Amendment No. 3 dated 27.10.2023

to

RFP documents for selection of Transmission Service Provider to establish transmission system for "Transmission Scheme for integration of Renewable Energy Zone (Phase-II) in Koppal-II (Phase-A & B) and Gadag-II (Phase- A) in Karnataka" through tariff based competitive bidding process

S. No.		Existin	g Provisio	ons				Revised	Provisions		
1.	Clause A. Tra En	No. 2.6 of RFP ansmission System for Transmis ergy Zone (Phase-II) in Koppal-II (sion Schen (Phase-A) a	ne for integration nd Gadag-II (Phas	n of Rer e- A) in Kaı	newable rnataka	Clause A. Tra End	No. 2.6 of RFP Insmission System for Transmissi ergy Zone (Phase-II) in Koppal-II (P	on Scheme fo hase-A) and G	or integration o adag-II (Phase-	of Renewable A) in Karnataka
	SI. No.	Name of the Transmission Element	Scheduled COD	Percentage of Quoted Transmission Charges recoverable on Scheduled COD of the Element of the Project	Element(s) which are required declaring commercia operation of the resp Element	pre- for the l (COD) ective	SI. No.	Name of the Transmission Element	Scheduled COD	Percentage of Quoted Transmission Charges recoverable on Scheduled COD of the Element of the	Element(s) which are pre- required for declaring the commercial operation (COD) of the respective
	1	Establishment of 765/400 kV 2x1500 MVA, 400/220 kV, 2x500 MVA Koppal-II (Phase- A) Pooling Station with provision of two (2) sections of 4500 MVA each at 400 kV level and provision of four (4) sections of 2500 MVA each at 220 kV level 765/400 kV, 1500 MVA, ICTs –2 Nos. (7x500 MVA including 1 spare unit) 765 kV ICT bays – 2 Nos. 400 kV ICT bays – 2 Nos. 400 kV ICT bays – 2 Nos. 400 kV ICT bays – 2 Nos. 220 kV ICT bays – 2 Nos. 765 kV line bays – 2 Nos. 765 kV line bays – 2 Nos. 765 kV line bays – 2 Nos. 220 kV ICT bays – 2 Nos. 220 kV ICT bays – 2 Nos. 220 kV ICT bays – 2 Nos. 220 kV line bays – 2 Nos. 220 kV line bays – 4 Nos. 220 kV line bays – 4 Nos. 220 kV Bus Coupler (BC) Bay – 1 No.		100%			A1	Establishment of 765/400 kV 2x1500 MVA, 400/220 kV, 2x500 MVA Koppal-II (Phase- A) Pooling Station with provision of two (2) sections of 4500 MVA each at 400 kV level and provision of four (4) sections of 2500 MVA each at 220 kV level 765/400 kV, 1500 MVA, ICTs – 2 Nos. (7x500 MVA including 1 spare unit) • 765 kV ICT bays – 2 Nos. • 400 kV ICT bays – 2 Nos. • 220 kV ICT bays – 2 Nos. • 765 kV line bays – 2 Nos. • 765 kV line bays – 2 Nos. • 765 kV line bays – 2 Nos.(at Koppal-II-Narendra (New) 765 kV D/c line) • 220 kV line bays – 4 Nos. • 220 kV Bus Coupler (BC) Bay –1 No.		28.49 %	

S.	Existing Provisions	Revised Provisions
No.	220 kV Transfer Bus Coupler	220 kV Transfer Bus Coupler
	(TBC) Bay – 1 No.	(TBC) Bay – 1 No.
	Future Space Provisions: (Including space for Phase-B)	Future Space Provisions: (Including space for Phase-B)
	 765/400 kV, 1500 MVA, ICTs – 5 Noc 	 765/400 kV, 1500 MVA, ICTs – 5
	 765 kV ICT bays – 5 Nos. 	 765 kV ICT bays – 5 Nos.
	 400 kV ICT bays – 5 Nos. 400/220 kV, 500 MVA, ICTs – 	 400 kV ICT bays – 5 Nos. 400/220 kV, 500 MVA, ICTs – 10
	10 Nos. • 400 kV ICT bays – 10 Nos.	Nos. • 400 kV ICT bays – 10 Nos.
	 220 kV ICT bays – 10 Nos. 765 kV line bays – 8 Nos. (with 	 220 kV ICT bays – 10 Nos. 765 kV line bays – 8 Nos. (with
	 provision for SLR) 400 kV line bays - 14 Nos. 	provision for SLR) • 400 kV line bays – 14 Nos. (with
	(with provision for SLR) • 220 kV line bays – 12 Nos	provision for SLR)
	220 kV Bus Sectionalizer: 3	220 kV line Says 12 (103) 220 kV Bus Sectionalizer: 3 sets 220 kV Bus Coupler (PC) Bay 2
	 220 kV Bus Coupler (BC) Bay – 2 Note 	Nos.
	220 kV Transfer Bus Coupler	• 220 kV Transfer Bus Coupler (TBC) Bay – 3 Nos.
	(TBC) Bay – 3 Nos. 400 kV Bus Sectionalizer: 1 set	• 400 kV Bus Sectionalizer: 1 set A2 Koppal-II PS – Narendra (New) 765 kV 27.70 %
	2 Koppal-II PS – Narendra (New) 765 kV D/c line with 240 MVAr SLR at	D/c line with 240 MVAr SLR at Koppal- II PS end
	Koppal-II PS end ● 765 kV line bays – 2 Nos. (GIS) [at	 765 kV line bays – 2 Nos. (GIS) [at Narendra (New)]
	Narendra (New)] • 765 kV, 240 MVAr SLR at Koppal-	 765 kV, 240 MVAr SLR at Koppal-II PS – 2 Nos. (7x80 MVAr including 1
	II PS – 2 Nos. (7x80 MVAr including 1 switchable spare	switchable spare unit) A3 2x330 MVAr (765 kV) & 2x125 MVAr Included in item
	unit) 3 2x330 MVAr (765 kV) & 2x125	(400 kV) bus reactors at Koppal-II PS no. A1
	MVAr (400 kV) bus reactors at	Nos. (7x110 MVAr including 1 switchable spare upit for both bus
	• 765 kV, 330 MVAr Bus Reactor –	reactor and line reactor)
	2 Nos. (7x110 MVAr including 1 switchable spare unit for both	 765 kV Bus Reactor bays – 2 Nos. 420 kV, 125 MVAr Bus Reactors – 2
	 bus reactor and line reactor) 765 kV Bus Reactor bays – 2 Nos. 	Nos. • 420 kV, 125 MVAr Bus Reactor
	 420 kV, 125 MVAr Bus Reactors – 2 Nos. 	bays – 2 Nos

S.	Existing Provisions	Revised Provisions	
No.			
	420 kV, 125 MVAr Bus Reactor bays – 2 Nos Establishment of 400/220 kV,	A4 Establishment of 400/220 kV, 2x500 6.06 % MVA Gadag-II (Phase -A) Pooling 5tation	
	2x500 MVA Gadag-II (Phase -A) Pooling Station	 400/220 kV, 500 MVA ICTs – 2 Nos. 400 kV ICT bays – 2 Nos. 230 kV ICT bays – 2 Nos. 	
	 400/220 kV, S00 MVA ICTS = 2 Nos. 400 kV ICT bays = 2 Nos. 	 400 kV line bays – 2 Nos. (at Gadag-II for termination of Gadag- 	
	 220 kV ICT bays - 2 Nos. 400 kV line bays - 2 Nos (at 	II – Koppal-II line) • 220 kV line bays – 4 Nos	
	Gadag-II for termination of Gadag-II – Koppal-II line)	 220 kV line bays 4 rks. 220 kV Bus Coupler (BC) Bay –1 No. 220 kV Transfer Bus Coupler (TBC) 	
	 220 kV line bays – 4 Nos. 220 kV Bus Coupler (BC) Bay –1 	Bay – 1 No.	
	No.	Future Space Provisions:	
	• 220 kV Transfer Bus Coupler (TBC) Bay – 1 No.	 400/220 kV, 500 MVA, ICTs - 10 Nos. 400 kV ICT bays - 10 Nos 	
	Future Space Provisions:	 220 kV ICT bays – 10 Nos. 	
	 400/220 kV, 500 MVA, ICTs – 10 Nos. 	 400 kV line bays – 6 Nos. (with provision for SLR) 	
	• 400 kV ICT bays – 10 Nos.	• 220 kV line bays – 10 Nos.	
	 220 kV ICT bays – 10 Nos. 400 kV line bays – 6 Nos. (with provision for SLR) 	 220 kV Bus Sectionalizer: 3 set 220 kV Bus Coupler (BC) Bay – 3 Nos. 	
	 220 kV line bays – 10 Nos. 220 kV Bus Sectionalizer: 3 set 	 220 kV Transfer Bus Coupler (TBC) Bay – 3 Nos. 	
	 220 kV Bus Coupler (BC) Bay – 3 Nos. 	A5 Gadag-II PS – Koppal-II PS 400 kV 4.93 % (Quad Moose) D/c line	
	• 220 kV Transfer Bus Coupler (TBC) Bay – 3 Nos.	• 400 kV line bays - 2 (at Koppal-II) A6 2x125 MVAr 420kV bus reactors at Included in item	
	5 Gadag-II PS – Koppal-II PS 400 kV (Quad Moose) D/c line	Gadag-II PS No. A4 • 420 kV, 125 MVAr bus reactors – 2	
	• 400 kV line bays - 2 (at Koppal-II)	Nos. • 420 kV, 125 MVAr bus reactor bays	
	6 2x125 MVAr 420kV bus reactors at Gadag-II PS	- 2 Nos.	
	420 kV, 125 MVAr bus reactors – 2 Nos.		
	bays – 2 Nos.		
	B. Transmission Scheme for integration of Renewable Energy Z Koppal-II (Phase-B) in Karnataka	one (Phase-II) in B. Transmission Scheme for integration of Renewable Energy Zone Koppal-II (Phase-B) in Karnataka	(Phase-II) in
L			

