

Karnataka Power Transmission Corporation Limited

Ph No: 080-22105764
Fax No: 080-22105766
Email: seernd@gmail.com



Office of the
Superintending Engineer Elec.
R&D Centre
KPTCL, Kaveri Bhavan
Bengaluru-560 009

No: SEE/R&D/EEE/KCO-116/F-76(01)/2022-23/

Encl: Additional earthmat drawing

3344-47

Date: 28/10/22

To,
The Superintending Engineer (Elec.),
Transmission (W&M) Circle, KPTCL,
Bagalkote.

Sir,

Sub: Additional earthmat for existing **220/110/11 kV Indi S/s** for the proposed 2 nos. of 220 kV Terminal bays for terminating lines from new 220 kV Chadachan S/s – Reg.

- Ref:** 1. T.O letter no: SEE/R&D/F-76(1)/79-83 Dtd: 12.04.2005.
2. T.O letter no: CEE/SEE/R&D/EEE/KCO-126/F-76(1)/2013-14/760-63 Dtd: 11.09.2013.
3. T.O letter no: SEE(R&D)/EEE/KCO-126/F-76(1)/2016-17/4590-95 Dtd: 31.03.2017.
4. T.O letter no: SEE(R&D)/EEE/KCO-126/F-76(1)/2019-20/3197-3200 Dtd: 04.11.2019.
5. Letter no: CEE(P&C)/SEET/EET2/AE-1/KCO-105/42693/22-23/10393-99 Dtd: 27.09.2022.
6. T.O Note no: SEE(R&D)/EEE/KCO-116/2022-23/A6/3108 Dtd: 17.10.2022.

With reference to the above, the earthmat drawing for 220/110/11 kV Indi S/s in Indi (T), Vijayapura (D) was furnished from this office vide letter cited under ref (1) and suitability of existing earth mat of said S/s was issued vide letter cited under ref (2) for terminal bay work. Subsequently additional earth mat was issued vide letter cited under ref (3) for terminal bay work and vide letter cited under ref (4) suitability was issued for providing additional 3rd 100 MVA, 220/110 kV Power transformer work. Now, this office is in receipt of approved layout plan of the subject station for the proposed 2 Nos. of 220 kV Terminal bays for terminating 220 kV lines from new 220/110/11 kV Chadachan S/s vide letter cited under ref (5).

Based on the approved layout plan, the additional earthmat drawing including existing earthmat area to an extent of 30795 sq. mtr (existing 28275 Sq. mtr + additional 2520 Sq. mtr) is designed for the fault levels of the year 2023-24 (received from planning section on dated: 20.10.2022) and enclosed herewith for further needful.

The copy of the total earthmat drawing showing the details of existing and additional earthmat along with the general guidelines for laying of additional earthmat is enclosed herewith for further needful.

The bill of materials proposed in the drawing is only for additional earth of area of 2520 Sq. mtr & which may vary with the actuals depending on the site conditions. After completing the work compliance report shall be furnished to this office for records.

This is for your information & needful.

Yours faithfully,


Superintending Engineer (Elec.),


R&D Centre
27/10/22

Copy submitted for kind information to:

1. The Chief Engineer, Electy, (RT&R&D), KPTCL, Kaveribhavan, Bengaluru.
2. The Chief Engineer, Electy, Transmission zone, KPTCL, Bengaluru.

Copy to:

1. The Executive Engineer, Major Works Division, KPTCL, Kolar.
2. OC/MF/KCO-128.