



PUNJAB STATE TRANSMISSION CORPORATION LIMITED
Regd. Office:- PSEB Head Office, The Mall, Patiala - 147001, Punjab, India
O/o SE/Planning & Communication, PSTCL, Patiala
Fax/Ph:- 0175-2205502, Email:- se_planning@pstcl.org
CIN-U40109PB2010SGCO33814

To

Amendment No: 24/LSW/2021-22

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

Memo No. **506-509** /P-1/361 Dated: **09-12-21**

Subject: Creation of 400 KV Behman Jassa singh(BJS).

The scope of work is planned as follows:-

| Sr. No. | Name of Sub-station | Scope of work | Estimated Cost of Work (in crore) | Remarks |
|---------|----------------------------------|--|-----------------------------------|---|
| 1 | 400 KV S/stn. Behman Jassa Singh | a) 2x500 * MVA, additional 400/220 kV ICT at 400 kV Behman Jassa Singh along with 2 no. 400 kV ICT Bays, 2 nos. 400 KV line Bays, 2 nos. 400 kv Tie Bays, 400 kv Future Bay, 2 no. 220 kv ICT Bays, 220 KV Bus coupler bay, 220 KV Transfer bus coupler bay, 8 nos 220 kv line bays. | 100.00 | 1) The work is being planned on the basis of proposal brought out vide 2nd interim report of Committee constituted by Director Technical vide Letter no. SPL-1 dated:- 21-07-2021 2) Estimated cost of work has been considered for Sr. no. c,d,e,f,g as per cost data 2021-22 furnished by O/o TS(D) , for Sr. no. a,h,i,j as furnished by ASE/TS-III and Sr. no. b as furnished by ASE/TS-I Design 3) This work shall be included |


| | | | | |
|--|--|--|--------|---|
| | | b) LILO of 400 kv Talwandi Sabo-Nakodar line at 400 Kv Behman Jassa Singh(line length-16 km , Twin Moose conductor | 26.130 | <p>in the transmission works for the FY 2021-22</p> <p>4) This amendment shall supercede the previous amendment no. 21/2018-19 dated :-11-09-2018(ii,iii& iv)</p> <p>5) This work is already approved at Sr. No. 3 of Table 15 in MYT 2020-23. With a provision of Rs. 1.0 crore in FY 2022-23</p> <p>5) Total estimated cost after including EC@ 15 and IDC @ 10.37% (FY 2020-21) shall be Rs. Cr. 256.546 crore .</p> <p>6)It was opined that to reduce length of line and avoid 400 KV line crossings, possibility of LILO of one ckt. of 400 KV Talwandi-Mukatsar line which is passing near to the 400 KV Behman Jassa Singh substation may also be explored before taking the work of 400 KV line LILO of proposed amendment in hand.</p> |
| | | c)220 KV D/C line (with OPGW) from 400 KV Behman Jassa Singh to 220kv Talwandi Sabo(Line length - 8km, 0.4 sq") | 8.604 | |
| | | d)LILO of 220 KV Mansa-Talwandi Sabo at 220 KV Maur (Line length -9km, 0.4 sq") | 9.477 | |
| | | e) LILO of both circuits of HPCL Mittal -220 KV Mansa at 220 KV bus of 400 KV Behman Jassa Singh(3x2 KM DC on DC, 0.4sq") | 6.318 | |
| | | f)220 KV D/C line on D/C towers from 400 kv Behman Jassa Singh to GNDTP Bathinda with multi circuit towers in GNDTP premises (Line length -35km , 0.4 sq") | 37.29 | |
| | | g) 6 nos 220 kv bays 2 each at 220 kv Talwandi sabo, Maur & GNDTP. | 6.983 | |

| | | |
|-------|---------|--|
| TOTAL | 194.802 | |
|-------|---------|--|

The break up of the proposed expenditure is as below:

| Particulars of expenditure | Provision in MYT 2020-23 (in Rs. Crores) | | |
|---|--|------------|-----------|
| | FY 2021-22 | FY 2022-23 | Spillover |
| Expenditure proposed on above said work | 10.00 | 150.00 | 96.546 |

This issues with the approval of committee of Director/Technical and independent Director of PSTCL.


Dy.CE/Planning,
PSTCL, Patiala.

CC:- 510-514 /P-I/ 361 Dated 09-12-21

- 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. CE/P&M, PSTCL, Bathinda.