



169645 - Building Mechanical Engineer - Department of Transportation and Infrastructure - Temporary

Government of PEI

📍 11 Kent Street, Charlottetown, Prince Edward Island

👤 1 Position available

📅 Published on: September 2, 2025

📅 Expires on: September 17, 2025

JOB DESCRIPTION

The Department of [Transportation and Infrastructure](#) is committed to Equity, Diversity, Inclusion and Accessibility. Our goal is to build a public sector workforce that reflects the diverse communities we serve and to promote welcoming, diverse, inclusive, respectful workplaces that are accessible to all. We welcome all interested individuals including Indigenous People, persons with disabilities, Black, racialized, ethnic and culturally diverse groups, as well as people regardless of their sexual orientation, gender identities, and gender expressions. Those looking for more information are invited to visit our [Equity, Diversity, and Inclusion Policy](#).

The Building Mechanical Engineer works with a high degree of independence in the provision of professional services related to the planning and design of building construction, renovation or repair projects in Department buildings as well as buildings operated by Client Boards and Agencies. The Building Mechanical Engineer represents the Department, as Project Leader, at meetings with client departments or agency user groups, public interest groups, consultants and contractors associated with building projects. With Mechanical Engineer training and experience this position has specific knowledge in the design and operation of complex Mechanical building systems which lends this position to providing strategic advise and direction to department colleagues, client Departments and consultants.

The Building Mechanical Engineer is responsible during the construction phase of a project to resolve/mediate technical and contract issues. The Building Mechanical Engineer monitors and evaluates the work, directs change/modification as warranted. The resolution must be both technically correct and fairly respect the contractual obligations of both Contractor and the Department.

Duties will include but are not limited to:

- Provide professional services in the planning, design, and construction of new buildings, as well as renovation and repair of existing facilities, especially for projects whose primary purpose is of a mechanical system nature.
- Participate in site selection and procurement processes for new projects.
- Lead planning and concept development prior to design team engagement, including preliminary budget preparation.
- Participate in space program planning to ensure functional and efficient use of space as it relates to mechanical system requirement needs.
- Participate in overall reviews of department projects' mechanical document package reviews and provide feedback to DTI project managers and/or client user groups.
- Participate in an advisory role in mechanical design, energy efficiency, energy modelling and commissioning aspects of department building projects.
- Manage the procurement and hiring of design teams, Construction Managers, Commissioning Agents,



Job type

2 years Temporary / Full-time



Work shifts:

Day



Work schedule:

37.5 hrs/week



Work location

On site



Salary:

\$79,326.00 - \$99,236.00 CAD

Yearly



Unionized:

Yes

Additional information

Job Opening ID:

- 1669645

Department:

- Transportation and Infrastructure

Location:

- Charlottetown

Pay Level:

- 20

Hourly Salary Range:

- \$40.68 - \$50.89

Employment Type:

- Temporary

Employment Percentage:

- 100%

Closing Date:

- September 17, 2025 4:00pm

and other specialty consultants, including RFP development, tendering, evaluation, and award processes.

- Monitor project design progress, ensuring alignment with cost, schedule, and scope; identify and implement changes as needed.
- Prepare Treasury Board and Executive Council memorandums to support project approvals.
- Design facility repairs and upgrades as required.
- Represent the Department in resolving or mediating technical and contractual disputes during construction phases.
- Provide project leadership by engaging with client departments and user groups to define project requirements and develop viable solutions.
- Offer strategic recommendations on project design, scheduling, and budget control.
- Attend public meetings as the Department's representative for planning and design discussions.
- Review and evaluate consultant design work to ensure compliance with project goals, energy efficiency, and cost-effectiveness.
- Direct and guide consultants on required design changes and tender documentation.
- Inspect existing buildings and prepare condition reports with recommendations for upgrades.
- Prepare detailed cost estimates using elemental quantity calculations and historical unit cost data.
- Represent the Department and client groups at public meetings, including those required for regulatory approvals.
- Analyze project data and develop presentation materials to support departmental objectives.
- Perform other related duties as assigned.

Minimum Qualifications:

- Must have a Bachelor of Science Degree in Mechanical Engineering.
- Must hold, or be willing to obtain, a professional designation membership in the Association of Professional Engineers of PEI.
- Extensive experience with planning and design associated with construction, renovation and repair of commercial and institutional buildings.
- Extensive experience related to project implementation and administration of contracts associated with commercial and institutional building construction.
- Considerable experience as a project leader for planning and design of commercial and institutional building projects.
- Experience with leading and implementing installations of large commercial and institutional heating, plumbing, fire protection and ventilation systems.
- Considerable experience with energy modeling (energy modeling software).
- Experience preparing and facilitating presentations to committees and client groups.
- Strong interpersonal and leadership skills.
- Strong analytical and communication skills.
- Extensive experience using word processing, data base and spreadsheet software is required.
- Knowledge about the use of computer assisted drafting (CAD) software would be an asset.
- Applicants must have a valid Prince Edward Island driver's license and access to reliable transportation.
- Must have or be willing to obtain First Aid, CPR and WHMIS training.
- Occupational Health and Safety training would be considered an asset.
- The successful incumbent must provide an acceptable Criminal Records Check, prior to employment.
- The successful incumbent must provide a current hearing test, prior to employment.

This competition may be used to fill future job vacancies.

Please Note: Please ensure the application clearly demonstrates how you meet the noted qualifications as applicants will be screened based on the information provided. We would like to thank all applicants for their interest; however, only those who are selected for an interview will be contacted.

Where possible, submitting an electronic resume or job application is preferred. Otherwise, please return forms to PEI Public Service Commission, P.O. Box 2000, Charlottetown, Prince Edward Island, C1A 7N8. Applications may be sent by fax to (902) 368-4383. IT IS THE RESPONSIBILITY OF THE APPLICANT TO CONFIRM RECEIPT OF THE APPLICATION, BY TELEPHONE OR IN PERSON PRIOR TO THE CLOSING DATE. Please ensure that the appropriate Posting ID number is stated on all application forms. You can apply online or obtain an application form by visiting our web site at www.jobspei.ca. Forms may also be obtained by contacting any PEI Government office, ACCESS PEI Centre, Regional Services Centre, or by telephone (902) 368-4080.

Open To:

- Public

Union:

- UPSE Civil

Required documents

- ✓ Resume

Optional documents

- ✓ Cover Letter

Work Permit - If you are not a Canadian citizen or permanent resident, please upload a copy of your valid work permit confirming your authorization to work in Canada.

- ✓ Professional order membership

- ✓ Other

International Education - If you earned your credentials outside of Canada, please upload any International Education Credential Recognition documents you have

- ✓ Certifications - If you hold any of the required or preferred certifications mentioned in the job posting, please upload them here

No. 6 on Forbes' list of Canada's Best Employers 2024

The Public Service is inspired to make a positive impact and proud to shape the future of our Island Community.

BENEFITS



3 weeks paid vacation
annually



Health and dental benefits
after 6 months



Employee assistance
program