Amendment-3 dated 08.08.2024

to

RFP Documents for "Transmission Scheme for integration of Davanagere/ Chitradurga and Bellary REZ in Karnataka through tariff based competitive bidding process"

<table>
<tr><th>Sl. No.</th><th>Existing Clause</th><th>New/Revised Clause</th></tr>
<tr><td>1</td><td>Section 1.2 of RfP Document

A. Transmission Scheme for integration of Davanagere / Chitradurga REZ
<table>
<tr><th>Sl. No.</th><th>Name of the Transmission Element</th><th>Scheduled COD as per Gazette Notification</th></tr>
<tr><td>1.</td><td>Establishment of 765/400kV 4x1500 MVA, 400/220kV 4x500 MVA Pooling Station near Davanagere / Chitradurga, Karnataka with provision of two (2) sections of 4500 MVA each at 400kV level and provision of four (4) sections of 2500 MVA each at 220kV level
Future Space Provisions:
• 765/400kV, 1500 MVA, ICTs – 2 Nos.
• 765kV ICT bays – 2 Nos.
• 400kV ICT bays – 2 Nos.
• 400/220kV, 500 MVA, ICTs – 6 Nos.
• 400kV ICT bays – 6 Nos.
• 220kV ICT bays – 6 Nos.
• 765kV line bays – 8 Nos. (with provision for SLR)
• 400kV line bays – 10 Nos. (with provision for SLR)
• 220kV line bays – 12 Nos.
• 220kV Bus Sectionalizer – 2 sets
• 220kV Bus Coupler (BC) Bay – 3 Nos.
• 220kV Transfer Bus Coupler (TBC) Bay – 3 Nos.</td><td>24 months</td></tr>
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• 765/400kV, 1500 MVA, ICTs – 4 Nos. (13x500 MVA including 1 spare unit)
• 765kV ICT bays – 4 Nos.
• 400kV ICT bays – 4 Nos.
• 400/220kV, 500 MVA, ICTs – 4 Nos.
• 400kV ICT bays – 4 Nos.
• 220kV ICT bays – 4 Nos.
• 765kV line bays – 4 Nos. (at Davanagere/ Chitradurga PS for termination of LILO of Narendra (New) – Madhugiri 765kV D/C line)
• 220kV line bays – 6 Nos.
• 220kV Bus Sectionalizer – 1 set
• 220kV Bus Coupler (BC) Bay – 1 No.
• 220kV Transfer Bus Coupler (TBC) Bay – 1 No.
Future Space Provisions:</td><td>24 months</td></tr>
</table></td></tr>
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<tr><td></td><td>400kV Bus Sectionalizer – 1 set</td></tr>
<tr><td>2.</td><td>LILO of Narendra New – Madhugiri 765kV D/C line at Davanagere / Chitradurga 765/400kV PS (about 40 km length) (with 240 MVAr SLR at both ends on Narendra New – Davanagere section (about280 km) and 330 MVAr SLR at Davanagere end on Davanagere – Madhugiri section (about200 km))</td></tr>
<tr><td>3.</td><td>2x330 MVAr (765kV) bus reactors at Davanagere/ Chitradurga PS</td></tr>
<tr><td>4.</td><td>Upgradation of Narendra New – Madhugiri 765kV D/C line (presently charged at 400kV level) at its rated 765kV voltage level</td></tr>
<tr><td>5.</td><td>Upgradation of Madhugiri {Tumkur (Vasantnarsapura)} to its rated voltage of 765kV level along with 3x1500 MVA, 765/400kV ICTs and 2x330 MVAr, 765kV bus reactors</td></tr>
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B. Transmission Scheme for integration of Bellary REZ
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<tr><th>Sl. No</th><th>Name of the Transmission Element</th><th>Scheduled COD as per Gazette Notification</th></tr>
<tr><td>1.</td><td>Establishment of 4x500 MVA, 400/220kV Pooling Station near Bellary area (Bellary PS), Karnataka

