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Deputy Director, Technical

If you are committed to public service, enjoy collaborating with others, share our values and have a desire to learn and grow, join [The City of Calgary](#). City employees deliver the services, run the programs and operate the facilities which make a difference in our community. We support work-life balance, promote physical and psychological safety, and offer competitive wages, pensions, and [benefits](#). Together we make Calgary a great place to make a living, a great place to make a life.

The City is committed to fostering a respectful, inclusive and equitable workplace which is representative of the community we serve. We welcome those who have demonstrated a commitment to upholding the values of equity, diversity, inclusion, anti-racism and reconciliation. Applications are encouraged from members of groups that are historically disadvantaged and underrepresented. Accommodations are available during the hiring process, upon request.

The Project:

The Green Line Phase 1 program is approximately 18 km of the planned 46 km of light rail transit (LRT) network with a capital cost of \$4.9B connecting the north and south of Calgary through downtown. Phase 1 includes at-grade, elevated, and underground urban LRT systems, tracks, and stations through several bridges and three river crossings.

The Position:

Reporting to the Technical Director, the Deputy Technical Director will act on behalf of the Technical Director, and will be responsible for leading the Green Line's technical aspects of design integration, light rail interface, third party utilities, permits, licenses, approvals and agreements, property acquisition, and testing and commissioning teams.

The Deputy Technical Director will work closely with the Construction, Commercial, Stakeholder Relations, and Business Services counterparts within Green Line to successfully deliver the program. The Deputy Technical Director will be the primary contact for the Green Line technical team and is an interface and liaison with the Delivery Partner and Development Partner throughout the Development Phase, and eventually with the Project Co.

A brief overview of the Deputy Director, Technical responsibilities include:

- Support leading the Green Line's technical teams in the:
 - Pre-procurement stage: managing multi-disciplinary Owner's Engineers services;
 - In-market stage: request for information (RFI) process, review of technical proposals, and constructability analysis;
 - Development Stage: liaise and collaborate with, mutual interest, the Development Partner during the design development process;
 - Implementation stage: manage the technical team and review of the design and technical submissions by Project Co and administration of review of the same packages by other project stakeholders, nonconformance report (NCR) process, and design change process;
 - Commissioning stage: commissioning and close-out.
- Manage various stakeholders' technical input throughout the design development phase, in the context of overall project requirements and deliverables.
- Provide periodic feedback to the Technical Director from a technical, construction, and risk standpoint.
- Ensure compliance with all technical, commercial, legal, and financial requirements.
- Actively participate in the program risk management from a design/technical standpoint.
- Support managing the overall budget, changes, claims, disputes, and risks.
- Support the preparation of presentations to the project's leadership team.
- Monitor and manage Key Performance Indicators (KPIs) of the Technical Team and Development Partner.
- Provide professional guidance to other project team members as required.
- Any other duties as assigned by the Technical Director.

Union: Exempt Engineer
Position Type: 1 Permanent
Compensation: Salary commensurate with experience
Hours of work: Standard 35 hour work week
Audience: Internal/External

Business Unit: Green Line
Location: 615 Macleod Trail S.E.
Days of Work: This position works a 5 day work week earning 1 day off in a 3 week cycle.
Apply By: August 11, 2022
Job ID #: 306051

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Qualifications

- A degree in Civil Engineering or a related engineering field, registration as a Professional Engineer in Canada, and current licensure as a Professional Engineer with the Association of Professional Engineers and Geoscientists of Alberta (APEGA) or licensure by the first day of work.
- At least 15 years of experience in design or a similar technical capacity in large infrastructure projects, including a minimum of 5 years of experience in LRT, bridgework, and/or tunneling.
- At least 5 years of experience in a technical leadership role leading a multidisciplinary team in large and complex infrastructure projects.
- Experience working on alternate delivery projects.
- Experience managing stakeholders from a technical standpoint throughout the design phase of the project.
- Pre-procurement, in-market, development, and implementation phase experience in a technical leadership role.
- In-depth knowledge of technical requirements related to LRT design, bridgework, deep excavation, and tunneling.
- The ability to work in a fast-paced environment, with competing priorities with a reasonable and balanced problem-solving approach.

Pre-employment Requirements

- Successful applicants must provide proof of qualifications.

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