

**Amendment No: 15/2023-24**

To

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

Memo No. 471/74

/P-II/70A/105

Dated: 18.08.2023

**Subject: Regarding planning of 1 No. 66 KV bay at 220 KV S/s Dhanoula for new 66KV connection to M/s IOL Chemicals & Pharmaceuticals Ltd, Village Fatehgarh Ghanna, Mansa Road, Dhaura, Distt: Barnala for load of 34550Kw/12000kVA (Category: LS General).**

The scope of work is planned as following:

Sr. No.	Name of Substation	Scope of Work	Est. Cost (in Lacs)	Remarks
1.	220 kV S/s Dhanoula	1 no. 66 KV line bay at 220 kV S/s Dhanoula for new 66KV connection to M/s IOL Chemicals & Pharmaceuticals Ltd.	51.58 (including civil works)	<ol style="list-style-type: none"> <li>1. This work is being planned on basis of FCC decision vide memo No. 1078 dated 19-07-23 (Copy Enclosed) and PBIP letter endst. No. 603198 dated 20-07-23.</li> <li>2. Work is being planned as per the confirmation of space availability by Sr.Xen/TS-7, PSTCL, Patiala vide his office memo No. 506 dated 24-04-23, ASE/Grid construction, PSTCL, Patiala office endst. No. 1170 dated 25-04-23 and Sr.XEN/P&amp;M Division, PSTCL, Malerkotla vide his office memo No. 120 dated 20-04-23.</li> <li>3. Estimated cost has been considered as per informed by Sr. Xen/ Grid Construction, PSTCL, Patiala vide his office memo No. 2246 dated 28-07-23 and SE/Civil works, PSTCL vide his office memo No. 1945 dated 07-08-23.</li> <li>4. This work shall be executed as Contributory work &amp; the cost shall be borne by the consumer as per FCC decision dated 19.07.2023. <b>The work to be taken in hand only after the deposit of requisite amount by firm.</b></li> <li>5. This work shall be included in the transmission works for the FY 23-24.</li> <li>6. The work is subject to the ratification by BODs</li> </ol>

This issues with the approval of Technical Committee of PSTCL comprising Director/ Technical and Er. Anil Kaplush, Independent Director of PSTCL.

*[Signature]*  
o/c Dy. CE/Planning  
PSTCL, Patiala.

CC: - 475/83/P-II/70A/105 Dated: 18.08.2023

- 1) Director/Technical, PSTCL, Patiala.
- 2) Chief Engineer/TS, PSTCL, Patiala.
- 3) Chief Engineer/Planning, PSPCL, Patiala.
- 4) Chief Engineer/P&M, PSTCL, Ludhiana.
- 5) Chief Engineer/P&M, PSPCL, Ludhiana.
- 6) Dy. CE/Transmission Planning, PSPCL, Patiala.
- 7) Dy. CE /P&M Circle, PSTCL, Patiala.
- 8) Dy. CE /P&M Circle, PSTCL, Bathinda.
- 9) Dy. CE /DS Circle, PSPCL, Barnala.

*[Signature]*  
18/8/23





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

To

**Dy.CE/PSPCL  
PBIP, Chandigarh.**

**Memo No.: 1078 /SWS/PBIP No. 2212255355**

**Dated: 19/07/2023**

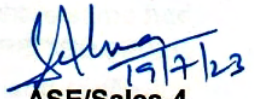
**Sub: Feasibility clearance for a new 66 kV connection of M/s IOL Chemicals and Pharmaceuticals Ltd. Village Fatehgarh Channa, Mansa Road Trident Complex, Dhaula, Barnala of load of 34550 kW/12000 kVA (Plot-B). Category type – General Industry (PBIP Application no. 2212255355).**

**Ref: Dy.CE/DS, Circle, PSPCL, Barnala office memo No. 4153 dated 07.06.2023 and 4587 dated 27.06.2023.**

The subject cited case was discussed in the FCC meeting held on 22.06.2023 as per data/proposal received online from Dy.CE/PSPCL PBIP Chandigarh on 08.06.2023. 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

  
19/7/23  
**ASE/Sales-4**

**For: EIC/Commercial,  
PSPCL, Patiala.**

1079/83 dt. 19/07/2023

CC:-

1. CE/TS, PSPCL, Patiala.
2. CE/DS South Zone, PSPCL, Patiala.
3. CE/Planning, PSPCL, Patiala.
4. CE/TS, PSTCL, Patiala.
5. Dy. CE/DS, Circle PSPCL Barnala.



