Amendment – III dated 18.07.2020 on the Request for Proposal Document and Transmission Service Agreement issued for selection of bidder as Transmission Service Provider to establish "Transmission System Strengthening Scheme for evacuation of power from solar energy zones in Rajasthan (8.1 GW) under phase II – Part A" through tariff based competitive bidding process

Sl.	Clause	Existin	g Provisions		New /	Revised Clause			
No.	No.								
1.	Point no.								
	2 of RFP Notificati	S.No	Transmission System for Transmission Scheme for Evacuation of power from Rajasthan (8.1 GW) under ph	n solar energy zones in	S.No	Scheme for Evacuation of power from solar energy zones in Rajasthan (8.1 GW) under phase II - Part A			
	on		Name of Transmission Element	Scheduled COD in months from Effective Date		Name of Transmission Element	Scheduled COD in months from Effective Date		
		1.	Establishment of 400/220 kV, 4x500 MVA at Ramgarh – II PS with 420kV (2x125 MVAR) bus reactor		1.	Establishment of 400/220 kV, 4x500 MVA at Ramgarh – II PS with 420kV (2x125 MVAR) bus reactor	18 months		
			400/220kV, 500 MVA ICT – 4 400kV ICT bays – 4 220kV ICT bays – 4 400kV line bays – 4 220kV line bays – 7 125 MVAr, 420 kV bus reactor-2 420kV reactor bay – 2	18 months # (December 2021)		400/220kV, 500 MVA ICT – 4 400kV ICT bays – 4 220kV ICT bays – 4 400kV line bays – 4 220kV line bays – 7 125 MVAr, 420 kV bus reactor-2 420kV reactor bay – 2			
			Future provisions: Space for 400/220 kV ICTs along with bays: 2 400 kV line bays along with switchable line reactor:2 220 kV line bays:4 420 kV reactors along with bays: 1 220kV Bus sectionalizer bay: 2 nos. (one no. for each Main Bus)			Future provisions: Space for 400/220 kV ICTs along with bays: 2 400 kV line bays along with switchable line reactor:2 220 kV line bays:4 420 kV reactors along with bays: 1 220kV Bus sectionalizer bay: 2 nos. (one no. for each Main Bus)			
		2.	Ramgarh-II PS – Fatehgarh- II PS 400kV D/c line (Twin HTLS*)	18 months # (March, 2022)	2.	Ramgarh-II PS – Fatehgarh- II PS 400kV D/c line (Twin HTLS*)	18 months		
		3.	2 no. of 400 kV line bays at Fatehgarh- II for Ramgarh – II PS– Fatehgarh-II PS 400kV D/c line	18 months # (March, 2022)	3.	2 no. of 400 kV line bays at Fatehgarh- II for Ramgarh – II PS– Fatehgarh-II PS 400kV D/c line	18 months		

Sl.	Clause	Existin	g Provisions		New /	Revised Clause				
No.	No.									
