TOWER SCHEDULE

S.No.	TOWER LOCATION	TYPE OF TOWER	ANGLE OF DEVIATION	SPAN (M)	REMARKS
1.	TL.NO.-1	2-D-60°	UNDERLINE		
2.	TL.NO-2	2-D-60°	D.T.W.TL-2	30M	
3.	TL.NO-3	2-D-2°		311M	2ND.KIPATH
4.	TL.NO-4	2-D-2°+3M		311M	KIPATH
5.	TL.NO-5	2-D-2°+3M		311M	KIPATH, 2ND LT.
6.	TL.NO-6	2-D-60°+3M	30°-10'L	311M	4ND HT, LT, ROAD
7.	TL.NO-7	2-D-2°+3M		265M	HT,KIPATH
8.	TL.NO-8	2-D-2°		245M	2ND HT,ROAD,LT,KIPATH
9.	TL.NO-9	2-D-60°	8°-10'R	245M	
10.	ATS-iii			30M	400 KV LINE
11.	ATS-iii			30M	
12.	TL.NO-10	2-D-60°	40°-10'L	340 M	MINOR,HT,KIPATH
13.	TL.NO-11	2-D-2°		234M	ROAD
14.	TL.NO-12	2-D-60°+3M	43°-01'R	230M	ROAD,LT,KIPATH,HT
15.	TL.NO-13	2-D-2°+3M		340 M	MINOR,HT,KIPATH
16.	TL.NO-14	2-D-2°+3M		340M	HT
17.	TL.NO-15	2-D-60°+6M	ANCHOR	340M	LT,MINOR
18.	TL.NO-16	2-D-2°+14M		200M	
19.	TL.NO-17	2-D-2°+19M		134M	2ND 220 KV LINE
20.	TL.NO-18	2-D-60°	UNDERLINE	118M	
	TOTAL			4055M	

LIST OF VILLAGES/SETTLEMENTS WHICH COME UNDER/NEAR PROPOSED LINE

1- CHUPKI
2- JASSOWAL
3- BINLA
4- HUMAYUNPURA
5- KHERI DJHAMMERI
6- ALAMGIR
7- DHANDRA
8- MAHMUDPUR

Abw
27.03.19
(Er Dashwadipal Singh SE)

STRINGING AND SAGGING OF SECOND CIRCUIT OF 220 kV PGCIL LUDHIANA - DORAHA LINE (SC ON DC TOWERS) UPTO TL NO-01 OF NEW PROPOSED LINK (LENGTH OF LINE = 0.59 km (CONDUCTOR SIZE = 0.4 sq") EARTH WIRE EXISTS ON THIS LINE

ABSTRACT FOR TOWERS

Sr.NO	TYPE OF TOWER	NORMAL	3M EXTN	6M EXTN	9M EXTN	14M EXTN	19M EXTN	Add.X-RM
1.	2-D-2°	9	5	—	—	—	1	—
2.	2-D-30°	—	—	—	—	—	—	—
3.	2-D-60°	9	2	1	1	—	—	—
4.	ATS-iii	2	—	—	—	—	—	—
5.	TOTAL	20	7	1	1	—	1	—

