POWER GRID CORPORATION OF INDIA LIMITED

(A Government of India Enterprise)

Registered Post with Acknowledgement Due

Ref: SR-II: RTI: F-1465:/22-23/3599

Date: 16th January 2023

M/s. NDR SAFESTORE LLP 2/503, Thilagar Street M A Nagar Red Hills, Chennai 600 052.

Sirs,

Sub: Information sought under RTI Act, 2005 - reg.

This has reference to your online application PGCIL?R/E/23/00017 dated 04.01.2023. The information sought in the application under RTI Act 2005 is as follows:

Query No.1

Clearances from buildings of lines of voltage exceeding 650 V are governed as per Regulation 61 – of 'Central Electricity Authority (Measures relating to Safety and Electric Supply) Regulations, 2010 – the contents reproduced below:

- 1. An overhead line shall not cross over an existing building as far as possible and no building shall be constructed under an existing overhead line
- 2. Where an overhead line of voltage, exceeding 650 V passes above or adjacent to any building or part of a building it shall have on the basis of maximum sag a **vertical clearance** above the highest part of the building immediately under such line, of not less than
 - i. for lines of voltages exceeding 650 Volts up to and including 33,000 Volts 3.7 metres
 - ii. for lines of voltages exceeding 33 kV 3.7 metres plus 0.30 metre for every additional 33,000 Volts or part thereof.
- 3. The **horizontal clearance** between the nearest conductor and any part of such building shall, on the basis of maximum deflection due to wind pressure, be not less than
 - i. for lines of voltages exceeding 650 V up to and including 11,000 Volts 1.2 metres
 - ii. for lines of voltages exceeding 11,000 V and up to and including 33,000 V 2.0 metres
 - iii. for lines of voltages exceeding $33\ kV-2.0$ metres plus 0. 3metre for every additional 33kV or part thereof

As per section 19 of the Right to Information Act 2005, if required, you may file an appeal to the First Appellate Authority of the organization within 30 days of the issue of this order. The address of the First Appellate Authority is given below:

Shri Tarun Bajaj, Executive Director (SRTS-II) Power Grid Corporation of India Ltd., Singanayakanahalii, Yelahanka Hobli, Bangalore 560 064.

e-mail: sr2edo@powergrid.co.in

Tel.No.: 080-23093701

Thanking you,

Yours faithfully,

(K.V.SATYANARAYANA)

Sr. General Manager & CPIO e-mail id: sr2cpio@powergrid.co.in

Tel.No.: 080-23093711

Copy to: ED(SRTS-II), Appellate Authority, POWERGRID, SRTS-II, Bangalore - for kind information.