		4.	Ramgarh –II PS– Jaisalmer-II (RVPN) 400 kV D/c line (Twin HTLS*)	<u>18 months</u> # (March, 2022)	4.	Ramgarh –II PS– Jaisalmer-II (RVPN) 400 kV D/c line (Twin HTLS*)	18 months			
		5.	2 no. of 400 kV line bays each at Jaisalmer- II for Ramgarh – II - Jaisalmer-II 400kV D/c line	18 months # (March, 2022)	5.	2 no. of 400 kV line bays each at Jaisalmer- II for Ramgarh – II - Jaisalmer-II 400kV D/c line	18 months			
		*with n	ninimum capacity of 2200 MVA or	n each circuit at nominal						
		voltage			voltage					
			uled COD in months is considered that in	· ·						
			<u>aber, 2020.</u> It is clarified that in ing Effective Date, the schedule	•						
			ingly to achieve Scheduled COD b	-						
			<b>3</b> ,	y <del></del>						
2.	1.2 of									
	RFP	S.No	Transmission System for Transmission Scheme for Evacuation of power from Rajasthan (8.1 GW) under ph	n solar energy zones in	S.No	Transmission System for Transmissio Scheme for Evacuation of power fron Rajasthan (8.1 GW) under ph	n solar energy zones in			
			Name of Transmission Element	Scheduled COD in months from Effective Date		Name of Transmission Element	Scheduled COD in months from Effective Date			
		1.	Establishment of 400/220 kV, 4x500 MVA at Ramgarh – II PS with 420kV (2x125 MVAR) bus reactor	18 months # (March, 2022)	1.	Establishment of 400/220 kV, 4x500 MVA at Ramgarh – II PS with 420kV (2x125 MVAR) bus reactor	18 months			
			400/220kV, 500 MVA ICT - 4 400kV ICT bays - 4 220kV ICT bays - 4 400kV line bays - 4 220kV line bays - 7			400/220kV, 500 MVA ICT – 4 400kV ICT bays – 4 220kV ICT bays – 4 400kV line bays – 4 220kV line bays – 7				
			125 MVAr, 420 kV bus reactor-2 420kV reactor bay – 2  Future provisions: Space for 400/220 kV ICTs along with bays: 2 400 kV line bays along with			125 MVAr, 420 kV bus reactor-2 420kV reactor bay – 2  Future provisions: Space for 400/220 kV ICTs along with bays: 2 400 kV line bays along with				
			switchable line reactor:2			switchable line reactor:2				

Sl.	Clause	Existing Provisions N						lew /	<b>Revised Clause</b>			
No.	No.											
			220 kV line bays:4 420 kV reactors along with 220kV Bus sectionalizer (one no. for each Main Bus	bay: 2 nos.					220 kV line bays:4 420 kV reactors along with 220kV Bus sectionalizer (one no. for each Main Bus	bay: 2 nos.		
		2.	Ramgarh-II PS – Fatehgarh- D/c line (Twin HTLS*)	II PS 400kV	<u>18 moi</u> (March,			2.	Ramgarh-II PS – Fatehgarh- D/c line (Twin HTLS*)		<u>18 mo</u>	<u>nths</u>
		3.	2 no. of 400 kV line bays at I II for Ramgarh – II PS– Fatel 400kV D/c line	ngarh-II PS	18 moi (March,	2022)		3.	2 no. of 400 kV line bays at 1 II for Ramgarh – II PS– Fate 400kV D/c line	hgarh-II PS	<u>18 mo</u>	
		4.	Ramgarh –II PS– Jaisalmer-I 400 kV D/c line (Twin HTLS	(*)	<u>18 moi</u> (March,			4.	Ramgarh -II PS- Jaisalmer-1 400 kV D/c line (Twin HTLS		<u>18 mo</u>	<u>nths</u>
		5.	2 no. of 400 kV line bays ead Jaisalmer- II for Ramgarh – Jaisalmer-II 400kV D/c line		18 moi (March,			5.	2 no. of 400 kV line bays ead Jaisalmer- II for Ramgarh – Jaisalmer-II 400kV D/c line		<u>18 mo</u>	<u>nths</u>
		*with minimum capacity of 2200 MVA on each circuit at nominal							minimum capacity of 22	00 MVA or	n each circu	it at nominal
		voltage					V	oltage	e			
			luled COD in months		_							
		_	<u>aber, 2020.</u> It is clarif			•						
			ing Effective Date, the			-						
		accord	ingly to achieve Schedu	iled COD b	y <u>March, 20</u>	<u>)22</u> .						
