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Junior Civil/Geotechnical Engineer

Exciting and Unique Opportunity

It is remarkable what **Fundy Engineering Employee's** have achieved over the last 30 plus years, **JOIN US!** and help us build the next 30 years.

Established over thirty years ago and now many thousands of projects later, our engineering expertise and experience continues to grow. We are providing excellence with the multi-disciplinary engineering and business support work we do for our clients we serve, throughout Atlantic Canada, as well as other Canadian and International communities.

As part of our ongoing growth and success we are pleased to be advertising for a key and critical position of JUNIOR CIVIL/GEOTECHNICAL ENGINEER within our Civil/Geotechnical Engineering department.

Your Opportunity

The role of a junior civil engineer includes working and as a team member with intermediate and senior engineers as part of project teams of all sizes. This role offers a blend of in-office and field work, providing a comprehensive experience in both environments. The successful candidate will maintain a balance of in-office and field work. You will assist in evaluating, selecting, specifying, and engineering systems or products for a project. You will perform a variety of tasks which may include calculations, field work, coordination of tasks, and meeting attendance and recording.

Your Key Responsibilities

- Perform engineering design which may include engineering drawings, design calculations, engineering reports, design criteria.
- Civil design and inspection, reviewing civil design packages, co-ordination with clients, preparing cost proposals
- To assist in fieldwork which may include testing, estimating, and inspection.
- Assist in geotechnical analyses for projects and develop technical expertise including but not limited to soil mechanics, foundation design, retaining walls, storm water management, soil bearing capacity, settlement calculations, slope stability analyses, conduct geotechnical assessments.
- To prepare technical reports, including design, calculations, lab reports, field work report, borehole/test pit logs, specifications and project cost estimation.
- Assist in the preparation of engineering project documents, client presentations, client contact and communication pertaining to specific project deliverables.
- Assist in project designs through CAD sketches, electronic models, diagrams.
- Assist in the review of shop drawings and submittals, responds to request for information, prepares site observation reports, and performs other contract administration tasks.
- Participate in value engineering and basic cost estimating.

Your Capabilities and Credentials

- General understanding of concepts of relevant areas of civil engineering design, geotechnical, survey, storm water/drainage design, road design, erosion and sediment control, and grading.
- Understanding of all phases of engineering document production and the relationship between drawings and specifications.
- Working knowledge of codes, legal and design requirements in relevant jurisdictions and developing jurisdictional experience and contacts.

- Ability to solve problems using sound professional judgment, creativity and innovation.
- Ability to participate and collaborate in project team setting and to engage in creative and critical thought.
- Ability to interpret sketches, drawings and other similar material.
- Proficiency in Microsoft Office, as well as relevant discipline software programs.
- Knowledge and skill with AutoCAD, Civil3D (or other modeling software) is considered an asset.
- Take initiative on tasks and in coordinating with other members of the design team.
- Excellent written and verbal communication skills; ability to work efficiently and effectively within a team.

Education and Experience

- Bachelor's degree or equivalent in Civil Engineering. Working toward licensure as a Professional Engineer.
- Experience is an asset