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Alstom to supply 12 metro sets for Lines 2, 5 and 9 of the Paris metro

Alstom, working as part of a consortium with Bombardier Transport and AREVA TA, will be supplying STIF¹ (the Ile-de-France Transport Authority) and RATP² (the Paris-based public transport operator) with 12 new MF01³ metro sets for lines 2 (Porte-Dauphine-Nation), 5 (Place d'Italie-Bobigny) and 9 (Pont de Sèvres-Mairie de Montreuil) of the Paris metro network. The project is worth around 75 million Euros. This is an exercise of options on a contract signed in 2001. The order covers the design studies, development and manufacturing of train sets for which deliveries are planned until 2016. This exercising of existing options is part of the RATP's general policy aimed at renewing its metro trains and improving its services.

The next-generation MF01 metro is a major step forward in terms of quality, providing improved levels of passenger safety and comfort. CCTV (closed-circuit television) is available from the driver's cab and the passengers benefit from air conditioning thanks to a chilled ventilation installation.

The MF01 is fully accessible to all thanks to its wide corridors and circulation spaces, making passenger movement more fluid and reducing the time spent in each station. Large windows and lively interior colour schemes improve luminosity and give a sense of space. Reduced noise levels and vibrations within each car have been achieved through the use of ONIX⁴ drive systems, improving acoustic comfort.

The MF01 consumes 30% less energy than a traditional train thanks to improvements in the efficiency of the drive train and highly effective energy recovery systems linked to the train's electric brakes.

Alstom has overall responsibility for the project and for the completion of the series working from its Metro Centre of Excellence in Valenciennes-Petite Forêt. Alstom provides the various components and sub-assemblies making up the Energy Production System, the Drive & Braking Systems and the Passenger Information Systems, respectively manufactured in Alstom's plants in Montreal (Canada), Tarbes, Ornans and Villeurbanne. The company is also responsible for integrating these elements, as well as those supplied by other members of the consortium and their suppliers, on its Valenciennes site. Finally,

¹ Syndicat des Transports d'Ile-de-France

² Régie Autonome des Transports Parisiens

³ Next-generation of Iron-wheeled metros – ordered by RATP in 2001

⁴ From a standard (750V) supply voltage, the system employs a coherent, set of integrated components

Alstom is responsible for fitting out the cars, assembling the train sets and carrying out trials prior to delivery to the RATP.

About Alstom

Alstom is a global leader in the world of power generation, power transmission and rail infrastructure and sets the benchmark for innovative and environmentally friendly technologies. Alstom builds the fastest train and the highest capacity automated metro in the world, provides turnkey integrated power plant solutions and associated services for a wide variety of energy sources, including hydro, nuclear, gas, coal and wind, and it offers a wide range of solutions for power transmission, with a focus on smart grids. The Group employs 93,000 people in around 100 countries. It had sales of over €20 billion and booked €21.5 billion in orders in 2013/14.

About Alstom Transport

A promoter of sustainable mobility, Alstom Transport develops and markets the most complete range of systems, equipment and services in the railway sector. Alstom Transport manages entire transport systems, including rolling stock, signalling, maintenance and modernisation, infrastructure and offers integrated solutions. Alstom Transport recorded sales of €5.9 billion in the fiscal year 2013/14. Alstom Transport is present in over 60 countries and employs around 28,300 people.

Press contacts

Virginie Hourdin / Claire Biau (Alstom Group) - Tel. +33 1 41 49 21 36 / 39 95

virginie.hourdin-bremond@chq.alstom.com ; claire.biau@alstom.com

Linda Huguet / Justine Rohée (Alstom Transport) - Tel. + 33 1 57 06 10 42 / 18 81

linda.huguet@transport.alstom.com, justine.rohee@transport.alstom.com

Investor relations

Delphine Brault / Anouch Mkhitarian - Tel. +33 1 41 49 26 42/25 13

delphine.brault@chq.alstom.com, anouch.mkhitarian@chq.alstom.com

Website www.alstom.com