**Minutes of Meeting of Feasibility Clearance Committee held on 22.06.2023.**

**Sub. Feasibility clearance for a new 66 kV connection of M/s IOL Chemicals and Pharmaceuticals Ltd. Village Fatehgarh Channa, Mansa Road Trident Complex, Dhaula, Barnala of load of 34550 kW/12000 kVA (Plot-B). Category type – General Industry (PBIP Application no. 2212255355).**

The subject cited case was discussed in FCC meeting held on 22.06.2023 and FCC observed as under:-

**History** - The applicant has 2 No. premises namely Plot- A and Plot - B separated by a drain in which 2 No. LS connections, in Plot- A, having A/C No. L63T20100027 of load 14840 kW/2450 kVA (Continuous Process) and in Plot- B, having A/C No. L63T20100026 of load 7810 kW/3990 kVA (Continuous Process) are running.

CEO/PBIP vide memo No. 553/SWS/L/IOL dated 22.03.2023 has been intimated that Plot - A & Plot -B of the consumer be considered as one premises subject to the condition that:-

*"For constructing any overhead/underground electric lines through the area of drain necessary prior approval of PSPCL/CEI departments shall be obtained. Further, no such activity shall be undertaken by the firm in the drain area without prior approval of concerned Govt. department with the approval of CMD/PSPCL."*

Accordingly, Dy.CE/DS Circle PSPCL Barnala has sent the technical proposal to Dy.CE/PSPCL PBIP Chandigarh to release the load of consumer of 34550 kW/12000 kVA (Plot -B).

**The technical detail is as below:-**

**Feeding Line-** As per proposal, field office had initially proposed to release the load of applicant from 220 kV S/Stn. Handiaya by erecting new 66 kV line. However, Sr.Xen/Planning-2 PSTCL Patiala vide memo No. 188 dated 25.04.2023 intimated to Dy.CE/DS Circle PSPCL Barnala that there is no space for erecting new 66 kV Bay and CR Panel at 220 kV S/Stn. Handiaya to release the load of applicant.

**Accordingly, Field office has proposed to release the load of applicant at 66 kV supply voltage after erecting 1 No. new 66 kV Bay at 220 kV S/Stn. Dhanaula and 66 kV line with 2 No. 66 kV 4x1/C U/G XLPE cable 240 mm<sup>2</sup> length 600 meters each (approx.) [1 No. 66 kV 4x1/C U/G XLPE cable 240 mm<sup>2</sup> 600 meters shall be standby] and ACSR 0.2 Sq" SC.**

Sr.Xen/Planning-2 O/o SE/Planning PSTCL Patiala has further intimated to Dy.CE/DS Circle PSPCL Barnala that at 220 kV S/Stn. Dhanaula there is a 66 kV Single Bus Bar and space for 3 No. Bays is spare (marked as 'B' in enclosed sketch) opposite to existing Bays i.e. 66 kV Barnala Ckt-2, 66 kV Badbar and 66 kV Dhadrian. However, connectivity to 66 kV Bay is possible through 66 kV cable. Field office has proposed 66 kV U/G cable to cross the yard and Dhanaula - Barnala Road (as per sketch). The load of 12000 kVA of only this applicant shall be fed on this line. The sketch is not vetted by concerned ASE/TL Division PSPCL.

Expected loading on new proposed 66 kV line shall come out to be 87.5 Amps against current carrying capacity of 380.3 Amps and will make line loaded by 23.00 %.

**Mother Station:-** Expected load on Mother Station 220 kV S/Stn. Dhanaula (Barnala) shall be 216.025 MVA against installed capacity of 260 MVA and is loaded by 83.086 %. Hence, load



can be released. As the loading of S/Stn. is 83.086%, as such, field office may take up matter with PSTCL organization regarding deloading of S/Stn.

**It is submitted that:-**

1. Status of existing 11 kV connections after release of 66 kV connection to the firm not intimated.
2. Status of continuous process industry for 66 kV connection not intimated.

