to

Request for Proposal (RfP) and Transmission Service Agreement (TSA) for selection of Transmission Service Provider through tariff based competitive bidding process for "Transmission system for evacuation of power from Pakaldul HEP in Chenab Valley HEPs - Connectivity System"

S. No.		Existing Provision		Amended Provision						
1.		2 of RfP Notification of RfP Document  nsmission System for Evacuation of Power from Paka  Chenab Valley HEPs -Connectivity System	ldul HEP in	S. No. 2 of RfP Notification of RfP Document  Transmission System for Evacuation of Power from Pakaldul HEP in Chenab Valley HEPs -Connectivity System						
	S. No.	Name of Transmission Element	Scheduled COD in months from Effective Date	S. No.	Name of Transmission Element	Scheduled COD in months from Effective Date				
	1.	Establishment of 400/132 kV pooling station at Kishtwar (GIS) along with 420 kV, 125 MVAR Bus Reactor at Kishtwar pooling station by LILO of one circuit of Kishenpur – Dulhasti 400kV D/C (Quad) line (Single Circuit Strung)  i. 400 kV pooling station with 420 kV, 125 MVAR Bus Reactor - 1 no.  ii. Reactor Bay - 1 no.  Future Scope: Space for  i. 765/400 kV ICT along with bays - 3 nos.  ii. 400/220 kV ICT along with bays - 2 nos.  iii. 400/132 kV ICT along with bays - 2 nos.  iv. 765 kV line bays along with switchable line reactor - 6 nos.  v. 400 kV Line bays - 8 nos.  vi. 220 kV Line bays - 2 nos.  vii. 132 kV Line bays - 2 nos.	Matching Timeframe of Pakaldul HEP i.e. 01.04.2025	1.	Establishment of 400/132 kV pooling station at Kishtwar (GIS) along with Bus Reactor at Kishtwar pooling station by LILO of one circuit of Kishenpur – Dulhasti 400kV D/C (Quad) line (Single Circuit Strung)  i. 400 kV pooling station with 420 kV, 41.67 MVAR, I-Phase Bus Reactor - 4 nos. (including one spare unit)  ii. Reactor Bay - 1 no.  Future Scope: Space for  i. 765/400 kV ICT along with bays - 3 nos.  ii. 400/220 kV ICT along with bays - 2 nos.  iii. 400/132 kV ICT along with bays - 2 nos.  iv. 765 kV line bays along with switchable line reactor - 6 nos.  v. 400 kV Line bays - 8 nos.  vi. 220 kV Line bays - 4 nos.	Matching Timeframe of Pakaldul HEP i.e. 01.04.2025				

S. No.		Existing Provision	Amended Provision					
	<ol> <li>2.</li> <li>3.</li> <li>5.</li> </ol>	circuit of Kishenpur – Dulhasti 400 kV D/c (Quad) line 400kV line bays – 2 Nos.  1 No. of 400 kV line bay at Kishtwar (GIS) for 2nd circuit stringing of Kishtwar- Kishenpur section 400kV line bay – 1 No.  2x200 MVA, 400/132 kV ICT along with associated bays at Kishtwar Pooling station i. 200 MVA, 400/132kV ICT- 2 nos. ii. 400 kV ICT bays – 2 nos. iii. 132kV ICT bays – 2 nos. iv. 132kV Bus Coupler bay - 1 no.#			2. 3. 4.	viii. 765 kV Reactor along with bays - 1 nos.  ix. 400 kV Reactor along with bays - 1 nos.  LILO of one circuit of Kishenpur – Dulhasti 400 kV D/c (Quad) line at Kishtwar  2 Nos. of 400 kV bays at Kishtwar (GIS) for LILO of one circuit of Kishenpur – Dulhasti 400 kV D/c (Quad) line  400kV line bays – 2 Nos.  1 No. of 400 kV line bay at Kishtwar (GIS) for 2nd circuit stringing of Kishtwar- Kishenpur section  400kV line bay – 1 No.  7x66.67 MVA, I-Phase 400/132 kV ICT along with associated bays at Kishtwar Pooling station  i. 66.67 MVA, I-Phase 400/132kV ICT- 7 nos. (including one spare unit)  ii. 400 kV ICT bays – 2 nos.  iii. 132kV ICT bays – 2 nos.  iv. 132kV Bus Coupler bay - 1 no.#	Matching Timeframe of Kishtwar pooling Station	
	SL No. 1-4: to be implemented in matching timeframe of Pakaldul HFP i.e.				6. 4 nos. of 132 kV bays 132 kV line bays (GIS)- 4 nos.  # To fulfill the requirement of bus switching scheme.  Note:  i. Implementation Timeframe:  SI. No. 1-4: to be implemented in matching timeframe of Pakaldul HEP 01.04.2025  SI. No. 5-6: to be implemented in matching timeframe of Kishtwar pools Station			

