



सत्यमेव जयते

भारत सरकार
Government of India
विद्युत मंत्रालय
Ministry of Power
केन्द्रीय विद्युत प्राधिकरण
Central Electricity Authority
पावर कम्युनिकेशन डवलपमेंट प्रभाग
Power Communication Development Division

No. CEA/PCD/PTCC/KNK-900/ 296-98

Date: 15/03/2019

Divisional Engineer Telecom (PTCC),
QA & Inspection (T&D) circle, BSNL,
1st Floor, Raj Bhawan Tel. Exchange,
No.26, Sardar Patel Road,
Guindy, Chennai-32

Subject: PTCC Route Approval for 220kV D/C Kalaburgi – R/S at Shahapur at T.No. 385 of existing 220kV Shahapur to Kapnoor D/C T/L

Reference:

- i) BSNL letter no. SR-PTCC/SKT-2112/5 dated 19/6/18
- ii) Central Railway letter no. N.153/PTCC/220kV/KAR-95 dated 21/11/18
- iii) Defense letter no. B/46937/Sig 7(b)/1103 dated 26/7/18

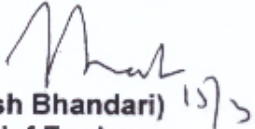
Sir,

The low frequency induction on BSNL and Central Railway telecommunication circuits as per details furnished vide above cited references (i) and (ii) respectively has been examined. The average soil resistivity value has been taken as 20000 Ohms-cm, as per data submitted by Power Authority. Voltages likely to be induced on paralleling BSNL and Southern Railway telecommunication circuits under SLG (Single Line to Ground) fault condition are enclosed at Annex-I & II respectively. The screening factors as applicable have been considered. Vide ref. (iii) above, Defense Authority have issued No Objection Certificate (NOC), a copy is enclosed at Annex-III.

Taking above into consideration, kindly issue PTCC Route Approval.

Encl: As above

Yours faithfully,


(Naresh Bhandari)
Chief Engineer

Copy to:

- (i) GM (S&T), Central Railway, Headquarters Office, S&T Branch, 3rd Floor, Annex Building, Mumbai CSMT (with Annexure II only)
- (ii) Chief Engineer Electricity, SLDC, #28, RC Cross Road, KPTCL, Bangalore - 560 009



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Power Communication Development Division

No. CEA/PCD/PTCC/KNK-900/ 296-298

Date: 15/03/2019

Divisional Engineer Telecom (PTCC),
QA & Inspection (T&D) circle, BSNL,
3rd Floor, 'D' Wing,
Admin Building, BSNL Complex,
Santacruz (W), Mumbai - 400 054

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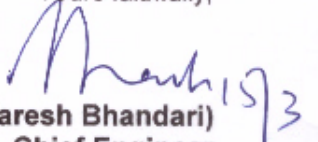
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Case No. SKT-2112		SSA: Gulbarga			
CEA Case No. KNK-900		220 KV DC line on partly M & DC towers from proposed 400/220 KV SS Kalaburgi near Ferozabad village in Kalaburgi Taluk, Kalaburgi District to existing 220/110 KV R/S Shahapur at T.No.385 of existing 220 KV Shahapur to Kapnoor DC line corridor at Shahapur end in Yadgir District.			
Name of the power line					
Length:	11.825	Kms			
Average SR value : 20,000 ohm cms					
Sl.No.	Name of Telecom line	LOP in KMs	MC in Ohms	FC in Amps	IV in Volts
A	Ferozabad Exge UG cables				
1	Exge to Market Ferozabad A-A1				- IV less than 430 V —



नरेश भंडारी/NARESH BHANDARI
 मुख्य अभियन्ता/Chief Engineer
 केन्द्रीय विद्युत प्राधिकरण/C.E.A.
 विद्युत मंत्रालय/Ministry of Power
 भारत सरकार/Govt. of India
 नई दिल्ली/New Delhi-66

ANNEX-II) KNK-908

Tele : 23019746

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


B/46937/Sigs 7(b)/1103 /

22 Jul 2018

O/o the Chief Engineer Electricity,
State Load Despatch Centre,
#28, R.C. Cross Road
Bengaluru-560 009

PROPOSED 220KV D/C LINE ON PARTLY M/C & D/C TOWERS FROM PROPOSED 400/220 KV SS KALABURGI NEAR FIROZABAD VILLAGE IN KALABURGI TALUK, KALABURGI DISTRICT TO EXISTING 220/110 KV R/S SHAHAPUR AT T.No. 385 OF EXISTING 220 KV SHAHAPUR TO KAPNOOR D/C LINE CORRIDOR AT SHAHAPUR END IN YADGIR DISTRICT

1. Reference your letter No CEE/ SLDC/PTCC/F-2755/1631-39 dated 20 Apr 2018 (copy att).
2. No Objection Certificate (NOC) is accorded based on inputs provided vide Map sheet 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

Copy to :-

Central Electricity Authority
Power Communication Development Division
NRPC Complex, 18-A, Shaheed Jeet Singh S Marg
Katwaria Sarai, New Delhi - 110016

- For information.