In this regard Dy.CE/DS, Barnala intimated by email dt. 19.06.2023 as under :-

1. Status of existing 11 kV connection after release of 66 kV connection to the firm :  
As per M/s IOL's Undertaking Dated 17/06/2023, after release of 66 kV new connection to it, the firm would surrender both of the existing 11kV connections (A/C - L63T20100027 & L63T20100026).
2. Status of continuous process industry for 66 kV connection :  
As per M/s IOL memo no. IOLCP/108 Dated 17/06/2023, the existing status of continuous process industry would be retained by the firm after its connectivity at 66 kV is approved. The requisite formalities in this respect would be complied with by the firm

Dy. CE/DS Circle PSPCL Barnala has certified that no defaulting amount and no court case is pending against the applicant till date.

The case was deliberated in the FCC meeting and some observations were raised regarding connectivity of existing Bus Bar with new proposed Bay required to release the load at 220 kV S/Stn. Dhanaula. In response, Sr.Xen/Planning-2 PSTCL Patiala intimated FCC that the connectivity of 66 kV Bay is possible through 66 kV cables and the same had been intimated to Dy. CE/DS Circle PSPCL Barnala vide Sr.Xen/Planning-2 PSTCL Patiala memo No. 188 dated 25.04.2023. Also, FCC asked CE/TS PSPCL to give reason regarding laying of 2 No. 66 kV 4x1/C U/G XLPE cable 240 mm<sup>2</sup> of length 600 meters each from 66 kV Bay to 1<sup>st</sup> Tower instead of 1 No. 66 kV XLPE cable. Now, Dy. CE/DS Circle PSPCL Barnala vide his memo No. 4587 dated 27.06.2023 has forwarded revised sketch after vetting of same by ASE/TL Division PSPCL Patiala and ASE/Grid Construction PSTCL Patiala wherein it has been proposed to lay 1 No. 66 kV 4x1/C U/G XLPE cable 240 mm<sup>2</sup> of length 490 meters (approx.) from Point A to F as per revised sketch.

- In view of above,
- i. FCC decided to allow load of 34550 kW/12000 kVA (Plot-B) at 66 kV supply voltage after erecting 1 No. new 66 kV Bay at 220 kV S/Stn. Dhanaula and 66 kV line with 1 No. 66 kV 4x1/C U/G XLPE cable 240 mm<sup>2</sup> length 490 meters (approx.) and ACSR 0.2 Sq" SC total length 7.95 KM (approx.) emanating from 220 kV S/Stn. Dhanaula as per revised sketch and proposal sent by Dy. CE/DS Circle PSPCL Barnala vide office memo no. 4153 dated 07.06.2023.
  - ii. FCC directed to Dy. CE/DS Circle PSPCL Barnala to made compliance of PDCO of existing 11 kV feeders feeding to connections in Plot-A and Plot-B as per PSPCL instructions before the release of connection to consumer at 66 kV supply voltage
  - iii. FCC directed Dy. CE/DS Circle PSPCL Barnala to ensure that the firm complies with requisite formalities regarding retaining of continuous process industry after its connectivity at 66 kV Supply Voltage.
  - iv. The metering equipment and energy meter shall be installed near the main entrance of the premises of applicant as per ESIM Inst. 52 and Supply Code Reg. 7.



- v. FCC directed Dy.CE/DS Circle PSPCL Barnala to inform the applicant regarding expected delay in releasing the connection due to transmission works involved.
- vi. Further, complete compliance of ESIM Inst. 3.3.8 be made meticulously by the concerned field office before release of connection.

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

*File*



## PUNJAB BUREAU OF INVESTMENT PROMOTION

To

**M/s IOL Chemicals and Pharmaceuticals Limited (Plot-B),  
Village Fatehgarh Channa, Mansa Road Trident Complex,  
Dhaura, District – Barnala.**

Memo No. **I/603198/2023** Dated: **20-07-2023**

Subject: - **Feasibility clearance for new load of 34550 kW/12000 kVA to to M/s  
IOL Chemicals and Pharmaceuticals Limited (Plot-B), Village  
Fatehgarh Channa, Mansa Road Trident Complex, Dhaura, District-  
Barnala (iPIN – 1805584293, Application ID - 2212255355) Category  
Type – LS General).**

