

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.	Existing Provisions					Revised Provisions					
1.	Clause No. 2.6 of RFP					Clause No. 2.6 of RFP					
A. Transmission System for Transmission Scheme for integration of Renewable Energy Zone (Phase-II) in Koppal-II (Phase-A) and Gadag-II (Phase- A) in Karnataka						A. Transmission System for Transmission Scheme for integration of Renewable Energy Zone (Phase-II) in Koppal-II (Phase-A) and Gadag-II (Phase- A) in Karnataka					
Sl. 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	Sl. 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	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. 400/220 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.		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. 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.		28.49 %			

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

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

S. No.	Existing Provisions					Revised Provisions				
	Sl. 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	Sl. 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	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.		100%		B1	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.		32.82 %	
	2	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.				B2	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.		Included in item No. A1	
	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 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 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	
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2.	ANNEXURE 8 -UNDERTAKING AND DETAILS OF EQUITY INVESTMENT					ANNEXURE 8 -UNDERTAKING AND DETAILS OF EQUITY INVESTMENT				
	Format 1: Bidders' Undertakings					Format 1: Bidders' Undertakings				

S. No.	Existing Provisions				Revised Provisions																									
	 8. We confirm that our Bid meets the Scheduled COD of each transmission Element and the Project as specified below: A Transmission System for Transmission Scheme for integration of Renewable Energy Zone (Phase-II) in Koppal-II (Phase-A) and Gadag-II (Phase- A) in Karnataka <table><tr><th>Sl. No.</th><th>Name of the Transmission Element</th><th>Scheduled COD</th><th>Percentage of Quoted Transmission Charges recoverable on Scheduled COD of the Element of the Project</th><th>Element(s) which are pre-required for declaring the commercial operation (COD) of the respective Element</th></tr><tr><td>1</td><td>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. 400/220 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. 220 kV Transfer Bus Coupler (TBC) Bay – 1 No. </td><td>.....</td><td>100%</td><td>.....</td></tr></table>				Sl. 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	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. 400/220 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. 220 kV Transfer Bus Coupler (TBC) Bay – 1 No.		100%			 8. We confirm that our Bid meets the Scheduled COD of each transmission Element and the Project as specified below: A. Transmission System for Transmission Scheme for integration of Renewable Energy Zone (Phase-II) in Koppal-II (Phase-A) and Gadag-II (Phase- A) in Karnataka <table><tr><th>Sl. No.</th><th>Name of the Transmission Element</th><th>Scheduled COD</th><th>Percentage of Quoted Transmission Charges recoverable on Scheduled COD of the Element of the Project</th><th>Element(s) which are pre-required for declaring the commercial operation (COD) of the respective Element</th></tr><tr><td>A1</td><td>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. 400/220 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. </td><td>.....</td><td>28.49 %</td><td>.....</td></tr></table>					Sl. 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	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. 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.		28.49 %	
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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. 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.		28.49 %																											

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

S. No.	Existing Provisions					Revised Provisions					
		• 420 kV, 125 MVar Bus Reactors – 2 Nos. • 420 kV, 125 MVar 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 Reactor bays – 2 Nos				
	4	Establishment of 400/220 kV, 2x500 MVA Gadag-II (Phase -A) Pooling Station • 400/220 kV, 500 MVA ICTs – 2 Nos. • 400 kV ICT bays – 2 Nos. • 220 kV ICT bays – 2 Nos. • 400 kV line bays – 2 Nos. (at Gadag-II for termination of Gadag-II – Koppal-II line) • 220 kV line bays – 4 Nos. • 220 kV Bus Coupler (BC) Bay – 1 No. • 220 kV Transfer Bus Coupler (TBC) Bay – 1 No. Future Space Provisions: • 400/220 kV, 500 MVA, ICTs – 10 Nos. • 400 kV ICT bays – 10 Nos. • 220 kV ICT bays – 10 Nos. • 400 kV line bays – 6 Nos. (with provision for SLR) • 220 kV line bays – 10 Nos. • 220 kV Bus Sectionalizer: 3 set • 220 kV Bus Coupler (BC) Bay – 3 Nos. • 220 kV Transfer Bus Coupler (TBC) Bay – 3 Nos.				A4	Establishment of 400/220 kV, 2x500 MVA Gadag-II (Phase -A) Pooling Station • 400/220 kV, 500 MVA ICTs – 2 Nos. • 400 kV ICT bays – 2 Nos. • 220 kV ICT bays – 2 Nos. • 400 kV line bays – 2 Nos. (at Gadag-II for termination of Gadag-II – Koppal-II line) • 220 kV line bays – 4 Nos. • 220 kV Bus Coupler (BC) Bay – 1 No. • 220 kV Transfer Bus Coupler (TBC) Bay – 1 No. Future Space Provisions: • 400/220 kV, 500 MVA, ICTs – 10 Nos. • 400 kV ICT bays – 10 Nos. • 220 kV ICT bays – 10 Nos. • 400 kV line bays – 6 Nos. (with provision for SLR) • 220 kV line bays – 10 Nos. • 220 kV Bus Sectionalizer: 3 set • 220 kV Bus Coupler (BC) Bay – 3 Nos. • 220 kV Transfer Bus Coupler (TBC) Bay – 3 Nos.		6.06 %		
	5	Gadag-II PS – Koppal-II PS 400 kV (Quad Moose) D/c line • 400 kV line bays - 2 (at Koppal-II)					A5	Gadag-II PS – Koppal-II PS 400 kV (Quad Moose) D/c line • 400 kV line bays - 2 (at Koppal-II)		4.93 %	
	6	2x125 MVar 420kV bus reactors at Gadag-II PS • 420 kV, 125 MVar bus reactors – 2 Nos. • 420 kV, 125 MVar bus reactor bays – 2 Nos.					A6	2x125 MVar 420kV bus reactors at Gadag-II PS • 420 kV, 125 MVar bus reactors – 2 Nos.		Included in item No. A4	

