

## ACHIEVEMENT HIGHLIGHTS 2020-21

1. KRCL has successfully completed the first ever International Contract for supply, delivery and commissioning of Two 5 cars DEMU Train sets manufactured by ICF, Chennai to Nepal Railway. The team of Konkan Railway involved in this project has taken exemplary initiatives right from bagging the order from Nepal Railway to successfully executing the project to the satisfaction of Nepal Railway. Konkan Railway has also received payment and letter of appreciation from Government of Nepal for successful completion of the first ever International Contract for supply, delivery and commissioning of Two 5 cars DEMU Train sets manufactured by ICF, Chennai to Nepal Railway. KRCL is received the order for Operationalization of train services from Nepal Railway in April 2021. This will be the first ever International Project for KRCL in the area of Train Operations and Maintenance.
2. KRCL has successfully completed the Electric Traction Conversion training of all running staff. This training included almost two months of intensive classroom and field modules each of 440 running staff amounting to almost 26000 man days. The entire training was imparted in-house by setting up of training centre with expert trainers and innovative course modules and field trainings in adjoining railways. The in-house training ensured huge monetary saving to KRCL as well as improved availability of running staff for train operations. Railway Board and concerned Zonal Railways has already been requested to plan for electric locomotives in Coaching Links of trains running on Konkan route. We are also providing special training to running staff on WCAM and WCAG class locomotives being operated in Central Railway.
3. RO-RO wagons are being fitted with Four earthings cables in each wagon as per ACTM item no.6 of para 'C' to ensure safe operation under OHE. As on date 240 wagons out of 338 wagons have been fitted with earthings cables.
4. KRCL has been enlisted along with other selected PSU's to undertake "Rolling Stock Infrastructure Projects" of Indian Railways by Ministry of Railways. A detailed proposal has already been submitted to the Railway Board for enrollment of KRCL to undertake "Rolling Stock on Board" Projects of Indian Railways.
5. KRCL has installed and commissioned three ATES systems in Allahabad division of North Central Railway. These systems have been able to detect cases of Hot Axle, brake binding in trains in trunk route of Allahabad division. The system has accordingly been upgraded to work at speed over 120 kmph on trunk routes of Indian Railways. With this there will be 10 installations of ATES in the country.
6. The work of Setting up of Rolling Stock Component Factory is underway with focus on building the LHB Bogie overhaul Shed with associated Machinery & Plant, power supply arrangements, Utility Block and essential amenities. Central Railway provided funds of Rs.25 Cr during FY2020-21. The progress during the year has been Rs.25.69 Cr which is 7.04% higher than the MOU target of Rs.24 Cr.
7. **ISO-9000 Certification for Automatic Coach Washing Plant (ACWP) and Automated Train Examination System (ATES)** : The two rolling stock maintenance technology products of KRCL – Automatic Coach Washing Plant (ACWP) and Automated Train Examination System (ATES) are ISO 9001:2018 certified for quality management practices in design, manufacturing, installation and commissioning of these systems. ATES technology has also been granted patent from Indian Patent Office, Govt. of India.

## **7 Other achievements and highlights**

- a)** SS-I schedule of LHB coaches have been started at CCC/Madgaon and 31 LHB coaches of KRCL have been attended for SS-I schedule.
- b)** USFD testing of Track Machines was started for the first time in KRCL with assistance from Central Railway. USFD Axle testing of BCM 385, DGS, CSM 947 and CSM 954 has been completed. In-house capability for USFD testing is also being developed.
- c)** The maintenance of Tower Wagons (DETC) have been started by Mechanical department. The formulation of maintenance practices, planning of spares and training of staff is under progress.
- d)** RO-RO rake of KRCL was provided for trial run of RO-RO service between Bengaluru (Nelamangala) - Solapur (Bale). The service was inaugurated through video link by Hon'ble Chief Minister of Karnataka presided by Hon'ble Union Minister of State of Railways and Hon'ble Minister of Revenue and District in charge Minister of Bengaluru Rural on 30.08.2020. A RORO wagon with special fixture to check infringement on MMD was developed for trial of RORO rake in Southern Railway to check feasibility of extending RORO services to Southern Railway.

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