2	261.6				. 1 1			11 - 11			. 1 1	
3.	2.6.1 of		ments of the Project	-					ements of the Project	-		
	RFP	1 0	ssively as per the schedu	Scheduled	Percentage	g table; Element(s)	P	_	essively as per the schedu	Scheduled	Percentage	g table; Element(s)
			Element	COD in	of Quoted	which are			Element	COD in	of Quoted	which are
				months	Transmissi	pre-				months	Transmissi	pre-
				from	on Charges	required for				from	on Charges	required for
				Effective Date	recoverabl e on	declaring the				Effective Date	recoverabl e on	declaring the
				Dute	Scheduled	commercial				Dute	Scheduled	commercial
					COD of the	operation					COD of the	operation
					Element of	(COD) of the					Element of	(COD) of the
					the Project	respective Element					the Project	respective Element
		1.	Establishment of 400/220 kV, 4x500 MVA at Ramgarh	18 months #	100%	Elements marked at		1.	Establishment of 400/220 kV, 4x500 MVA at Ramgarh	18 months	100%	Elements marked at

Sl.	Clause	Existing Provisions					New / Revised Clause				
Sl. No.	Clause No.	Futur Space along 400 k switc 220 k 420 k bays: 2 20 kV bay: 2 Main E Ramga II PS 4 HTLS*  2 no. 0 3. Fatehg II PS—D/c lir	PS with 420kV (2x125 R) bus reactor  220kV, 500 MVA ICT –  V ICT bays – 4  V ICT bays – 4  V line bays – 4  V line bays – 7  MVAr, 420 kV bus or-2  V reactor bay – 2  The provisions:  The for 400/220 kV ICTs and the bays along with bays: 2  Ex V line bays along with bable line reactor: 2  Ex V line bays: 4  Ex V reactors along with bable line reactor: 2  Ex V line bays: 4  Ex V reactors along with bable line reactor: 2  Ex V line bays: 4  Ex V reactors along with ball line reactor: 2  Ex V line bays: 4  Ex V reactors along with ball line reactor: 2  Ex V line bays: 4  Ex V reactors along with ball line reactor: 2  Ex V line bays: 4  Ex V reactors along with ball line reactor: 2  Ex V line bays: 4  Ex V reactors along with ball line reactor: 2  Ex V line bays: 4  Ex V reactors along with ball line reactor: 2  Ex V line bays: 4  Ex V reactors along with ball line reactor: 2  Ex V line bays: 4  Ex V reactors along with ball line reactor: 2  Ex V line bays: 4  Ex V line b	(March, 2022)		Sl. No. 1 to 5 are required to be commission ed simultaneo usly as their utilization is dependent on commission ing of each other.	2. 3.	- II PS with 420kV (2x125 MVAR) bus reactor  400/220kV, 500 MVA ICT - 4  400kV ICT bays - 4  220kV ICT bays - 4  220kV line bays - 7  125 MVAr, 420 kV bus reactor-2  420kV reactor bay - 2  Future provisions: Space for 400/220 kV ICTs along with bays: 2  400 kV line bays along with switchable line reactor:2  220 kV line bays:4  420 kV reactors along with bays: 1  220kV Bus sectionalizer bay: 2 nos. (one no. for each Main Bus)  Ramgarh-II PS - Fatehgarh-II PS 400kV D/c line (Twin HTLS*)  2 no. of 400 kV line bays at Fatehgarh-II for Ramgarh - II PS- Fatehgarh-II PS 400kV D/c line			Sl. No. 1 to 5 are required to be commission ed simultaneo usly as their utilization is dependent on commission ing of each other.
		4. Ramga (RVPN (Twin 5. 2 no. o each a	ne arh –II PS– Jaisalmer-II I) 400 kV D/c line HTLS*) of 400 kV line bays t Jaisalmer- II for arh – II - Jaisalmer-II				5.	D/c line  Ramgarh -II PS- Jaisalmer-II (RVPN) 400 kV D/c line (Twin HTLS*)  2 no. of 400 kV line bays each at Jaisalmer- II for Ramgarh - II - Jaisalmer-II			

Sl.	Clause	Exis	ting Provisions				Ne	w/	<b>Revised Clause</b>			
No.	No.											
			400kV D/c line						400kV D/c line			
		*with	minimum capacity of 22	00 MVA or	n each circu	it at nominal	*w	ith	minimum capacity of 22	200 MVA oi	n each circu	iit at nominal
		volta	ge				vol	tage	e			
		#Sch	eduled COD in months	is conside	ering Effec	tive Date in						
		September, 2020. It is clarified that in case there is delay in achieving Effective Date, the schedule shall be compressed accordingly to achieve Scheduled COD by March, 2022.										
