

## 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 the orders for the Overhead Catenary Rigid Power Supply system and Trainguard MT CBTC signaling systems and full-height platform screen doors**

Siemens Mobility has been appointed by the Singapore Land Transport Authority 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. The contract value of the consortium has a volume of approximately 270 million Euros.

**Michael Peter, CEO of Siemens Mobility:** “We are proud to be chosen by the Singapore Land Transport Authority as its partner for electrifying the Cross Island Line. This underlines our long-term partnership to deliver a comprehensive rail infrastructure system, following the supply of our Trainguard MT Communications-based train control signaling system. Our power supply solution will combine the real and digital worlds to provide reliable, safe, and 100% available electrification on the line while optimizing lifecycle costs.”

### **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 Gas Insulated Switchgear, short GIS, intake transformers)
- 22kV (Medium Voltage System, 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 two other mass transit projects: Circle Line Stage 6 and North-East Line extension.

This press release and a press picture / press pictures/ further material are available at <https://sie.ag/3bPx9L>

### **Contact for journalists**

Moritz Krause

Phone: +49 162 3480575; E-mail: [moritz.krause@siemens.com](mailto:moritz.krause@siemens.com)

For further information about Siemens Mobility, please see:

[www.siemens.com/mobility](http://www.siemens.com/mobility)

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