S. No.	Existing Provisions					Revised Provisions				
	B Transmission Scheme for integration of Renewable Energy Zone (Phase-II) in Koppal-II (Phase-B) in Karnataka						• 420 kV, 125 MVar bus reactor bays – 2 Nos.			
						B. Transmission Scheme for integration of Renewable Energy Zone (Phase-II) in Koppal-II (Phase-B) in Karnataka				
	Sl. 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	Sl. 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
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	2	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.				B2	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.		Included in item no. A1	
	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 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 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. No.	Existing Provisions	Revised Provisions																																																																	
																																																																			
3.	Schedule: 2 of TSA A. Transmission System for Transmission Scheme for integration of Renewable Energy Zone (Phase-II) in Koppal-II (Phase-A) and Gadag-II (Phase- A) in Karnataka <table><tr><th>Sl. No.</th><th>Name of the Transmission Element</th><th>Scheduled COD</th><th>Percentage of Quoted Transmission Charges recoverable on Scheduled COD of the Element of the Project</th><th>Element(s) which are pre-required for declaring the commercial operation (COD) of the respective Element</th></tr><tr><td>1</td><td>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</td><td>.....</td><td>73</td><td>Element at Sl. No 2 & 3</td></tr><tr><td>2</td><td>Koppal-II PS – Narendra (New) 765 kV D/c line with 240 MVAR SLR at Koppal-II PS end</td><td></td><td></td><td>Element at Sl. No 1 & 3</td></tr><tr><td>3</td><td>2x330 MVAR (765 kV) & 2x125 MVAR (400 kV) bus reactors at Koppal-II PS</td><td></td><td></td><td>Element at Sl. No 1 & 2</td></tr><tr><td>4</td><td>Establishment of 400/220 kV, 2x500 MVA Gadag-II (Phase -A) Pooling Station</td><td></td><td>27</td><td>Element at Sl. No 1, 2, 3, 5 & 6</td></tr><tr><td>5</td><td>Gadag-II PS – Koppal-II PS 400 kV (Quad Moose) D/c line</td><td></td><td></td><td>Element at Sl. No 1, 2, 3, 4 & 6</td></tr><tr><td>6</td><td>2x125 MVAR 420kV bus reactors at Gadag-II PS</td><td></td><td></td><td>Element at Sl. No 1, 2, 3, 4 & 5</td></tr></table> B. Transmission Scheme for integration of Renewable Energy Zone (Phase-II) in Koppal-II (Phase-B) in Karnataka	Sl. 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	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		73	Element at Sl. No 2 & 3	2	Koppal-II PS – Narendra (New) 765 kV D/c line with 240 MVAR SLR at Koppal-II PS end			Element at Sl. No 1 & 3	3	2x330 MVAR (765 kV) & 2x125 MVAR (400 kV) bus reactors at Koppal-II PS			Element at Sl. No 1 & 2	4	Establishment of 400/220 kV, 2x500 MVA Gadag-II (Phase -A) Pooling Station		27	Element at Sl. No 1, 2, 3, 5 & 6	5	Gadag-II PS – Koppal-II PS 400 kV (Quad Moose) D/c line			Element at Sl. No 1, 2, 3, 4 & 6	6	2x125 MVAR 420kV bus reactors at Gadag-II PS			Element at Sl. No 1, 2, 3, 4 & 5	Schedule: 2 of TSA A. Transmission System for Transmission Scheme for integration of Renewable Energy Zone (Phase-II) in Koppal-II (Phase-A) and Gadag-II (Phase- A) in Karnataka <table><tr><th>Sl. No.</th><th>Name of the Transmission Element</th><th>Scheduled COD</th><th>Percentage of Quoted Transmission Charges recoverable on Scheduled COD of the Element of the Project</th><th>Element(s) which are pre-required for declaring the commercial operation (COD) of the respective Element</th></tr><tr><td>A1</td><td>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</td><td>.....</td><td>28.79 %</td><td rowspan="6">All elements of scheme are required to be commissioned simultaneously as their utilization is dependent on each other.