							Sch	ıedı	aled COD for overall Proje	ect: <b>18 mor</b>	ıths from Ef	fective Date.
		Scheduled COD for overall Project: <u>18 months</u> from Effective Date.							·			
4.	Point No.											
	8 of	8. W	e confirm that our Bid	meets the	Scheduled	COD of each	8.	We	confirm that our Bid	meets the	Scheduled	COD of each
	Annexur	trans	mission Element and the P	roject as sp	ecified belo	w:	tra	nsn	nission Element and the F	Project as sp	ecified belo	w:
	e 8 of	Sr.	Name of the Transmission	Scheduled	Percentage	Element(s)	Sı		Name of the Transmission	Scheduled	Percentage	Element(s)
	RFP	No	Element	COD in	of Quoted	which are	N	0	Element	COD in	of Quoted	which are
				months from	Transmissi on Charges	pre- required for				months from	Transmissi on Charges	pre- required for
				Effective	recoverabl	declaring				Effective	recoverabl	declaring
				Date	e on	the				Date	e on	the
					Scheduled	commercial					Scheduled	commercial
					COD of the Element of	operation (COD) of the					COD of the Element of	operation (COD) of the
					the Project	respective					the Project	respective
					, , , , , , , , , , , , , , , , , , , ,	Element					, , , , , ,	Element
		1.	Establishment of 400/220			Elements	1.		Establishment of 400/220			Elements
			kV, 4x500 MVA at Ramgarh			marked at			kV, 4x500 MVA at Ramgarh			marked at
			- II PS with 420kV (2x125			Sl. No. 1 to			- II PS with 420kV (2x125			Sl. No. 1 to
			MVAR) bus reactor	<u>18</u>		5 are			MVAR) bus reactor			5 are
			400/220kV, 500 MVA ICT -	months #		required to			400/220kV, 500 MVA ICT -	<u>18</u>		required to be
			4	(March,	100%	be commission			4	<u>months</u>	100%	commission
			400kV ICT bays – 4 220kV ICT bays – 4	2022)		ed			400kV ICT bays – 4 220kV ICT bays – 4			ed
			400kV line bays – 4			simultaneo			400kV line bays – 4			simultaneo
			220kV line bays – 7			usly as their			220kV line bays – 7			usly as their
			125 MVAr, 420 kV bus			utilization			125 MVAr, 420 kV bus			utilization
			reactor-2						reactor-2			

Sl.	Clause	Exis	ting Provisions				New	/ Revised Clause			
No.	No.				1						
NO.		2. 3.	Future provisions: Space for 400/220 kV ICTs along with bays: 2 400 kV line bays along with switchable line reactor:2 220 kV line bays:4 420 kV reactors along with bays: 1 220kV Bus sectionalizer bay: 2 nos. (one no. for each Main Bus)  Ramgarh-II PS – Fatehgarh-II PS 400kV D/c line (Twin HTLS*)  2 no. of 400 kV line bays at Fatehgarh-II for Ramgarh – II PS – Fatehgarh-II PS 400kV D/c line  Ramgarh – II PS – Jaisalmer-II (RVPN) 400 kV D/c line			is dependent on commission ing of each other.	2. 3. 4.	Future provisions: Space for 400/220 kV ICTs along with bays: 2 400 kV line bays along with switchable line reactor:2 220 kV line bays:4 420 kV reactors along with bays: 1 220kV Bus sectionalizer bay: 2 nos. (one no. for each Main Bus)  Ramgarh-II PS – Fatehgarh-II PS 400kV D/c line (Twin HTLS*)  2 no. of 400 kV line bays at Fatehgarh-II for Ramgarh – II PS Fatehgarh-II PS 400kV D/c line  Ramgarh – II PS – Jaisalmer-II (RVPN) 400 kV D/c line			is dependent on commission ing of each other.
