



रेलटेल कॉर्पोरेशन ऑफ़ इंडिया लिमिटेड (भारत सरकार का उपक्रम)

RailTel Corporation of India Ltd. (A government of India Enterprise)

www.railtelindia.com

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Press Release

RailTel to Implement Tunnel Radio Communication System to improve safety

RailTel has been awarded the work of provision of Integrated tunnel communication system (VHF Simplex) in sections of Konkan Railway jurisdiction of Rail Link project in Udhampur - Srinagar- Baramulla section of Northern Railway which is a crucial project aimed to connect the valley with the rest of the country. The total cost of the tunnel communication work is Rs. 86.90 cr.

Communication inside the tunnels is interrupted due to poor signal coverage, which can hamper train operation & maintenance activities. This state-of-the-art Integrated Tunnel communication system is designed to provide uninterrupted radio communication between handheld radios inside tunnel, to the base station at tunnel control rooms and Station Masters of adjacent stations.

The handheld devices are provided to staff involved in construction/maintenance activities and train operations. The communication of all channels in the tunnel is independent, simultaneous and failure-free. Completion of this work will ensure safe and smooth running of trains inside the tunnels, on undoubtedly, one of the most difficult terrains of Indian Railway.

Talking about this, Shri Puneet Chawla, CMD/RailTel, said, "Tunnel Communication is a crucial part for overall train communication system and RailTel has expertise to execute it for improving train operations as well as safety. We are already executing similar projects for Panvel - Karjat, Karjat-Lonawala and Kasara - Igatpuri section of Mumbai Division of Central Railway and Castle Rock-Kulem section (Braganza Ghat) of South Western Railway. The Technology being used in these projects is a first for Indian Railways. We are eyeing more similar projects and generating good revenue from these niche projects will not only help to diversify the work experience of RailTel but will also enable us to contribute towards Nation Building."

. This project will achieve the continuous coverage over the entire length of the tunnel, clear audio though out with no interference, reliable system operation under harsh tunnel environmental conditions, trunked radio channels across many bands and ease of system operation and maintenance.

About RailTel

RailTel a "Mini Ratna (Category-I)" Central Public Sector Enterprise, is one of the largest neutral telecom infrastructure providers in the country owning a Pan-India optic fiber network covering several towns & cities and rural areas of the country. Along with a strong a reliable network of 60000+ RKM of Optic fibre, RailTel has two MeitY empaneled tier III



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data centers as well. With its Pan India high-capacity network, RailTel is working towards creating a knowledge society at various fronts and has been selected for implementation of various mission-mode projects for the Government of India in the telecom field. RailTel offers a bundle of services like, MPLS-VPN, Telepresence, leased line, Tower Co-location, Data center services etc. RailTel is also working with the Indian Railways to transform railway stations into digital hub by providing public Wi-Fi at railway stations across the country and total 6060+ stations are live with RailTel's RailWire Wi-Fi.

For more details please contact-

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