



**भारत सरकार**  
**Government of India**  
**विद्युत मंत्रालय**  
**Ministry of Power**  
**केन्द्रीय विद्युत प्राधिकरण**  
**Central Electricity Authority**  
**विद्युत संचार विकास प्रभाग**  
**Power Communication Development Division**  
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Case No. : GUJ-795:	dt. 14.06.21
PTCC proposal of " Reconfiguration of Bhuj PS to Lakadia PS 765 kV D/C line so as to establish Bhuj-II to Lakadia 765 kV D/C line as well as Bhuj to Bhuj-II 765 kV associated with Transmission system for providing connectivity to RE projects at Bhuj-II (2000 MW) in Gujarat ( Bhuj-II) under TBCB " : 105.676 km	

Reference:		
S. No.	Reference No.	Dated
(i)	PGCIL:WRHQ-II/Engg/PTCC/2106/Bhuj PS-Bhuj-II/435/476	29.07.2020
(ii)	BSNL: IC/MBI/PTCC/GJ-2822	27.07.2020
(iii)	Western Railway: SG. 158/28/12/1140	27.11.2020
(iv)	Defense: B/46937/ Sigs 7(b)/2076	07.10.2020

The PTCC proposal submitted vide reference (i) has been examined. The LF induction on telecom lines of BSNL with respect to details furnished vide above reference (ii) has been computed. The voltages likely to be induced on paralleling telecom lines of BSNL under Single Line to Ground fault condition are enclosed at Annexure-I. The screening factors, as applicable, have been considered. Western Railway vide reference (iii) has intimated that railway lines are out of 8 km area and given their consent for the PTCC route approval of the proposed power line. The Defense Authority have accorded NOC vide above reference (iv) for the proposed power line (a copy enclosed as Annexure-II).

Taking above into consideration, necessary action regarding issuance of PTCC route approval may be taken.

Encl.: As above.

Digitally signed by RAJIVEENDRA PRATAP SINGH  
Date: 2021.06.14 14:09:59 IST

**Director**

**To,**

1.	Divisional Engineer (PTCC), Western Zone	BSNL, Inspection Circle, 3 <sup>rd</sup> Floor, D-Wing, BSNL Admin Building, Juhu Tara Road, Santacruz (West), Mumbai-400054.	Annexure-I & Annexure-II
2.	Sr. DGM (Engg.), WRTS#2, Vadodara	PGCIL, Plot No.-54, Adjacent to Riya-Revati Resort, Sama-Savli Road, Vadodara-390008.	Copy for information

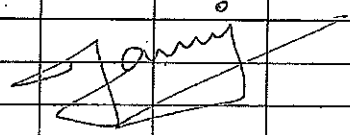
MK

CEA

(Annexure-I)

CEA office case No:		Map Scale: 1 Cm=500 Meters			
JETA (PTCC) Office Case No: 2822		Route Length: 105.676 Kms			
Railway Office Case No:					
Name of Power Line: "Reconfiguration of Bhuji PS-Laxadia PS 765 KV D/C line to establish Bhuji-II-Laxadia 765 KV D/C lines --- [S.R. = 10,000-204]					
Telecom Details from BSNL		Details from Power Company/Authority			
Sl No.	Name of the Telecom Cable/Line	Length of Parameter in Km	Mutual coupling in Ohms	Fault current in Amp	Induced Voltage in Volts
1.	Nakhadra Exch				
1A	" to local 400px1, 200px2, 50px2				
2A	" to local 200px2, 50px2				
3A	" to Vigan 100px1				
2.	Nama Angiya Exch				
1B	" to Nagolpara 50px1				
3.	Vithan Exch				
1C	" to local 100px1, 50px1				
2C	" to local 100px1, 20px3				
4.	Devigar Exch				
1D	" to local 50px1, 20px1				
5.	Kotda Jodidar Exch				
1E	" to local 100px1, 50px1				
2E	" to local 100px1, 50px2				
3E	" to local 100px1, 50px1, 20px2				
6.	Kadiya mote Exch				
1F	" to Kadiya Nama 100px1				
2F	" to Jodiya 50px1				
7.	Khondi mote Exch				
1G	" to local 100px1, 20px4				
2G	" to Khomdi nani 20px1				
8.	Rampas (e) Exch				
1H	" to local 50px1, 20px1				
2H	" to Nevanjmal 50px1				
9.	Mirama Exch				
1I	" to local 100px1, 20px2				
2I	" to local 50px1				
3I	" to local 50px1, 20px1				

IV less than 430V



10/11/2011  
 सहायक निदेशक (II) / Asst. Dir. (II)  
 क्षेत्रीय विभाग / Regional Office  
 विद्युत मंत्रालय / Ministry of Power  
 भारत सरकार / Govt. of India  
 नई दिल्ली / New Delhi

File : 23019746

(Annexure - II)

Directorate General of Signals  
Signals - 7  
General Staff Branch  
Integrated HQ of MoD, (Army)  
DHQ PO, New Delhi - 110011

605-795


B/46937/Sigs 7(b)/2076

PowerGrid Bhuj Transmission Limited  
B-9, Qutub Institutional Area, Katwaria Sarai  
New Delhi-110016

07 Oct. 2020

**TRANSMISSION LINE PACKAGE TL01 FOR "RECONFIGURATION OF BHUJ PS-  
LAKADIYA PS 765KV D/C LINE AS TO ESTABLISH BHUJ-II -LAKADIYA 765KV D/C LINE  
AS WELL AS BHUJ-BHUJ-II 765KV D/C LINE ASSOCIATED WITH TRANSMISSION  
SYSTEM FOR PROVIDING CONNECTIVITY TO RE PROJECTS AT BHUJ-II (2000MW) IN  
GUJARAT (BHUJ-II) UNDER TARIFF BASED COMPETITIVE BIDDING (TBCB) ROUTE"-  
FOR MARKING OF DEFENCE TELECOM DETAILS**

1. Ref your letter No WRHQ-II/Engg/PTCC/2106/Bhuj-2/422/305 dt 03 Jul 2020 (copy att).
2. No Objection Certificate (NOC) is accorded based on inputs provided vide Map sheets received under your letter mentioned above.
3. Documents alongwith map sheets (in original) are returned herewith for your further necessary action.

  
(A. Rawat)  
Maj  
GSO 1 (Comn)  
for SO-in-C

Enclosures : (As above)

Copy to :-

✓ The Director (PTCC), CEA  
Power Communication Development Division  
NRPC Complex, 18-A Shaheed Jeet Singh Marg  
Katwaria Sarai, New Delhi - 110016

✓ The DET (PTCC), Northern Zone  
O/o PGM (North), QA & Inspection Circle,  
D-Tax Building, Janpath  
New Delhi-110001

for information