



## भारत सरकार

## Government of India विद्युत मंत्रालय **Ministry of Power**

## केन्द्रीय विद्युत प्राधिकरण **Central Electricity Authority** विद्युतसंचारविकासप्रभाग

## **Power Communication Development Division**

No.: CEA/PCD/PTCC/TNG-84/ 5 3 7 - 38

Date: 14.09.2020

Subject: PTCC proposal for 220 kV SMDC line from Akkaram 220/11 kV SS to Markook 220/11 kV SS in Siddipet District -regd. Ref.:

- (i) TSTRANSCO Ref. no. CE(LIS)/SE(LIS)/DE3/AE/e-TSTLI-02/2017-18/PTCC/ D.No.185/2019 dated 26.04.2019
- (ii) BSNL Ref. no. SR-PTCC/STS/2460/04 dated 18.10.2019
- (iii) South Central Railway Ref. no. SG.85/4/3/PTCC/SCRTS202003 RC dated 03.02.2020
- (iv) Defense Ref. no. B/46937/Sigs 7(b)/1601 dated 24.06.2019

The PTCC proposal submitted vide ref. (i) has been examined. The LF induction on BSNL cables, as per details furnished vide ref. (ii), has been examined. The Soil Resistivity value has been taken as 10,000 Ohms-cm. Voltages likely to be induced on paralleling BSNL cables under single line to ground fault condition are enclosed at Annex-I. The screening factors as applicable have been considered. South Central Railway, vide ref. (iii) above, has issued NOC for this line. Defense has accorded NOC vide above ref. (iv) for this line (a copy enclosed

Taking above into consideration, kindly take necessary action regarding issue of PTCC route approval. Encl.: As above.

Vpendrakmm2 (Upendra Kumar)

**Chief Engineer** 

To,

The Divisional Engineer (PTCC), Southern Zone, Bharat Sanchar Nigam Limited (BSNL), O/o DET (PTCC), Inspection Circle, 1st Floor, Raj Bhavan Exchange, No. 26, Sardar Patel Road, Guindy, Chennai-600032

Copy to:

Chief Engineer, Lift Irrigation Schemes, TSTRANSCO, Vidyut Soudha, Hyderabad - 500082

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Tele: 23019746

(Annexure-II) TNG-84

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

24 Jun 2019

B/46937/Sigs 7(b)/1601

Chief Engineer,
Lift Irrigation Schemes,
Transmission Corporation of Telangana Limited
TSTRANSCO
Vidyut Soudha,
Hyderabad – 500 082

SUPPLY OF MATERIAL/EQUIPMENT, ERECTION, TESTING & COMMISSIONING, CONSTRUCTION, & CIVIL WORKS OF (I) 220KV SMDC LINE FROM 220/11KV AKKARAM SS TO 220/11KV MARKOOK SS (II) 220/11KV SUB-STATION AT MARKOOK UNDER PACKAGE-14 OF KALESHWARAM LIFT IRRIGATION SCHEME IN SIDDIPET DISTRICT ON TURNKEY BASIS-PTCC PROPOSALS-APPROVAL-REQUESTED-REG

- 1. Ref your letter No Lr. No. CE(LIS)/SE(LIS)/DE3/AE/e-TSTLI-02/2017-18/PTCC/D.No. 18/5/2019 dt 26 Apr 2019 (copy att).
- 2. No Objection Certificate (NOC) is accorded based on inputs provided vide Map sheets received under your above mentioned letter.
- 3. Documents alongwith map sheets (in original) are returned herewith for your further necessary action.

(Å 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

for information.