

Vacancy

## GEOTECHNICAL ENGINEER

Rail Baltica is the largest Baltic transport infrastructure project that will create the North – East economic corridor. It will be an electrified, high speed railway line with modern infrastructure for passenger and freight services, ensuring environmentally friendly and fast transportation from Tallinn to the Lithuanian-Polish border. Rail Baltica will connect the Baltic States with Central and Western Europe. The project is largely co-financed by the European Union. It has to be well-governed, with clear financial flows and procurement systems.

The three Baltic States' joint venture - RB Rail AS, was established in October 2014 and is registered in Latvia. The joint venture's shares are equally held by SIA Eiropas dzelzceļa līnijas in Latvia, UAB Rail Baltica statyba in Lithuania and OU Rail Baltic Estonia in Estonia. RB Rail AS main business is the design, construction and marketing of the railway. It acts as a main coordinator of the project.

Developing the Rail Baltica project, the joint venture team is looking for a Geotechnical Engineer.

### JOB PURPOSE

The primary responsibilities of the Geotechnical Engineer will be to serve in a technical role including the planning, analysis, design, and detailing of geotechnically challenging locations along the Rail Baltica railway corridor. Geotechnical Engineer shall ensure that Rail Baltica project implements the most reasonable and cost-effective technical solutions from lifecycle perspective.

### REQUIREMENTS

- Master's degree or equivalent in Geotechnical Engineering, Civil Engineering or Transportation Engineering.
- 2+ years' experience as a Geotechnical Engineering (designing, stability and settlement calculations) according to Eurocode 7 or 2+ years' experience as a Civil Engineer (Construction or Supervision) in Geotechnically difficult projects.
- Proficient in the MS Office Suite with strong working knowledge of Microsoft Project.
- Solid verbal and written presentation skills.
- Outstanding organizational abilities and technical mindset.
- Fluent in English and good command of technical terms.
- High ethical standards, honesty, and impeccable reputation.
- Resilient to coping with conflicting demands, able to prioritize duties and work under pressure.
- Strives for continuous improvement and precision in every detail.
- Leadership and communication skills, ability to work with diverse teams.

### RESPONSIBILITIES

- Geotechnical analysis and design review for all aspects related with Rail Baltica railway project - embankments, stabilized earthworks, structures, retaining walls, etc.
- Develop and review specifications associated with geotechnical engineering, cost estimates, oversee geometric layouts, check the design calculations, oversee the quality of deliverables, and develop scopes of work and engineering fee estimates.
- In accordance with the employer's request and within the scope of the work responsibilities, to participate in the preparation of technical specifications and participate at the RB Rail AS public procurement committees.
- To develop a state-of-the-art railway monitoring system for embankments in geotechnically difficult locations and evaluate proposed structures from maintenance and lifecycle cost perspective.
- To develop Rail Baltica asset management system in cooperation with BIM manager.
- To work out construction and maintenance requirements.
- To prepare a list of supporting studies and budget, prepare technical specifications for public procurements and manage contract implementation.
- Review assigned work and/or check design calculations estimates and specifications provided by geotechnical engineers.
- Close cooperation with the national Implementing Bodies and other stakeholders.
- To ensure general supervision (geotechnical engineering) for Rail Baltica railway project during construction works.
- To provide general consultations for RB Rail AS project managers during design and construction period.

If you feel that your experience and personality match the position and you are willing to be a part of the challenging and unique project, please, send your CV and motivation letter with the subject "Geotechnical Engineer" to RB Rail AS: [job@railbaltica.org](mailto:job@railbaltica.org) by 3 December.



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