With reference to requisition form received in online portal of Invest Punjab Business First and undertaking submitted by your firm dated 17.06.2023 submitted to Dy.CE/DS Barnala regarding surrender of both 11 kV connections of Plot A and Plot B before release of 66 kV connection, the above case has been considered by FCC for new load of 34550 kW/12000 kVA CD. As per the data/information supplied by Dy. CE/DS Barnala vide memo nos 4153 dated 07.06.2023, subsequent information vide his office memo no 4587 dated 27.06.2023 submitted to CE/Commercial and discussions held in FCC meeting held on 22.06.2023 and as per the minutes of meeting received from CE/Commercial, PSPCL, Patiala in online portal on 19.07.2023 vide memo no.1078/PBIP Application No 2212255355 dated 19.07.2023, the above load can be released with the following conditions: -

1. (i) **The new connection with load of 34550 kW/ 12000 kVA (Plot B) at 66 kV supply voltage shall be released after erecting 1 No. new 66 kV Bay at 220 kV S/Stn. Dhanaula and 66 kV line with 1 No. 66 kV 4x1/C U/G XLPE cable 240 mm<sup>2</sup> length 490 meters (approx.) and ACSR 0.2 Sq” SC total length 7.95 KM (approx.) emanating from 220 kV S/Stn. Dhanaula as per revised sketch and proposal sent by Dy.CE/DS Circle PSPCL Barnala vide office memo no. 4153 dated 07.06.2023.-**
  - (ii) **The load shall be released after PDCO of existing 11 kV feeders feeding to connections in Plot-A and Plot-B before release of connection.**
  - (iii) **The metering equipment and energy meter shall be installed near the main entrance of the premises of applicant as per ESIM Inst. 52 and Supply Code Reg. 7.**
  - (iv) **Retaining of permission regarding continuous process supply status from the o/o CE/PPR PSPCL Patiala after connectivity at 66 kV voltage level.**
2. **Your firm will submit an undertaking:**
  - a) **that the load of the firm can be restricted / disconnected in the event of overloading of 66/132/220/400 KV Grid Substation or Grid/System constraints and PSPCL will not be responsible for any financial or other loss / damages to the firm for such load restriction.**



## PUNJAB BUREAU OF INVESTMENT PROMOTION

- b) that if any problem arises regarding Right of Way in the construction of 66 KV line then PSPCL will not be responsible for any financial or other loss / damages to the firm due to any delay in the construction of line.

3. Your firm has to register A&A form along with Rs 46,52,400/- (Rupees Forty Six Lakh Fifty Two Thousand Four Hundred only) which includes Rs.45,60,000/- as 20% security (consumption), Rs.83550/- as security (meter) and Rs. 8850/- as processing fee of the application including 18 % GST within 30 days (extendable up to 60 days) from the date of issue of this letter, failing which this permission shall automatically be elapsed. No further extension in time limit shall be allowed for registration of application/forms on account of whatsoever reasons it may be.

4. This permission shall not be any commitment on the part of PSPCL to release this load/CD. This load/CD shall be released as per policy/ regulation strictly as per prescribed rules of seniority. The above load/CD shall be subject to usual power cuts/energy restrictions as may be enforced from time to time. In case, the consumer fails to register A&A Form within the stipulated period, the total amount of earnest money deposited shall be forfeited. It is further intimated that the seniority shall be refixed according to the date of registration of A&A forms for the issue of demand notice.

5. Release of above load and its continuance shall be subject to the usual commercial instructions/laws and by-laws/ as may be framed by PSPCL. In the event of any contravention of any of the instructions/laws and by laws, PSPCL shall have right to disconnect the supply as per instructions in vogue.

6. PSPCL shall not be responsible for any delay on account of right of way for example clearances to be accorded by Government of India/state agencies, court cases etc.

7. The expenditure will be recoverable as per clause no.9.1.1 of Supply Code - 2014 (amended up to date).

8. If the due date of filing of A&A forms is Saturday, Sunday or Public Holiday, the succeeding working day shall be treated as due date.

*Sanyal*  
Superintending Engineer / PSPCL,  
Punjab Bureau of Investment Promotion,  
Udyog Bhawan, Sector 17, Chandigarh

Dated:

Endst. No.