S. No.		Existi	ing Provis	sions			Revis	ed Provis	sions	
	SI. No.	Name of the Transmission Element	Schedule d COD	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	SI. No.	Name of the Transmission Element	Schedule d COD	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 2 3	 Koppal-II PS – Raichur 765 kV D/c line with 330 MVAr SLR at Koppal-II PS end 765 kV line bays – 2 Nos. (at Raichur) 765 kV line bays – 2 Nos. (at Raichur) 765 kV, 330 MVAr SLR at Koppal-II PS – 2 Nos. (6x110 MVAr) Switching equipment for 765 kV, 330 MVAr SLR – 2 Nos. Augmentation by 2x1500 MVA, 765/400 kV ICTs at Koppal-II PS 765 kV ICT bays – 2 Nos. 400 kV ICT bays – 2 Nos. 400/220 kV ICTs at Koppal-II PS. 400/220 kV, 500 MVA, ICTs – 2 Nos. 400 kV ICT bays – 2 Nos. 400 kV ICT bays – 2 Nos. 220 kV ICT bays – 2 Nos. 220 kV ICT bays – 2 Nos. 220 kV IBAS – 2 Nos. 220 kV Bus Sectionalizer: 1 set 220 kV Transfer Bus Coupler (TBC) Bay – 1 No. 				B1 B2 B3	 Koppal-II PS – Raichur 765 kV D/c line with 330 MVAr SLR at Koppal-II PS end 765 kV line bays – 2 Nos. (at Raichur) 765 kV line bays – 2 Nos. (at Raichur) 765 kV, 330 MVAr SLR at Koppal-II PS – 2 Nos. (6x110 MVAr) Switching equipment for 765 kV, 330 MVAr SLR – 2 Nos. Augmentation by 2x1500 MVA, 765/400 kV ICTs at Koppal-II PS 765 kV ICT bays – 2 Nos. 400 kV ICT bays – 2 Nos. 220 kV ICT bays – 2 Nos. 220 kV ICT bays – 2 Nos. 220 kV Bus Sectionalizer: 1 set 220 kV Transfer Bus Coupler (TBC) Bay – 1 No. 220 kV Transfer Bus Coupler (TBC) Bay – 1 No. 		Included in item No. A1 Included in item No. A1	
2.	ANNEX	URE 8 -UNDERTAKING AND DE	TAILS OF EC	UITY INVESTM	ENT	ANNEX	URE 8 -UNDERTAKING AND DE	TAILS OF E	QUITY INVESTME	NT
	Format	1: Bidders' Undertaki	ngs			Format	1: Bidders' Undertak	ings		

S. No.		Exist	ing Provis	sions			Revis	ed Provisio	ons	
	8. We of the Pro A Tra En	 confirm that our Bid meets the S ject as specified below: ansmission System for Transm ergy Zone (Phase-II) in Koppal-I	Scheduled C hission Sche II (Phase-A)	COD of each transi eme for integrati and Gadag-II (Pha	mission Element and on of Renewable ase- A) in Karnataka	8. We the Pi A. T E	confirm that our Bid meets the s oject as specified below: ransmission System for Transm nergy Zone (Phase-II) in Koppal-	Scheduled CO hission Schen II (Phase-A) a	D of each transn ne for integration nd Gadag-II (Pha	nission Element and on of Renewable ase- A) in Karnataka
	SI. No.	Name of the Transmission Element Establishment of 765/400 kV 2x1500 MVA, 400/220 kV, 2x500 MVA Koppal-II (Phase- A) Pooling Station with provision of two (2) sections of 4500 MVA each at 400 kV level and provision of four (4) sections of 2500 MVA each at 220 kV level 765/400 kV, 1500 MVA, ICTs –2	Scheduled COD	Percentage of Quoted Transmission Charges recoverable on Scheduled COD of the Element of the Project 100%	Element(s) which are pre- required for declaring the commercial operation (COD) of the respective Element	SI. No	 Name of the Transmission Element Establishment of 765/400 kV 2x1500 MVA, 400/220 kV, 2x500 MVA Koppal-II (Phase- A) Pooling Station with provision of two (2) sections of 4500 MVA each at 400 kV level and provision of four (4) sections of 2500 MVA each at 220 kV level 	Scheduled COD	Percentage of Quoted Transmission Charges recoverable on Scheduled COD of the Element of the Project 28.49 %	Element(s) which are pre- required for declaring the commercial operation (COD) of the respective Element
		 Nos. (7x500 MVA including 1 spare unit) 765 kV ICT bays – 2 Nos. 400 kV ICT bays – 2 Nos. 400/220 kV, 500 MVA, ICTs – 2 Nos. 400 kV ICT bays – 2 Nos. 220 kV ICT bays – 2 Nos. 220 kV ICT bays – 2 Nos. 765 kV line bays – 2 Nos.(at Koppal-II for termination of Koppal-II for termination of Koppal-II for termination of Koppal-II-Narendra (New) 765 kV D/c line) 220 kV line bays – 4 Nos. 220 kV line bays – 4 Nos. 220 kV Bus Coupler (BC) Bay –1 No. 220 kV Transfer Bus Coupler (TBC) Bay – 1 No. 					 765/400 kV, 1500 MVA, ICTs -2 Nos. (7x500 MVA including 1 spare unit) 765 kV ICT bays - 2 Nos. 400 kV ICT bays - 2 Nos. 400/220 kV, 500 MVA, ICTs - 2 Nos. 400 kV ICT bays - 2 Nos. 220 kV ICT bays - 2 Nos. 765 kV line bays - 2 Nos.(at Koppal-II for termination of Koppal-II-Narendra (New) 765 kV D/c line) 220 kV line bays - 4 Nos. 220 kV Bus Coupler (BC) Bay -1 No. 			

