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 for "Transmission System Strengthening Scheme For Evacuation Of Power From Solar Energy Zones In Rajasthan (8.1 GW) Under Phase-II Part-G"

S. No		Existing Provision					Amended Provision	1		
1.	Requireme	nts for Transmiss	Amendment No. 3 ion Line tor configuration sh Equivalent AAAC conductor based on 53.5% conductivity of Al Alloy Stranding details: 61/3.19mm 28.71 mm diameter; 487.5 sq.mm Aluminium alloy area	Equivalent AL59 conductor based on 59%	Sub- conduct or	Requireme	ents for Transmiss	Amendment No. 3 ion Line tor configuration sh Equivalent minimum size of AAAC conductor based on 53.5% conductivity of Al Alloy Stranding details: 61/3.19mm 28.71 mm diameter; 487.5 sq.mm Aluminium alloy area	Equivalent minimum size of AL59 conductor	
2.	Standard Specifications and technical Parameters for Transformers and Reactors (66 kV & above voltage class), Chapter-2 Technical Specifications for Transformers and Reactors, Clause 7.0 DYNAMIC SHORT CIRCUIT TEST REQUIREMENT AND VALIDITY			Reactors (6 for Transfo	66 kV & above voormers and React ENT AND VALIDIT	d technical Paramoltage class), Chaptoors, Clause 7.0 DYI	er-2 Technical Sp NAMIC SHORT CI	ecifications RCUIT TEST		

S. No					Amended Provision transformers would be applicable for projects for which bid invitation date is after 31 st August 2023.					
3.	Clause 2.1 of Annexure-1 to Amendment No. 3 - Revised Specific Technical Requirements for Substation Clause 2.1 (765/√3) / (400/√3) / 33 kV Single Phase Autotransformer Transformer shall conform to IEC 60076 HV, IV and LV bushing shall be RIP (resin impregnated paper condenser)				Clause 2.1 of Annexure-1 to Amendment No. 3 - Revised Specific Technical Requirements for Substation Clause 2.1 (765/ $\sqrt{3}$) / (400/ $\sqrt{3}$) / 33 kV Single Phase Autotransformer					
					I the major technical particulars / parameters of transformer are given below:					
	with composite insulator type. 36kV Neutral bushing shall be solid porcelain or oil communicating type.					Technical Particulars / Parameters of 500MVA, 400/220/33kV, 3-				
	The major technical particulars / parameters of transformer are given below:				Sl. No.	Autotransformer Description	Unit	Technical		
	Technical Particulars / Parameters of 500MVA, 400/220/33kV, 3-Phase				1.			Parameters (7.65 / /2) / (400 /		
	Autotransformer Sl. No. Description		Unit	Unit Technical Parameters		Voltage ratio (Line to ground)	kV	$(765/\sqrt{3})/(400/\sqrt{3})/33 \text{ kV}$		
	1.	•		$(765/\sqrt{3})/(400/$	2.					
		Voltage ratio (Line to ground)	kV	$\sqrt{3}$)/33 kV						
	2.				15.					
	15.									
4.	Clause 2.2 of Annexure-1 to Amendment No. 3 - Revised Specific Technical Requirements for Substation					.2 of Annexure-1 to Amendment ments for Substation	No. 3 - F	Revised Specific Technical		
	Clause 2.2 765/ $\sqrt{3}$ kV Single Phase Shunt Reactor				Clause 2.2 765/√3 kV Single Phase Shunt Reactor					
	Reactor shall conform to IEC 60076-6 The reactor shall be complete with all required accessories, Bushing CTs, marshalling box etc as required for satisfactory operations of reactor. HV and Neutral bushings shall be RIP (resin impregnated paper condenser) with				420 kV Shunt Reactor shall be as per "Standard Specifications and Technical Parameters for Transformers and Reactors (66 kV and above)" available on CEA website shall be followed.					
					The Technical Particulars / Parameters of 1-phase, 110 MVAr, 765/V3 kV Shunt Reactor are given below:					
	composit	e insulator type.			SI. No.	Description	Unit	Technical		

S. Existing Provision The Technical Particulars / Parameters of 1-phase, 110 MVAr, 765/V3 kV Shunt Reactor are given below: The Description Provision Prov

Sl. No.	Description	Unit	Technical Parameters
1.1	Rated capacity at 765/v3 kV	MVAr	110
1.2			
1.16			