A copy of the above is forwarded to the following for information and necessary action please:

- 1) Chief Engineer/Commercial, PSPCL, Patiala w.r.t his office memo No. 1078/ PBIP Application No 2212255355 dated 19.07.2023.
- 2) Chief Engineer/Planning, PSPCL, Patiala
- 3) **Chief Engineer/Transmission Systems ,PSTCL, Patiala – is requested to deload 220 KV S/S Dhanaula (Barnala) as anticipated loading is 83.086% after release of load.**
- 4) Chief Engineer/Transmission Systems, PSPCL, Patiala
- 5) **Chief Engineer/P&M PSTCL Ludhiana is requested to deload 220 KV S/S Dhanaula (Barnala) as anticipated loading is 83.086% after release of load.**



## PUNJAB BUREAU OF INVESTMENT PROMOTION

6) Chief Engineer/DS South Zone, PSPCL, Patiala.

- sd -  
Superintending Engineer / PSPCL,  
Punjab Bureau of Investment Promotion,  
Udyog Bhawan, Sector 17, Chandigarh  
Dated:

Endst. No.

**A copy of the above is forwarded to the following for information and further necessary action including the following up of the instructions issued by o/o CE/Commercial vide Memo No.744/48/DD/SR-463 dated 8.11.2016 vide which the loading of the system is to be kept upto 80% . As the loading of 220 KV S/Stn. Dhanaula (Barnala) is more than 80 %, the proposals to de-load the same are required to be sent by the field office:-**

- 1) Dy. CE/DS Circle, PSPCL, Barnala –
  - a) to ensure that with the release of load of this consumer, voltage regulation as well as maximum demand on the 66 KV feeder after taking into account anticipated load, load growth and senior pending load, remains within the stipulated limit as per the prevailing instructions of PSPCL/PSTCL. In case of any violation in this regard, it shall be your responsibility.
  - b) to take up the matter with CE/Transmission Systems, PSTCL, Patiala and to send proposal to CE/Planning to deload 220 KV S/S Dhanaula (Barnala) as anticipated loading is 83.086% after release of load.
  - c) to ensure compliance of PDCO of existing 11 kV feeders feeding to connections in Plot A and Plot B as per PSPCL instructions before release of connection to consumer at 66 kV supply voltage as directed by FCC.
  - d) to ensure that the firm complies with requisite formalities regarding retaining of continuous process industry after its connectivity at 66 kV supply voltage as directed by FCC.
  - e) to ensure complete compliance of ESIM Inst. 3.3.8 meticulously before release of connection as directed by FCC.
  - f) to ensure that the metering equipment and energy meter are installed near the main entrance of the premises of applicant as per ESIM Inst. 52 and Supply Code Reg. 7, as directed by FCC.
  - g) to inform the applicant regarding expected delay in releasing the connection due to transmission works involved, as directed by FCC.
  - h) to ensure compliance of instructions issued by o/o CE/ S&W ,PSPCL, Ludhiana vide his office memo no 6211/18/W-112 dated 25.9.2019 regarding use of XLPE cables.
- 2) Addl. Superintending Engineer/DS Sub-Urban Division, PSPCL, Barnala.
- 3) Asstt. Executive Engineer/DS Sub-Division, PSPCL, Tapa-2.

- sd -  
Superintending Engineer / PSPCL,  
Punjab Bureau of Investment Promotion,  
Udyog Bhawan, Sector 17, Chandigarh.



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ਵਾਈਕ ਨਿਗਰਾਨ ਇੰਜੀਨੀਅਰ  
 ਸ਼ਹਿਦ ਬਿਸਰੀ ਮੰਡਲ,  
 ਡੀ.ਐਚ. ਡੀ. ਵਾਰਡ, ਜ਼ਿਲ੍ਹਾ: ਪਟਿਆਲਾ

Asstt Engineer  
 Op Sub Div. PSPCL Tapa 2

ADDL. S.E.  
 TL DIVISION  
 PSPCL, PATIALA.

Handwritten signature and initials: 'SNG' and 'SNG'.