S.	Existing Provisions	Revised Provisions
No.		
	Future Space Provisions: (Including space for Phase-B)	220 kV Transfer Bus Coupler (TBC) Bay – 1 No.
	• 765/400 kV, 1500 MVA, ICTs	Future Space Provisions:
	- 5 Nos.	(Including space for Phase-B)
	• 765 kV ICT bays – 5 Nos.	• 765/400 kV, 1500 MVA, ICIs
	• 400 kV ICT bays – 5 Nos.	- 5 Nos.
	• 400/220 kV, 500 MVA, ICTs	• 765 kV ICT bays – 5 Nos.
		• 400 kV ICI bays – 5 Nos.
	• 400 kV ICT bays – 10 Nos.	• 400/220 kV, 500 MVA, ICIS
	• 220 kV ICT bays – 10 Nos.	
	 765 kV line bays – 8 Nos. (tith our initial for SLP) 	• 400 kV ICT bays – 10 Nos.
	(with provision for SLR)	• 220 kV ICI bays – 10 Nos.
	• 400 kV line bays – 14 Nos.	• 765 KV line bays - 8 Nos.
	(with provision for SLR)	(with provision for SLR)
	 220 kV line bays – 12 Nos. 230 kV Bus Sectionalizer: 2 	• 400 kV line bays - 14 Nos. (with provision for SLP)
	• ZZU KV BUS SECTIONALZEL. S	= 220 k// line bays = 12 Nos
	= 220 kV Rus Coupler (PC) Pay	220 kV Bus Sectionalizer: 2
		sets
	220 kV Transfer Bus Counter	 220 kV/Bus Counter (BC) Bay
	(TBC) Bay $- 3$ Nos	
	400 kV Bus Sectionalizer: 1	220 kV Transfer Bus Coupler
	set	(TBC) Bay – 3 Nos.
		• 400 kV Bus Sectionalizer: 1
	2 Koppal-II PS – Narendra (New)	set
	765 kV D/c line with 240 MVAr	A2 Koppal-II PS – Narendra (New) 27.70 %
	SLR at Koppal-II PS end	765 kV D/c line with 240 MVAr
	 765 kV line bays – 2 Nos. (GIS) 	SLR at Koppal-II PS end
	[at Narendra (New)]	• 765 kV line bays – 2 Nos. (GIS)
	• 765 kV, 240 MVAr SLR at	[at Narendra (New)]
	Koppal-II PS – 2 Nos. (7x80	• 765 kV, 240 MVAr SLR at
	MVAr including 1 switchable	Koppal-II PS – 2 Nos. (7x80
	spare unit)	MVAr including 1 switchable
	3 2x330 MVAr (765 kV) & 2x125	spare unit)
	MVAr (400 kV) bus reactors at	A3 2x330 MVAr (765 kV) & 2x125 Included in item
		MVAr (400 kV) bus reactors at No. A1
	• 765 kV, 330 MVAr Bus Reactor	Koppal-II PS
	- 2 INOS. (/XIIU INIVAR including 1 switchable spare	/65 KV, 330 MVAr Bus Reactor
	unit for both bus reactor and	- 2 INOS. (/XIIU IVIVAr
		unit for both bus reactor and
	• 765 kV Bus Reactor havs – 2	
	Nos	
	N03.	

S.	Existing	, Provisions		Revise	ed Provisio	ns	
No.							
	• 420 kV, 125 MVAr Bus			 765 kV Bus Reactor bays – 2 			
	Reactors – 2 Nos.			Nos.			
	• 420 kV, 125 MVAr Bus Reactor			• 420 kV, 125 MVAr Bus			
	bays – 2 Nos			Reactors – 2 Nos.			
4	Establishment of 400/220 kV,			 420 kV, 125 MVAr Bus Reactor 			
	2x500 MVA Gadag-II (Phase -A)			bays – 2 Nos			
	Pooling Station		A4	Establishment of 400/220 kV,		6.06 %	
	 400/220 kV, 500 MVA ICTs – 2 			2x500 MVA Gadag-II (Phase -A)			
	Nos.			Pooling Station			
	 400 kV ICT bays – 2 Nos. 			 400/220 kV, 500 MVA ICTs – 2 			
	 220 kV ICT bays – 2 Nos. 			Nos.			
	 400 kV line bays – 2 Nos. (at 			 400 kV ICT bays – 2 Nos. 			
	Gadag-II for termination of			 220 kV ICT bays – 2 Nos. 			
	Gadag-II – Koppal-II line)			 400 kV line bays – 2 Nos. (at 			
	 220 kV line bays – 4 Nos. 			Gadag-II for termination of			
	 220 kV Bus Coupler (BC) Bay – 			Gadag-II – Koppal-II line)			
	1 No.			• 220 kV line bays – 4 Nos.			
	• 220 kV Transfer Bus Coupler			• 220 kV Bus Coupler (BC) Bay –			
	(TBC) Bay – 1 No.			1 No.			
				• 220 kV Transfer Bus Coupler			
	Future Space Provisions:			(TBC) Bay – 1 No.			
	• 400/220 kV, 500 MVA, ICTS -			Future Crease Duraticians			
	10 Nos.						
	 400 kV ICT bays – 10 Nos. 220 kV/ICT bays – 10 Nos. 			• 400/220 kV, 500 IVIVA, ICTS -			
	• 220 KV ICT bays - 10 Nos.			10 Nos.			
	• 400 KV IIIe bays – 6 Nos. (With			 400 kV ICT bays = 10 Nos. 220 kV ICT bays = 10 Nos. 			
	a 220 kV line bays 10 Nos			• 220 kV ICT bays - 10 Nos.			
	 220 kV line bays – 10 Nos. 220 kV Bus Sectionalizary 2 set 			• 400 kV line bays – 6 Nos. (with			
	220 kV Bus Sectionalizer: 3 Set			• 220 kV line bays 10 Nos			
	 220 kV Bus Coupler (BC) Bay – 2 Nos 			 220 kV line bays - 10 kos. 220 kV line Soctionalizar: 2 sat 			
	• 220 kV Transfor Rus Coupler			 220 kV Bus Sectionalizer: 3 set 220 kV Bus Coupler (BC) Bay 			
	(TBC) Bay = 3 Nos			3 Nos			
5	Gadag-II PS - Konnal-II PS 400 kV			220 kV Transfer Bus Counter			
	(Quad Moose) D/c line			(TBC) Bay $= 3 Nos$			
	• 400 kV line bays - 2 (at Konnal-		45	Gadag-II PS - Koppal-II PS 400 kV		1 93 %	
			~ ~	(Quad Moose) D/c line		4.55 %	
6	2x125 MVAr 420kV bus reactors			• 400 kV line bays - 2 (at Konnal-			
	at Gadag-II PS						
	• 420 kV. 125 MVAr bus		A6	2x125 MVAr 420kV bus reactors		Included in item	
	reactors – 2 Nos.			at Gadag-II PS		No. A4	
	• 420 kV, 125 MVAr bus reactor			• 420 kV, 125 MVAr bus			
	bays – 2 Nos.			reactors – 2 Nos.			

S.		Exist	ing Provis	sions				Revis	ed Provis	ions		
No.												
	B Tra Ko	ansmission Scheme for integra ppal-II (Phase-B) in Karnataka	ation of R	enewable Ener	gy Zone (Pha	se-II) in	B Tra	420 kV, 125 MVAr bus reactor bays – 2 Nos. nsmission Scheme for integra	ation of Re	newable Energy	Zone (Phase-II)) in
	SI. No.	Name of the Transmission	Schedule	Percentage of	Element(s) wh	ich are	Ko	ppal-II (Phase-B) in Karnataka		including Energy	zone (muse ny	,
	51. 10.	Element	d COD	Quoted Transmission Charges recoverable on Scheduled COD of the Element of the Project	pre-required declaring commercial operation (CC the resp Element	for the DD) of pective	SI. No.	Name of the Transmission Element	Scheduled COD	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	
	2	 Koppal-II PS – Raichur 765 kV D/c line with 330 MVAr SLR at Koppal-II PS end 765 kV line bays – 2 Nos. (at Koppal- II) 765 kV line bays – 2 Nos. (at Raichur) 765 kV, 330 MVAr SLR at Koppal-II PS – 2 Nos. (6x110 MVAr) Switching equipment for 765 kV, 330 MVAr SLR – 2 Nos. Augmentation by 2x1500 MVA, 765/400 kV ICTs at Koppal-II PS 765 kV, 1500 MVA ICTs – 2Nos. 765 kV ICT bays – 2 Nos. 400 kV ICT bays – 2 Nos. 	-	100%			B1 B2	 Koppal-II PS – Raichur 765 kV D/c line with 330 MVAr SLR at Koppal-II PS end 765 kV line bays – 2 Nos. (at Raichur) 765 kV line bays – 2 Nos. (at Raichur) 765 kV, 330 MVAr SLR at Koppal-II PS – 2 Nos. (6x110 MVAr) Switching equipment for 765 kV, 330 MVAr SLR – 2 Nos. Augmentation by 2x1500 MVA, 765/400 kV ICTs at Koppal-II PS 765 kV ICT bays – 2 Nos. 400 kV ICT bays – 2 Nos. 		32.82 %		
	3	Augmentation by 2x500 MVA, 400/220 kV ICTs at Koppal-II PS. • 400/220 kV, 500 MVA, ICTs – 2 Nos. • 400 kV ICT bays – 2 Nos. • 220 kV ICT bays – 2 Nos. • 220 kV ICT bays – 2 Nos. • 220 kV line bays – 4 Nos. • 220 kV Bus Sectionalizer: 1 set • 220 kV Bus Coupler (BC) Bay – 1 No. • 220 kV Transfer Bus Coupler (TBC) Bay – 1 No.					B3	Augmentation by 2x500 MVA, 400/220 kV ICTs at Koppal-II PS. • 400/220 kV, 500 MVA, ICTs – 2 Nos. • 400 kV ICT bays – 2 Nos. • 220 kV ICT bays – 2 Nos. • 220 kV ICT bays – 2 Nos. • 220 kV line bays – 4 Nos. • 220 kV Bus Sectionalizer: 1 set • 220 kV Bus Coupler (BC) Bay – 1 No. • 220 kV Transfer Bus Coupler (TBC) Bay – 1 No.		Included in item No. A1		

