

ENERGERE WINS MAJOR CITY OF MONTREAL SMART PUBLIC LIGHTING CONTROL PROJECT

Montreal, August 24, 2016 – Energere is proud to announce that it has won a major contract for the implementation of a smart public lighting management system for the City of Montreal. This \$28M project will harness innovative technologies in the development of a smart and sustainable city, in harmony with the City's vision. The project will create an infrastructure capable of controlling 135,000 luminaires.

By integrating this project into its sustainable development objectives, the City lays the foundation of a communication network architecture enabling the gradual integration of additional smart services for the benefit of its citizens. The system will consist of radio modules called "nodes" attached to each luminaire, which will communicate with each other to form a network. Commands and data will be conveyed to the same network and transmitted to lighting management software through boxes called "gateways" located throughout the City region.

"Through such a system, the public will enjoy an improved lighting service that is safe and suited to the lifestyle of a large metropolitan city," said Benoit Trottier, Project Director at Energere. "In fact, this smart management system will enable immediate intervention in case of luminaire breakage or malfunction, and by extension, better maintenance planning", he continued. Not only will inventories be managed more effectively, but the luminaires' power consumption will be precisely monitored and the energy bill adjusted accordingly. These substantial advantages will allow the City to achieve significant energy savings, as well as optimize the management of the public lighting network. The latter will benefit from a scalable platform offering various functions, including the ability to adjust the lighting for special events or to announce certain services, such as snow removal.

Within a very competitive pool of bidders, Energere, a Quebec company leading in the field of energy services, was awarded this ambitious project. "We are very proud to have been able to participate in this rigorous bidding process for the City of Montreal", stated Catherine Roy-Cardin, Business Development Manager at Energere. "All our efforts were united in order to obtain maximum points in each step of the process; we put together a high-quality technical proposal, presented a test bed to demonstrate the integration and interoperability of the systems and developed the best financial offer," she explained.

In addition to requiring a single, scalable platform, the City raised the system's technical and functional requirements by calling for the integration and implementation of three different smart control products. As a technology integrator, Energere's strategy was based on the integration of three industry-leading suppliers: DimOnOff, Current, powered by GE, as well as Telematics Wireless. DimOnOff, a Quebec-owned company, specializing in lighting control systems, was selected for the integration platform and management software, as well as for the supply of 20% of the nodes and gateways. Current, powered by GE, with its smart services

development centre located in Montreal, is an acknowledged leader in the field of lighting and will supply a total of 60% of the equipment. Finally, Telematics Wireless, a global leader in wireless network systems, will supply 20% of the nodes and gateways. It is also worth mentioning the significant involvement of Zone TI, which will handle the infrastructure and security of the IT park. The project will be completed over two years, and Energere is offering a ten year warranty and service agreement.

By undertaking this project, the City acquires a scalable and innovative platform, capable of adapting to new technologies and future applications. The City of Montreal once again demonstrates its commitment to promote sustainable development and takes a big step forward towards the digital revolution.



Energere's team from left to right:

Benoit Trottier, Project Director - Catherine Roy-Cardin, Business Development Manager - François Shink, Construction Director - Frédéric Gaulin, President - François Dussault, Vice-President, Corporate Affairs and Operations - Elie Karmouche, Automation Director.

About Energere

Energere is a leading energy services company working across Quebec for almost 20 years. As an engineering and integrated construction company, Energere implements turnkey energy efficiency projects in both public and private sectors. In the municipal sector, Energere offers complete solutions allowing the use of innovative technologies within a fully integrated and competitive context, oriented towards the development of smart and sustainable cities. Supported by Fondation CSN, Energere is able to provide municipalities with many financial options.

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