ਸ਼ਹਿਦ ਵਾਰਜਕਾਰਾ ਇੰਜੀਨੀਅਰ  
 ਵੱਡੇ ਸ਼ਾਬ-ਅਰਬਨ ਮੰਡਲ, ਬਰਨਾਲਾ।

ਉਪ ਮੁੱਖ ਇੰਜ: (ਵੱਡੇ)  
 ਡੀ.ਐਚ. ਡੀ. ਡੀ. ਡੀ. ਸਰਕਲ ਬਰਨਾਲਾ



# ROUGH SKETCH OF 66 KV LINE TO M/S IOL CHEMICALS LTD. DHANAULA FROM 220 KV S/S DHANAULA

FROM PT. A TO F WITH XLPE U/G CABLE

LENGTH OF 66 KV XLPE 2

MM<sup>2</sup> XLPE CABLE

FROM PT. A TO B - 20 MMS.

B TO C - 30 MMS.

C TO D - 70 MMS.

D TO E - 270 MMS.

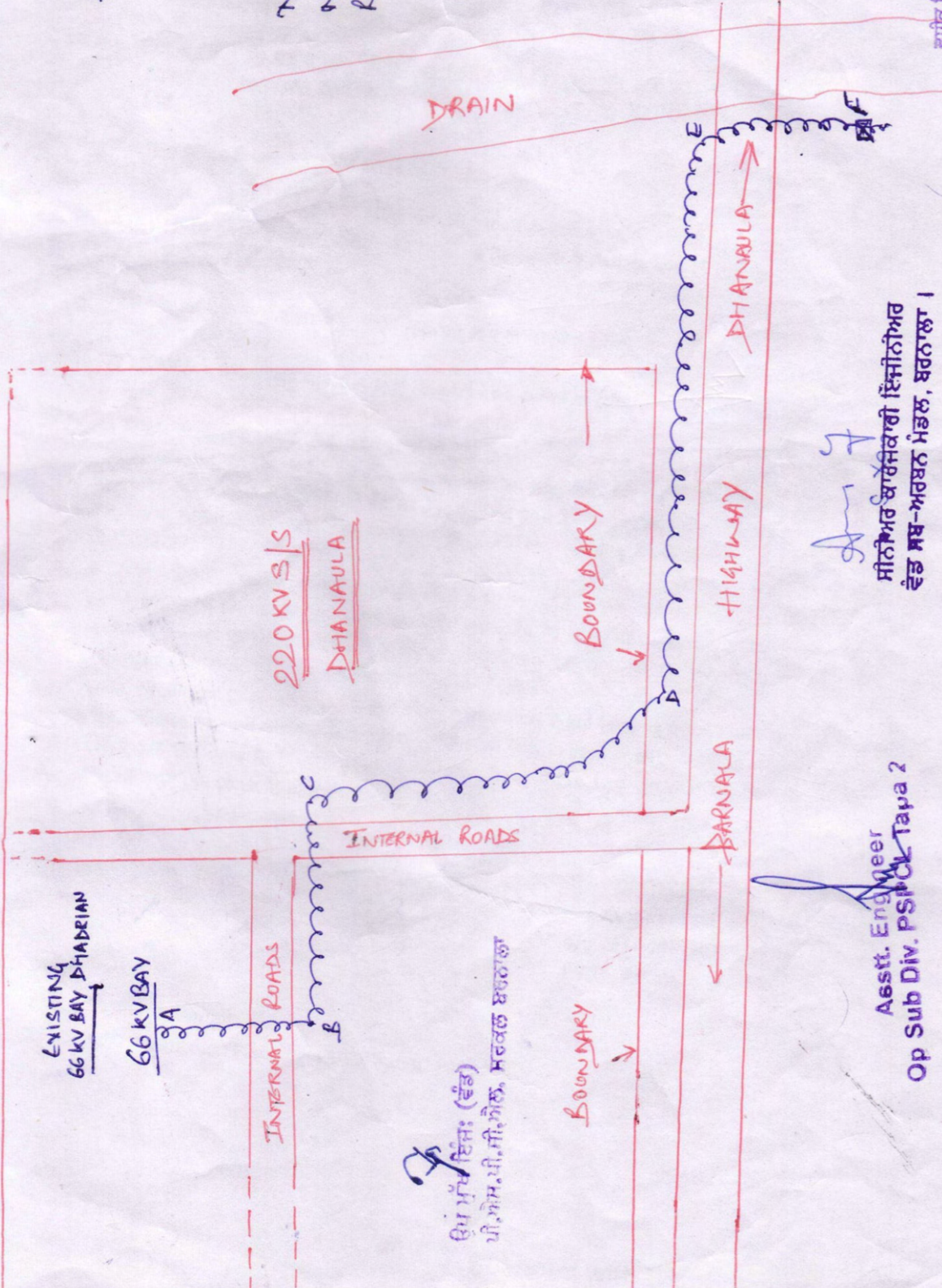
E TO F - 30 MMS.

