

Amendment No. 4 dated 27.09.2023

to

RFP documents for selection of Transmission Service Provider through tariff based competitive bidding process to establish transmission system for “Transmission system for evacuation of power from Rajasthan REZ Ph-IV (Part-1) (Bikaner Complex): PART- A”

Sl. No.	Existing Provisions	Revised Provisions								
1.	<p>Request for Proposal Notification S. No. 2, Clause 1.2, Clause 2.6.1, S. No. 8 of Annexure 8 of the RFP Document & Schedule-1 (b), Schedule 2 and Schedule 5 of TSA</p> <table><tr><th>S. No.</th><th>Name of Transmission Element</th></tr><tr><td>1.</td><td><p>Establishment of 6x1500 MVA (along with one spare unit of 500 MVA), 765/400 kV & 5x500 MVA 400/220 kV Bikaner-III Pooling Station along with 2x330 MVAR (765 kV) Bus Reactor (along with one spare unit of 110 MVAR) & 2x125 MVAR (420 kV) Bus Reactor at a suitable location near Bikaner</p><ul style="list-style-type: none">• 765/400 kV 1500 MVA ICTs: 6 nos. (19x500 MVA including one spare unit)• 765 kV ICT bays – 6 nos.• 765 kV line bays- 2 nos.• 330 MVAR Bus Reactor-2 nos. (7x110 MVAR, including one spare unit)• 765kV reactor bays- 2 nos.• 400/220 kV, 500 MVA ICTs – 5 nos.• 400 kV ICT bays – 11 nos.• 420 kV reactor bays - 2 nos.• 125 MVAR, 420 kV bus reactor - 2 nos.• 400 kV line bays - 6 nos. (4 nos. for LILO of Bikaner-Bikaner-II D/c line & 2 nos. for Bikaner-II D/c line)• 220 kV ICT bays - 5 nos.• 220 kV line bays – 6 nos. (for RE connectivity)• 220 kV BC (2 nos.) and 220 kV TBC (2 nos.)• 220kV Sectionalisation bay: 1 set</td></tr></table>	S. No.	Name of Transmission Element	1.	<p>Establishment of 6x1500 MVA (along with one spare unit of 500 MVA), 765/400 kV & 5x500 MVA 400/220 kV Bikaner-III Pooling Station along with 2x330 MVAR (765 kV) Bus Reactor (along with one spare unit of 110 MVAR) & 2x125 MVAR (420 kV) Bus Reactor at a suitable location near Bikaner</p> <ul style="list-style-type: none">• 765/400 kV 1500 MVA ICTs: 6 nos. (19x500 MVA including one spare unit)• 765 kV ICT bays – 6 nos.• 765 kV line bays- 2 nos.• 330 MVAR Bus Reactor-2 nos. (7x110 MVAR, including one spare unit)• 765kV reactor bays- 2 nos.• 400/220 kV, 500 MVA ICTs – 5 nos.• 400 kV ICT bays – 11 nos.• 420 kV reactor bays - 2 nos.• 125 MVAR, 420 kV bus reactor - 2 nos.• 400 kV line bays - 6 nos. (4 nos. for LILO of Bikaner-Bikaner-II D/c line & 2 nos. for Bikaner-II D/c line)• 220 kV ICT bays - 5 nos.• 220 kV line bays – 6 nos. (for RE connectivity)• 220 kV BC (2 nos.) and 220 kV TBC (2 nos.)• 220kV Sectionalisation bay: 1 set	<p>Request for Proposal Notification S. No. 2, Clause 1.2, Clause 2.6.1, S. No. 8 of Annexure 8 of the RFP Document, Schedule-1 (b), Schedule 2 and Scheduled 5 of TSA</p> <table><tr><th>S. No.</th><th>Name of Transmission Element</th></tr><tr><td>1.</td><td><p>Establishment of 6x1500 MVA (along with one spare unit of 500 MVA), 765/400 kV & 5x500 MVA 400/220 kV Bikaner-III Pooling Station along with 2x330 MVAR (765 kV) Bus Reactor (along with one spare unit of 110 MVAR) & 2x125 MVAR (420 kV) Bus Reactor at a suitable location near Bikaner</p><ul style="list-style-type: none">• 765/400 kV 1500 MVA ICTs: 6 nos. (19x500 MVA including one spare unit)• 765 kV ICT bays – 6 nos.• 765 kV line bays- 2 nos.• 330 MVAR Bus Reactor-2 nos. (7x110 MVAR, including one spare unit)• 765kV reactor bays- 2 nos.• 400/220 kV, 500 MVA ICTs – 5 nos.• 400 kV ICT bays – 11 nos.• 420 kV reactor bays - 2 nos.• 125 MVAR, 420 kV bus reactor - 2 nos.• 400 kV line bays - 6 nos. (4 nos. for LILO of Bikaner-Bikaner-II D/c line & 2 nos. for Bikaner-II D/c line)• 220 kV ICT bays - 5 nos.• 220 kV line bays – 5 nos. (for RE connectivity)• 220 kV BC (2 nos.) and 220 kV TBC (2 nos.)• 220kV Sectionalisation bay: 1 set</td></tr></table>	S. No.	Name of Transmission Element	1.	