

# Railway Gazette

INTERNATIONAL



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# Rail in the future transport mix



# INTELLIGENCE Market

## AUSTRALIA

### High Capacity Metro Trains

Testing has started of the High Capacity Metro Trains that Evolution Rail is supplying to operate Melbourne's suburban network.

The Evolution Rail consortium of Plenary, CRRC Changchun Railway Vehicles and Downer Group has a PPP contract to supply 65 electric multiple units for use on the 1 600 mm gauge network from mid-2019. It will maintain them for 30 years at depots to be built in Pakenham East and Calder Park.

The six-car are based on CRRC's Type A design and are being assembled at Downer's Newport facility in Melbourne. They will have capacity



for 1 380 passengers, compared with 900 on the current rolling stock used by operator Metro Trains Melbourne. ■

## ROLLING STOCK

**AZERBAIJAN:** ŽOS Zvolen has completed work on the first two of five ČKD-built CME3 Co-Co diesel-electric locos which are being refurbished for ADY with the complete renewal of all equipment except bodysells to extend their service life by 15 years.

**CANADA:** Montréal metro operator STM has ordered a further 17 nine-car trainsets from a consortium of Bombardier Transportation (€188m) and Alstom (€112m).

**EUROPE:** Leasing company Akiem has placed two firm orders for Bombardier to supply a total of 33 Traxx MS2, AC3 and DC3 locomotives in 2019-21.

EP Cargo has ordered a further three Siemens Vectron MS locomotives equipped for use in the Czech Republic, Germany, Austria, Poland, Hungary, Romania and Slovakia, with an option for seven more. They are to be delivered in spring 2019 and initially used in Poland.

**FRANCE:** On behalf of the Hauts-de-France region, SNCF has awarded Bombardier a €256m firm order to supply 19 Omneo Premium double-deck inter-city EMUs for use on the Paris – Amiens and Paris – Saint Quentin – Maubeuge/Cambrai routes from 2022.

**GERMANY:** On October 19 Hamburger Hochbahn gave notice that it intends to directly award the Alstom-led DT5 Hamburg consortium a contract to supply a further 13 DT5 metro trainsets compatible with the existing DT5 fleet, in a contract which would also have two options each for the supply of a further 16 sets.

**INDONESIA:** CAF subsidiaries are to supply traction and control systems and wheelsets and gears for 31 LRVs that PT Inka is to supply to Jakarta.

**INTERNATIONAL:** RM Rail has won orders to supply Russia's Gazprombank Leasing and VEB-Leasing and Kazakhstan's largest cement manufacturer with more than 1 000 Type 19-1217 cement hopper wagons by September 2019. The teardrop-shaped body offers a capacity of 73 tonnes and volume of 60 m<sup>3</sup>, taking into account the density of bulk cement.

**KAZAKHSTAN:** Hyundai Rotem has signed an 80.8bn won contract to supply 32 metro cars to Almaty in time for the opening of an extension in 2020.

## INFRASTRUCTURE

**CANADA:** The City of Québec and transport authority RTC have awarded Systra Canada a seven-year C\$12.5m contract to undertake engineering design for a proposed 23 km tram line. Norton Rose Fulbright Canada is to provide legal services under a separate five-year contract worth C\$375 000.

**CHILE:** Metro de Santiago has awarded Colas Rail a €20m contract to electrify a southern extension of Line 2.

**CHINA:** Siemens Mobility is to supply its Trainguard MT CBTC signalling for Suzhou metro Line 5 and Nanjing metro Line 7, which are scheduled to open in 2021 (p48).

Vossloh Fastening Systems China has won a €35m order to supply rail fastenings for a section of the future Ganzhou – Shenzhen high speed line.

**CZECH REPUBLIC:** SŽDC has selected a consortium of Skanska, EŽ Praha and AŽD Praha to electrify the 5.6 km Kadaň-Prunéřov – Kadaň line at 25 kV 50 Hz. The KC339m project includes resignalling, modernisation of Kadaň station and construction of a halt at Kadaň-Sídlště. The work is scheduled for completion in January 2021, allowing the launch of direct services from Děčín to Kadaň.

**GERMANY:** DB Netz has awarded a €189m contract for construction work on the second S-Bahn city crossing in München to a consortium of Ed Züblin, Wayss & Freytag Ingenieurbau, Max Bögl Stiftung & Co and Bauer Spezialtiefbau. The Overground West package covers the section from Laim to Donnersberger Brücke.

**MALAYSIA:** A joint venture of Malaysian Resources Corp and George Kent has won an 11.9bn ringgit construction contract for the LRT3 light metro in Kuala Lumpur.

**PERU:** A consortium of Metrotenerife (60%), Trazas Ingeniería (35%) and Green Life SAC (5%) has been awarded a €2m contract to help develop proposals to convert the 41 km Lima – Chosica freight line for mixed traffic operation.

**POLAND:** PKP PLK has selected Frequentis to provide dispatcher terminals and communication nodes as part of the national GSM-R roll-out, including the latest release of the fixed terminal communication system FTS 3020 and the new DICOA S20 touchscreen operator working position.

**SWEDEN:** Trafikverket has selected Portuguese company Efacec and local partner Industrispår to develop and supply a new generation of automatic level crossing protection systems, including control equipment, interfaces, barriers and road signs. The contract is worth €5m/year for an initial five years, and is renewable for up to 30 years.

**TURKEY:** Getzner is supplying 65 000 sleeper pads and 125 000 m<sup>2</sup> of under ballast mats for the 406 km Ankara – Sivas line which is to open in 2020.

**UK:** Network Rail has awarded ESG contracts worth £3.1m to supply overhead electrification monitoring systems for installation on its Mentor monitoring vehicle and a Virgin Trains Pendolino, and to provide 10 years of support.

British Steel has supplied Drax power station with Zinoco corrosion-resistant coated rail for use at a level crossing where significant rail damage had occurred.