S. No.		Existing Provision	Amended Provision							
2.		No. 1.2, Section 1: Introduction of RfP Document arule 2 of TSA	nd S. No. 2 of		No. 1.2, Section 1: Introduction of RfP Document and ule 2 of TSA	nd S. No. 2 of				
	Tra	nsmission System for Evacuation of Power from Paka Chenab Valley HEPs - Connectivity System	ldul HEP in	Tra	Transmission System for Evacuation of Power from Pakaldul HEP in Chenab Valley HEPs - Connectivity System					
	S. No.	Name of Transmission Element	Scheduled COD in months from Effective Date	S. No.	Name of Transmission Element	Scheduled COD in months from Effective Date				
	1.	Establishment of 400/132 kV pooling station at Kishtwar (GIS) along with 420 kV, 125 MVAR Bus Reactor at Kishtwar pooling station by LILO of one circuit of Kishenpur – Dulhasti 400kV D/C (Quad) line (Single Circuit Strung)		1.	Establishment of 400/132 kV pooling station at Kishtwar (GIS) along with Bus Reactor at Kishtwar pooling station by LILO of one circuit of Kishenpur – Dulhasti 400kV D/C (Quad) line (Single Circuit Strung)					
		<ul><li>i. 400 kV pooling station with 420 kV, 125 MVAR Bus Reactor - 1 no.</li><li>ii. Reactor Bay - 1 no.</li></ul>			i. 400 kV pooling station with 420 kV, 41.67 MVAR, I-Phase Bus Reactor - 4 nos. (including one spare unit)					
		Future Scope: Space for			ii. Reactor Bay - 1 no.					
		i. 765/400 kV ICT along with bays - 3 nos.	Matching		Future Scope: Space for	Matching				
		ii. 400/220 kV ICT along with bays - 2 nos.	Timeframe of Pakaldul		i. 765/400 kV ICT along with bays - 3 nos.	Timeframe of Pakaldul				
		iii. 400/132 kV ICT along with bays - 2 nos.	HEP i.e.		ii. 400/220 kV ICT along with bays - 2 nos.	HEP i.e.				
		iv. 765 kV line bays along with switchable line	01.04.2025		iii. 400/132 kV ICT along with bays - 2 nos.	01.04.2025				
		reactor - 6 nos.			iv. 765 kV line bays along with switchable line					
		v. 400 kV Line bays - 8 nos.			reactor - 6 nos.					
		vi. 220 kV Line bays - 2 nos.			v. 400 kV Line bays - 8 nos.					
		vii. 132 kV Line bays - 2 nos.			vi. 220 kV Line bays - 4 nos.					
		viii. 765 kV Reactor along with bays - 1 nos.			vii. 132 kV Line bays - 2 nos.					
		ix. 400 kV Reactor along with bays - 1 nos.			viii. 765 kV Reactor along with bays - 1 nos. ix. 400 kV Reactor along with bays - 1 nos.					
	2.	LILO of one circuit of Kishenpur – Dulhasti 400 kV			ix. 400 kV Reactor along with bays - 1 nos.					