			Parameters
1.1	Rated capacity at 765/v3 kV	MVAr	110
1.2			
1.16			

Amended Provision

5. Point No. 9 of RfP Notification to RfP

Issue of RFP document

The detailed terms and conditions for qualification and selection of the Transmission Service Provider for the Project and for submission of Bid are indicated in the RFP document. All those interested in purchasing the RFP document may respond in writing to Senior Vice President Tel. +91 11 23443904, Fax +91 11 23443990, Email: pfccl.itp@pfcindia.com, PFC Consulting Limited at the address given in para 12 below with a non-refundable fee of Rs. 5,00,000/- (Rupees Five Lakh Only) or US\$ 7000/- (US Dollars Seven Thousand Only) plus 18% GST, in the form of a demand draft in favour of "PFC Consulting Limited" payable at New Delhi, latest by 13/09/2021 or through electronic transfer in the following Bank Account:

Account No. : 000705036117

Bank : ICICI Bank,

IFSC : ICIC0000007

Branch : 9A, Phelps, Connaught Place, New Delhi – 110001

The RFP document shall be issued to the Bidders on any working day from 06/03/2020 to 13/09/2021 between 1030 hours (IST) to 1600 hours (IST). BPC, on written request and against payment of the above mentioned fee by any Bidder shall promptly dispatch the RFP document to such Bidder by registered mail/ air mail. BPC shall, under no circumstances, be held responsible for late delivery or loss of documents so mailed.

Point No. 9 of RfP Notification to RfP

Issue of RFP document

The detailed terms and conditions for qualification and selection of the Transmission Service Provider for the Project and for submission of Bid are indicated in the RFP document. All those interested in purchasing the RFP document may respond in writing to Chief General Manager Tel. +91 11 23443904, Fax +91 11 23443990, Email: pfccl.itp@pfcindia.com, PFC Consulting Limited at the address given in para 12 below with a non-refundable fee of Rs. 5,00,000/- (Rupees Five Lakh Only) or US\$ 7000/- (US Dollars Seven Thousand Only) plus 18% GST, in the form of a demand draft in favour of "PFC Consulting Limited" payable at New Delhi, latest by 14/10/2021 or through electronic transfer in the following Bank Account:

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Bank : ICICI Bank,

IFSC : ICIC0000007

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S. No	Existing Provision	Amended Provision			
6.	Point No. 10 of RfP Notification to RfP	Point No. 10 of RfP Notification to RfP			
	Receipt and opening of Bid	Receipt and opening of Bid			
	Scanned Copy of the Technical Bid must be uploaded online through the electronic bidding platform on or before 1200 hours (IST) on 15/09/2021. In addition to the above, the Technical Bid in one (1) original plus one (1) copy, must be delivered to the address as given in Para12 below on or before 1200 hours (IST) on 15/09/2021 and Technical Bid will be opened on the same day at 1230 hours (IST)at PFC Consulting Limited, 9 th Floor, A-Wing, Statesman House, Connaught Place, New Delhi - 110001, India in the presence of Bidders' representatives who wish to attend. If the Bid Deadline is a public holiday at the place of submission of Bid, it shall be received and opened on the next working day at the same time and venue. Bidders meeting the Qualification Requirements, subject to evaluation as specified in Clause 3.2 to 3.4 shall be declared as "Qualified Bidders" and eligible for opening of Initial Offer.	Scanned Copy of the Technical Bid must be uploaded online through the electronic bidding platform on or before 1500 hours (IST) on 18/10/2021 . In addition to the above, the Technical Bid in one (1) original plus one (1) copy, must be delivered to the address as given in Para12 below on or before 1500 hours (IST) on 18/10/2021 and Technical Bid will be opened on the same day at 1530 hours (IST) at PFC Consulting Limited, 9 th Floor, A-Wing, Statesman House, Connaught Place, New Delhi - 110001, India in the presence of Bidders' representatives who wish to attend. If the Bid Deadline is a public holiday at the place of submission of Bid, it shall be received and opened on the next working day at the same time and venue. Bidders meeting the Qualification Requirements, subject to evaluation as specified in Clause 3.2 to 3.4 shall be declared as "Qualified Bidders" and eligible for opening of Initial Offer.			
7.	Clause No 2.9.2 of RfP	Clause No 2.9.2 of RfP			
	Due for opening on 15.09.2021	Due for opening on 18.10.2021			
8.	Clause No 2.10.2 of RfP	Clause No 2.10.2 of RfP			
	The cost of this RFP is Rupees Five Lakhs Only (Rs. 5,00,000/- or U.S. Dollar Seven Thousand Only (US\$ 7000/-) plus 18% GST, which shall be non-refundable. This amount shall be payable by a crossed demand draft or banker's cheque drawn in favour of "PFC Consulting Limited", payable at New Delhi latest by 13/09/2021 or through electronic transfer in the following Bank Account:	The cost of this RFP is Rupees Five Lakhs Only (Rs. 5,00,000/- or U.S. Dollar Seven Thousand Only (US\$ 7000/-) plus 18% GST, which shall be non-refundable. This amount shall be payable by a crossed demand draft or banker's cheque drawn in favour of "PFC Consulting Limited", payable at New Delhi latest by 14/10/2021 or through electronic transfer in the following Bank Account:			
	Account No. : 000705036117 Bank : ICICI Bank, IFSC : ICIC0000007 Branch : 9A, Phelps, Connaught Place, New Delhi – 110001	Account No. : 000705036117 Bank : ICICI Bank, IFSC : ICIC0000007 Branch : 9A, Phelps, Connaught Place, New Delhi – 110001			