		5.	(Twin HTLS*)  2 no. of 400 kV line bays each at Jaisalmer- II for Ramgarh – II - Jaisalmer-II 400kV D/c line				5.	(Twin HTLS*)  2 no. of 400 kV line bays each at Jaisalmer- II for Ramgarh – II - Jaisalmer-II 400kV D/c line			
			n minimum capacity of 22	200 MVA or	ı each circu	iit at nominal		n minimum capacity of 22	00 MVA or	each circu	it at nominal
		volta	O .				volta	ge			
			neduled COD in months		_						
		September, 2020. It is clarified that in case there		•							
		achieving Effective Date, the schedule shall be compressed									
		accordingly to achieve Scheduled COD by March, 2022.		Scheduled COD for overall Project: <b>18 months</b> from Effective Date.							

Sl.	Clause	Existin	g Provisions		New / Revised Clause				
No.	No.								
			lad COD for averall Duciect, 16 mon	the from Effective Date					
			led COD for overall Project: <b>16 mon</b>	ttis irom Effective Date.					
5.	Annexur		tion of the Bid Evaluation/Cor	nputation of Levelized		d Excel has been emailed to the	O		
	e 23 of	Transm	ission Charges			t Person as provided by you in y	our Response submitted		
	RFP	1 0 D			U	RFP stage.			
6.	Schedule		ect Scope:	Completion Towart		ject Scope:	Commission Toward		
	2 of TSA	Sl. No	Scope of Transmission Scheme	Completion Target	Sl. No	Scope of Transmission Scheme	Completion Target		
		1.	Establishment of 400/220 kV, 4x500 MVA at Ramgarh – II PS with 420kV (2x125 MVAR) bus reactor  400/220kV, 500 MVA ICT – 4 400kV ICT bays – 4 220kV ICT bays – 4 400kV line bays – 4 220kV line bays – 7 125 MVAr, 420 kV bus reactor-2 420kV reactor bay – 2	18 months # (March, 2022)	1.	Establishment of 400/220 kV, 4x500 MVA at Ramgarh – II PS with 420kV (2x125 MVAR) bus reactor  400/220kV, 500 MVA ICT – 4 400kV ICT bays – 4 220kV ICT bays – 4 400kV line bays – 4 220kV line bays – 7 125 MVAr, 420 kV bus reactor-2 420kV reactor bay – 2	18 months		
			Future provisions: Space for 400/220 kV ICTs along with bays: 2 400 kV line bays along with switchable line reactor:2 220 kV line bays:4 420 kV reactors along with bays: 1 220kV Bus sectionalizer bay: 2 nos. (one no. for each Main Bus)	40 11 11		Future provisions: Space for 400/220 kV ICTs along with bays: 2 400 kV line bays along with switchable line reactor:2 220 kV line bays:4 420 kV reactors along with bays: 1 220kV Bus sectionalizer bay: 2 nos. (one no. for each Main Bus)	40		
		2.	Ramgarh-II PS – Fatehgarh- II PS 400kV D/c line (Twin HTLS*)	<u>18 months</u> # (March, 2022)	2.	Ramgarh-II PS – Fatehgarh- II PS 400kV D/c line (Twin HTLS*)	18 months		
		3.	2 no. of 400 kV line bays at Fatehgarh- II for Ramgarh – II PS– Fatehgarh-II PS 400kV D/c line	18 months # (March, 2022)	3.	2 no. of 400 kV line bays at Fatehgarh- II for Ramgarh – II PS– Fatehgarh-II PS 400kV D/c line	18 months		
		4.	Ramgarh -II PS- Jaisalmer-II (RVPN)	<u>18 months</u> #	4.	Ramgarh -II PS- Jaisalmer-II (RVPN)	18 months		

Sl.	Clause	Existing Provisions						ew /	/ Revised Clause				
No.	No.												