S.		Existing Provision		Amended Provision				
No.	3. 4. 5.	D/c (Quad) line at Kishtwar  2 Nos. of 400 kV bays at Kishtwar (GIS) for LILO of one circuit of Kishenpur — Dulhasti 400 kV D/c (Quad) line  400kV line bays — 2 Nos.  1 No. of 400 kV line bay at Kishtwar (GIS) for 2nd circuit stringing of Kishtwar- Kishenpur section  400kV line bay — 1 No.  2x200 MVA, 400/132 kV ICT along with associated bays at Kishtwar Pooling station  i. 200 MVA, 400/132kV ICT- 2 nos.  ii. 400 kV ICT bays — 2 nos.  iii. 132kV ICT bays — 2 nos.  iv. 132kV Bus Coupler bay - 1 no.#  4 nos. of 132 kV bays  132 kV line bays (GIS)- 4 nos.	Matching Timeframe of Kishtwar pooling Station	<ul><li>2.</li><li>3.</li><li>4.</li><li>5.</li><li>6.</li></ul>	LILO of one circuit of Kishenpur – Dulhasti 400 kV D/c (Quad) line at Kishtwar  2 Nos. of 400 kV bays at Kishtwar (GIS) for LILO of one circuit of Kishenpur – Dulhasti 400 kV D/c (Quad) line  400kV line bays – 2 Nos.  1 No. of 400 kV line bay at Kishtwar (GIS) for 2nd circuit stringing of Kishtwar- Kishenpur section  400kV line bay – 1 No.  7x66.67 MVA I-Phase, 400/132 kV ICT along with associated bays at Kishtwar Pooling Station  i. 66.67 MVA, I-Phase, 400/132kV ICT- 7 nos. (including one spare unit)  ii. 400 kV ICT bays – 2 nos.  iii. 132kV ICT bays – 2 nos.  iv. 132kV Bus Coupler bay - 1 no.#  4 nos. of 132 kV bays	Matching Timeframe of Kishtwar pooling Station		
3.	Note: i. Im SI. 01 SI. Sto	ulfill the requirement of bus switching scheme.  Inplementation Timeframe:  No. 1-4: to be implemented in matching timeframe of Pal.04.2025  No. 5-6: to be implemented in matching timeframe of Kisation  Per No. 2.6.1, Section 2: Information and Instruction for Innent and Schedule 3 of TSA	# To fulfill the requirement of bus switching scheme.  Note:  i. Implementation Timeframe:  SI. No. 1-4: to be implemented in matching timeframe of Pakaldul HE 01.04.2025  SI. No. 5-6: to be implemented in matching timeframe of Kishtwar postation  Clause No. 2.6.1, Section 2: Information and Instruction for bidders of document and Schedule 3 of TSA					

S. No.	Existing Provision						Amended Provision					
	S. 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		S. 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 400/132 kV pooling station at Kishtwar (GIS) along with 420 kV, 125 MVAR Bus Reactor at Kishtwar pooling station by LILO of one circuit of Kishenpur – Dulhasti 400kV D/C (Quad) line (Single Circuit Strung)	Matching Timeframe of Pakaldul	12%	Elements marked at SI. No. 1, 2 & 3 are required to be commissioned simultaneously as their utilization is dependent on commissioning of each other.	3 // // // // // // // // // // // // //	1.	Establishment of 400/132 kV pooling station at Kishtwar (GIS) along with Bus Reactors at Kishtwar pooling station by LILO of one circuit of Kishenpur – Dulhasti 400kV D/C (Quad) line (Single Circuit Strung)	Matching Timeframe of Pakaldul	12%	Elements marked at SI. No. 1, 2 & 3 are required to be commissioned simultaneously as their utilization is dependent on commissioning of each other.	
	2.	LILO of one circuit of Kishenpur – Dulhasti 400 kV D/c (Quad) line at Kishtwar	HEP i.e. 01.04.2025	29%		29%	2.	2.	LILO of one circuit of Kishenpur – Dulhasti 400 kV D/c (Quad) line at Kishtwar	HEP i.e. 01.04.2025	29%	
	3.	2 Nos. of 400 kV bays at Kishtwar (GIS) for LILO of one circuit of Kishenpur – Dulhasti 400 kV D/c (Quad) line (Single Circuit Strung)		15%			3.	2 Nos. of 400 kV bays at Kishtwar (GIS) for LILO of one circuit of Kishenpur – Dulhasti 400 kV D/c (Quad) line (Single		15%		

