

A contract worth around €1.8 billion in Canada for rolling stock, signalling, operations and maintenance

Alstom-led consortium to provide complete driverless light metro system for Montreal

12 April 2018 – Groupe des Partenaires pour la Mobilité des Montréalais (PMM), the Alstom-led consortium with SNC-Lavalin, has signed a contract with CDPQ Infra to deliver a complete automatic and driverless light metro system, including rolling stock and signalling, as well as operation and maintenance services, for the Réseau express métropolitain (REM) project in Montreal, Canada. The total contract is worth approximately €1.8 billion (CA\$2.8 billion): Alstom's share is estimated at €1.4 billion (CA\$2.2 billion) and SNC-Lavalin's share is estimated at €400 million (CA\$600 million).

Upon completion, REM will be one of the world's largest automated transport networks - 67 km long with 26 stations - connecting downtown Montreal to the South Shore, the North Shore, the West Island and Pierre Elliott Trudeau International Airport. Under the terms of the contract, Groupe PMM will supply 212 Alstom Metropolis metro cars (106 two-car trainsets), Alstom's Urbalis 400 driverless and automated communications-based train control (CBTC) and Iconis control centre solutions, as well as platform screen doors, Wi-Fi connectivity, and 30 years of operations and maintenance services. Groupe PMM is also responsible for train and system integration tests and depot equipment supply for train maintenance. The start of commercial service on the first segment of REM is expected in summer of 2021.

Groupe PMM's partners will leverage their long established local Canadian expertise and international experiences in Vancouver, Ottawa, Singapore, Panama, Dubai, and Riyadh to deliver the REM project. During the construction and the 30-year operations and maintenance period, Groupe PMM will create permanent, high quality, new and technology jobs locally, notably in the areas of automated system experts, rolling stock mechanics, control centre regulators, maintenance operators and control system specialists. Groupe PMM will also create jobs for local suppliers that will contribute to the project not only during construction period but also during the 30 years of operations and maintenance. Of the overall economic activity generated by Groupe PMM, 67% of the investments will be in Quebec.

Furthermore, the REM project will lead to the creation of an Alstom global centre of excellence in Montreal for the research and development of integrated systems of control in urban mobility. This centre will bring together approximately 100 professionals who will be tasked to leverage Montreal's expertise in advanced

digital technologies and artificial intelligence to develop solutions that will be used in Alstom projects worldwide.

“We are honoured that CDPQ Infra has chosen Groupe PMM for this major public transit infrastructure project that will not only positively impact mobility in the Greater Montreal area, but will also create 250 direct, long-term jobs in Quebec, with peak local employment reaching 350 jobs”, said Jérôme Wallut, Senior Vice-President of Alstom in North America. *“Piloting the project from Montreal, our team understands first-hand the city’s transportation needs and is eager to introduce our latest generation of proven train and signalling solutions that maximize system reliability, performance and capacity, as well as passenger experience.”*

“To be selected to work on a project of this magnitude is a testament to the excellence of our Infrastructure sector, more specifically, our global Rail and Transit expertise and our extensive experience in operations and maintenance, said Neil Bruce, President and Chief Executive Officer, SNC-Lavalin Group Inc. *In fact, one of the economic and community benefits of this project will be the creation of operations and maintenance jobs in and around the greater Montreal area.”*

Present in Canada and headquartered in Montreal, Quebec, Alstom is committed to delivering a wide range of smart mobility solutions to Canada, from Citadis Spirit light rail vehicles for Toronto and Ottawa to Azur metro cars to the Société de transport de Montréal (STM)¹, Coradia Lint regional trains for Ottawa to long-term vehicle maintenance and transit infrastructure solutions. Alstom’s signalling expertise is behind new control centres for the STM and GO Transit, a new signalling system for Union Station Rail Corridor in Toronto, an Urbalis CBTC solution for Toronto Transit Commission’s Line 1 Yonge-University and a greenfield extension area, and a complete signalling solution for Waterloo’s light rail transit.

Alstom currently employs more than 400 people across Canada. This presence will be reinforced and sustained by the execution of the REM project. Alstom has operations in Montreal, Quebec, and Toronto and Ottawa, Ontario, as well as on its industrial site in Sorel-Tracy, Quebec. Alstom’s site in Sorel-Tracy, whose workload will be ensured for at least the next two years, is dedicated to the production of bogies for projects both national and international, such as the Montreal metro, light rail vehicles for Ontario, and recently added projects for Chile and the United States.

¹ – in consortium with Bombardier Transportation

About Alstom

As a promoter of sustainable mobility, Alstom develops and markets systems, equipment and services for the transport sector. Alstom offers a complete range of solutions (from high-speed trains to metros, tramways and e-buses), passenger solutions, customised services (maintenance, modernisation), infrastructure, signalling and digital mobility solutions. Alstom is a world leader in integrated transport systems. The company recorded sales of €7.3 billion and booked €10.0 billion of orders in the

2016/17 fiscal year. Headquartered in France, Alstom is present in over 60 countries and employs 32,800 people.

www.alstom.com

About SNC-Lavalin

Founded in 1911, SNC-Lavalin is a global fully integrated professional services and project management company and a major player in the ownership of infrastructure. From offices around the world, SNC-Lavalin's employees are proud to build what matters. Our teams provide comprehensive end-to-end project solutions – including capital investment, consulting, design, engineering, construction, sustaining capital and operations and maintenance – to clients in oil and gas, mining and metallurgy, infrastructure and power. On July 3, 2017, SNC-Lavalin acquired Atkins, one of the world's most respected design, engineering and project management consultancies. www.snclavalin.com

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