</td></tr><tr><td>A2</td><td>Koppal-II PS – Narendra (New) 765 kV D/c line with 240 MVAR SLR at Koppal-II PS end</td><td></td><td>27.70 %</td></tr><tr><td>A3</td><td>2x330 MVAR (765 kV) & 2x125 MVAR (400 kV) bus reactors at Koppal-II PS</td><td></td><td>Included in item No. A1</td></tr><tr><td>A 4</td><td>Establishment of 400/220 kV, 2x500 MVA Gadag-II (Phase -A) Pooling Station</td><td></td><td>6.06 %</td></tr><tr><td>A5</td><td>Gadag-II PS – Koppal-II PS 400 kV (Quad Moose) D/c line</td><td></td><td>4.93 %</td></tr><tr><td>A6</td><td>2x125 MVAR 420kV bus reactors at Gadag-II PS</td><td></td><td>Included in item No. A4</td></tr></table> B. Transmission Scheme for integration of Renewable Energy Zone (Phase-II) in Koppal-II (Phase-B) in Karnataka	Sl. 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	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		28.79 %	All elements of scheme are required to be commissioned simultaneously as their utilization is dependent on each other.	A2	Koppal-II PS – Narendra (New) 765 kV D/c line with 240 MVAR SLR at Koppal-II PS end		27.70 %	A3	2x330 MVAR (765 kV) & 2x125 MVAR (400 kV) bus reactors at Koppal-II PS		Included in item No. A1	A 4	Establishment of 400/220 kV, 2x500 MVA Gadag-II (Phase -A) Pooling Station		6.06 %	A5	Gadag-II PS – Koppal-II PS 400 kV (Quad Moose) D/c line		4.93 %	A6	2x125 MVAR 420kV bus reactors at Gadag-II PS		Included in item No. A4
Sl. 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	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		73	Element at Sl. No 2 & 3																																																															
2	Koppal-II PS – Narendra (New) 765 kV D/c line with 240 MVAR SLR at Koppal-II PS end			Element at Sl. No 1 & 3																																																															
3	2x330 MVAR (765 kV) & 2x125 MVAR (400 kV) bus reactors at Koppal-II PS			Element at Sl. No 1 & 2																																																															
4	Establishment of 400/220 kV, 2x500 MVA Gadag-II (Phase -A) Pooling Station		27	Element at Sl. No 1, 2, 3, 5 & 6																																																															
5	Gadag-II PS – Koppal-II PS 400 kV (Quad Moose) D/c line			Element at Sl. No 1, 2, 3, 4 & 6																																																															
6	2x125 MVAR 420kV bus reactors at Gadag-II PS			Element at Sl. No 1, 2, 3, 4 & 5																																																															
Sl. 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																																																															
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		28.79 %	All elements of scheme are required to be commissioned simultaneously as their utilization is dependent on each other.																																																															
A2	Koppal-II PS – Narendra (New) 765 kV D/c line with 240 MVAR SLR at Koppal-II PS end		27.70 %																																																																
A3	2x330 MVAR (765 kV) & 2x125 MVAR (400 kV) bus reactors at Koppal-II PS		Included in item No. A1																																																																
A 4	Establishment of 400/220 kV, 2x500 MVA Gadag-II (Phase -A) Pooling Station		6.06 %																																																																
A5	Gadag-II PS – Koppal-II PS 400 kV (Quad Moose) D/c line		4.93 %																																																																
A6	2x125 MVAR 420kV bus reactors at Gadag-II PS		Included in item No. A4																																																																

S. No.	Existing Provisions					Revised Provisions																
	Sl. 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	Sl. 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. No 2 & 3	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 commissioned simultaneously as their utilization is dependent on each other.												
	2	Augmentation by 2x1500 MVA, 765/400 kV ICTs at Koppal-II PS			Element at Sl. No 1 & 3	B2	Augmentation by 2x1500 MVA, 765/400 kV ICTs at Koppal-II PS		Included in item No. A1													
	3	Augmentation by 2x500 MVA, 400/220 kV ICTs at Koppal-II PS.			Element at Sl. No 1 & 2	B3	Augmentation by 2x500 MVA, 400/220 kV ICTs at Koppal-II PS.		Included in item No. A1													
																						
