



## **SYSTEMS ENGINEERING INTELLIGENT TRANSPORTATION SYSTEMS (ITS)**

CYSCA TECHNOLOGIES offers software and product development expertise to a range of high-technology companies. By being part of the CYSCA team, you can tackle interesting challenges for various projects in different industries. Our experienced software developers are passionate, talented, resourceful, open to new ideas, and shine at turning difficult projects into successes. We offer competitive compensation and benefits, we value a flexible balance between work and family priorities, and we promote an open attitude where ideas and discussions are always welcome.

Mass-transit projects in the fields of intelligent transportation systems installed onboard mass-transit vehicles. This position is especially focused on support to the sales and bidding department in order to help assess the technological feasibility and costs of specific requirements and features.

### **Responsibilities:**

- Analysis of requirements pertaining to electronic systems as part of mass-transit vehicle acquisition projects.
- Preliminary design and architecture of intelligent transportation systems (ITS) in response to customer requirements.
- Support engineers and managers in preparing proposals for bidding on public RFPs.
- Identify promising new technologies and ideas, in internal engineering departments as well as external suppliers, to fulfill tough requirements in a cost-effective and innovative way.

### **Requirements:**

- Bachelor's degree in electrical or mechanical engineering, or equivalent **experience**;
- **6 years experience in design or support of mass-transit vehicles, for ITS systems or electrical, mechanical and production aspects.**
- Knowledge of network communication applications to automotive, trucking or mass-transit design.
- Excellent communications and interpersonal skills.
- Available to work in the downtown area of Montreal.

**Additional desirable qualifications:**

- Experience in public proposals and bids;
- Experience in understanding and formalizing requirements;
- Bilingualism (French and English);
- Member of the Quebec Order of Engineers (desirable).

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