S.		Exist	ing Provis	sions			Revis	ed Provis	ions	
No.										
3.	Schedu A. Trans Zone	le: 2 of TSA smission System for Transmissi (Phase-II) in Koppal-II (Phase-/	on Scheme A) and Gada	for integration of ag-II (Phase- A) in	f Renewable Energy Karnataka	Schedu A. Tra En	ıle: 2 of TSA ansmission System for Transm ergy Zone (Phase-II) in Koppal-I	ission Sche I (Phase-A)	eme for integration and Gadag-II (Pha	on of Renewable Ise- A) in Karnataka
	SI. No.	Name of the Transmission Element	Scheduled COD	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	SI. No.	Name of the Transmission Element	Scheduled COD	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 2 3	Establishment of 765/400 kV 2x1500 MVA, 400/220 kV, 2x500 MVA Koppal-II (Phase- A) Pooling Station with provision of two (2) sections of 4500 MVA each at 400 kV level and provision of four (4) sections of 2500 MVA each at 220 kV level Koppal-II PS – Narendra (New) 765 kV D/c line with 240 MVAr SLR at Koppal-II PS end 2x330 MVAr (765 kV) & 2x125	-	73	Element at SI. No 2 & 3 Element at SI. No 1 & 3 Element at SI. No 1	A1 A2 A3	Establishment of 765/400 kV 2x1500 MVA, 400/220 kV, 2x500 MVA Koppal-II (Phase- A) Pooling Station with provision of two (2) sections of 4500 MVA each at 400 kV level and provision of four (4) sections of 2500 MVA each at 220 kV level Koppal-II PS – Narendra (New) 765 kV D/c line with 240 MVAr SLR at Koppal-II PS end 2x330 MVAr (765 kV) & 2x125		28.79 % 27.70 % Included in item	All elements of scheme are required to be commissioned simultaneously as their utilization is dependent on each other.
	4	MVAr (400 kV) bus reactors at Koppal-II PS Establishment of 400/220 kV, 2x500 MVA Gadag-II (Phase -A) Pooling Station	-	27	& 2 Element at Sl. No 1, 2, 3, 5 & 6	A 4	MVAr (400 kV) bus reactors at Koppal-II PS Establishment of 400/220 kV, 2x500 MVA Gadag-II (Phase -A) Pooling Station	-	6.06 %	
	5	Gadag-II PS – Koppal-II PS 400 kV (Quad Moose) D/c line			Element at Sl. No 1, 2, 3, 4 & 6	A5 A6	Gadag-II PS – Koppal-II PS 400 kV (Quad Moose) D/c line 2x125 MVAr 420kV bus reactors		4.93 % Included in item	
	6	2x125 MVAr 420kV bus reactors at Gadag-II PS			Element at Sl. No 1, 2, 3, 4 & 5		at Gadag-II PS	<u> </u>	No. A4	
	B. Trans II (Ph	smission Scheme for integratio nase-B) in Karnataka	n of Renew	able Energy Zone	(Phase-II) in Koppal-	B. Tra Ko	ansmission Scheme for integra ppal-II (Phase-B) in Karnataka	ation of Re	enewable Energy	Zone (Phase-II) in

	Exist	ing Provisior	าร				Revi	sed Provis	ions		
		1					Γ			1	
SI. No.	Name of the Transmission Element	Schedule Per d COD Qu Tra Ch ch ch ch ch ch ch ch ch ch ch ch ch ch	rcentage of noted ansmission arges coverable Scheduled DD of the ement of e Project	Element(s) which are pre- required for declaring th commercial operation (COD of the respectiv Element	- - -	SI. No.	Name of the Transmission ElementIII	Scheduled COD	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	Koppal-II PS – Raichur 765 kV D/c line with 330 MVAr SLR at Koppal-II PS end		100%	Element at Sl. N & 3	2	B1	Koppal-II PS – Raichur 765 kV D/c line with 330 MVAr SLR at Koppal-II PS end		32.82 %	All elements of scheme are required to be	
2	Augmentation by 2x1500 MVA, 765/400 kV ICTs at Koppal-II PS			Element at Sl. Ne & 3	1	B2	Augmentation by 2x1500 MVA, 765/400 kV ICTs at Koppal-II PS	_	Included in iten No. A1	n commissioned simultaneously	
3	Augmentation by 2x500 MVA, 400/220 kV ICTs at Koppal-II PS.			Element at Sl. N & 2	1	83	400/220 kV ICTs at Koppal-II PS.		No. A1	utilization is dependent on each other.	
Sched	ule: 5 of TSA					Schedu	le: 5 of TSA				
Propo A. Tr Er	rtionate Transmission Charges p ransmission System for Transm nergy Zone (Phase-II) in Koppal-I	bayable for each hission Scheme II (Phase-A) and	h Element o e for integra d Gadag-II (F	f the Project: ation of Ren Phase- A) in Kar	ewable nataka	Proport A. Tra Ene	ionate Transmission Charges nsmission System for Transı ergy Zone (Phase-II) in Koppal	payable for nission Sche -II (Phase-A)	each Element o eme for integra and Gadag-II (F	if the Project: Ition of Renew Phase- A) in Karna	able taka
SI. No.	Name of the Transmission Elemer	nt	Perce Trans recov Scheo Elemo	entage of Quo emission Char rerable duled COD of ent of the Project	ed ges on he	SI. No.	Name of the Transmission Eleme	ent	Per Tra rec Sch Ele	rcentage of Quoted nsmission Charge overable or reduled COD of the ment of the Project	d s n e
1	Establishment of 765/400 kV 2x15 2x500 MVA Koppal-II (Phase- A) provision of two (2) sections of 450 level and provision of four (4) secti at 220 kV level	500 MVA, 400/22 Pooling Station D0 MVA each at 4 ions of 2500 MVA	20 kV, with 00 kV Ceach	100%		A1	Establishment of 765/400 kV 2 2x500 MVA Koppal-II (Phase- provision of two (2) sections of 4 level and provision of four (4) sec 220 kV level	x1500 MVA, 4 A) Pooling S 4500 MVA eac tions of 2500 N	100/220 kV, tation with h at 400 kV MVA each at	28.49 %	
	765/400 kV, 1500 MVA, ICTs –2 No including 1 spare unit) • 765 kV ICT bays – 2 Nos.	os. (7x500 MVA					765/400 kV, 1500 MVA, ICTs –2 N 1 spare unit) • 765 kV ICT bays – 2 Nos.	los. (7x500 M\	/A including		

