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New trains for TILO service, FNM and Stadler sign a Framework Agreement

FNM S.p.A. and Stadler today signed in Milano a framework agreement for the supply of interoperable electric trains, approved for circulation in Italy and Switzerland. At the same time as the signing of the framework agreement two implementation contracts for nine trains were also signed. Total contract value is nearly 115 million euros. Together with the recently signed contract for the supply of 30 FLIRT DMU, the Stadler train fleet in Italy grows to over 200 trains.

FNM S.p.A. and Stadler today signed a Framework Agreement for the supply of interoperable electric trains, approved for circulation in Italy and Switzerland, dedicated to the TILO (Ticino Lombardy) cross-border service. This will boost the service with a timetable change in December 2020. The trains will be leased to Trenord in order to reinforce the TILO service, starting with the timetable change in December 2020. Today's signing follows the awarding to Stadler of the call for tenders announced by FNM last year.

Framework agreement and implementation contracts

The Framework Agreement, which lasts for eight years, envisages a minimum guaranteed quantity of five trains with an option for another four trains. The Framework Agreement also envisages the "full service" of first and second level maintenance. The overall amount of the Framework Agreement is 114,417,200 euros. Two implementation contracts, for five and four trains respectively, were also signed at the same time as the Framework Agreement. The delivery of the first five trains is envisaged by November 2020, the delivery of the remaining four will start from July 2021.

Main specifications

These are bidirectional, six-car fixed composition trains with dual power voltage (3 kV DC for Italy, 15 kV AC for Switzerland) authorised for circulation in the two countries. The trains are 104.9 Meters long, consist of six carriages and offer space for a total of 655 people, 244 of whom seated. They are designed for a maximum speed of 160 km/h and will be compatible with the existing TILO fleet.

Technologies and safety

With regard to technologies and safety, attention is drawn to the following: LED lighting, electrical sockets for recharging electronic devices, passenger information system, energy meter, people counter, remote diagnostics and two toilets. The trains will also be equipped with the most modern and advanced ERTMS/ETCS safety system which, as well as ensuring very high safety standards, will enable the traffic capacity on the railway lines to be increased.

"Today's signing" said FNM's Chairman, Andrea Gibelli "is a further element of a broader plan to renew the fleet of trains launched in 2017. The availability of new trains is an essential aspect in order to offer a service

that more adequately meets the mobility needs of people who live and work in or visit Lombardy or, as in this case, who travel across the border”.

“We are proud,” added Peter Jenelten, Executive Vice President Sales & Marketing at Stadler, “to be able to support FNM in continuously improving the cross border service with easy accessible, comfortable and highly energy efficient trains.”

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About FNM

FNM is the first integrated Group for transport and mobility in Lombardy. It is the most important Italian private investor in the sector. FNM S.p.A. is a joint stock company quoted since 1926. Lombardy Region is the majority shareholder with 57,57% of the shares.

About Stadler

International rail vehicle construction company, Stadler, is headquartered in Bussnang in Eastern Switzerland. Founded in 1942, it has a workforce of over 7,600 based in various production, service and engineering locations across Switzerland, Germany, Spain, Poland, Hungary, the Czech Republic, Belarus and the United States. Service locations are also being operated in countries including Algeria, Denmark, France, Italy, the Netherlands, Norway, Russia, Sweden and the UK. Stadler provides a comprehensive range of products in the heavy and urban transport segments: high-speed trains, intercity trains, regional and commuter heavy rail trains, underground trains, tram trains and trams. Stadler also manufactures main-line locomotives, shunting locomotives and passenger carriages, including the most powerful diesel-electric locomotive in Europe. It is the world's leading manufacturer in the rack-and-pinion rail vehicle industry.

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