



**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: 12/2023-24**

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

Memo No. 353/56 P-1/253-D Dated: 01.08.2023

**Subject: - Feasibility Clearance for a new connection of M/s Sanathan Polycot Pvt. Ltd., Distt. Fatehgarh Sahib, Punjab for load of 45000kW/35000 kVA. Category type- General industry (PBIP Application no.2212946078).**

The scope of work is planned as follows:

Sr. No	Name of Sub-Station	Scope of Work	Est. Cost (Rs.)	Remarks
1.	220kV G-5 MGG(Wazirabad)	220kV Double circuit line up to M/s Sanathan Polycot Pvt. Ltd., Distt. Fatehgarh Sahib end with ACSR 0.4 sq" length 125 meters(approx.)	35 lacs (TLSC Divn.) + 41 Lacs (Civil works) + Rs. 368.97 Lacs (Grid Const.) + 45.52 lacs (Cost of OPGW)	1. This work is being planned in view of the FCC decision issued by O/o CE / Commercial PSPCL, Patiala vide memo no. 691/PBIP application no.2212946078 dated 13.04.2023 (copy enclosed). 2. Estimated cost has been considered as intimated by O/o ASE/TLSC Division, PSTCL SAS Nagar, vide memo no. 937 dated 03.05.2023,

				<p>ASE/Civil works Division, PSTCL, Mohali vide memo no. 768 dated 16.06.2023, ASE/Grid Const. Division, PSTCL, Patiala vide email dated 03.07.2023 &amp; ASE/Communication design PSTCL, Ludhiana vide email dated 11.07.2023.</p> <p>3. This work will be considered as contributory work.</p> <p>4. This work is subject to ratification by BODs.</p> <p>5. The work be taken in hand only after the deposit of requisite amount by the consumer.</p>
			<b>Total</b>	<b>490.49 Lacs</b>

This issues with the approval of Technical Committee of PSTCL.

  
**Dy. CE/Planning,**  
**PSTCL, Patiala**

CC: - 357/62

Dated: 01.08.2023

- 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.
- 6) Dy. Chief Engineer/ DS Circle, PSPCL, Khanna.



PUNJAB STATE POWER CORPORATION LTD.  
OFFICE OF CE/COMMERCIAL, PATIALA.

To

Dy.CE/PSPCL  
PBIP, Chandigarh.

Memo No.: 691/PBIP Application No. 2212946078 Dated: 13/04/2023

**Sub:** Feasibility clearance for a new connection of M/s Sanathan Polycot Pvt. Ltd., Distt. Fatehgarh Sahib, Punjab for load of 45000 kW/35000 kVA. Category type – General industry (PBIP Application no. 2212946078).

**Ref:** Dy.CE/DS, Circle, PSPCL, Khanna office memo No. 2946 dated 13.03.2023.

The subject cited case was discussed in the FCC meeting held on 28.03.2022 as per data/proposal received online from Dy.CE/PSPCL PBIP Chandigarh on 21.03.2023. The approved Minutes of Meeting are enclosed herewith for your information and necessary action please.

This issues with the approval of competent authority.

DA/As Above

dt.

CC:-

6.92/96  
13/04/2023

  
13/4/23  
ASE/Sales-4  
For: CE/Commercial,  
PSPCL, Patiala.

1. CE/TS, PSPCL, Patiala.
2. CE/DS Central Zone, PSPCL, Ludhiana.
3. CE/Planning, PSPCL, Patiala.
4. CE/TS, PSTCL, Patiala.
5. Dy. CE/DS, Circle, PSPCL, Khanna.

**Minutes of Meeting of Feasibility Clearance Committee held on 28.03.2022.**

**Sub: Feasibility clearance for a new connection of M/s Sanathan Polycot Pvt. Ltd., Distt. Fatehgarh Sahib, Punjab for load of 45000 kW/35000 kVA. Category type – General industry (PBIP Application no. 2212946078).**

The subject cited case was discussed in FCC meeting held on 28.03.2023 as below:-

220 kV S/Stn. G-5 MGG shall be erected by PSTCL in the land of 7 acres provided by PSIEC (without cost) after making LIL arrangement of 220 kV RTP-G-1 MGG Ckt-3 and 220 kV RTP - Bassi Pathana - G-1 MGG Ckt-4 passing through the land provided by PSIEC. Field office has proposed to release the load of applicant by erecting new 220 kV Double Circuit line upto consumer end with ACSR 0.4 sq" length 125 meters (approx.) to be emanated from new proposed 220 kV S/Stn. G-5 MGG. Also, applicant has sought 220 kV DC Connection with Continuous Process. Accordingly, field office may take up the matter with the O/o CE/PP&R, PSPCL Patiala regarding Continuous Process Status of the lines.

Expected loading on new proposed 220 kV DC line comes out to be 35 MVA against capacity of 430 MVA (215 x 2) and makes lines loaded by 8.139%.

**A) Backup Line:-** As per the field report, 220 kV S/Stn G-5 MGG (to be erected) is connected to be 220 kV RTP-G-1 MGG Ckt-3 and 220 kV RTP - Bassi Pathana - G-1 MGG Ckt-4 through 220 kV SC line having 0.4 sq. inch ACSR with current carrying capacity of 564.20 Amps each.

As per field report, Maximum Demand recorded on 220 kV RTP-G-1 MGG Ckt-3 is 95.238 MVA (250 Amps dt. 15.01.2023) and 220 kV RTP - Bassi Pathana - G-1 MGG Ckt-4 is 83.809 MVA (220 Amps. dt. 22.07.2022) considering load growth 4% (7.161 MVA) and applied load of the applicant 35.000 MVA, expected loading on the lines comes out 221.208 MVA against the total current capacity of lines 2 x 215 MVA = 430 MVA, making the lines loaded by 51.44 %.

**B) Feeding/Mother Station:-**

Due to interconnection of 220 kV system, load will be released from 220 kV Bus Bar, as such Mother Station cannot be ascertained.

Dy. CE/DS Circle PSPCL Khanna has certified that:

1. No defaulting amount and court case is pending against the applicant till date.
2. 1 No. 220 kV line, 1 No. 66 kV line and 1 No. 11 kV Feeder are passing through the premises of the applicant. 11 kV Feeder has been shifted by erecting 3 core 11 kV XLPE cable 35 mm<sup>2</sup> on 9 meter poles inside the premises due to non-availability of space for erecting poles outside the premises and due to land not provided/left by the applicant.

Dy.CE/Planning, PSTCL Patiala apprised FCC on meeting dated 28.03.2023 that 220 kV S/Stn. G-5 (Wazirabad) will be commissioned by 31.05.2024.

**In view of above,**

- i. **FCC decided to allow new load of 45000 kW/35000 kVA by erecting new 220 kV Double Circuit line upto consumer end with ACSR 0.4 sq" length 125 meters**



(approx.) to be emanated from new proposed 220 kV S/Stn. G-5 MGG (Wazirabad) after commissioning of this S/Stn.

- ii. Dy.CE/Planning, PSTCL Patiala apprised FCC on meeting dated 28.03.2023 that 220 kV S/Stn. G-5 (Wazirabad) will be commissioned by 31.05.2024. Accordingly, Dy. CE/DS Circle, PSPCL Khanna directed to inform the applicant regarding expected delay in releasing the connection.
- iii. Dy. CE/DS Circle, PSPCL Khanna to take up the matter with the O/o CE/PP&R, PSPCL Patiala regarding Continuous Process Status of the lines.

The expenditure will be recoverable from the consumer as per Supply Code 2014 Regulation no. 9.1.1 (amended up to date).