S .		Existing Provisions		Revised Provisions	
No.					
		• 400 kV ICT bays – 2 Nos.		• 400 kV ICT bays – 2 Nos.	
		 220 kV ICT bays – 2 Nos. 		• 220 kV ICT bays – 2 Nos.	
		• 765 kV line bays – 2 Nos.(at Koppal-II for termination		• 765 kV line bays – 2 Nos.(at Koppal-II for termination	
		of Koppal-II-Narendra (New) 765 kV D/c line)		of Koppal-II-Narendra (New) 765 kV D/c line)	
		 220 kV line bays – 4 Nos. 		• 220 kV line bays – 4 Nos.	
		• 220 kV Bus Coupler (BC) Bay –1 No.		• 220 kV Bus Coupler (BC) Bay –1 No.	
		• 220 kV Transfer Bus Coupler (TBC) Bay – 1 No.		• 220 kV Transfer Bus Coupler (TBC) Bay – 1 No.	
		Future Space Provisions: (Including space for Phase-B)		Future Space Provisions: (Including space for Phase-B)	
		 765/400 kV, 1500 MVA, ICTs – 5 Nos. 		 765/400 kV, 1500 MVA, ICTs – 5 Nos. 	
		 765 kV ICT bays – 5 Nos. 		• 765 kV ICT bays – 5 Nos.	
		 400 kV ICT bays – 5 Nos. 		• 400 kV ICT bays – 5 Nos.	
		• 400/220 kV, 500 MVA, ICTs – 10 Nos.		 400/220 kV, 500 MVA, ICTs – 10 Nos. 	
		 400 kV ICT bays – 10 Nos. 		• 400 kV ICT bays – 10 Nos.	
		 220 kV ICT bays – 10 Nos. 		• 220 kV ICT bays – 10 Nos.	
		• 765 kV line bays – 8 Nos. (with provision for SLR)		• 765 kV line bays – 8 Nos. (with provision for SLR)	
		• 400 kV line bays – 14 Nos. (with provision for SLR)		• 400 kV line bays – 14 Nos. (with provision for SLR)	
		 220 kV line bays – 12 Nos. 		• 220 kV line bays – 12 Nos.	
		• 220 kV Bus Sectionalizer: 3 sets		220 kV Bus Sectionalizer: 3 sets	
		• 220 kV Bus Coupler (BC) Bay – 3 Nos.		• 220 kV Bus Coupler (BC) Bay – 3 Nos.	
		• 220 kV Transfer Bus Coupler (TBC) Bay – 3 Nos.		• 220 kV Transfer Bus Coupler (TBC) Bay – 3 Nos.	
		• 400 kV Bus Sectionalizer: 1 set		 400 kV Bus Sectionalizer: 1 set 	
	2	Koppal-II PS – Narendra (New) 765 kV D/c line with 240	A2	Koppal-II PS – Narendra (New) 765 kV D/c line with 240	27.70 %
		MVAr SLR at Koppal-II PS end		MVAr SLR at Koppal-II PS end	
		 765 kV line bays – 2 Nos. (GIS) [at Narendra (New)] 		 765 kV line bays – 2 Nos. (GIS) [at Narendra (New)] 	
		 765 kV, 240 MVAr SLR at Koppal-II PS – 2 Nos. (7x80 		• 765 kV, 240 MVAr SLR at Koppal-II PS – 2 Nos. (7x80	
		MVAr including 1 switchable spare unit)		MVAr including 1 switchable spare unit)	
	3	2x330 MVAr (765 kV) & 2x125 MVAr (400 kV) bus reactors	A3	2x330 MVAr (765 kV) & 2x125 MVAr (400 kV) bus reactors	Included in item No. A1
		at Koppal-II PS		at Koppal-II PS	
		• 765 kV, 330 MVAr Bus Reactor – 2 Nos. (7x110 MVAr		• 765 kV, 330 MVAr Bus Reactor – 2 Nos. (7x110 MVAr	
		including 1 switchable spare unit for both bus reactor		including 1 switchable spare unit for both bus reactor	
		and line reactor)		and line reactor)	
		 765 kV Bus Reactor bays – 2 Nos. 		 765 kV Bus Reactor bays – 2 Nos. 	
		 420 kV, 125 MVAr Bus Reactors – 2 Nos. 		 420 kV, 125 MVAr Bus Reactors – 2 Nos. 	
		 420 kV, 125 MVAr Bus Reactor bays – 2 Nos 		 420 kV, 125 MVAr Bus Reactor bays – 2 Nos 	
	4	Establishment of 400/220 kV, 2x500 MVA Gadag-II (Phase	A4	Establishment of 400/220 kV, 2x500 MVA Gadag-II (Phase -	6.06 %
		-A) Pooling Station		A) Pooling Station	
		 400/220 kV, 500 MVA ICTs – 2 Nos. 		 400/220 kV, 500 MVA ICTs – 2 Nos. 	
		 400 kV ICT bays – 2 Nos. 		 400 kV ICT bays – 2 Nos. 	
		 220 kV ICT bays – 2 Nos. 		• 220 kV ICT bays – 2 Nos.	
		• 400 kV line bays – 2 Nos. (at Gadag-II for termination		• 400 kV line bays – 2 Nos. (at Gadag-II for termination of	
		of Gadag-II – Koppal-II line)		Gadag-II – Koppal-II line)	
		• 220 kV line bays – 4 Nos.		• 220 kV line bays – 4 Nos.	
		• 220 kV Bus Coupler (BC) Bay –1 No.		• 220 kV Bus Coupler (BC) Bay –1 No.	

