



The RATP orders an additional batch of 49 MF2000 metro trainsets for 189 million euros

Paris, 20 November 2007 - The Régie Autonome des Transports Parisiens (RATP) has ordered an additional batch of 49 MF2000 metro trainsets from Alstom Transport, Bombardier Transportation and AREVA TA. The value of this order is 189 million euros: 116 million euros for project leader Alstom Transport, 63 million euros for Bombardier Transportation and 10 million euros for AREVA TA.

This is the second phase of an umbrella order for 161 MF2000 metro trainsets signed between the RATP and the consortium in July 2001. The first block of 45 metro trainsets, for line 2 of the Paris metro, was optioned in January 2006. It will be delivered between 2008 and 2010. These 49 trainsets are intended for line 5. Delivery will be staggered between 2010 and 2012.

Since January 2007, the pre-production trainset has been in commercial service on line 2. Its operation has allowed the RATP to verify dynamic performance and the reliability of the equipment.

The construction of the MF2000 is part of a policy to renew the RATP's rolling stock. The MF2000 will progressively replace MF67 equipment, which went into service between 1967 and 1978 (40% of the current fleet of the RATP), and will operate on lines 2 (Porte Dauphine-Nation), 5 (Place d'Italie-Bobigny) and 9 (Pont de Sèvres-Mairie de Montreuil) of the Parisian network.

The MF2000 consumes 30% less energy than a traditional metro through performance improvements in the traction system and energy-regenerative electric brakes. Its dynamic performance reduces travel time and increases frequency of operation. An on-board video protection device allows the driver to immediately detect the slightest problem using cameras located in the passenger cars so that an emergency team can intervene if necessary. The on-board security computer system, developed by AREVA TA, meets the highest standards in the field (SIL 4).

Project management: distribution of tasks

- **Alstom Transport** will provide the overall project management for producing the trains, through its Centre of Excellence for metros in Valenciennes-Petite Forêt. It will supply the different components and sub-assemblies for energy production, traction-braking systems and comfort IT systems, manufactured in its plants in Ornans, Tarbes and Villeurbanne respectively. It will integrate these components into the train at its Valenciennes site, along with components that its partners and their suppliers deliver. Finally it will equip the cars, assemble the train and conduct testing before delivery to the RATP.
- **BOMBARDIER TRANSPORTATION FRANCE**, located in Crespin in the Valenciennois region, will supply driver cabs, bogies and painted car bodies.

- **AREVA TA** will supply the IT security system, the operating parameter recorders and the truck/train data transmission systems and will take part in acoustic and vibration studies.

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