

Amendment no. 04 issued dated 29.08.2025 for Intra-State Transmission Scheme for “Execution of System Strengthening/Upgradation Works and Intra-State Transmission System projects by Creation/Augmentation of Grid Stations and Laying of Transmission Lines”

Sl. No.	Clause No.	Existing Clause			New/Revised Clause		
1.	Clause Ref.	RfP Notification, Clause 1.2, Annexure-8 of RFP Document Schedule-1, Schdule-2 and Schedule-5 of TSA.			RfP Notification, Clause 1.2, Annexure-8 of RFP Document Schedule-1, Schdule-2 and Schedule-5 of TSA		
		Sl. No.	Name of Transmission Element	Scheduled COD from SPV Transfer	Sl. No.	Name of Transmission Element	Scheduled COD from SPV Transfer
		A	Construction of Grid Sub Station at Wahipora and Sallar, Kashmir and allied Transmission System		A	Construction of Grid Sub Station at Wahipora and Sallar, Kashmir and allied Transmission System	
		A1.	Establishment of 315 MVA (3x105+1x105), 220/132/11 kV GIS Grid-Sub Station at Wahipora, Kashmir and associated transmission system. • 220/132 kV, 105 MVA auto transformer: 4 nos. (3 plus 1 spare) <u>220 kV GIS Bay:</u> • 220 kV GIS transformer Bay: 1 no. • 220 kV GIS line bay: 2 nos. • 220 kV GIS Bus Coupler bay: 1 no. <u>132 kV GIS Bay:</u> • 132 kV GIS transformer Bay: 1 no. • 132 kV GIS line bay: 4 nos. • 132 kV GIS Bus Coupler bay: 1 no.	18 Months	A1.	Establishment of 315 MVA (3x105+1x105), 220/132/11 kV GIS Grid-Sub Station at Wahipora, Kashmir and associated transmission system. • 220/132 kV, 105 MVA auto transformer: 4 nos. (3 plus 1 spare) <u>220 kV GIS Bay:</u> • 220 kV GIS transformer Bay: 1 no. • 220 kV GIS line bay: 2 nos. • 220 kV GIS Bus Coupler bay: 1 no. <u>132 kV GIS Bay:</u> • 132 kV GIS transformer Bay: 1 no. • 132 kV GIS line bay: 4 nos. • 132 kV GIS Bus Coupler bay: 1 no.	30 Months
		A2.	LILO of one circuit of 220 kV D/C line Kishen Ganga-Wagoora line at Wahipora GSS • LILO of one circuit of 220 kV D/C Line with ACSR Zebra conductor from LILO point (Kishen Ganga- Wagoora) to proposed Wahipora GSS		A2.	LILO of one circuit of 220 kV D/C line Kishen Ganga-Wagoora line at Wahipora GSS • LILO of one circuit of 220 kV D/C Line with ACSR Zebra conductor from LILO point (Kishen Ganga- Wagoora) to proposed Wahipora GSS	
		A3.	Establishment of 160 MVA (3x53.33+1x53.33), 220/33 kV GIS Grid-Sub Station at Sallar. • 220/33/33 kV, 53.33 MVA transformer with 2 LV windings : 4 nos. (3 plus 1 spare) <u>220 kV GIS Bay:</u> • 220 kV GIS transformer Bay: 1 no. • 220 kV GIS line bay: 2 nos.		A3.	Establishment of 160 MVA (3x53.33+1x53.33), 220/33 kV GIS Grid-Sub Station at Sallar. • 220/33/33 kV, 53.33 MVA transformer with 2 LV windings : 4 nos. (3 plus 1 spare) <u>220 kV GIS Bay:</u> • 220 kV GIS transformer Bay: 1 no. • 220 kV GIS line bay: 2 nos.	

Sl. No.	Clause No.	Existing Clause			New/Revised Clause			
			220 kV GIS Bus Coupler bay: 1 no. 33 kV GIS Bay: 33 kV GIS transformer Bay: 2 nos. 33 kV GIS line bay: 6 nos. 33 kV GIS Bus Sectionaliser bay: 1 no. 33 kV Auxiliary Bay: 1 no. Future Space Provisions: 220 kV GIS line bay: 2 nos.			220 kV GIS Bus Coupler bay: 1 no. 33 kV GIS Bay: 33 kV GIS transformer Bay: 2 nos. 33 kV GIS line bay: 6 nos. 33 kV GIS Bus Sectionaliser bay: 1 no. 33 kV Auxiliary Bay: 1 no. Future Space Provisions: 220 kV GIS line bay: 2 nos.		