	Existing Provisions				Revised Provisions	
	• 220 kV Transfer Bus Coupler (TBC) Bay – 1 No.				• 220 kV Transfer Bus Coupler (TBC) Bay – 1 No.	
	Future Space Provisions:				Future Space Provisions:	
	 400/220 kV, 500 MVA, ICTs – 10 Nos. 				 400/220 kV, 500 MVA, ICTs – 10 Nos. 	
	 400 kV ICT bays – 10 Nos. 				 400 kV ICT bays – 10 Nos. 	
	• 220 kV ICT bays – 10 Nos.				 220 kV ICT bays – 10 Nos. 	
	 400 kV line bays – 6 Nos. (with provision for SLR) 				 400 kV line bays – 6 Nos. (with provision for SLR) 	
	 220 kV line bays – 10 Nos. 				 220 kV line bays – 10 Nos. 	
	• 220 kV Bus Sectionalizer: 3 set				 220 kV Bus Sectionalizer: 3 set 	
	 220 kV Bus Coupler (BC) Bay – 3 Nos. 				 220 kV Bus Coupler (BC) Bay – 3 Nos. 	
	• 220 kV Transfer Bus Coupler (TBC) Bay – 3 Nos.				 220 kV Transfer Bus Coupler (TBC) Bay – 3 Nos. 	
5	Gadag-II PS – Koppal-II PS 400 kV (Quad Moose) D/c line			A5	Gadag-II PS – Koppal-II PS 400 kV (Quad Moose) D/c line	4.93 %
	 400 kV line bays - 2 (at Koppal-II) 				 400 kV line bays - 2 (at Koppal-II) 	
6	2x125 MVAr 420kV bus reactors at Gadag-II PS			A6	2x125 MVAr 420kV bus reactors at Gadag-II PS	Included in item No. A4
	 420 kV, 125 MVAr bus reactors – 2 Nos. 				 420 kV, 125 MVAr bus reactors – 2 Nos. 	
	 420 kV, 125 MVAr bus reactor bays – 2 Nos. 				 420 kV, 125 MVAr bus reactor bays – 2 Nos. 	
B.	Transmission Scheme for integration of Renewable Koppal-II (Phase-B) in Karnataka		IN	Koj Sl. No.	ppal-II (Phase-B) in Karnataka Name of the Transmission Element	Percentage of Quoted
В.	Transmission Scheme for integration of Renewable Koppal-II (Phase-B) in Karnataka		IN	Koj Sl. No.	Name of the Transmission Element	Percentage of Quoted
B. Sl. No	Transmission Scheme for integration of Renewable Koppal-II (Phase-B) in Karnataka Name of the Transmission Element	Percentage of Quoted	IN	Koj Sl. No.	ppal-II (Phase-B) in Karnataka Name of the Transmission Element	Percentage of Quoted Transmission Charges
B. Sl. No	Transmission Scheme for integration of Renewable Koppal-II (Phase-B) in Karnataka . Name of the Transmission Element	Percentage of Quoted Transmission Charges	In	Koj Sl. No.	ppal-II (Phase-B) in Karnataka Name of the Transmission Element	Percentage of Quoted Transmission Charges recoverable on
B. Sl. No	Transmission Scheme for integration of Renewable Koppal-II (Phase-B) in Karnataka . Name of the Transmission Element	Percentage of Quoted Transmission Charges recoverable on	IN	Ko <u>j</u> Sl. No.	Name of the Transmission Element	Percentage of Quoted Transmission Charges recoverable on Scheduled COD of the Element of the Project
3. il. No	Transmission Scheme for integration of Renewable Koppal-II (Phase-B) in Karnataka . Name of the Transmission Element	Percentage of Quoted Transmission Charges recoverable on Scheduled COD of the	IN	81. No.	Name of the Transmission Element	Percentage of Quoted Transmission Charges recoverable on Scheduled COD of the Element of the Project 32.82 %
B. ŝl. No	Transmission Scheme for integration of Renewable Koppal-II (Phase-B) in Karnataka Name of the Transmission Element	Percentage of Quoted Transmission Charges recoverable on Scheduled COD of the Element of the Project	IN	BI TIG Koj Sl. No.	Koppal-II PS – Raichur 765 kV D/c line with 330 MVAr SLR	Percentage of Quoted Transmission Charges recoverable on Scheduled COD of the Element of the Project 32.82 %
В. SI. No	Transmission Scheme for integration of Renewable Koppal-II (Phase-B) in Karnataka . Name of the Transmission Element Koppal-II PS – Raichur 765 kV D/c line with 330 MVAr SLR t Koppal-II PS – Raichur 765 kV D/c line with 330 MVAr SLR	Percentage of Quoted Transmission Charges recoverable on Scheduled COD of the Element of the Project 100%	IN	B1 110	Scheme for integration of Kenewable E ppal-II (Phase-B) in Karnataka Name of the Transmission Element Koppal-II PS – Raichur 765 kV D/c line with 330 MVAr SLR at Koppal-II PS end • 765 kV line bays – 2 Nos. (at Koppal-II)	Percentage of Quoted Transmission Charges recoverable on Scheduled COD of the Element of the Project 32.82 %
В. SI. No 1	Transmission Scheme for integration of Renewable Koppal-II (Phase-B) in Karnataka . Name of the Transmission Element . Koppal-II PS – Raichur 765 kV D/c line with 330 MVAr SLR at Koppal-II PS end . 2 Set Uline Annual Se	Percentage of Quoted Transmission Charges recoverable on Scheduled COD of the Element of the Project 100%	IN	В. На Кој Sl. No. В1	Scheme for integration of Kenewable E ppal-II (Phase-B) in Karnataka Name of the Transmission Element Koppal-II PS – Raichur 765 kV D/c line with 330 MVAr SLR at Koppal-II PS end • 765 kV line bays – 2 Nos. (at Koppal- II) • 765 kV line bays – 2 Nos. (at Raichur)	Percentage of Quoted Transmission Charges recoverable on Scheduled COD of the Element of the Project 32.82 %
В. Sl. No	Transmission Scheme for integration of Renewable Koppal-II (Phase-B) in Karnataka . Name of the Transmission Element . Koppal-II PS – Raichur 765 kV D/c line with 330 MVAr SLR at Koppal-II PS end . 765 kV line bays – 2 Nos. (at Koppal- II) . 765 kV line bays – 2 Nos. (at Koppal- II)	Percentage of Quoted Transmission Charges recoverable on Scheduled COD of the Element of the Project 100%	IN	<u>Koj</u> Sl. No.	Koppal-II (Phase-B) in Karnataka Name of the Transmission Element Koppal-II PS – Raichur 765 kV D/c line with 330 MVAr SLR at Koppal-II PS end • 765 kV line bays – 2 Nos. (at Koppal- II) • 765 kV line bays – 2 Nos. (at Raichur) • 765 kV 330 MVAr SLR at Koppal-II PS – 2 Nos. (6x110	Percentage of Quoted Transmission Charges recoverable on Scheduled COD of the Element of the Project 32.82 %
В. Sl. No 1	Transmission Scheme for integration of Renewable Koppal-II (Phase-B) in Karnataka . Name of the Transmission Element . Koppal-II PS – Raichur 765 kV D/c line with 330 MVAr SLR at Koppal-II PS end . 765 kV line bays – 2 Nos. (at Koppal- II) . 765 kV line bays – 2 Nos. (at Raichur) . 765 kV line bays – 2 Nos. (at Raichur)	Percentage of Quoted Transmission Charges recoverable on Scheduled COD of the Element of the Project 100%	IN	SI. No.	Koppal-II (Phase-B) in Karnataka Name of the Transmission Element Koppal-II PS – Raichur 765 kV D/c line with 330 MVAr SLR at Koppal-II PS end • 765 kV line bays – 2 Nos. (at Koppal- II) • 765 kV line bays – 2 Nos. (at Raichur) • 765 kV, 330 MVAr SLR at Koppal-II PS – 2 Nos. (6x110 MVAr)	Percentage of Quoted Transmission Charges recoverable on Scheduled COD of the Element of the Project 32.82 %
В. Sl. No	Transmission Scheme for integration of Renewable Koppal-II (Phase-B) in Karnataka . Name of the Transmission Element . Koppal-II PS – Raichur 765 kV D/c line with 330 MVAr SLR at Koppal-II PS end . 765 kV line bays – 2 Nos. (at Koppal- II) . 765 kV line bays – 2 Nos. (at Raichur) . 765 kV, 330 MVAr SLR at Koppal-II PS – 2 Nos. (6x110	Percentage of Quoted Transmission Charges recoverable on Scheduled COD of the Element of the Project 100%	IN	Koj Sl. No.	Koppal-II (Phase-B) in Karnataka Name of the Transmission Element Koppal-II PS – Raichur 765 kV D/c line with 330 MVAr SLR at Koppal-II PS end • 765 kV line bays – 2 Nos. (at Koppal- II) • 765 kV line bays – 2 Nos. (at Koppal- II) • 765 kV, 330 MVAr SLR at Koppal-II PS – 2 Nos. (6x110 MVAr) • Switching equipment for 765 kV, 330 MVAr SLR – 2 Nos.	Percentage of Quoted Transmission Charges recoverable on Scheduled COD of the Element of the Project 32.82 %