1.	LENGTH OF LINE	4.055KM
2.	SIZE OF COND.	0.4 Sq"
3.	SIZE OF E/WIRE	7/3.14 mm

DETAIL OF EXIS.220KV.PGCIL LDH-DORAHA LINE

1. RE-SAGGING = 1KM- (330+330+9.67/1214 km)

DETAIL OF EXIS.220KV.LALTON KALAN-DHANDHARI KALAN LINE

1. RE-SAGGING = 1KM.

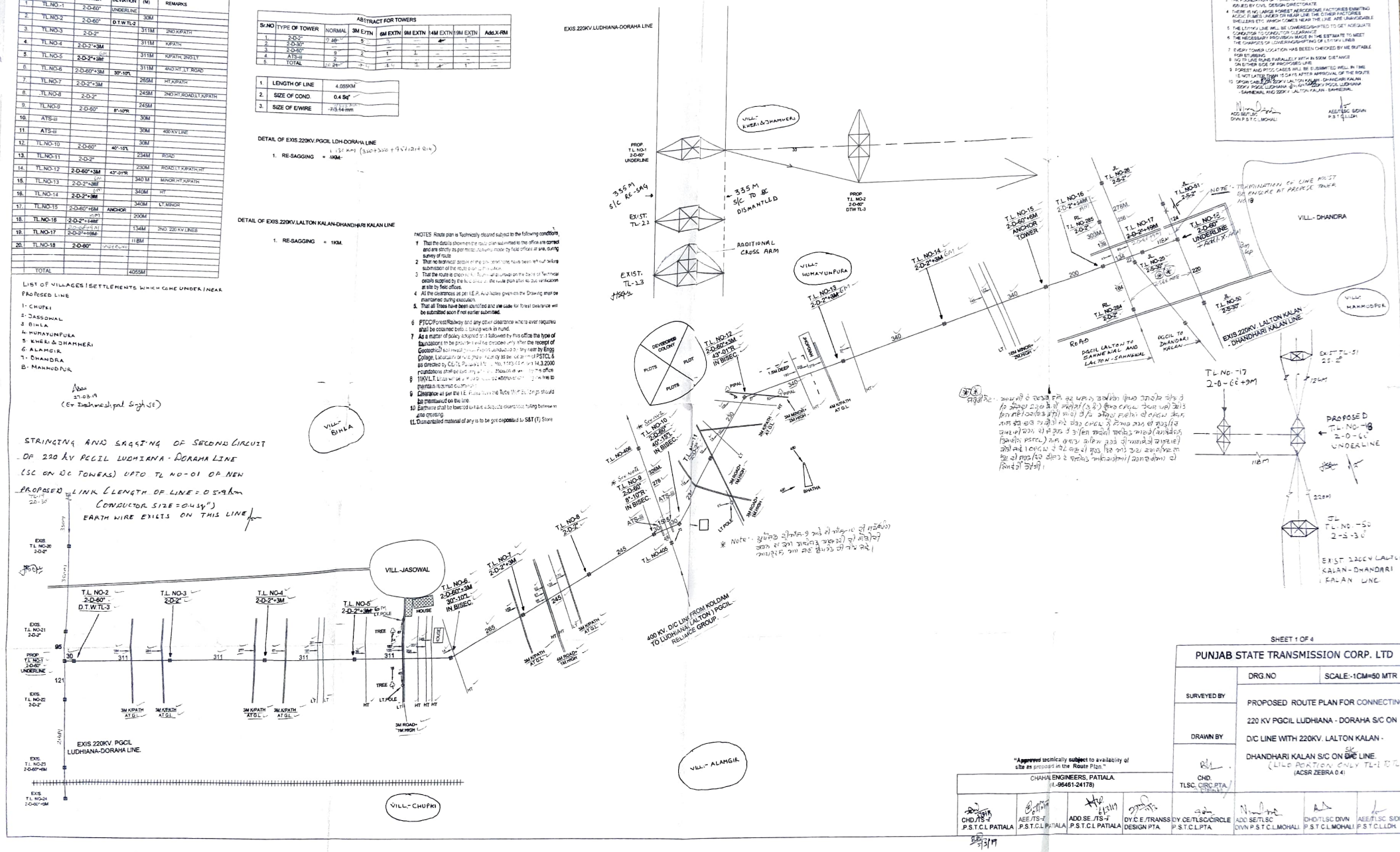
NOTES: Route plan is Technically cleared subject to the following conditions,