NO. OF LOOPS - 2X10 - 20 MMS

NO. OF BUNDLES - 4XS - 20 MMS

RAISERS - 20+10 - 30 MMS

Total Length - 49000mm



ਉਸਾਰੀ ਵਿੱਚ: (ਵੰਡ)  
ਪੀ.ਐਸ.ਪੀ.ਸੀ.ਐਲ. ਸਰਕਾਰ ਬਰਨਾਲਾ

ਮੁੱਖ ਮੁਹਿੰਮਗਰ  
M/S IOL CHEMICALS LTD.

ADDL. S.E.  
TL DIVISION  
PSPCL, PATIALA.

ਵਪੁਕ ਨਿਗਰਾਨ ਇੰਜੀਨੀਅਰ.  
ਕਾਰਿਓ ਉਸਾਰੀ ਮੰਡਲ,  
ਐ.ਓ.ਟੂ.ਐ. ਕਾਰਪੋ. ਲਿਮ: ਪਟਿਆਲਾ

ਸੀਨੀਅਰ ਬਾਰੋਮੈਟਰੀ ਇੰਜੀਨੀਅਰ  
ਵੰਡ ਸਬ-ਅਰਬਨ ਮੰਡਲ, ਬਰਨਾਲਾ।

Asstt. Engineer  
Op Sub Div. PSPCL Tapa 2



ROUGH SKETCH OF 66 KV LINE FOR M/S IOL CHEMICALS LTD. FROM 220 KV S/S DHANADUR

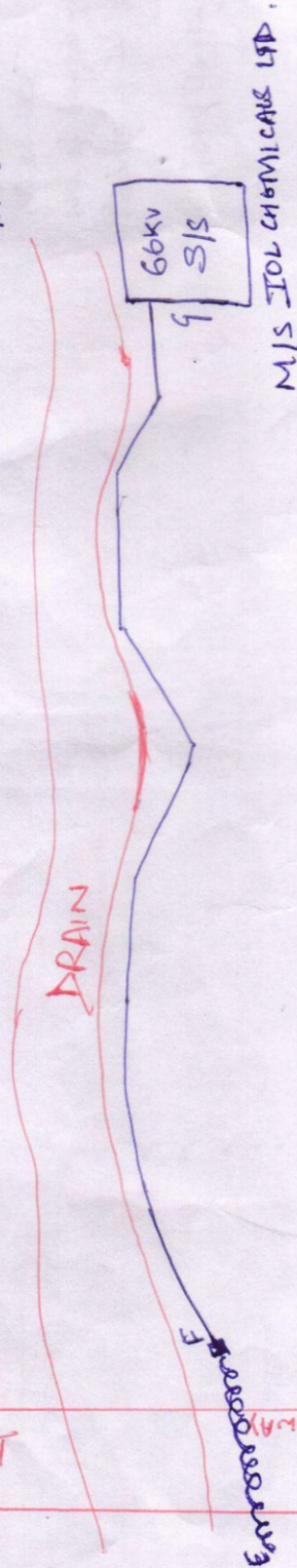
FROM PT. 4 TO 4

LENGTH OF O/H 66KV LINE FROM

POINT 4 TO 4 - 7.95 CKM

SIZE OF CONDUCTOR - 0.25 sq. IN. APPROX.

OVERHEAD LINE WILL BE ERRECTED ALONG THE DRAIN



M/S IOL CHEMICALS LTD.

श्री 4

सीनियर वास्तविकी सिनियर  
इंजिनेर - अरुण सिंह, धरनाला।

ADDL. S.E.  
TL DIVISION  
PSPCL, PATIALA.

Asstt. Engineer  
Op Sub Div. PSPCL Tapa 2

श्री 4  
श्री 4  
श्री 4

ADDL. S.E.  
TL DIVISION  
PSPCL, PATIALA.