В. SI. No 1	Transmission Scheme for integration of Renewable Koppal-II (Phase-B) in Karnataka . Name of the Transmission Element . Koppal-II PS – Raichur 765 kV D/c line with 330 MVAr SLR at Koppal-II PS end . 765 kV line bays – 2 Nos. (at Koppal- II) . 765 kV line bays – 2 Nos. (at Raichur) . 765 kV, 330 MVAr SLR at Koppal-II PS – 2 Nos. (6x110 MVAr) . Switching againment for 765 kV / 220 MV/Ar SLR	Percentage of Quoted Transmission Charges recoverable on Scheduled COD of the Element of the Project 100%		B1 B2	Koppal-II (Phase-B) in Karnataka Name of the Transmission Element Koppal-II PS – Raichur 765 kV D/c line with 330 MVAr SLR at Koppal-II PS end • 765 kV line bays – 2 Nos. (at Koppal- II) • 765 kV line bays – 2 Nos. (at Raichur) • 765 kV, 330 MVAr SLR at Koppal-II PS – 2 Nos. (6x110 MVAr) • Switching equipment for 765 kV, 330 MVAr SLR – 2 Nos.	Percentage of Quoted Transmission Charges recoverable on Scheduled COD of the Element of the Project 32.82 %
B. 51. No	Transmission Scheme for integration of Renewable Koppal-II (Phase-B) in Karnataka . Name of the Transmission Element . Koppal-II PS – Raichur 765 kV D/c line with 330 MVAr SLR at Koppal-II PS end . 765 kV line bays – 2 Nos. (at Koppal- II) . 765 kV line bays – 2 Nos. (at Raichur) . 765 kV, 330 MVAr SLR at Koppal-II PS – 2 Nos. (6x110 MVAr) . Switching equipment for 765 kV, 330 MVAr SLR – 2 Nos.	Percentage of Quoted Transmission Charges recoverable on Scheduled COD of the Element of the Project 100%		B1 Koj Sl. No. B1 B1	Koppal-II (Phase-B) in Karnataka Name of the Transmission Element Koppal-II PS – Raichur 765 kV D/c line with 330 MVAr SLR at Koppal-II PS end • 765 kV line bays – 2 Nos. (at Koppal- II) • 765 kV line bays – 2 Nos. (at Raichur) • 765 kV, 330 MVAr SLR at Koppal-II PS – 2 Nos. (6x110 MVAr) • Switching equipment for 765 kV, 330 MVAr SLR – 2 Nos. Augmentation by 2x1500 MVA, 765/400 kV ICTs at Koppal-II PS	Percentage of Quoted Transmission Charges recoverable on Scheduled COD of the Element of the Project 32.82 %
B. SI. No 1	Transmission Scheme for integration of Renewable Koppal-II (Phase-B) in Karnataka . Name of the Transmission Element . Koppal-II PS – Raichur 765 kV D/c line with 330 MVAr SLR at Koppal-II PS end . 765 kV line bays – 2 Nos. (at Koppal- II) . 765 kV line bays – 2 Nos. (at Raichur) . 765 kV, 330 MVAr SLR at Koppal-II PS – 2 Nos. (6x110 MVAr) . Switching equipment for 765 kV, 330 MVAr SLR – 2 Nos.	Percentage of Quoted Transmission Charges recoverable on Scheduled COD of the Element of the Project 100%	IN	BI Koj Sl. No. B1 B2	 Koppal-II (Phase-B) in Karnataka Name of the Transmission Element Koppal-II PS – Raichur 765 kV D/c line with 330 MVAr SLR at Koppal-II PS end 765 kV line bays – 2 Nos. (at Koppal- II) 765 kV line bays – 2 Nos. (at Raichur) 765 kV, 330 MVAr SLR at Koppal-II PS – 2 Nos. (6x110 MVAr) Switching equipment for 765 kV, 330 MVAr SLR – 2 Nos. Augmentation by 2x1500 MVA, 765/400 kV ICTs at Koppal-II PS 765/400 kV, 1500 MVA ICTs – 2Nos. 	Percentage of Quoted Transmission Charges recoverable on Scheduled COD of the Element of the Project 32.82 %
В. SI. No 1 2	Transmission Scheme for integration of Renewable Koppal-II (Phase-B) in Karnataka . Name of the Transmission Element . Koppal-II PS – Raichur 765 kV D/c line with 330 MVAr SLR at Koppal-II PS end . 765 kV line bays – 2 Nos. (at Koppal- II) . 765 kV line bays – 2 Nos. (at Raichur) . 765 kV, 330 MVAr SLR at Koppal-II PS – 2 Nos. (6x110 MVAr) . Switching equipment for 765 kV, 330 MVAr SLR – 2 Nos. Augmentation by 2x1500 MVA, 765/400 kV ICTs at Koppal-II PS	Percentage of Quoted Transmission Charges recoverable on Scheduled COD of the Element of the Project 100%		BI Koj Sl. No. B1	 Koppal-II (Phase-B) in Karnataka Name of the Transmission Element Koppal-II PS – Raichur 765 kV D/c line with 330 MVAr SLR at Koppal-II PS end 765 kV line bays – 2 Nos. (at Koppal- II) 765 kV line bays – 2 Nos. (at Raichur) 765 kV, 330 MVAr SLR at Koppal-II PS – 2 Nos. (6x110 MVAr) Switching equipment for 765 kV, 330 MVAr SLR – 2 Nos. Augmentation by 2x1500 MVA, 765/400 kV ICTs at Koppal-II PS 765 kV ICT bays – 2 Nos. 	Percentage of Quoted Transmission Charges recoverable on Scheduled COD of the Element of the Project 32.82 %
В. SI. No 1 2	Transmission Scheme for integration of Renewable Koppal-II (Phase-B) in Karnataka . Name of the Transmission Element . Koppal-II PS – Raichur 765 kV D/c line with 330 MVAr SLR at Koppal-II PS end . 765 kV line bays – 2 Nos. (at Koppal- II) . 765 kV line bays – 2 Nos. (at Koppal- II) . 765 kV line bays – 2 Nos. (at Raichur) . 765 kV, 330 MVAr SLR at Koppal-II PS – 2 Nos. (6x110 MVAr) . Switching equipment for 765 kV, 330 MVAr SLR – 2 Nos. Augmentation by 2x1500 MVA, 765/400 kV ICTs at Koppal-II PS . 765/400 kV 1500 MVA ICTs – 2 Nos	Percentage of Quoted Transmission Charges recoverable on Scheduled COD of the Element of the Project 100%		BI BI B1 B2	 Koppal-II (Phase-B) in Karnataka Name of the Transmission Element Koppal-II PS – Raichur 765 kV D/c line with 330 MVAr SLR at Koppal-II PS end 765 kV line bays – 2 Nos. (at Koppal- II) 765 kV, 330 MVAr SLR at Koppal-II PS – 2 Nos. (6x110 MVAr) Switching equipment for 765 kV, 330 MVAr SLR – 2 Nos. Augmentation by 2x1500 MVA, 765/400 kV ICTs at Koppal-II PS 765 kV ICT bays – 2 Nos. 400 kV ICT bays – 2 Nos. 	Percentage of Quoted Transmission Charges recoverable on Scheduled COD of the Element of the Project 32.82 %
В. Sl. No 1	Transmission Scheme for integration of Renewable Koppal-II (Phase-B) in Karnataka . Name of the Transmission Element . Koppal-II PS – Raichur 765 kV D/c line with 330 MVAr SLR at Koppal-II PS end . 765 kV line bays – 2 Nos. (at Koppal- II) . 765 kV line bays – 2 Nos. (at Koppal- II) . 765 kV, 330 MVAr SLR at Koppal- II) . 765 kV, 330 MVAr SLR at Koppal-II PS – 2 Nos. (6x110 MVAr) . Switching equipment for 765 kV, 330 MVAr SLR – 2 Nos. Augmentation by 2x1500 MVA, 765/400 kV ICTs at Koppal-II PS . 765 kV (TS at Koppal-II PS – 2 Nos.	Percentage of Quoted Transmission Charges recoverable on Scheduled COD of the Element of the Project 100%		B1 B2 B3	 Name of the Transmission Element Koppal-II (Phase-B) in Karnataka Name of the Transmission Element Koppal-II PS – Raichur 765 kV D/c line with 330 MVAr SLR at Koppal-II PS end 765 kV line bays – 2 Nos. (at Koppal- II) 765 kV line bays – 2 Nos. (at Raichur) 765 kV, 330 MVAr SLR at Koppal-II PS – 2 Nos. (6x110 MVAr) Switching equipment for 765 kV, 330 MVAr SLR – 2 Nos. Augmentation by 2x1500 MVA, 765/400 kV ICTs at Koppal-II PS 765 kV ICT bays – 2 Nos. 400 kV ICT bays – 2 Nos. Augmentation by 2x500 MVA, 400/220 kV ICTs at Koppal-II 	Percentage of Quoted Transmission Charges recoverable on Scheduled COD of the Element of the Project 32.82 %
B. 51. No 1	Transmission Scheme for integration of Renewable Koppal-II (Phase-B) in Karnataka . Name of the Transmission Element . Koppal-II PS – Raichur 765 kV D/c line with 330 MVAr SLR at Koppal-II PS end . 765 kV line bays – 2 Nos. (at Koppal- II) . 765 kV line bays – 2 Nos. (at Raichur) . 765 kV, 330 MVAr SLR at Koppal- II PS – 2 Nos. (6x110 MVAr) . Switching equipment for 765 kV, 330 MVAr SLR – 2 Nos. Augmentation by 2x1500 MVA, 765/400 kV ICTs at Koppal-II PS . 765 kV ICT bays – 2 Nos. . 765 kV ICT bays – 2 Nos.	Percentage of Quoted Transmission Charges recoverable on Scheduled COD of the Element of the Project 100%		B1 B1 B2 B3	Koppal-II (Phase-B) in Karnataka Name of the Transmission Element Koppal-II PS – Raichur 765 kV D/c line with 330 MVAr SLR at Koppal-II PS end • 765 kV line bays – 2 Nos. (at Koppal- II) • 765 kV line bays – 2 Nos. (at Raichur) • 765 kV, 330 MVAr SLR at Koppal-II PS – 2 Nos. (6x110 MVAr) • Switching equipment for 765 kV, 330 MVAr SLR – 2 Nos. Augmentation by 2x1500 MVA, 765/400 kV ICTs at Koppal-II PS • 765 kV ICT bays – 2 Nos. • 400 kV ICT bays – 2 Nos. Augmentation by 2x500 MVA, 400/220 kV ICTs at Koppal-II PS.	Percentage of Quoted Transmission Charges recoverable on Scheduled COD of the Element of the Project 32.82 %
