Amendment-1 (dated; 11.11.2024) to RFP Documents for "Transmission system strengthening at Kurnool-III PS for integration of additional RE generation projects" through tariff based competitive bidding process.

SI.	Clause No.	Existing Clause					New/Revised Clause					
1	RFP	viii) 765 kV Chilakaluripeta Extn: Kurnool-III PS –				. ,	viii) 765 kV Chilakaluripeta Extn: Refer attached SLD (Drg. No.					
	Specific		Chilakaluripeta 765 kV D/c line shall be terminated in					5427PS102-CPT-E-SYD-0001-SL, Rev R3) & GA drawing (Drg.				
	Technical		adjacent new diameters for which Main and Tie bay are					5427PS102-CPT-E-SYD-0001-GA, Rev R5) of Chilakaluripeta S/S				
	Requirements		to be constructed under present scope. Further, all					One circuit of Kurnool-III PS – Chilakaluripeta 765 kV D/c line shall				
	for Substation		associated interconnection work shall also be in the				be terminated in new diameter for which Main & Tie bays shall be					
	Clause no.		present scope of TSP.					constructed under present scope. Other circuit of Kurnool-III PS –				
	B.1.2							Chilakaluripeta 765 kV D/c line shall be terminated in existing				
								diameter for which Main Bay	ain Bay shall be constructed (Tie bay is			
								existing) under present scope. Further, all associated				
							interconnection work shall also be in the present scope of TSP.					
2	RFP	B.5 EXTENSION OF EXISTING SUBSTATION The following drawings/details of existing substation is					B.5 EXTENSION OF EXISTING SUBSTATION					
	Specific						Т	The following drawings/details of existing substation is at				
	Technical	a	ttached with the R	FP documents for fu	urther	-	W	vith the RFP documents for furt	her engineering by the bid	lder.		
	Requirements	e	ngineering by the bidde	r.			SI.	Drawing Title	Drawing No./Details	Rev.		
	for Substation	SI.	Drawing Title	Drawing No./Details	Rev.		No.			No.		
	Clause no. B.5	No.	No. No.				Α.	765/400/220 kV Kurnool-III PS				
		Α.	765/400/220 kV Kurn	/400/220 kV Kurnool-III PS			1.0	Single Line Diagram	TR201906-1001874-	3		
		1.0	Single Line Diagram						SS1120-SY-SLD			
		2.0	General Arrangement				2.0	General Arrangement	TR201906- 1001874-	7		
		3.0	Earthmat Layout						SS1120-ELECT-LAY-			
		4.0	Visual Monitoring						PLAN			
			System				3.0	Earthmat Layout	TR201906-1001874-	1		
		5.0	Bus Bar Protection						SS1120-EMAT-LAY			
		6.0	Substation				4.0	Visual Monitoring System	Make : Delcom			
			Automation System				5.0	Bus Bar Protection	Make : ABB			
			(SAS)						Model: REB500 (CU)			
		В.	B. 765/400 kV Chilakaluripeta S/s			6.0	Substation Automation	Make : ABB				
		1.0 2.0 3.0 4.0	Single Line Diagram					System (SAS)				
			General				В.	765/400 kV Chilakaluripeta S	/s	1		
			Arrangement				1.0	Single Line Diagram	5427PS102-CPT-E-SYD-	R3		
			Earthmat Layout						0001-SL			
			Visual Monitoring				2.0	General Arrangement	5427PS102-CPT-E-SYD-)- R5		
			System						0001-GA			
		5.0	Bus Bar Protection				3.0	Earthmat Layout	5427PS096-CPT-E-SYD-	R2		
		6.0	Substation						0214-GA			

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SI.	Clause No.	Existing Clause				New/Revised Clause				
		Automation System			4.0	Visual Monitoring System				
		(SAS)			5.0	Bus Bar Protection	Make: Alstom Model: P741			
					6.0	Substation Automation System (SAS)	KX9GSA1	А		
4.	A.6.0	 A) For power line crossing of 44 angle and dead end towers either side of power line crosss B) For power line crossing of voltage level, angle towers shall be used on either side of upon the merit of the predeviation requirement. C) For power line crossing of suspension/tension towers sh power line crossing depending site condition and line deviation be followed. 	20 kV or above voltage leve (i.e. D/DD/QD) shall be u ing. 132 kV and 220 kV (or 2 (B/C/D/DB/DC/DD/ QB/C of power line crossing dep evailing site condition at 66 kV and below voltag hall be provided on either g upon the merit of the pro- on requirement. , national highways and ns of appropriate authoriti	el, large Ised on 230 kV) QC/QD) Dending nd line e level, side of evailing d state es shall	A) Und not be existin Electri electri m fror B) For and de line cri C) For angle to of pov condit D) Fo susper crossir line de E) For rules/	ler crossing of the existing tran e allowed. In the case where is g transmission line then TSP sl cal Inspector, CEA with detaile cal clearances and Electric Fiel n ground level is not violated. power line crossing of 400 kV ead end towers (i.e. D/DD/QD) s ossing. power line crossing of 132 kV a cowers (B/C/D/DB/DC/DD/QB/ ver line crossing depending up ion and line deviation requirem r power line crossing of 6 nsion/tension towers shall be pu- ng depending upon the merit of viation requirement. crossing of railways, national regulations of appropriate auth	smission line of same Volt it is inevitable to under- nall seek prior approval fro d study ensuring that all s d limit of 10 kV/m at 1 m or above voltage level, la hall be used on either side nd 220 kV (or 230 kV) volt QC/QD) shall be used on e on the merit of the preva- ent. 6 kV and below volta rovided on either side of p of the prevailing site cond highways and state highways	age shall cross the om Chief statutory n and 1.8 rge angle of power age level, ither side ailing site ge level, ower line lition and ways, the		
5.	A.22.0	New Clause			The st throuរ្ខ	ringing of the transmission line th drone.	in forest area shall be car	rried out		
6.	A.23.0	New Clause			The to creepa	wer shall be designed conside age factor of 31 mm/ kV irrespo	ring the porcelain Insulat active of type of insulator	tors with used.		
7	All the relevant clauses of RFP, TSA and SPA	"SPV [which is under incorpor	ation]"		"SPV [ˈ be rea	which is under incorporation]" i d as "KURNOOL III PS RE TRAN	n the subject RFP, TSA and SMISSION LIMITED"	SPA may		