		5.	400 kV D/c line (Twin HTLS 2 no. of 400 kV line bays ead Jaisalmer- II for Ramgarh – Jaisalmer-II 400kV D/c line minimum capacity of 22	ch at II -	18 mon (March,	(March, 2022)  18 months # (March, 2022)  h circuit at nominal			400 kV D/c line (Twin HTLS*)  2 no. of 400 kV line bays each at Jaisalmer- II for Ramgarh – II - Jaisalmer-II 400kV D/c line  *with minimum capacity of 2200 MVA on each circuit at nor				
		woltage #Scheduled COD in months is considering Effective Date in September, 2020. It is clarified that in case there is delay in achieving Effective Date, the schedule shall be compressed accordingly to achieve Scheduled COD by March, 2022							voltage 				
7.	Schedule 3 of TSA	Sr. No	Name of the Transmission Element	Scheduled COD in months from Effective Date	Percentage of Quoted Transmissi on Charges recoverabl e 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 Transmissi on Charges recoverabl e 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 400/220 kV, 4x500 MVA at Ramgarh – II PS with 420kV (2x125 MVAR) bus reactor 400/220kV, 500 MVA ICT – 4 400kV ICT bays – 4 220kV ICT bays – 4 400kV line bays – 4 220kV line bays – 7 125 MVAr, 420 kV bus reactor-2 420kV reactor bay – 2	18 months # (March, 2022)	100%	Elements marked at Sl. No. 1 to 5 are required to be commission ed simultaneo usly as their utilization is dependent	1		Establishment of 400/220 kV, 4x500 MVA at Ramgarh – II PS with 420kV (2x125 MVAR) bus reactor 400/220kV, 500 MVA ICT – 4 400kV ICT bays – 4 220kV ICT bays – 4 400kV line bays – 4 220kV line bays – 7 125 MVAr, 420 kV bus reactor-2 420kV reactor bay – 2	18 months	100%	Elements marked at Sl. No. 1 to 5 are required to be commission ed simultaneo usly as their utilization is dependent	

Sl.	Clause	Existing Provisions						/ Revised Clause			
No.	No.										
			Future provisions: Space for 400/220 kV ICTs along with bays: 2 400 kV line bays along with switchable line reactor:2 220 kV line bays:4 420 kV reactors along with bays: 1 220kV Bus sectionalizer bay: 2 nos. (one no. for each Main Bus)			on commission ing of each other.		Future provisions: Space for 400/220 kV ICTs along with bays: 2 400 kV line bays along with switchable line reactor:2 220 kV line bays:4 420 kV reactors along with bays: 1 220kV Bus sectionalizer bay: 2 nos. (one no. for each Main Bus)			on commission ing of each other.
		2.	Ramgarh-II PS – Fatehgarh- II PS 400kV D/c line (Twin HTLS*)				2.	Ramgarh-II PS – Fatehgarh- II PS 400kV D/c line (Twin HTLS*)			
		3.	2 no. of 400 kV line bays at Fatehgarh- II for Ramgarh – II PS– Fatehgarh-II PS 400kV				3.	2 no. of 400 kV line bays at Fatehgarh- II for Ramgarh – II PS– Fatehgarh-II PS 400kV			
		4.	D/c line  Ramgarh –II PS– Jaisalmer-II  (RVPN) 400 kV D/c line  (Twin HTLS*)				4.	D/c line  Ramgarh –II PS– Jaisalmer-II  (RVPN) 400 kV D/c line  (Twin HTLS*)			
		5.	2 no. of 400 kV line bays each at Jaisalmer- II for Ramgarh – II - Jaisalmer-II 400kV D/c line				5.	2 no. of 400 kV line bays each at Jaisalmer- II for Ramgarh – II - Jaisalmer-II 400kV D/c line			
		*with	minimum capacity of 220	00 MVA on	each circu	it at nominal	*with	minimum capacity of 22	00 MVA or	each circu	it at nominal
			O .	is conside	ering Fffe	tive Date in	Voita	50			
		#Scheduled COD in months is considering Effective Date in September, 2020. It is clarified that in case there is delay in									
		achieving Effective Date, the schedule shall be compressed									
		accordingly to achieve Scheduled COD by March, 2022.			Sched	luled COD for overall Proje	ect: <b>18 mon</b>	<u>ths</u> from Ef	fective Date.		
		 Sche	duled COD for overall Proje	ct: <b>18 mon</b>	<b>ths</b> from Ef	fective Date.					