

Amendment –XXI dated 08.12.2023 on the Request for Proposal Document and Transmission Service Agreement issued for selection of bidder as Transmission Service Provider to establish “Transmission system for evacuation of power from Luhri Stage-I HEP” through tariff based competitive bidding process.

Sl. No.	Clause No.	Existing Provisions		New / Revised Provisions				
		S. No.	Scope of the Transmission Scheme	Scheduled COD in months from Effective Date		S. No.	Scope of the Transmission Scheme	Scheduled COD in months from Effective Date
1.	Scope of Work of RFP & TSA document	1.	<p>Establishment of 7x105 MVA, 400/220kV Nange GIS Pooling Station along with 125 MVAR (420kV) Bus Reactor at Nange (GIS) PS(1-Ph units along with one spare unit)</p> <ul style="list-style-type: none"> • 315MVA, 400/220kV ICT: 2 nos. • (7x105 MVA including 1 spare ICT) • 400kV ICT bays: 2 nos. • 220kV ICT bays: 2 nos. • 400 kV, 125 MVAR Bus Reactor # – 1 no. • 400 kV Bus Reactor bay- 1 no. • 400 kV Line Bays- 2 nos. <p>Future provisions: Space for</p> <ul style="list-style-type: none"> • 400/220kV ICTs (315 MVA with single phase units) along with associated bays: 3 nos. • 400 kV line bays along with switchable line reactor: 3 nos. • 220 kV line bays: 10 nos. • 220kV bus sectionalizer: 1 set 	<p><u>Matching time frame of Luhri Stage-I HEP i.e. August, 2026</u></p>	1.	<p>Establishment of 7x105 MVA, 400/220kV Nange GIS Pooling Station along with 125 MVAR (420kV) Bus Reactor at Nange (GIS) PS(1-Ph units along with one spare unit)</p> <ul style="list-style-type: none"> • 315MVA, 400/220kV ICT: 2 nos. • (7x105 MVA including 1 spare ICT) • 400kV ICT bays: 2 nos. • 220kV ICT bays: 2 nos. • 400 kV, 125 MVAR Bus Reactor # – 1 no. • 400 kV Bus Reactor bay- 1 no. • 400 kV Line Bays- 2 nos. <p>Future provisions: Space for</p> <ul style="list-style-type: none"> • 400/220kV ICTs (315 MVA with single phase units) along with associated bays: 3 nos. • 400 kV line bays along with switchable line reactor: 3 nos. • 220 kV line bays: 10 nos. • 220kV bus sectionalizer: 1 set 	<p><u>Matching time frame of Luhri Stage-I HEP i.e. December, 2026</u></p>	
		2.	Nange (GIS) Pooling Station – Koldam 400 kV D/C line (Triple snowbird) (only one circuit is to be terminated at Koldam while second circuit would be connected to bypassed circuit of Koldam – Ropar/Ludhiana 400kV D/C line)		2.	Nange (GIS) Pooling Station – Koldam 400 kV D/C line (Triple snowbird) (only one circuit is to be terminated at Koldam while second circuit would be connected to bypassed circuit of Koldam – Ropar/Ludhiana 400kV D/C line)		

		<p>3. 1 no. of 400kV line bay at Koldam S/S for termination of Nange (GIS) Pooling Station – Koldam 400 kV line along with 125 MVAR (420kV) Bus Reactor at Koldam S/s (1-Ph units along with one spare unit)</p> <ul style="list-style-type: none"> • 400 kV Line Bay- 1 no • 400 kV, 125 MVAR Bus Reactor - 1 (to be terminated in existing line bay at Koldam, which would be available due to bypassing of one circuit of Koldam – Ropar/Ludhiana 400 kV D/c line at Koldam S/stn) 			<p>3. 1 no. of 400kV line bay at Koldam S/S for termination of Nange (GIS) Pooling Station – Koldam 400 kV line along with 125 MVAR (420kV) Bus Reactor at Koldam S/s (1-Ph units along with one spare unit)</p> <ul style="list-style-type: none"> • 400 kV Line Bay- 1 no • 400 kV, 125 MVAR Bus Reactor - 1 (to be terminated in existing line bay at Koldam, which would be available due to bypassing of one circuit of Koldam – Ropar/Ludhiana 400 kV D/c line at Koldam S/stn)
		<p>4. Bypassing one ckt of Koldam – Ropar/Ludhiana 400kV D/C line (Triple snowbird) at Koldam and connecting it with one of the circuit of Nange-Koldam 400kV D/C line (Triple snowbird), thus forming Nange- Ropar/ Ludhiana one line (Triple snowbird)</p>			<p>4. Bypassing one ckt of Koldam – Ropar/Ludhiana 400kV D/C line (Triple snowbird) at Koldam and connecting it with one of the circuit of Nange-Koldam 400kV D/C line (Triple snowbird), thus forming Nange- Ropar/ Ludhiana one line (Triple snowbird)</p>
		<p>5. 1x50 MVAR switchable line reactor at Ropar end of NangeRopar/ Ludhiana 400kV line</p> <ul style="list-style-type: none"> • 400 kV, 50MVAR Line Reactor- 1 no. • 400 kV Reactor Bay- 1 no. <p>.....</p>			<p>5. 1x50 MVAR switchable line reactor at Ropar end of NangeRopar/ Ludhiana 400kV line</p> <ul style="list-style-type: none"> • 400 kV, 50MVAR Line Reactor- 1 no. • 400 kV Reactor Bay- 1 no. <p>.....</p>