		A4.	220 kV D/C New Wanpoh-Sallar via Grid Sub Station Mattan Transmission Line 220 kV D/C line with Zebra conductor will be emanating from New Wanpoh (owned by PGCIL) to proposed Sallar GSS passing near 132/33 kV Mattan GSS.		A4.	220 kV D/C New Wanpoh-Sallar via Grid Sub Station Mattan Transmission Line 220 kV D/C line with Zebra conductor will be emanating from New Wanpoh (owned by PGCIL) to proposed Sallar GSS passing near 132/33 kV Mattan GSS.		
		Note: i) JKPTCL will Provide space for Establishment of 315 MVA, 220/132 kV GIS Grid-Sub Station at Wahipora, Kashmir. ii) JKPTCL will Provide space for Establishment of 160 MVA, 220/33 kV GIS Grid-Sub Station at Sallar. <i>Owner of New Wanpoh shall provide 02 nos. of 220 kV line bays at New Wanpoh Substation.</i>			Note: iii) JKPTCL will Provide space for Establishment of 315 MVA, 220/132 kV GIS Grid-Sub Station at Wahipora, Kashmir. iv) JKPTCL will Provide space for Establishment of 160 MVA, 220/33 kV GIS Grid-Sub Station at Sallar. <i>Owner of New Wanpoh shall provide 02 nos. of 220 kV line bays at New Wanpoh Substation.</i>			
		B	Laying of downstream Transmission network from upcoming 400/220 kV Grid Substation Siot, Rajouri (ISTS).		B	Laying of downstream Transmission network from upcoming 400/220 kV Grid Substation Siot, Rajouri (ISTS).		
		B1	Establishment of 2x160 MVA, 220/132/11 kV Grid-Sub Station at Rajouri - II 220/132 kV, 160 MVA transformer: 2 nos. 220 kV Bay: 220 kV transformer Bay: 2 nos. 220 kV line bay: 2 nos. 220 kV Bus Coupler Bay- 1 no. 220 kV Transfer Bus bay: 1 no. 132 kV Bay: 132 kV transformer Bay: 2 nos. 132 kV line bay: 4 nos. 132 kV Bus Coupler bay: 1 no.	18 Months	B1	Establishment of 2x160 MVA, 220/132/11 kV Grid-Sub Station at Rajouri - II 220/132 kV, 160 MVA transformer: 2 nos. 220 kV Bay: 220 kV transformer Bay: 2 nos. 220 kV line bay: 2 nos. 220 kV Bus Coupler Bay- 1 no. 220 kV Transfer Bus bay: 1 no. 132 kV Bay: 132 kV transformer Bay: 2 nos. 132 kV line bay: 4 nos. 132 kV Bus Coupler bay: 1 no.	30 Months	

Sl. No.	Clause No.	Existing Clause			New/Revised Clause			
			• Tertiary bay: 1 no.			• Tertiary bay: 1 no.		
		B2	Establishment of 2x160 MVA, 220/132 kV & 2x50 MVA 132/33 kV Katra-II GIS Grid-Sub Station. • 220/132 kV, 160 MVA transformer: 2 nos. • 132/33 kV, 50 MVA transformer: 2 nos. <u>220 kV GIS Bay:</u> • 220 kV GIS transformer Bay: 2 nos. • 220 kV GIS line bay: 2 nos. • 220 kV GIS Bus Coupler bay: 1 no. <u>132 kV GIS Bay:</u> • 132 kV GIS transformer Bay: 4 nos. • 132 kV GIS line bay: 3 nos. • 132 kV GIS Bus Coupler bay: 1 no. <u>33 kV GIS Bay:</u> • 33 kV GIS transformer Bay: 2 nos. • 33 kV GIS line bay: 6 nos. • <i>33 kV GIS Bus Sectionaliser bay: 1 no.</i> • <i>33 kV Auxiliary Bay: 1 no.</i> <u>Future Space Provisions:</u> • <i>132 kV GIS line bay: 3 nos.