) <b>.</b>	Existing Provision						Amended Provision				
	<ol> <li>4.</li> <li>5.</li> <li>6.</li> </ol>	1 No. of 400 kV line bay at Kishtwar (GIS) for 2 <sup>nd</sup> circuit stringing of Kishtwar - Kishenpur section  2x200 MVA, 400/132 kV ICT along with associated bays at Kishtwar Pooling station  4 nos. of 132kV line bays (GIS) at Kishtwar Pooling station	Matching Timeframe of Kishtwar pooling Station	37%	Element marked at SI. No. 4 is required to be commissioned for 2nd circuit stringing of Kishtwar- Kishenpur section – being implemented by POWERGRID.  Elements marked at SI. No. 5 & 6 are required to be commissioned simultaneously as their utilization is dependent on commissioning of each other.	4.         5.         6.	Circuit Strung)  1 No. of 400 kV line bay at Kishtwar (GIS) for 2 <sup>nd</sup> circuit stringing of Kishtwar - Kishenpur section  7x66.67 MVA I-Phase, 400/132 kV ICT along with associated bays at Kishtwar Pooling station  4 nos. of 132kV line bays (GIS) at Kishtwar Pooling	Matching Timeframe of Kishtwar pooling Station	37%	Element marked at SI. No. 4 is required to be commissioned for 2nd circuit stringing of Kishtwar- Kishenpur section – being implemented by POWERGRID.  Elements marked at SI. No. 5 & 6 are required to be commissioned simultaneously as their utilization is dependent on	
,	SI. 01 SI. Sto	No. 1-4: to be impleme .04.2025 No. 5-6: to be impleme ation  8 of Annexure-8 of RfP	nted in matchi		of Pakaldul HEP i.e.	SI. 01 SI. Sta	station  Inplementation Timefram  No. 1-4: to be impleme  .04.2025  No. 5-6: to be implementation  8 of Annexure-8 of RfP	ented in match			

S. No.			Existing Provi	sion		Amended Provision				
	S. 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	S. 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 400/132 kV pooling station at Kishtwar (GIS) along with 420 kV, 125 MVAR Bus Reactor at Kishtwar pooling station by LILO of one circuit of Kishenpur – Dulhasti 400kV D/C (Quad) line (Single Circuit Strung)	Matching Timeframe	12%	Elements marked at SI. No. 1, 2 & 3 are required to be commissioned simultaneously as their utilization is dependent on commissioning of each other.	1.	Establishment of 400/132 kV pooling station at Kishtwar (GIS) along with Bus Reactors at Kishtwar pooling station by LILO of one circuit of Kishenpur – Dulhasti 400kV D/C (Quad) line (Single Circuit	Matching Timeframe of Pakaldul	12%	Elements marked at SI. No. 1, 2 & 3 are required to be commissioned simultaneously as their utilization is dependent on commissioning of each other.
	2.	LILO of one circuit of Kishenpur – Dulhasti 400 kV D/c (Quad) line at Kishtwar	our – HEP i.e. kV D/c 01.04.2025		2.	Strung)  LILO of one circuit of Kishenpur – Dulhasti 400 kV D/c (Quad) line at Kishtwar	HEP i.e. 01.04.2025	29%		
	3.	2 Nos. of 400 kV bays at Kishtwar (GIS) for LILO of one circuit of Kishenpur – Dulhasti 400 kV D/c (Quad) line (Single Circuit Strung)		15%		3.	2 Nos. of 400 kV bays at Kishtwar (GIS) for LILO of one circuit of Kishenpur — Dulhasti 400 kV D/c (Quad) line (Single		15%	