S. No	Clause No 2.7.1 of RfP The Bidders should submit the Bids online through the electronic bidding platform before the Bid Deadline and submit the Technical Bids, in one (1) original plus one (1) copy so as to reach the address specified in Clause 2.9.4 by 1200 hrs. (IST) on 15.09.2020.				Amended Provision Clause No 2.7.1 of RfP The Bidders should submit the Bids online through the electronic bidding platform before the Bid Deadline and submit the Technical Bids, in one (1) original plus one (1) copy so as to reach the address specified in Clause 2.9.4 by 1500 hrs. (IST) on 18.10.2020.			
9.								
10.	2.7.2 o	f RfP		2.7.2	of RfP			
	Important timelines				Important timelines			
	SI. Date		Event	SI. No.	Date	Event		
	1.	15.09.2021	Submission of Bid (Online submission of Bid through electronic bidding portal and physical submission of Technical Bid))	1.	18.10.2021	Submission of Bid (Online submission of Bid through electronic bidding portal and physical submission of Technical Bid))		
	2.	2. 15.09.2021 Opening of Technical Bid		2.	18.10.2021	Opening of Technical Bid		
	3.	3. 23.09.2021 Shortlisting and announcement of Qualified Bidders			26.10.2021	Shortlisting and announcement of Qualified Bidders		
	4.	4. 24.09.2021 Opening of Financial Bid - Initial Offer	4.	27.10.2021	Opening of Financial Bid - Initial Offer			
	5.	27.09.2021	Electronic auction (Financial Bid – Final Offer) for the Qualified Bidders.	5.	28.10.2021	Electronic auction (Financial Bid – Final Offer) for the Qualified Bidders.		
	6.	05.10.2021	Selection of Successful Bidder and issue of LOI	6.	05.11.2021	Selection of Successful Bidder and issue of LOI		
	7.	18.10.2021	Signing of RFP Project Documents and transfer of SPV (Khetri-Narela Transmission Limited).	7.	15.11.2021	Signing of RFP Project Documents and transfer of SPV (Khetri-Narela Transmission Limited).		
			,					
11.	Clause No 2.9.2 of RFP			Clause No 2.9.2 of RFP				
				Due fo	 or opening on 18	.10.2021		

S. No	Existing Provision	Amended Provision		
INO				
12.	Clause No 2.13.1 of RFP	Clause No 2.13.1 of RFP		
	Opening of Envelope (Technical Bid): 1230 hours (IST) on 15.09.2021.	Opening of Envelope (Technical Bid): 1530 hours (IST) on 18.10.2021 .		
	Opening of Initial Offer: Initial Offer shall be opened by the Bid Process	Opening of Initial Offer: Initial Offer shall be opened by the Bid Process		
	Coordinator in presence of the Bid Evaluation Committee at 1500 hours (IST)	Coordinator in presence of the Bid Evaluation Committee at 1500 hours (IST)		
	on 24.09.2021.	on 27.10.2021 .		