<p>Establishment of 6x1500 MVA (along with one spare unit of 500 MVA), 765/400 kV & 5x500 MVA 400/220 kV Bikaner-III Pooling Station along with 2x330 MVAR (765 kV) Bus Reactor (along with one spare unit of 110 MVAR) & 2x125 MVAR (420 kV) Bus Reactor at a suitable location near Bikaner</p> <ul style="list-style-type: none">• 765/400 kV 1500 MVA ICTs: 6 nos. (19x500 MVA including one spare unit)• 765 kV ICT bays – 6 nos.• 765 kV line bays- 2 nos.• 330 MVAR Bus Reactor-2 nos. (7x110 MVAR, including one spare unit)• 765kV reactor bays- 2 nos.• 400/220 kV, 500 MVA ICTs – 5 nos.• 400 kV ICT bays – 11 nos.• 420 kV reactor bays - 2 nos.• 125 MVAR, 420 kV bus reactor - 2 nos.• 400 kV line bays - 6 nos. (4 nos. for LILO of Bikaner-Bikaner-II D/c line & 2 nos. for Bikaner-II D/c line)• 220 kV ICT bays - 5 nos.• 220 kV line bays – 5 nos. (for RE connectivity)• 220 kV BC (2 nos.) and 220 kV TBC (2 nos.)• 220kV Sectionalisation bay: 1 set
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Sl. No.	Existing Provisions		Revised Provisions	
		<p>Future provisions: Space for</p> <ul style="list-style-type: none"> • 765 kV line bays along with switchable line reactors – 6 nos. • 765kV Bus Reactor along with bay: 1 no. • 400 kV line bays along with switchable line reactor –4 nos. • 400 kV line bays–4 nos. • 400/220kV ICT along with bays -5 nos. • 400 kV Bus Reactor along with bay: 1 no. • 400kV Sectionalization bay: 2 sets • 220 kV line bays for connectivity of RE Applications -8 nos. • 220kV Sectionalization bay: 2 sets • 220 kV BC (2 no.) and 220 kV TBC (2 no.) • STATCOM (2x±300MVar) along with MSC (4x125 MVar) & MSR (2x125 MVar) 		<p>Future provisions: Space for</p> <ul style="list-style-type: none"> • 765 kV line bays along with switchable line reactors – 6 nos. • 765kV Bus Reactor along with bay: 1 no. • 400 kV line bays along with switchable line reactor –4 nos. • 400 kV line bays–4 nos. • 400/220kV ICT along with bays -5 nos. • 400 kV Bus Reactor along with bay: 1 no. • 400kV Sectionalization bay: 2 sets • 220 kV line bays for connectivity of RE Applications -8 nos. • 220kV Sectionalization bay: 2 sets • 220 kV BC (2 no.) and 220 kV TBC (2 no.) • STATCOM (2x±300MVar) along with MSC (4x125 MVar) & MSR (2x125 MVar)
	2.	LILO of both ckts of 400 kV Bikaner (PG)-Bikaner-II D/c line (Quad) at Bikaner-III PS	2.	LILO of both ckts of 400 kV Bikaner (PG)-Bikaner-II D/c line (Quad) at Bikaner-III PS
	3.	Bikaner-II PS – Bikaner-III PS 400 kV D/c line (Quad)	3.	Bikaner-II PS – Bikaner-III PS 400 kV D/c line (Quad)
	4.	<p>2 no. of 400 kV line bays at Bikaner-II.</p> <ul style="list-style-type: none"> • 400 kV line bays - 2 nos. 	4.	<p>2 no. of 400 kV line bays at Bikaner-II.</p> <ul style="list-style-type: none"> • 400 kV line bays - 2 nos.
	5.	<p>Bikaner-III - Neemrana-II 765 kV D/c line along with 330 MVar switchable line reactor for each circuit at each end</p> <ul style="list-style-type: none"> • 765 kV, 330 MVar switchable line reactors at Bikaner-III PS – 2 nos. • 765 kV, 330 MVar Switchable line reactors at Neemrana-II S/s – 2 nos. • Switching equipment for 765kV 330 MVar switchable line reactors at Bikaner-III PS – 2 nos. • Switching equipment for 765kV 330 MVar switchable line reactors at Neemrana-II S/s – 2 nos. 	5.	<p>Bikaner-III - Neemrana-II 765 kV D/c line along with 330 MVar switchable line reactor for each circuit at each end</p> <ul style="list-style-type: none"> • 765 kV, 330 MVar switchable line reactors at Bikaner-III PS – 2 nos. • 765 kV, 330 MVar Switchable line reactors at Neemrana-II S/s – 2 nos. • Switching equipment for 765kV 330 MVar switchable line reactors at Bikaner-III PS – 2 nos. • Switching equipment for 765kV 330 MVar switchable line reactors at Neemrana-II S/s – 2 nos.
	6.	<p>2 no. of 765 kV line bays at Neemrana-II S/s</p> <ul style="list-style-type: none"> • 765kV line bays at Neemrana-II S/s- 2 nos. 	6.	<p>2 no. of 765 kV line bays at Neemrana-II S/s</p> <ul style="list-style-type: none"> • 765kV line bays at Neemrana-II S/s- 2 nos.