



PUNJAB STATE TRANSMISSION CORPORATION LIMITED

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CIN-U40109PB2010SGCO33814

To,

Amendment No: 17 /LSW/2021-22

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

Memo No. 390/92

/P-I/356/Vol.-I

Dated: 24.08.2021

Subject: - Regarding upgradation of 66 kV Nawanpind to 220 kV level.

The scope of work is planned as follows:-

Sr. No.	Name of the work	Scope of work approved in MYT 2020-23 (with original Sr. Nos.)	Est. cost approved vide MYT 2020-23 [Includes IEDC @ 6.45% and IDC @ 8.82%] (in Cr.)	Proposed scope of work	Revised est. cost as per cost data 2021-22 and including employee cost @ 15% and IDC @ 10.37% (on estimated project cost + employee cost) (in Cr.)	Remarks
(A)	(B)	(C)	(D)	(E)	(F)	
	220 kV Nawanpind (new grid in the premises of 66 kV S/s Nawanpind) Including SAS for Rs. 1 Cr.	23, 24, 25. LILO of both ckts of 220 kV Verpal – Wadala granthian DC line at proposed 220 kV S/s Nawanpind. 2xDC, conductor size 0.4sq", LILO length 1 KM.	36.50 + 1.78 + 6.10 = 44.38	23, 24, 25. LILO of 220 kV Verpal – Wadala granthian and Verpal – Udhoke lines at proposed 220 kV S/s Nawanpind. 2xDC, conductor size 0.4sq", approx. LILO length 1 KM.	2.774	1. The scope is being revised based on the request from the PSPCL regarding providing 66 kV system at 220 kV Nawanpind. 2. The revised estimated costs in column (E) have been considered
		2x100 MVA, 220/132 kV Auto T/Fs. Including SAS		2x100 MVA, 220/66 kV T/Fs. (including 4 line 220kV)	36.969	


	220 kV bays (4 Nos.)		bays, 2 T/F bays and 1 B/C bay and associated 66 kV bays) including SAS		on the basis of cost data for the year 2021-22.
	26. 132 kV bays (2 Nos.)	1.11	Corresponding 66 kV bays included in Sr. No. 23, 24, 25 above.	-	3. All the revised estimated costs in column (E) include employee cost @ 15% and IDC @ 10.37% (on estimated project cost + employee cost).
	85. LILO of 132 kV Verka – Mal mandi SC line at 220 kV S/s Nawanpind (132 kV bus) LILO length = 1 KM appx. DC on DC.	1.17	--work may be deleted--	-	4. This amendment constitutes the amended scope of works listed at Sr. Nos. 23,24,25,26, 85 & 86 of Table 17 of MYT control period 2020-23.
	86. Augmentation of 132 kV Nawanpind - Verka, 5 KM (0.2sq") and 132 kV Nawanpind - Malmandi (5 KM 0.2sq") with suitable HTLS conductor.	5.83	--work may be deleted--	-	
	Total	52.49		39.743	


The breakup of the proposed expenditure is as below:


Particulars of expenditure	Provision in MYT 2020-23 (in Rs. Crores)	
	FY 2021-22	FY 2022-23
Expenditure approved for 220 kV Nawanpind (new grid in the premises of 66 kV S/s Nawanpind) Including SAS for Rs. 1 Cr. (vide Sr. Nos. 23,24,25,26,85,86 of MYT 2020-23)	33.71	18.78
Expenditure proposed on the above said work (evaluated based on the proportions of the year-wise breakup in the MYT 2020-23)	25.524	14.219

As expenditure of the revised scope is much less than the cost of this work approved in the MYT 2020-23, this amendment is being issued for revision of scope only.

This issues with the approval of Director/Tech.


SE/Planning,
PSTCL, Patiala.


23/8/21


23/8/21

CC: - 393/98 /P-I/356/Vol.-I

Dated: 24.08.2021

- 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, Amritsar.
- 6) SE/TLSC, PSTCL, Patiala.