.1 TSP's obligation in development of the Project of TSA</p> <p>New Insertion after 4.1 (g)</p> <p>(h) to procure the products associated with the Transmission System as per provisions of Public Procurement (Preference to Make in India) orders issued by Ministry of Power vide orders No. 11/5/2018 - Coord. dated 20.12.2018 and 04.04.2020 (copies enclosed at Annexure A) for transmission sector, as amended from time to time read with Department for Promotion of Industry and Internal Trade (DPIIT) orders in this regard (Procuring Entity as defined in above orders shall deemed to have included Selected Bidder and/ or TSP).</p> <p>(i) to comply with all its obligations undertaken in this Agreement.</p>