4.	Schedule: 5 of TSA Proportionate Transmission Charges payable for each Element of the Project: A. Transmission System for Transmission Scheme for integration of Renewable Energy Zone (Phase-II) in Koppal-II (Phase-A) and Gadag-II (Phase- A) in Karnataka <table><tr><td>Sl. No.</td><td>Name of the Transmission Element</td><td>Percentage of Quoted Transmission Charges recoverable on Scheduled COD of the Element of the Project</td></tr><tr><td>1</td><td>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. 400/220 kV, 500 MVA, ICTs – 2 Nos. </td><td>100%</td></tr></table>					Sl. No.	Name of the Transmission Element	Percentage of Quoted Transmission Charges recoverable on Scheduled COD of the Element of the Project	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. 400/220 kV, 500 MVA, ICTs – 2 Nos.	100%	Schedule: 5 of TSA Proportionate Transmission Charges payable for each Element of the Project: A. Transmission System for Transmission Scheme for integration of Renewable Energy Zone (Phase-II) in Koppal-II (Phase-A) and Gadag-II (Phase- A) in Karnataka <table><tr><td>Sl. No.</td><td>Name of the Transmission Element</td><td>Percentage of Quoted Transmission Charges recoverable on Scheduled COD of the Element of the Project</td></tr><tr><td>A1</td><td>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. 400/220 kV, 500 MVA, ICTs – 2 Nos. </td><td>28.49 %</td></tr></table>					Sl. No.	Name of the Transmission Element	Percentage of Quoted Transmission Charges recoverable on Scheduled COD of the Element of the Project	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. 400/220 kV, 500 MVA, ICTs – 2 Nos.	28.49 %
Sl. No.	Name of the Transmission Element	Percentage of Quoted Transmission Charges recoverable on Scheduled COD of the Element of the Project																				
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. 400/220 kV, 500 MVA, ICTs – 2 Nos.	100%																				
Sl. No.	Name of the Transmission Element	Percentage of Quoted Transmission Charges recoverable on Scheduled COD of the Element of the Project																				
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. 400/220 kV, 500 MVA, ICTs – 2 Nos.	28.49 %																				

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

S. No.	Existing Provisions		Revised Provisions		
	220 kV Transfer Bus Coupler (TBC) Bay – 1 No. Future Space Provisions: 400/220 kV, 500 MVA, ICTs – 10 Nos. 400 kV ICT bays – 10 Nos. 220 kV ICT bays – 10 Nos. 400 kV line bays – 6 Nos. (with provision for SLR) 220 kV line bays – 10 Nos. 220 kV Bus Sectionalizer: 3 set 220 kV Bus Coupler (BC) Bay – 3 Nos. 220 kV Transfer Bus Coupler (TBC) Bay – 3 Nos.		220 kV Transfer Bus Coupler (TBC) Bay – 1 No. Future Space Provisions: 400/220 kV, 500 MVA, ICTs – 10 Nos. 400 kV ICT bays – 10 Nos. 220 kV ICT bays – 10 Nos. 400 kV line bays – 6 Nos. (with provision for SLR) 220 kV line bays – 10 Nos. 220 kV Bus Sectionalizer: 3 set 220 kV Bus Coupler (BC) 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 400 kV line bays - 2 (at Koppal-II)		A5	Gadag-II PS – Koppal-II PS 400 kV (Quad Moose) D/c line 400 kV line bays - 2 (at Koppal-II)	4.93 %
6	2x125 MVar 420kV bus reactors at Gadag-II PS 420 kV, 125 MVar bus reactors – 2 Nos. 420 kV, 125 MVar bus reactor bays – 2 Nos.		A6	2x125 MVar 420kV bus reactors at Gadag-II PS 420 kV, 125 MVar bus reactors – 2 Nos. 420 kV, 125 MVar bus reactor bays – 2 Nos.	Included in item No. A4
B. Transmission Scheme for integration of Renewable Energy Zone (Phase-II) in Koppal-II (Phase-B) in Karnataka					
Sl. No.	Name of the Transmission Element		Percentage of Quoted Transmission Charges recoverable on Scheduled COD of the Element of the Project		
1	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.		100%		
2	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.				
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 line bays – 4 Nos.				
B. Transmission Scheme for integration of Renewable Energy Zone (Phase-II) in Koppal-II (Phase-B) in Karnataka					
Sl. No.	Name of the Transmission Element		Percentage of Quoted Transmission Charges recoverable on Scheduled COD of the Element of the Project		
B1	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.		32.82 %		
B2	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.		Included in item No. A1		
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 line bays – 4 Nos. 220 kV Bus Sectionalizer: 1 set 220 kV Bus Coupler (BC) Bay – 1 No.		Included in item No. A1		

S. No.	Existing Provisions		Revised Provisions	
		• 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.
				