1. That the details shown on the route plan submitted to the office are correct and are strictly as per ground/site/work made by field officers at site during survey of route
2. That no technical details of the proposed lines have been left out before submission of the route plan for approval
3. That the route is chosen by the field officers on the basis of technical details supplied by the field officers. The route plan also is subject to verification at site by field officers.
4. All the clearances as per I.E.R. and Notes given on the Drawing shall be maintained during execution.
5. That all Trees have been identified and the case for forest clearance will be submitted soon if not earlier submitted.
6. PTCC/Forest/Railway and any other clearance where ever required shall be obtained before taking work in hand.
7. As a matter of policy adopted and followed by this office the type of foundations to be provided will be chosen only after the receipt of Geotechnical soil investigation reports conducted by any reputed Engg College, Laboratory or Private Agency as per clearance of PSTCL & as directed by CE/TL Punjab vide No. 1755-65 dt. 14.3.2000. foundations shall be laid only after obtaining the above clearance from the office
8. 11KV LT Lines will be provided on the extreme corner of the line to maintain required clearance.
9. Clearance as per the I.E. Rules for the Tube Well Pump sets should be maintained on the line.
10. Earthers shall be lowered to take adequate clearance, falling between the line crossing.
11. Dismantelled material of any is to be got deposited to S&T (T) Store

CERTIFICATE

1. CERTIFIED THAT THE PROPOSED ROUTE IS SHORTEST ONE
2. THE CIVIL WORK WILL BE TAKEN IN HAND AFTER GETTING THE NECESSARY CLEARANCE FROM FOREST AND PTCC LAND AUTHORITIES
3. THE FOUNDATION OF TOWERS WILL BE LAID AS PER DESIGNS ISSUED BY CIVIL DESIGN DIRECTORATE.
4. THERE IS NO LARGE FOREST, MERCHANDISE FACTORIES EXISTING ACROSS FLARES UNDER ON NEAR LINE THE OTHER FACTORIES, SHELTERS ETC. WHICH COMES NEAR THE LINE ARE UNAVOIDABLE
5. THE LT/HV LINE WILL BE CHANGED/SHIFTED TO GET ADEQUATE CLEARANCE TO CONDUCTOR CLEARANCE.
6. THE NECESSARY PROVISION MADE IN THE ESTIMATE TO MEET THE CHARGES OF CHANGING/SHIFTING OF LT/HV LINES
7. EVERY TOWER LOCATION HAS BEEN CHECKED BY ME SUITABLE FOR STABBING
8. NO TUBE WELLS PARALLELY WITH IN 50M DISTANCE ON EITHER SIDE OF PROPOSED LINE
9. FOREST AND PTCC CASES WILL BE SUBMITTED WELL IN TIME IF NOT LATER THAN 15 DAYS AFTER APPROVAL OF THE ROUTE
10. OPGW CABLE ON 220KV LALTON KALAN - DHANDHARI KALAN 220KV PGCIL LUDHIANA - SAHNEWAL KIO 220KV LALTON KALAN - SAHNEWAL

AEE/TLSC SIDHN
P.S.T.C.L.LDH



SHEET 1 OF 4

PUNJAB STATE TRANSMISSION CORP. LTD		
SURVEYED BY	DRG.NO	SCALE:-1CM=50 MTR
DRAWN BY	PROPOSED ROUTE PLAN FOR CONNECTING 220 KV PGCIL LUDHIANA - DORAHA S/C ON D/C LINE WITH 220KV. LALTON KALAN - DHANDHARI KALAN S/C ON SC LINE. (LILO PORTION ONLY TL-1 TO TL) (ACSR ZEBRA 0.4)	
CHD. TLSC. CIRC. PTA		

"Approved technically subject to availability of site as proposed in the Route Plan."

CHAHAL ENGINEERS, PATIALA.
(M.-96461-24178)

CHD./TS-I P.S.T.C.L PATIALA	AEE./TS-I P.S.T.C.L PATIALA	ADD.SE./TS-I P.S.T.C.L PATIALA	DY.C.E./TRANSS DESIGN PTA	DY.CE/TLSC/CIRCLE P.S.T.C.L.PTA	ADD.SE/TLSC DIVN P.S.T.C.L.MOHALI	DHD/TLSC DIVN P.S.T.C.L.MOHALI	AEE/TLSC S/DIV P.S.T.C.L.LDH.