

Vacancy
BRIDGE ENGINEER, ESTONIA

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.

RB Rail AS is looking for a new enthusiastic and experienced **COLLEAGUE** to **JOIN** our rapidly growing **TECHNICAL TEAM** in a position of **Bridge Engineer, Estonia**.

Our ambition is to design 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 Bridge Engineer will be to serve in a technical role including the planning, analysis, design, and detailing of bridge projects ranging from conventional to innovative bridge types. Railway Bridge Engineer shall ensure that Rail Baltica project implements the most reasonable and cost effective technical solutions from lifecycle perspective.

REQUIREMENTS

- Bachelor's degree or equivalent in Civil Engineering is required.
- 5+ years' experience of bridge engineering, design, checking, and plan production required; including the experience in managing infrastructure projects.
- Preferable but not mandatory, experience with bridge design using Eurocodes for high speed railway (design speed equal to or higher than 240km/h).
- Preferable but not mandatory, knowledge and practical application FIDIC conditions of contract for construction.
- Preferable but not mandatory Public procurement experience.
- 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 Estonian; good command of technical terms in both languages.
- High ethical standards, honesty, and impeccable reputation.
- Resilient to coping with conflicting demands, able to prioritize duties and work under pressure.
- Able to benchmark and apply best practices of large infrastructure projects.
- Strives for continuous improvement and precision in every detail.
- Leadership and communication skills, ability to work with diverse teams.
- Professional certificates in accordance with the legislation of the expert's country of origin.

RESPONSIBILITIES

- To lead complex structural analysis and design review for all structural aspects of railroad projects including railroad bridges, road bridges, eco-ducts and other rail related structures (culverts, retaining walls, etc.).
- Perform structural calculations, develop and review the bridge plans, specifications, cost estimates, oversee geometric layouts, checking verify the design calculations, assign work tasks to engineers/suppliers and 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 bridge monitoring system for Rail Baltica bridges and evaluate proposed structures from maintenance and lifecycle cost perspective.
- To develop Rail Baltica bridge register and asset management system in cooperation with BIM manager.
- To work out all construction and maintenance requirements for Rail Baltica bridges together with consultants/ 3rd party suppliers.
- 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 produced by bridge designers.
- Close cooperation with the national Implementing Bodies and other stakeholders.
- To ensure general supervision for Rail Baltica bridges and structures 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 "Bridge Engineer, Estonia" to RB Rail AS: job@railbaltica.org by 31 October.



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