



# Hurontario Light Rail Transit – O&M Procurement Technical Advisory

<p><b>Project</b> O&amp;M Technical Advisory Services</p>
<p><b>Client</b> Hurontario Light Rail Transit (Hurontario LRT)</p>
<p><b>Location</b> Toronto, Canada</p>
<p><b>Dates &amp; Duration</b> 2017 – 2018 (8 months)</p>
<p><b>Services Provided</b></p> <ul style="list-style-type: none"> <li>▶ Technical Advisory; and</li> <li>▶ Technical Writing Services.</li> </ul>

## Background

Network Rail Consulting (NRC) provided Operations & Maintenance Technical Advisory & Technical Writing Services during the procurement phase to support Acciona, Cintra and RATP Dev members of the consortium Hurontario Light Rail Connection Partners (HLCP).

HLCP were submitting a proposal to design, build, finance, operate and maintain the Hurontario Light Rail Transit project for to Infrastructure Ontario (IO) and Metrolinx.

The Hurontario LRT project includes:

- ▶ Approximately 20 kilometres of new dedicated rapid transit between Port Credit GO Station in Mississauga to the Gateway Terminal at Steeles Avenue in Brampton;
- ▶ 22 stops with connections to GO Transit's Milton and Lakeshore West rail lines, Mississauga MiWay, Brampton Transit, Brampton Züm and the Mississauga Transitway; and
- ▶ A maintenance and storage facility for the light rail vehicles at Highway 407.

Network Rail Consulting provided an Operations and Maintenance Technical Working Group for the duration of the procurement process.

## Scope of Works

### Pre-Submission Support of RFP Response

- ▶ Assist in the preparation and review of the technical submission;
- ▶ Review of system designs to determine operational effectiveness and efficiency, and assess the most cost-effective methods of operations and maintenance over the life of the project;
- ▶ Advise on all operations and maintenance deliverable components ensure that decisions were a made to support an optimized O&M strategy;
- ▶ Assist with the development of a risk profile and migration strategy;

- ▶ Respond to questions and advise on technical and operational aspects of the Consortium Interface and Project Agreements;
- ▶ The writing or rewriting of any element of the proposal as determined by Acciona or Cintra;
- ▶ Review all technical information and develop into a technical response; and
- ▶ Advise on the solution of the FM Facilities Maintenance.

**Key Project Outputs**

Development of technical paper and presentations for client to delivery to Metrolinx and IO:

- ▶ Write sections of the technical response;
- ▶ Arranged and lead workshops to generate innovative O&M solutions for the proposal, acting as technical advisor to client; and
- ▶ Advised on optimization of resources to ensure a competitive bid price.