



PUNJAB STATE TRANSMISSION CORPORATION LIMITED

Regd. Office: - PSEB Head Office, The Mall, Patiala – 147001, Punjab, India

O/o SE/Planning, PSTCL, Patiala.

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CIN - U40109PB2010SGCO33814

To,

Amendment No: 31/2024-25

- 1) Dy. CE/Grid Construction, PSTCL, Ludhiana.
- 2) Dy. CE/Planning, PSTCL, Patiala.
- 3) Dy. CE/TS (Design), PSTCL, Patiala.
- 4) Dy. CE/TLSC, PSTCL, Patiala.
- 5) Dy. CE/Civil Works, PSTCL, Patiala.

Memo No. 16/20/PI-437

Dated: 17-01-2025

Subject: Regarding additional 500 MVA 400/220kV ICT along with allied bays at 400kV S/Stn. Muktsar

The scope of work is planned as below:

Sr. No.	Name of Sub-Stations	Scope of work	Estimated cost of work (in Crore)	Estimated cost including EC @ 15% and IDC @ 9.5% (in Crore)	Remarks
1	400kV S/Stn. Mukatsar	a) Addl. (4 th) 500MVA, 400/220kV ICT.	27.48	34.6	1. These works are being planned as per the report of ATC/TTC study for paddy-2025.
		b) Allied bays of 500MVA ICT (1 no. 400kV tie bay, 1 no. 400kV ICT bay, 1 no. 400kV extended tie bay and 1 no. 220kV ICT bay)	15.27	19.23	2. Estimated cost has been considered as per Cost data 2024-25 furnished by O/o TS-Design and cost received from the office of ASE TS-III.
		c) 2 no. 220kV line bays at 400kV Mukatsar (GIS)	7.00	8.80	3. These works shall be included in the Transmission works for the FY 2023-26.
		d) Stringing of 2 nd circuit of 400kV Mukatsar-220kV Sandhwan line of length 39.3kM (approx.) conductor size 0.4 sq" on existing DC towers.	10.55	13.29	4. These works will be considered as new works . 5. As per drawing issued by TS/design cell-6, space is available for 220kV line bay at

	e) 1 no. 220kV line bay at Sandhwan.	1.67	2.10	220kV Sandhwan. Also, as confirmed by SE/TLSC memo no. 1994 dated 08.08.2024, space is available for 220 kV line bay at 220 kV Katorewala (Malout). 6. This work is subject to ratification by BODs of PSTCL & subsequently approval of PSERC.
	f) Stringing of 2 nd circuit of 400kV Mukatsar-220kV Malout line of length 24.46km (approx.), conductor size 0.4sq" on existing DC towers.	6.57	8.27	
	g) 1 no. 220kV line bay at 220kV Malout.	1.67	2.1	
	Total estimated cost (in Crores)	70.21	88.39	

This issues with the approval of the Director/Technical of PSTCL.

Mall
17/1/25
Sr. XEN/Planning-1,
PSTCL, Patiala.

CC: - *2-1/25*

Dated: *17-01-2025*

- 1) Director/Technical, PSTCL, Patiala.
- 2) Chief Engineer/TS, PSTCL, Patiala.
- 3) Chief Engineer/P&M, PSTCL, Ludhiana.
- 4) Chief Engineer/Planning, PSPCL, Patiala.
- 5) Dy. Chief Engineer/P&M, PSTCL, Bathinda