

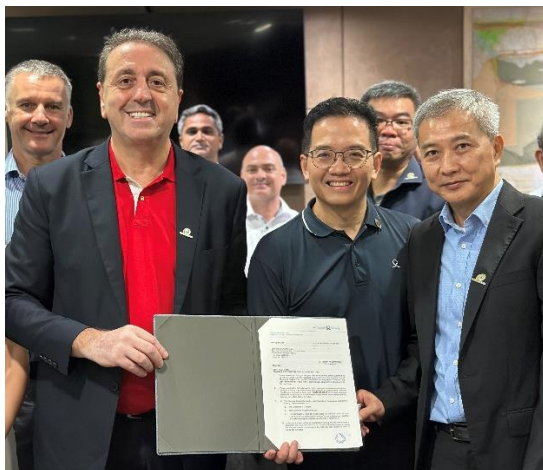
Siemens Mobility Pte. Ltd.

Singapore, August 19, 2024

## Siemens Mobility to lead consortium in delivering power supply system for Cross Island Line in Singapore

- **Supplemental scope to design, supply, install, test, and commission power supply system for Cross Island Line**
- **Third order for Siemens Mobility on the Cross Island Line, following orders for the Overhead Catenary Rigid Power Supply system and Trainguard MT CBTC signaling systems and full-height platform screen doors**

Siemens Mobility (“SMPL”) has been appointed by the Singapore Land Transport Authority (“LTA”) to lead a consortium with Concord Corporation Pte Ltd for the design, supply, installation, testing, and commissioning of the power supply system for Singapore's eighth and newest Mass Rapid Transit system, the Cross Island Line (“CRL”). The contract is worth the volume of approximately SGD400 million (270 million Euros).



*[Left to right] Siemens Mobility CEO for Singapore and Asia-Pacific, Mr. Michel Obadia, Land Transport Authority Singapore Deputy Chief Executive, Mr. Yee Boon Cheow and Concord Corporation CEO & Managing Director Mr. Gan Boon Len signing the new power supply contract.*

“We are proud to be LTA’s chosen partner to electrify the CRL. With this contract, Siemens can leverage our technology leadership to deliver an optimal rail infrastructure system on the CRL comprising not only electrification but also the

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overhead catenary rigid power supply and signalling systems. This is a terrific opportunity for us to further strengthen our longstanding partnership with LTA to expand MRT connectivity and invest in local rail engineering capabilities for a greener and more efficient land transport ecosystem in Singapore.

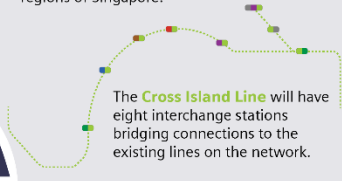
Our power supply solutions and signalling systems for the CRL will enable LTA to connect the physical rail infrastructure with the digital world, gaining more value through integrated digital technologies. This will optimise lifecycle costs and provide a safe and reliable commute for CRL passengers. We look forward to bringing forth our experience and expertise through this contract, and continue to contribute to Singapore MRT's development," said Michel Obadia, CEO of Siemens Mobility Singapore and Asia-Pacific.

### State-of-the-art Power Supply System for Singapore's Cross Island Line

Siemens Mobility to design, supply, install, test and commission power supply systems for the eighth metro line in Singapore









Deepest fully-underground line connecting the eastern, western and north-eastern regions of Singapore.



The **Cross Island Line** will have eight interchange stations bridging connections to the existing lines on the network.

## Powering the new CRL

<p><b>Proven modular design</b> of the power supply systems, allowing <b>seamless integration, ease of upgrade</b> and better interface connectivity.</p> 	<p><b>Condition monitoring systems</b> will be provided to enable seamless monitoring of the equipment performance.</p> 	<p>Contribution to <b>Singapore Green Plan 2030</b> through improved energy consumption and maximised network capacity.</p> 
<p><b>Overhead catenary rigid power supply system</b> will be installed to electrify the Cross Island Line underground system, which was awarded in 2022.</p> 	<p><b>More than 1 million mean kilometers between failure</b>, guaranteeing high reliability and availability for the network.</p> 	<p>Builds on <b>local rail competencies</b> to provide long-term service support and strengthen rail capability.</p> 

### Digital Power Supply Systems for Cross Island Line

For this project, Siemens Mobility will design, supply, install, test and commission the power supply system for CRL which include:

- 3 intake stations (66kV GIS, intake transformers)
- 22kV (MVS): 22kV GIS panels, service transformers
- 1500V DC System: (DC panels, double converter TX, double converters)

Condition Monitoring System and Intelligent Fault Isolation System ("iFIS") are also provided for enhanced performance management. The CRL power supply system is designed with proven modular features that facilitate future upgrades, allowing

seamless integration and better interface connectivity between the power supply and signaling systems, for more sustainable and cost-effective operations overall.

The CRL will be fully-automated and driverless ready, enabled by the digital technologies provided by Siemens Mobility's signalling and power supply systems.

### **Longstanding Relationship with Singapore**

This latest contract builds the already well-established relationship Siemens Mobility has with Singapore, and on a series of other projects Siemens Mobility has been awarded for Singapore's MRT network, which include:

- CRL's Overhead Catenary Rigid Power Supply System and signalling system in 2022 and 2023 respectively.
- JRL's signalling system and power supply system in 2020 and 2022,
- Supply, installation and commissioning of Depot equipment for Tengah Depot in 2021,
- Signalling and the test center for the Downtown Line, as well as
- Electrification for Circle Line Stage 6 and North-East Line extension.

- end -

### **Contact for journalists**

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For further information about Siemens Mobility, please see: [siemens.com/mobility](https://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 2023, which ended on September 30, 2023, Siemens Mobility posted revenue of €10.5 billion and employed around 39,800 people worldwide. Further information is available at: [www.siemens.com/mobility](https://www.siemens.com/mobility)