Future Space Provisions:
• 400/220kV, 500 MVA, ICTs – 6 Nos.
• 400kV ICT bays – 6 Nos.
• 220kV ICT bays – 6 Nos.</td><td>30 months</td></tr>
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<table>
<tr><td></td><td>• 765/400kV, 1500 MVA, ICTs – 2 Nos.
• 765kV ICT bays – 2 Nos.
• 400kV ICT bays – 2 Nos.
• 400/220kV, 500 MVA, ICTs – 6 Nos.
• 400kV ICT bays – 6 Nos.
• 220kV ICT bays – 6 Nos.
• 765kV line bays – 8 Nos. (with provision for SLR)
• 400kV line bays – 10 Nos. (with provision for SLR)
• 220kV line bays – 12 Nos.
• 220kV Bus Sectionalizer – 2 sets
• 220kV Bus Coupler (BC) Bay – 3 Nos.
• 220kV Transfer Bus Coupler (TBC) Bay – 3 Nos.
• 400kV Bus Sectionalizer – 1 set</td></tr>
<tr><td>2.</td><td>LILO of Narendra New – Madhugiri 765kV D/C line at Davanagere / Chitradurga 765/400kV PS (about 40 km length) (with 240 MVAr SLR at both ends on Narendra New – Davanagere section (about280 km) and 330 MVAr SLR at Davanagere end on Davanagere – Madhugiri section (about200 km))
About 40 km
• 765kV, 240 MVAr SLR at Davanagere / Chitradurga PS – 2 Nos. (7x80 MVAr incuding 1 switchable spare unit)
• 765kV, 240 MVAr SLR at Narendra New – 2 Nos. (7x80 MVAr including 1 switchable spare unit)
• 765kV, 330 MVAr SLR at Davanagere / Chitradurga PS – 2 Nos. (6x110 MVAr switchable units)</td></tr>
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<tr><td></td><td>• 400kV line bays – 6 Nos. (with provision for SLR)
• 220kV line bays – 12 Nos.
• 220kV Sectionalizer – 3 sets
• 220kV Bus Coupler (BC) Bay – 3 Nos.
• 220kV Transfer Bus Coupler (TBC) Bay – 3 Nos.</td><td></td></tr>
<tr><td>2.</td><td>Bellary PS – Davanagere / Chitradurga 400kV (Quad ACSR moose) D/C line</td><td></td></tr>
<tr><td>3.</td><td>2x125 MVAr 420kV bus reactors at Bellary PS</td><td></td></tr>
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<tr><td></td><td>Davanagere/ Chitradurga
• 765kV, 330 MVAr Bus Reactor – 2 Nos. (7x110 MVAr including 1 switchable spare unit for both bus reactor and line reactor)
• 765kV Bus Reactor bays – 2 Nos.</td><td></td></tr>
<tr><td>4.</td><td>Upgradation of Narendra New – Madhugiri 765kV D/C line (presently charged at 400kV level) at its rated 765kV voltage level#
• 765kV line bays – 2 Nos. (at Narendra New)
• 765kV line bays – 2 Nos. (at Madhugiri)</td><td></td></tr>
<tr><td>5.</td><td>Upgradation of Madhugiri {Tumkur (Vasantnarsapura)} to its rated voltage of 765kV level along with 3x1500 MVA, 765/400kV ICTs and 2x330 MVAr, 765kV bus reactors
• 765/400kV, 1500 MVA, ICTs – 3 Nos. (10x500 MVA incl. 1 spare unit)
• 765kV ICT bays – 3 Nos.
• 400kV ICT bays – 3 Nos.
• 765kV, 330 MVAr Bus Reactor – 2 Nos. {7x110 MVAr including 1 spare unit}
• 765kV Bus Reactor bays – 2 Nos.</td><td></td></tr>
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B. Transmission Scheme for integration of Bellary REZ
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<tr><th>Sl. No</th><th>Name of the Transmission Element</th><th>Scheduled COD as per Gazette Notification</th></tr>
<tr><td>1.</td><td>Establishment of 4x500 MVA, 400/220kV Pooling Station near Bellary area (Bellary PS), Karnataka
• 400/220kV, 500 MVA, ICTs – 4 Nos.
• 400kV ICT bays – 4 Nos.
• 220kV ICT bays – 4 Nos.</td><td>30 months</td></tr>
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Sl. No.	Existing Clause	New/Revised Clause		
			• 400kV line bays – 2 Nos. (at Bellary PS for termination of Bellary PS – Davanagere / Chitradurga line)) • 220kV line bays – 6 Nos. • 220kV Bus Coupler (BC) Bay – 1 No. • 220kV Transfer Bus Coupler (TBC) Bay – 1 No. **Future Space Provisions:** • 400/220kV, 500 MVA, ICTs – 6 Nos. • 400kV ICT bays – 6 Nos. • 220kV ICT bays – 6 Nos. • 400kV line bays – 6 Nos. (with provision for SLR) • 220kV line bays – 12 Nos. • 220kV Sectionalizer – 3 sets • 220kV Bus Coupler (BC) Bay – 3 Nos. • 220kV Transfer Bus Coupler (TBC) Bay – 3 Nos.	
		2.	Bellary PS – Davanagere / Chitradurga 400kV (Quad ACSR moose) D/C line About 100 km • 400kV line bays – 2 Nos. (at Davanagere / Chitradurga)	
		3.	2x125 MVAr 420kV bus reactors at Bellary PS • 420kV, 125 MVAr bus reactors – 2 Nos. • 420kV, 125 MVAr bus reactor bays – 2 Nos.	