



PUNJAB STATE TRANSMISSION CORPORATION LIMITED

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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: 18/2024-25

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

Memo No. *548/SI/PI-208* Dated: *29.08.2024*


Subject: Regarding the scope of upgradation of 66kV S/Stn. Giaspura to 220kV level

The scope of work is planned as below:

S. No.	Name of S/Stn.	Scope of work	Estimated cost (in Crores)	Remarks
1.	220 kV Giaspura (Upgradation from 66kV with hybrid setup i.e. 220 kV portion GIS and 66 kV portion AIS) including SAS	Upgradation of 66kV Giaspura to 220kV with installation of 2X160 MVA, 220/66 kV transformers (including 220 KV GIS 4 Nos. line bays, 3 No. T/F bays and 4 No. Tie bays, 22 nos. 66 kV AIS bays (6no. for power T/F, 2 nos. interconnecting bays, 2 no. for bus coupler, 12 nos. line bays) (Including all civil works of GIS building, control room and administrative room etc.)	140.45	1. The work of replacement of existing ACSR conductor of 220 KV Jamalpur – Dhandari Kalan line with equivalent HTLS conductor (on same towers) having capacity of at least 1200 A has been included in the scope of upgradation of 66 kV Giaspura to 220 kV level because of the high loading of 220 KV Jamalpur – Dhandari Kalan line under normal conditions. 2. Estimated cost has been considered as received from O/o TS-Design/Cell-1 vide email dated 20.08.2024.

	LILO of both circuits of 400 kV Ludhiana – 220 kV S/stn. Dhandari Kalan line at 220 kV S/stn Giaspura (Proposed) on Multi-circuit Monopoles with ACSR Zebra conductor. Length of LILO portion = 4 km M/C (approx.) i.e. 16 circuit km (approx.)	42.707	3. This work shall be booked to head: “New 220kV Giaspura including SAS of Rs. 1 cr”, Sr. No. 47 of Table C: “Spill over of New works planned for 2 nd Control Period from FY 2020-21 to 2022-23” of Annexure-1 as per approved Capital Investment Plan for MYT control period 2023-26.
	Replacement of existing ACSR conductor of 220 KV Jamalpur – Dhandari Kalan line with equivalent HTLS conductor (on same towers) having capacity of at least 1200 A (3.5 km approx.)	1.785	4. This work is subject to ratification by BODs of PSTCL & subsequent approval of PSERC.
	Total	184.942	
	Total estimated cost including EC @ 15% and IDC @ 9.5%	232.89	

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


Sr. XEN/Planning-1,
PSTCL, Patiala.

CC: -

552/56

Dated: 29.08.2024

- 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, Ludhiana.