S. No.			Existing Provi	sion		Amended Provision					
	4.	1 No. of 400 kV line bay at Kishtwar (GIS) for 2 <sup>nd</sup> circuit stringing of Kishtwar - Kishenpur section		7%	Element marked at SI. No. 4 is required to be commissioned for 2nd circuit stringing of Kishtwar- Kishenpur section – being implemented by POWERGRID.	4.	Circuit Strung)  1 No. of 400 kV line bay at Kishtwar (GIS) for 2 <sup>nd</sup> circuit stringing of Kishtwar - Kishenpur section		7%	Element marked at SI. No. 4 is required to be commissioned for 2nd circuit stringing of Kishtwar- Kishenpur section – being implemented	
	5.	2x200 MVA, 400/132 kV ICT along with associated bays at Kishtwar Pooling station  4 nos. of 132kV line bays (GIS) at Kishtwar Pooling station	Matching Timeframe of Kishtwar pooling Station	37%	Elements marked at SI. No. 5 & 6 are required to be commissioned simultaneously as their utilization is dependent on commissioning of each other.	5.	7x66.67 MVA I-Phase, 400/132 kV ICT along with associated bays at Kishtwar Pooling station  4 nos. of 132kV line bays (GIS) at Kishtwar Pooling station	Matching Timeframe of Kishtwar pooling Station	37%	by POWERGRID.  Elements marked at SI. No. 5 & 6 are required to be commissioned simultaneously as their utilization is dependent on commissioning	
5.	Note:  i. Implementation Timeframe:  SI. No. 1-4: to be implemented in matching timeframe of Pakaldul HEP i.e. 01.04.2025  SI. No. 5-6: to be implemented in matching timeframe of Kishtwar pooling Station  SI. no. 3 of Format 1 of Annexure-8 (Bidder's Undertaking) of RfP document  We give our unconditional acceptance to the RFP dated March 06, 2020						Note:  i. Implementation Timeframe:  SI. No. 1-4: to be implemented in matching timeframe of Pakaldul HEP i.e. 01.04.2025  SI. No. 5-6: to be implemented in matching timeframe of Kishtwar pooling Station  SI. no. 3 of Format 1 of Annexure-8 (Bidder's Undertaking) of RfP document				
	_	give our unconditional and the	-			We give our unconditional acceptance to the RFP dated <b>February 04, 2021</b> issued by the BPC and the RFP Project Documents, as amended, and					

S.		Evi	sting Provision		Amended Provision						
No.		EAI	Stille Provision			AIIIC	iliueu Plovisioli				
		ake to ensure that the		the Share Purchase		undertake to ensure that the TSP shall execute the Share Purchase					
	Agreen	nent as per the provisions	of this RFP.		Agreer	nent as per the provisions	of this RFP.				
6.	Clause	no. B.2.0: Substation Eq	uinment and facilities	of Specific Technical	Clause	no. B.2.0: Substation Equ	inment and facilities	of Specific Technical			
0.		ements for Substation	dipinent and racinties	o or specific reciffical		ements for Substation	aipinent and racinties	or specific reciffical			
					-						
		vitchgear shall be desigr	•	-	The switchgear shall be designed and specified to withstand operating						
		ons and duty requirem		t shall be designed		conditions and duty requirements. All equipment shall be designed					
	conside	ering the transmission line	capacity.		considering the transmission line capacity.						
	SI.	Description of bay	400kV Kishtwar	132 kV Kishtwar	SI.	Description of bay	400kV Kishtwar	132 kV Kishtwar			
	No.		(GIS) S/S	(GIS) S/S	No.		(GIS) S/S	(GIS) S/S			
			400kV	132kV			400kV	132kV			
		Dua Dan	C000A	20004		Due De e	50004	20004			
	1.	Bus Bar	6000A	3000A	1.	Bus Bar	5000A	3000A			
	2.	Line bay	3150A	1000A	2.	Line bay	3150A	1000A			
	4.	Bus Reactor bay	3150A	-	4.	Bus Reactor bay	3150A	-			
	5.	ICT bay	3150A	1000A	5.	ICT bay	3150A	1000A			
	6.	Bus Coupler Bay	-	3000A	6.	Bus Coupler Bay	-	3000A			