</i>		B2	Establishment of 2x160 MVA, 220/132 kV & 2x50 MVA 132/33 kV Katra-II GIS Grid-Sub Station. • 220/132 kV, 160 MVA transformer: 2 nos. • 132/33 kV, 50 MVA transformer: 2 nos. <u>220 kV GIS Bay:</u> • 220 kV GIS transformer Bay: 2 nos. • 220 kV GIS line bay: 2 nos. • 220 kV GIS Bus Coupler bay: 1 no. <u>132 kV GIS Bay:</u> • 132 kV GIS transformer Bay: 4 nos. • 132 kV GIS line bay: 3 nos. • 132 kV GIS Bus Coupler bay: 1 no. <u>33 kV GIS Bay:</u> • 33 kV GIS transformer Bay: 2 nos. • 33 kV GIS line bay: 6 nos. • <i>33 kV GIS Bus Sectionaliser bay: 1 no.</i> • <i>33 kV Auxiliary Bay: 1 no.</i> <u>Future Space Provisions:</u> • <i>132 kV GIS line bay: 3 nos.</i>		
		B3	Establishment of 2x160 MVA, 220/132 kV & 2x50 MVA 132/33 kV at Akhnoor-II (Domana) Grid-Sub Station. • 220/132 kV, 160 MVA transformer: 2 nos. • 132/33 kV, 50 MVA transformer: 2 nos. <u>220 kV Bay:</u> • 220 kV transformer Bay: 2 nos. • 220 kV line bay: 4 nos. • 220 kV Bus Coupler Bay: 1 no. • 220 kV Transfer Bus Coupler bay: 1 no. <u>132 kV Bay:</u> • 132 kV transformer Bay: 4 nos. • 132 kV line bay: 3 nos. • 132 kV Bus Coupler bay: 1 no. <u>33 kV Bay:</u>		B3	Establishment of 2x160 MVA, 220/132 kV & 2x50 MVA 132/33 kV at Akhnoor-II (Domana) Grid-Sub Station. • 220/132 kV, 160 MVA transformer: 2 nos. • 132/33 kV, 50 MVA transformer: 2 nos. <u>220 kV Bay:</u> • 220 kV transformer Bay: 2 nos. • 220 kV line bay: 4 nos. • 220 kV Bus Coupler Bay: 1 no. • 220 kV Transfer Bus Coupler bay: 1 no. <u>132 kV Bay:</u> • 132 kV transformer Bay: 4 nos. • 132 kV line bay: 3 nos. • 132 kV Bus Coupler bay: 1 no. <u>33 kV Bay:</u>		

Sl. No.	Clause No.	Existing Clause			New/Revised Clause			
			• 33 kV transformer Bay: 2 nos. • 33 kV line bay: 6 nos. • 33 kV Bus Coupler bay: 1 no. • 33 kV Auxiliary Bay: 1 no.			• 33 kV transformer Bay: 2 nos. • 33 kV line bay: 6 nos. • 33 kV Bus Coupler bay: 1 no. • 33 kV Auxiliary Bay: 1 no.		
		B4	220kV D/C line from Siot (400/220 kV, ISTS S/s) to Rajouri-II (220/132 kV, GSS)		B4	220kV D/C line from Siot (400/220 kV, ISTS S/s) to Rajouri-II (220/132 kV, GSS)		
		B5	220kV D/C line from Siot (400/220 kV, ISTS S/s) to Katra-II GIS GSS		B5	220kV D/C line from Siot (400/220 kV, ISTS S/s) to Katra-II GIS GSS		
		B6	220kV D/C line from Siot (400/220 kV) to Akhnoor-II (Domana) GSS		B6	220kV D/C line from Siot (400/220 kV) to Akhnoor-II (Domana) GSS		
		B7	220 kV D/C line from Akhnoor-II, GSS –Barn, GSS		B7	220 kV D/C line from Akhnoor-II, GSS –Barn, GSS		
		B8	132 kV S/C line on D/c Tower from Draba GSS – Mendhar GSS		B8	132 kV S/C line on D/c Tower from Draba GSS – Mendhar GSS		
		B9	132 kV from Katra (132 kV, existing GSS) to Katra-II (proposed) on Multi circuit towers with ACSR Panther		B9	132 kV from Katra (132 kV, existing GSS) to Katra-II (proposed) on Multi circuit towers with ACSR Panther		
		B10	132 kV S/C line on D/c towers from Katra-II, GSS - Jhajjarkotli (132/33 kV,GSS) with ACSR Panther.		B10	132 kV S/C line on D/c towers from Katra-II, GSS - Jhajjarkotli (132/33 kV,GSS) with ACSR Panther.		
