



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

सं.: CEA/PCD/PTCC/MP-423

2457

Date: 16.11.2018

19

DET (PTCC), Inspection Circle,
Bharat Sanchar Nigam Limited,
3rd Floor, D-Wing, BSNL Admin Bldg.
Juhu Tara Road, Santacruz (West),
Mumbai-400054

Subject: PTCC Route Approval for 220kV DCDS line from 400kV Julwania to 132kV Sendwha (being upgraded to 220kV.)

Ref (i) BSNL SDE (PTCC), Bhopal Ltr.No. TM/PTCC/RA-1/MP-783/ dt.28/08/2018
(ii) Western Railway Ltr.No. SG.158./28/10/L-171 dt.26/09/2018
(iii) Defence letter no. B/46937/Sigs 7(b)/912 dt.:14.05.2018

Sir,

The instant PTCC proposal has been examined. The low frequency induction on telecom cables of BSNL with respect to details furnished vide above reference (i) has been computed under Single Line to Ground fault condition and are enclosed at Annex-I. The average Soil Resistivity (SR) value has been taken as 50,000 Ohm Cm, as per the data submitted by power utility i.e., Madhya Pradesh Power Transmission Co.Ltd. (MPPTCL). The screening factors, as applicable, have been considered. Vide Ref. (ii), and (iii) above, Western railway and Defense authority has accorded No Objection Certificate (NOC) (copy enclosed at Annex-II and III).

Taking above into consideration, kindly take necessary action regarding issue of PTCC route approval

Encl.: As above

(Naresh Bhandari)
Chief Engineer

Copy to:

Chief Engineer (Procurement), MPPTCL, Block No.3 Shakti Bhawan, Rampur, Jabalpur,
(M.P.)-482008

mk

ANNEXURE - I

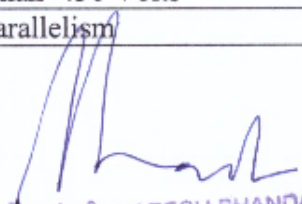
Case No.: MP 423

Name of the Power line: 220kV DCDS line from S/s Julwania (400kV) to proposed 220kV S/s Sendhwa (132kV S/s being upgraded to 220kV)

Map Scale : 1cm=500mts
Total Length : 34.872 Km.
S.R. Value : 50,000 Ohms-cm

S.No.	Telecom. Details	Length of Parallelism in Km.	Mutual Coupling in Ohms.	Effective Fault current in Amps.	I.V in Volts.
-------	------------------	------------------------------	--------------------------	----------------------------------	---------------

BSNL DETAIL		
Ref. No. TM/PTCC/RA-1/MP-783 dated 28/08/2018		
Julwania Exchange.		
1	Location(A) to Location (B)-200 pair	Out of Parallelism
2	Location(C) to Location (D)-100 pair	
3	Location(E) to Location (F)-50 pair	
4	Location(G) to Location (H)-20 pair	
5	Location(I) to Location (J)-10 pair	
Balsamud Exchange		
1	Location(A) to Location (B)-50 pair	Out of Parallelism
2	Location(C) to Location (D)-20 pair	IV less than 430 Volts
3	Location(E) to Location (F)-10 pair	Out of Parallelism


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



भारतीय रेलवे
Western Railway

WESTERN RAILWAY

Chief Engineer (Proc.), MPPTCL, Jabalpur L. No. 04-01/PTCC/2463/TR-I/721, Dated 02.01.2018 to The DET (PTCC), Mumbai and copy marked to CSTE(Tele), Churchgate.

No. SG.158/28/10/L-171

Date 23.08.18


The Divisional Engineer (Telegraphs) PTCC,
Bharat Sanchar Nigam Limited,
'D' Wing, 3rd Floor, Telecom Complex,
Juhu Tara Road, Juhu Danda,
Santacruz (West),
Mumbai-400 054.

Sub: PTCC approval for "Construction of 220KV DCDS line from Julwania (400KV) to 132 KV Sendwha (being upgraded to 220KV)" - NOC.

Ref: Chief Engineer (Proc.), MPPTCL, Jabalpur L. No. 04-01/PTCC/2463/TR-I/721, Dated 02.01.2018 to The DET (PTCC), Mumbai and copy marked to CSTE(Tele), Churchgate.

Chief Engineer (Proc.), MPPTCL - Jabalpur vide letter / drawing referred above has submitted the proposal for PTCC route approval for proposed "Construction of 220KV DCDS line from Julwania (400KV) to 132 KV Sendwha (being upgraded to 220KV)." As per the above plan Western Railway's lines are out of 8km area of proposed power line.

in view of the above, proposed "Construction of 220KV DCDS line from Julwania (400KV) to 132 KV Sendwha (being upgraded to 220KV)" may be treated as approved from S&T point of view of Western Railway.

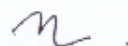

(R. P. Shrivastava) 26/08/18
Dy. CSTE / PLG / CCG.
for General Manager (S&T)

Copy to:

1. Chief Engineer (Proc.)
MPPTCL,
1st Floor, Block No.-3, Shakti Bhavan,
Rampur, Jabalpur
Madhya Pradesh - 482003
2. SDE (PTCC)
15, Annex Building
Bharat Sanchar Nigam Ltd.,
Hoshangabad Road
Bhopal - 462015

For Information please.

SH R. P. Shrivastava, D.D.


15/11

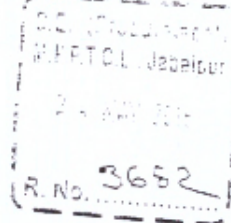
Tele: 23019746

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

B/46937/Sigs 7(b)/912

May 2018

✓ Chief Engineer (Procurement)
Block No 3, Shakti Bhawan,
Rampur, Jabalpur - 482008 (MP)



PTCC ROUTE APPROVAL FOR CONSTRUCTION OF 220 KV DCDS LINE FROM
JULWANIA (400KV) TO 132 KV SENDWHA (BEING UPGRADED TO 220KV)

1. Reference your letter No. 04-01/PTCC/2463/TR-I/74 dated 02 Jan 2018.
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.

(AV Umdekar)
Lt Col
GSO 1 (Comn)
for SO-in-C

Copy to -

Chief Engineer (PTCC),
Chief Electrical authority, NRPC Colony,
18A, Shaheed Jeet Singh Marg,
Block A, Katwaria Sarai, New Delhi - 110016

Sh RPS, (D)

S.E. - I	S.E. - II	S.E. - III
E.E. (TK-I)	E.E. (S/s-I)	E.E. (TA)
E.E. (TK-II)	E.E. (S/s-II)	E.E. (TR)
E.E. (TK-III)	E.E. (S/s-III)	E.E. (P&P)
E.E. (TK-IV)	E.E. (S/s-IV)	E.E. (P&D)
E.E. (TK-V)		S.O.

m
10/11