GOVERNMENT OF INDIA
MINISTRY OF RAILWAYS
(RAILWAY BOARD)

No.2018/Elect(G)/150/1/Pt. New Delhi, dt: 28.09.2020

Principal Chief Electrical Engineers
All Zonal Railways & PUs

Sub: **Adoption of CPWD's "General specifications for Electrical Works Part-IV Substation-2013".**

Ref: **i) RDSO letter no. EL/EM/0025/PSRS dated 12.08.2020.**
ii) MoM of 1st MSG/Electrical General Services held on 17-18 January 2020.

Vide MoM of 1st MSG/Electrical General Services held on 17-18 January 2020, item no. 7,"Protective system (including fire protection for electrical sub-station and distribution network)", RDSO was advised to study CPWD guidelines/specifications and finalize the same for further action.

2. Vide letter under ref.(i), RDSO has recommended that CPWD's "General specifications for Electrical Works Part-IV Substation-2013" contains technical details of various Electrical items in use in a Electrical Substation for distribution of power supply at residential, industrial and commercial areas comprising of equipment such as High Voltage Panel, Transformer, M.V. Panel, Cable Works, Bus Trunking, Earthing System, Power factor Improvement Equipment, Safety Requirements, Unitised/Compact Sub-station etc.

3. The matter was examined in Board's office and found CPWD's "General specifications for Electrical Works Part-IV Substation-2013" are comprehensive and available on CPWD website (https://cpwd.gov.in/Publication/SubStationsFinal2013.pdf). These may be adopted over Indian Railways.

4. Therefore, Railways are advised to follow CPWD specifications except for the description on tender conditions and model NIT (Notice Inviting Tender) mentioned in section- 1 and Appendix II of CPWD's specifications.

This issues with the approval of Competent Authority.

28/09/2020

(Sumit Garg)
Director Elect. Engg.(Power Supply)

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