

## 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 must be well-governed, with clear financial flows and procurement systems. RB Rail AS is looking for a new enthusiastic colleague to join our growing team in a position of **GEOTECHNICAL ENGINEER**.

Our ambition is to plan, monitor and control the delivery the new best-in-class, innovative, environmentally friendly railway infrastructure with cost competitive technical solution in the region to improve the long-term well-being of the society of the Baltic States and European community. We plan, develop and manage all technical aspects of entire Rail Baltica project to achieve cross-border interoperability. RB Rail AS is the three Baltic States' joint venture, it was established in October 2014 and is registered in Latvia. Main business of the joint venture is the design, construction and marketing of the railway. RB Rail acts as a main coordinator of the project.

### 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.

### QUALIFICATION

- Master's degree or equivalent in Geotechnical Engineering, Civil Engineering or Transportation Engineering.
- 5+ years' experience as a Geotechnical Engineering (designing, stability and settlement calculations) according to Eurocode 7 or 5+ 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.
- Strive for continuous improvement and precision in every detail.
- Leadership and communication

### 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.

### OFFICE LOCATION

Any RB RAIL AS Branch office as per preferences (Riga, Vilnius or Tallinn).

### APPLICATION PROCESS

If You are willing to be a part of the challenging and unique project, and Your experience and personality match the position's requirements, please, send Your CV and motivation letter in English with the subject "GEOTECHNICAL ENGINEER" to RB Rail AS recruitment partners SIA "Recruitment Latvia": [rbrail@cvor.lv](mailto:rbrail@cvor.lv) by 25th October 2020.

By submitting this application (CV, motivation letter, etc) the applicant provides the authorisation for the processing of personal data by RB Rail AS ("Controller") and SIA "Recruitment Latvia", Reg. No 40003955719, as its respective recruitment partners. The personal data indicated in the application documents will be processed for the purposes of the recruitment and hiring processes only as is legally permissible under Art. 6(1)(f) of Regulation (EU) 2016/679 (General Data Protection Regulation)



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