

A&C slip No.2–May, 2018: to Technical specification No. TI/SPC/RCC/SCADA/0130 (Rev.2) for Supervisory Control and Data Acquisition System for 25 kV single phase 50 Hz ac Traction Power Supply.

Amendment Number : 2

Reason of revision: Contradictory information in clause no. 4.2

Date of issue:2018

Please correct the specification No. TI/SPC/RCC/SCADA/0130 (Rev.2) with following corrections.

S.N.	Page & Clause	Existing	As amended
1.	Page 26 Clause 4.1	Purchaser shall provide redundant high speed communication medium between RCC & Station Hut along with STM-1 equipment connected in a ring. The purchaser shall provide all technical details of the communication media offered for SCADA. The communication link up to RTU shall be provided by the purchaser which shall not be redundant one.	Purchaser shall provide redundant high speed communication medium between RCC & Station Hut through STM-1 equipment connected in a ring. The purchaser shall provide all technical details of the communication media offered for SCADA. The communication link up to RTU shall be provided by the purchaser which shall not be redundant one.
2.	Page 26 Clause 4.2	Purchaser shall arrange communication medium between RCC and RTU. For this purpose existing OFC network shall be used between RCC & way station nearest to RTU locations. OFC has been laid along the track and terminated generally in OFC huts at way stations. These OFC huts house STM equipment which are provided in short haul configuration enabling extension of E1 to way stations. Presently the connectivity from OFC hut to RTU locations is on copper cable. If the connectivity between the S&T hut and switching posts is provided with OFC then single mode fiber cable with SC interface enabling communication up to 15 km should be used. Purchaser shall provide redundant communication medium between RCC & RTU along with STM-1 equipment connected in a ring. The purchaser shall provide all technical details of the communication media offered for SCADA.	Purchaser shall arrange communication medium between RCC and RTU. For this purpose existing OFC network shall be used between RCC & way station nearest to RTU locations. OFC has been laid along the track and terminated generally in OFC huts at way stations. These OFC huts house STM equipment which are provided in short haul configuration enabling extension of E1 to way stations. Presently the connectivity from OFC hut to RTU locations is on copper cable. If the connectivity between the S&T hut and switching posts is provided with OFC then single mode fiber cable with SC interface enabling communication up to 15 km should be used. Purchaser shall provide redundant communication medium between RCC & station Hut through STM-1 equipment connected in a ring. The purchaser shall provide all technical details of the communication media offered for SCADA.