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### **Press Release**

**RailTel has been awarded the work of implementing converged communication system over 230 stations in South Western Railway (SWR) Zone valued at Rs.107.44 Crore.**

**RailTel would do Design, Planning, Supply, installation, fixing, configuration, integration and commissioning of this communication system**

**This state-of-the-art IP infrastructure can meet all the current and future connectivity requirements of the Railways and will cater to all future applications aimed at enhancing safety and efficiency of Train operations. –**

**We are confident of making the converged communication network of SWR as a show case and role model for the other Zonal Railways: Shri Puneet Chawla, CMD, RailTel.**

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RailTel Corporation of India Limited, a Mini Ratna Central Government PSU under Ministry of Railways, has been awarded the work of implementing converged communication system over 230 stations in South Western Railway (SWR) Zone valued at Rs.107.44Crore. RailTel was selected for this project through an open tender bidding process.This initiative of SWR to modernize to an all IP(Internet Protocol) telecom infrastructure is among first of its kind to replace the aging Time Division Multiplexing (TDM)based systems.

IP telephony is a general term for technologies, products and services that use the Internet Protocol's packet-switched connections to support voice calling, voicemail, video calling, video conferencing, faxing and instant messaging (IM) etc.IP telephony works by converting voice calls, faxes and other information into digital signals. These digital signals travel through IP networks, such as the internet, as data packets, using IP packet-switched connections. Voice features within IP technology -- such as voice calls and voicemail -- are referred to as 'Voice over IP (VoIP)'.

Thisaid project includes migrating to VoIP based Train Control Communication Systems and Video Surveillance System (VSS). Scope of work includes Design, Planning, Supply, installation, fixing, configuration, integration and commissioning of this communication system.. The project is targeted for completion within12 months.

This state-of-the-art IP infrastructure can meet all the current and future connectivity requirements of the Railways such as Passenger Reservation System (PRS),Freight Operations Information System (FOIS), Coaching Operations Information System (COIS), Caution Order Management System, RailNetfor supervisory offices etc. sand all future applications aimed at enhancing safety and efficiency of Train operations.



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CMD of RailTel, Shri Puneet Chawla said “This project is very close to the core of RailTel’s expertise and we are confident of making the converged communication network of SWR as a show case and role model for the other Zonal Railways. As RailTel maintains the

national IP-MPLS (**Internet Protocol- Multi Protocol Label Switching**) backbone, the integration of the SWR network with the national IP-MPLS network should happen smoothly”.

### **About RailTel:**

RailTel, a "Mini Ratna (Category-I)" Central Public Sector Enterprise under Ministry of Railways, 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 & reliable network of 61000+ RKM of Optic fibre, RailTel has two MeitY empaneled tier III 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, MPLSVPN, 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 6100+ stations are live with RailTel’s RailWire Wi-Fi.

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