B. 51. No 1 2	Transmission Scheme for integration of Renewable Koppal-II (Phase-B) in Karnataka . Name of the Transmission Element . Koppal-II PS – Raichur 765 kV D/c line with 330 MVAr SLR at Koppal-II PS end . 765 kV line bays – 2 Nos. (at Koppal- II) . 765 kV line bays – 2 Nos. (at Raichur) . 765 kV, 330 MVAr SLR at Koppal- II PS – 2 Nos. (6x110 MVAr) . Switching equipment for 765 kV, 330 MVAr SLR – 2 Nos. Augmentation by 2x1500 MVA, 765/400 kV ICTs at Koppal-II PS . 765 kV ICT bays – 2 Nos. . 765 kV ICT bays – 2 Nos. . 400 kV ICT bays – 2 Nos.	Percentage of Quoted Transmission Charges recoverable on Scheduled COD of the Element of the Project 100%		B1 B1 B2 B3	 Name of the Transmission Element Koppal-II PS – Raichur 765 kV D/c line with 330 MVAr SLR at Koppal-II PS end 765 kV line bays – 2 Nos. (at Koppal- II) 765 kV line bays – 2 Nos. (at Raichur) 765 kV, 330 MVAr SLR at Koppal-II PS – 2 Nos. (6x110 MVAr) Switching equipment for 765 kV, 330 MVAr SLR – 2 Nos. Augmentation by 2x1500 MVA, 765/400 kV ICTs at Koppal-II PS 765/400 kV, 1500 MVA ICTs – 2Nos. 765 kV ICT bays – 2 Nos. 400 kV ICT bays – 2 Nos. Augmentation by 2x500 MVA, 400/220 kV ICTs at Koppal-II PS. 400/220 kV, 500 MVA, ICTs – 2 Nos. 	Percentage of Quoted Transmission Charges recoverable on Scheduled COD of the Element of the Project 32.82 %
B. 51. No 1 2 3	Transmission Scheme for integration of Renewable Koppal-II (Phase-B) in Karnataka . Name of the Transmission Element . Koppal-II PS – Raichur 765 kV D/c line with 330 MVAr SLR at Koppal-II PS end . 765 kV line bays – 2 Nos. (at Koppal- II) . 765 kV line bays – 2 Nos. (at Koppal- II) . 765 kV line bays – 2 Nos. (at Raichur) . 765 kV, 330 MVAr SLR at Koppal- II PS – 2 Nos. (6x110 MVAr) . Switching equipment for 765 kV, 330 MVAr SLR – 2 Nos. Augmentation by 2x1500 MVA, 765/400 kV ICTs at Koppal-II PS . . 765 kV ICT bays – 2 Nos. . 400 kV ICT bays – 2 Nos. . 4ugmentation by 2x500 MVA, 400/220 kV ICTs at Koppal-II PS.	Percentage of Quoted Transmission Charges recoverable on Scheduled COD of the Element of the Project 100%		B1 B1 B2 B3	 Koppal-II (Phase-B) in Karnataka Name of the Transmission Element Koppal-II PS – Raichur 765 kV D/c line with 330 MVAr SLR at Koppal-II PS end 765 kV line bays – 2 Nos. (at Koppal- II) 765 kV line bays – 2 Nos. (at Raichur) 765 kV, 330 MVAr SLR at Koppal-II PS – 2 Nos. (6x110 MVAr) Switching equipment for 765 kV, 330 MVAr SLR – 2 Nos. Augmentation by 2x1500 MVA, 765/400 kV ICTs at Koppal-II PS 765 kV ICT bays – 2 Nos. 400 kV ICT bays – 2 Nos. 400/220 kV, 500 MVA, ICTs – 2 Nos. 400 kV ICT bays – 2 Nos. 400 kV ICT bays – 2 Nos. 	Percentage of Quoted Transmission Charges recoverable on Scheduled COD of the Element of the Project 32.82 %
B. SI. No 1 2 3	Transmission Scheme for integration of Renewable Koppal-II (Phase-B) in Karnataka . Name of the Transmission Element . Koppal-II PS – Raichur 765 kV D/c line with 330 MVAr SLR at Koppal-II PS end . 765 kV line bays – 2 Nos. (at Koppal- II) . 765 kV line bays – 2 Nos. (at Koppal- II) . 765 kV line bays – 2 Nos. (at Raichur) . 765 kV, 330 MVAr SLR at Koppal- II PS – 2 Nos. (6x110 MVAr) . Switching equipment for 765 kV, 330 MVAr SLR – 2 Nos. Augmentation by 2x1500 MVA, 765/400 kV ICTs at Koppal-II PS . . 765 kV ICT bays – 2 Nos. 400 kV ICT bays – 2 Nos. . . 400 kV ICT bays – 2 Nos. . 400 kV ICT bays – 2 Nos.	Percentage of Quoted Transmission Charges recoverable on Scheduled COD of the Element of the Project 100%		B1 B1 B2 B3	 Koppal-II (Phase-B) in Karnataka Name of the Transmission Element Koppal-II PS – Raichur 765 kV D/c line with 330 MVAr SLR at Koppal-II PS end 765 kV line bays – 2 Nos. (at Koppal- II) 765 kV line bays – 2 Nos. (at Raichur) 765 kV, 330 MVAr SLR at Koppal-II PS – 2 Nos. (6x110 MVAr) Switching equipment for 765 kV, 330 MVAr SLR – 2 Nos. Augmentation by 2x1500 MVA, 765/400 kV ICTs at Koppal-II PS 765 kV ICT bays – 2 Nos. 400 kV ICT bays – 2 Nos. 400 kV, 500 MVA, ICTs – 2 Nos. 400 kV ICT bays – 2 Nos. 400 kV ICT bays – 2 Nos. 20 kV ICT bays – 2 Nos. 20 kV ICT bays – 2 Nos. 20 kV ICT bays – 2 Nos. 	Percentage of Quoted Transmission Charges recoverable on Scheduled COD of the Element of the Project 32.82 %
B. 51. No 1 2 3	Transmission Scheme for integration of Renewable Koppal-II (Phase-B) in Karnataka . Name of the Transmission Element . Koppal-II PS – Raichur 765 kV D/c line with 330 MVAr SLR at Koppal-II PS end . 765 kV line bays – 2 Nos. (at Koppal- II) . 765 kV line bays – 2 Nos. (at Koppal- II) . 765 kV line bays – 2 Nos. (at Raichur) . 765 kV, 330 MVAr SLR at Koppal-II PS – 2 Nos. (6x110 MVAr) . Switching equipment for 765 kV, 330 MVAr SLR – 2 Nos. Augmentation by 2x1500 MVA, 765/400 kV ICTs at Koppal-II PS . . 765 /400 kV, 1500 MVA ICTs – 2Nos. . 765 kV ICT bays – 2 Nos. . 400 kV ICT bays – 2 Nos. . 400/220 kV, 500 MVA, ICTs – 2 Nos. . 400 kV ICT bays – 2 Nos.	Percentage of Quoted Transmission Charges recoverable on Scheduled COD of the Element of the Project 100%		BI BI B2 B3	 Koppal-II (Phase-B) in Karnataka Name of the Transmission Element Koppal-II PS – Raichur 765 kV D/c line with 330 MVAr SLR at Koppal-II PS end 765 kV line bays – 2 Nos. (at Koppal- II) 765 kV line bays – 2 Nos. (at Raichur) 765 kV, 330 MVAr SLR at Koppal-II PS – 2 Nos. (6x110 MVAr) Switching equipment for 765 kV, 330 MVAr SLR – 2 Nos. Augmentation by 2x1500 MVA, 765/400 kV ICTs at Koppal-II PS 765 kV ICT bays – 2 Nos. 400 kV ICT bays – 2 Nos. 220 kV, 500 MVA, ICTs – 2 Nos. 220 kV ICT bays – 2 Nos. 220 kV ICT bays – 2 Nos. 220 kV ICT bays – 4 Nos. 	Percentage of Quoted Transmission Charges recoverable on Scheduled COD of the Element of the Project 32.82 %
B. Sl. No 1 2 3	 Transmission Scheme for integration of Renewable Koppal-II (Phase-B) in Karnataka Name of the Transmission Element Koppal-II PS – Raichur 765 kV D/c line with 330 MVAr SLR at Koppal-II PS end 765 kV line bays – 2 Nos. (at Koppal- II) 765 kV line bays – 2 Nos. (at Raichur) 765 kV, 330 MVAr SLR at Koppal-II PS – 2 Nos. (6x110 MVAr) Switching equipment for 765 kV, 330 MVAr SLR – 2 Nos. Augmentation by 2x1500 MVA, 765/400 kV ICTs at Koppal-II PS 765/400 kV, 1500 MVA ICTs – 2Nos. 765 kV ICT bays – 2 Nos. Augmentation by 2x500 MVA, 400/220 kV ICTs at Koppal-II PS. 400 kV ICT bays – 2 Nos. 400 kV ICT bays – 2 Nos. 400 kV ICT bays – 2 Nos. 20 kV ICT bays – 2 Nos. 	Percentage of Quoted Transmission Charges recoverable on Scheduled COD of the Element of the Project 100%		B1 B1 B2 B3	 Name of the Transmission Element Koppal-II (Phase-B) in Karnataka Name of the Transmission Element Koppal-II PS – Raichur 765 kV D/c line with 330 MVAr SLR at Koppal-II PS end 765 kV line bays – 2 Nos. (at Koppal- II) 765 kV line bays – 2 Nos. (at Raichur) 765 kV, 330 MVAr SLR at Koppal-II PS – 2 Nos. (6x110 MVAr) Switching equipment for 765 kV, 330 MVAr SLR – 2 Nos. Augmentation by 2x1500 MVA, 765/400 kV ICTs at Koppal-II PS 765/400 kV, 1500 MVA ICTs – 2Nos. 765 kV ICT bays – 2 Nos. 400 kV ICT bays – 2 Nos. 400 kV ICT bays – 2 Nos. 400 kV, 500 MVA, ICTs – 2 Nos. 400 kV ICT bays – 2 Nos. 220 kV, 500 MVA, ICTs – 2 Nos. 220 kV Ine bays – 4 Nos. 220 kV Bus Sectionalizer: 1 set 	Percentage of Quoted Transmission Charges recoverable on Scheduled COD of the Element of the Project 32.82 %

S .	Existing Provisions	Revised Provisions
No.		
	 220 kV Bus Sectionalizer: 1 set 220 kV Bus Coupler (BC) Bay – 1 No. 220 kV Transfer Bus Coupler (TBC) Bay – 1 No. 	• 220 kV Transfer Bus Coupler (TBC) Bay – 1 No.