

GOVERNMENT OF INDIA
MINISTRY OF RAILWAYS
RAILWAY BOARD

NO. 2010/Tele/9(1)/1Pt-1

Dated: 31.12.2019

TELECOM CIRCULAR No. 03/2019

The General Manager, All Indian Railways, NF(Con), CORE
The DG/RDSO/Lucknow, DG/NAIR/Vadodara


Sub: Maintenance of Telecom equipments of TCP/IP based SCADA Communication system.

Ref:(i) Railway Board letter No. 2010/Tele/9(1)/1 Pt.1 dated 20/09/2019.
(ii) RDSO letter No. STT/IP.SCADA/724 vol. 1 dated 09/09/2019.
(iii) RDSO letter No. STT/IP-SCADA/724 vol. 1 dated 01.11.19.

Based on the joint recommendations of Telecom & Traction Installation Directorate of RDSO vide letter reference (3) above, Board (MTR & MST) have approved the following:

1. S&T department will provide, maintain and replace communication media and all telecom networking equipments installed for extending data communication by providing end to end telecom connectivity (including from OFC hut to Remote Terminal Unit (RTU) at switching post of OHE system) for SCADA system.
2. Sufficient Bandwidth as per the requirements of SCADA system will be provided by S&T department. (Present requirement of TCP/IP based SCADA is 2 Mbps)
3. The contracts for traction SCADA system, which have already been awarded by zonal railways, the networking equipments shall be supplied, commissioned, maintained and replaced by SCADA supplier/AMC firms till the warranty or AMC period of SCADA system is over. After the completion of warranty or AMC period, networking responsibility between RCC to RTU shall be taken over by S&T department for maintenance and replacement, etc. In all future SCADA works, the telecom works upto RTU shall be executed by the S&T department.
4. Data transfer speed at switching post will be jointly checked by TRD & S&T Supervisors, in their quarterly inspections or at any time as deemed fit, to verify the proper Bandwidth availability for SCADA system.
5. Electrical Department will carry out all future SCADA works and their AMC contracts excluding Telecom works (communication medium and communication equipment between RTU & OFC hut). Accordingly, Section 4 – communication medium of SCADA specification No. TI/SPC/RCC/SCADA/0130 (Rev.2) with A&C slip No. 1 & 2 will be revised to the extent by TI Directorate of RDSO.

Kindly acknowledge the receipt and ensure compliance.


31.12.19
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Copy to:

1. PCSTEs, All Zonal Railways.
2. PCEEs, All Zonal Railways.