

Siemens Mobility and Consortium Partners Secure Important Rail Contracts in Thailand to Transform Public Transportation

- **Comprehensive turnkey contract for Orange Line to deliver 32 new trains and provide full-scale services from design to integration of mechanical and electrical systems, and maintenance services**
- **Delivery of 21 new trains for Bangkok's Blue Line including signaling upgrade to enhance headway, and maintenance services**
- **Siemens Mobility to provide advanced signaling and telecommunications systems for enhancing intercity connectivity for Northern Thailand's railway**

Siemens Mobility and its consortium partners Bozankaya and ST Engineering Urban Solutions (Thailand) Ltd. have recently secured significant rail contracts in Thailand, including the Metropolitan Rapid Transit (MRT) system in Bangkok, which covers the Orange Line and Blue Line. The contracts involve the delivery of 53 new trains, along with the installation of technical equipment for signaling and maintenance services. Additionally, Siemens Mobility has been tasked with expanding intercity connectivity in Northern Thailand through the double-track railway project from Den Chai to Chiang Rai and Chiang Khong. These contracts mark a significant milestone for Siemens Mobility in Thailand. CH. Karnchang Public Company Limited and Bangkok Expressway and Metro Public Company Limited have been commissioning these projects with the goal of enhancing the efficiency, capacity, and sustainability of Bangkok's public transportation network and Thailand's mainline rail system. The various contracts will begin and conclude between 2024 and 2039.

"With over 30 years of trusted partnership in Thailand, we are delighted to continue to help Bangkok grow sustainably and shape travel in the country for generations to come. Our technology already reaches more than a million passengers in Bangkok every day, helping to reduce congestion and journey times. With 53 new trains,

advanced signaling and telecommunication systems, and long-term maintenance services for the Orange Line, Blue Line, and mainline connections in the north of the country, even more people will be able to reach their destination quickly and emission-free," **said Michael Peter, CEO of Siemens Mobility.**

Siemens Mobility to Deliver 32 New Trains and Integrated Systems for MRT Orange Line; Maintenance Services Ensured

Siemens Mobility, in collaboration with ST Engineering Urban Solutions Ltd. and Turkish railway manufacturer Bozankaya, has secured a comprehensive turnkey contract for the Metropolitan Rapid Transit's Orange Line in Bangkok. The contract involves the delivery of 32 three-car trains, along with the design, installation, and integration of mechanical and electrical systems covering a 35.9-kilometer route. The trains will serve both the east and west sections of the line, combining underground and elevated rail tracks. The scope of work includes delivering rolling stock, signaling systems, communications, platform screen doors, and passenger information systems, ensuring a fully integrated and high-performance transport solution. The new trains are designed with modern technology, spacious interiors, robust air conditioning, and enhanced information systems for passenger comfort. Furthermore, Siemens Mobility's energy-efficient solutions align with Bangkok's sustainability goals, reducing the overall carbon footprint of the Orange Line system. Additionally, Siemens Mobility has been awarded a long-term maintenance contract for the Orange Line, ensuring reliable and smooth operations for years to come.

Siemens Mobility Upgrades MRT Blue Line with 21 New Trains and Enhanced Signaling; Extended Maintenance Services Ensured

Siemens Mobility has secured a contract for the MRT Blue Line upgrade project to supply 21 additional trains and enhance the line's signaling and SCADA systems. With a total length of 48 kilometers and 38 stations, the Blue Line is a vital component of Bangkok's transportation network. Siemens Mobility has been involved in the line's development since 2002, supporting its expansion and modernization. Furthermore, Siemens Mobility will provide full-service maintenance for the additional trains as well as for critical systems such as rolling stock, signaling, communications, platform screen doors and power supply, ensuring the Blue Line's efficiency and reliability until 2039.

Expanding Thailand's Rail Connectivity on the Den Chai - Chiang Rai - Chiang Khong Line

Siemens Mobility has secured a contract to expand intercity rail connectivity in Thailand through the new double-track Den Chai - Chiang Rai - Chiang Khong project. The project comprises two segments, with the first segment covering the 132-km stretch from Ngao to Chiang Rai, including 11 stations. The second segment encompasses the 87-km stretch between Chiang Rai and Chiang Khong, with a total of seven stations. Siemens Mobility will deliver advanced signaling and telecommunications systems, including Centralized Traffic Control (CTC) and an Automatic Train Protection (ATP) system that complies with European Train Control System (ETCS Level 1) standards.

This signaling and telecommunications upgrade is part of a larger civil contract, which includes components such as the Trackguard Westrace MKII interlocking, Controlguide Rail9000 CTC/LCP system, ETCS L1, point machines, DC track circuits, and Clearguard ACM250 axle counters, with additional signaling components sourced locally. The majority of the engineering work will be conducted in Thailand, with support from Siemens' experts in Spain, Australia and Germany.

Siemens Mobility Enhancing Mobility for Everyone in Thailand

Siemens Mobility has a rich history of doing business in Thailand, spanning over 30 years. As a global leader in transport solutions, Siemens Mobility has established itself as a reliable and trusted partner in the country. The company's track record includes significant contributions to Thailand's transportation infrastructure, such as the development of Bangkok's first elevated mass transit system in 1994 and the establishment of the initial subway line in 2004. Siemens Mobility is proud to be the chosen partner for Thailand's railway network expansions and remains committed to delivering seamless, sustainable, reliable, and secure transport solutions for the country.

This press release and a press picture / press pictures/ further material are available at <https://sie.ag/5PsTSW>

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For further information about Siemens Mobility, please see:

www.siemens.com/mobility

Siemens Mobility is a separately managed company of Siemens AG. As a leader in intelligent transport solutions for more than 175 years, Siemens Mobility is constantly innovating its portfolio. Its core areas include rolling stock, rail automation and electrification, a comprehensive software portfolio, turnkey systems as well as related services. With digital products and solutions, Siemens Mobility is enabling mobility operators worldwide to make infrastructure intelligent, increase value sustainably over the entire lifecycle, enhance passenger experience and guarantee availability. In fiscal year 2024, which ended on September 30, 2024, Siemens Mobility posted revenue of €11.4 billion and employed around 41,900 people worldwide. Further information is available at: www.siemens.com/mobility