

## ELECTRONICS & TELECOMMUNICATION

In order to keep pace with advancement of communication and information technology, Wide Area Network in MPLS cloud are spread across HQ (Bandwidth-100 MBPS), Area offices (Bandwidth-10 MBPS), Weighbridges (Bandwidth-2 MBPS), Central & Area Stores (Bandwidth-2 MBPS), Regional Workshops & other Workshops (Bandwidth-2 MBPS) and Central Hospitals (Bandwidth-2 MBPS) of total 146 locations. A Work Order was also placed for establishment of primary MPLS\_VPN network for 95 additional locations including a Data Centre at New Delhi and Data Recovery Centre at Mumbai with 400 MBPS Bandwidth along with 3 nos. of AHQ locations with 10 MBPS Bandwidth & 90 nos. of other mine locations with 2 MBPS Bandwidth and is expected to be implemented by 30<sup>th</sup> June, 2021. Apart from this, for augmentation of bandwidth of existing network connectivity of ECL at 18 nos. of locations, a work order has been placed on M/s. Railtel Corporation of India Ltd. for execution of the work & is expected to be implemented by 30<sup>th</sup> June, 2021. Lease Internet Lines are in operation at ECL HQ and all Area offices, with Bandwidth of 100 MBPS and 4 MBPS respectively. Up-gradation of Underground mine communication by Auto-cum-manual dial communication system is functional in 38 underground mines. Open Cast Mines are provided with VHF radio communication system.

A supply order was also placed to M/s. Dadhwal Weighing Instrument Repairing Works for the "Weighbridge Automation System" for all the 105 road weighbridges of ECL including RFID based boom barrier access control system & is expected to be implemented by 31<sup>st</sup> July, 2021. A GEM contract dated 03.03.2021 was also awarded to M/s. Hue Service Pvt. Ltd. for establishment of LAN infrastructure in Sanctoria and CH Kalla hospitals in ECL & is expected to be implemented by 30<sup>th</sup> June, 2021.