		Note: i) TSP of Siot 400/220 kV ISTS Substation shall provide 6 nos. 220 kV line bay- at 400/220 kV ISTS S/s Siot for termination of 220 kV D/c line mentioned at Sl .No. B4, B5, B6. ii) JKPTCL will provide 2 nos. of 220 kV line Bays at Barn for termination of 220 kV D/C line from Akhnoor-II. iii) JKPTCL will provide 1 no. of 132 kV line Bay each at Draba S/s and Mendhar S/s for termination of 132 kV S/C line on D/c Tower from Draba to Mendhar. iv) JKPTCL will provide 2 nos. of 132 kV line Bays at Katra (132 kV, existing) for termination of 132 kV D/c line Katra(132 kV, existing) to Katra-II (proposed). JKPTCL will provide 1 no. of 132 kV line Bay at Jhajjarkotli (132/33 kV) for termination of 132 kV S/c line on D/c tower from Katra-II (proposed) GSS to Jhajjarkotli (132/33 kV,GSS).			Note: i) TSP of Siot 400/220 kV ISTS Substation shall provide 6 nos. 220 kV line bay- at 400/220 kV ISTS S/s Siot for termination of 220 kV D/c line mentioned at Sl .No. B4, B5, B6. ii) JKPTCL will provide 2 nos. of 220 kV line Bays at Barn for termination of 220 kV D/C line from Akhnoor-II. iii) JKPTCL will provide 1 no. of 132 kV line Bay each at Draba S/s and Mendhar S/s for termination of 132 kV S/C line on D/c Tower from Draba to Mendhar. iv) JKPTCL will provide 2 nos. of 132 kV line Bays at Katra (132 kV, existing) for termination of 132 kV D/c line Katra(132 kV, existing) to Katra-II (proposed).JKPTCL will provide 1 no. of 132 kV line Bay at Jhajjarkotli (132/33 kV) for termination of 132 kV S/c line on D/c tower from Katra-II (proposed) GSS to Jhajjarkotli (132/33 kV,GSS).			
		C	Construction of Grid Sub Station at Bagthali, Kathua along with LILO of 220 kV S/C Sarna-Hiranagar Line and 220 kV D/C line from 400/220 kV Jatwal (PGCIL) Substation.		C	Construction of Grid Sub Station at Bagthali, Kathua along with LILO of 220 kV S/C Sarna-Hiranagar Line and 220 kV D/C line from 400/220 kV Jatwal (PGCIL) Substation.		
		C1	Establishment of 320 MVA (6x53.33+1x53.33), 220/66/11 kV Grid Substation at Bagthali, Kathua.	18 Months				

Sl. No.	Clause No.	Existing Clause			New/Revised Clause			
			• 220/66/11 kV, 53.33 MVA Transformer: <i>7 nos. (6Nos. plus 1 No. spare)</i> <u>220 kV Bay:</u> • 220 kV transformer Bay: 2 nos. • 220 kV line bay: 4 nos. • 220 kV Bus Coupler bay: 1 no. • 220 kV Transfer Bus bay: 1 no. <u>66 kV Bay:</u> • 66 kV transformer Bay: 2 nos. • 66 kV outgoing Feeders-10 nos. • 66 kV Bus Coupler bay: 1 no.		C1	Establishment of 320 MVA (6x53.33+1x53.33), 220/66/11 kV Grid Substation at Baghthali, Kathua. • 220/66/11 kV, 53.33 MVA Transformer: <i>7 nos. (6Nos. plus 1 No. spare)</i> <u>220 kV Bay:</u> • 220 kV transformer Bay: 2 nos. • 220 kV line bay: 4 nos. • 220 kV Bus Coupler bay: 1 no. • 220 kV Transfer Bus bay: 1 no. <u>66 kV Bay:</u> • 66 kV transformer Bay: 2 nos. • 66 kV outgoing Feeders-10 nos. • 66 kV Bus Coupler bay: 1 no.	24 Months	
		C2	LILO of 220 kV S/C Sarna-Hiranagar line at Baghthali, Grid Substation.		C2	LILO of 220 kV S/C Sarna-Hiranagar line at Baghthali, Grid Substation.		
		C3	220 kV D/C Line from 400/220 kV Substation, Jatwal (PGCIL) to Baghthali GSS		C3	220 kV D/C Line from 400/220 kV Substation, Jatwal (PGCIL) to Baghthali GSS		