

## CONSTRUCTION MATERIAL 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 Construction Material 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 Construction Materials Engineer will be to serve in a technical role including the planning, analysis, design, and detailing substructure of Rail Baltica railway. Construction Materials Engineer shall ensure that Rail Baltica project implements the most reasonable and cost-effective technical solutions from lifecycle perspective and shall ensure that Rail Baltica project is fully aligned with EU Construction Products Regulation (CPR) and applicable harmonised EN product specifications.

### REQUIREMENTS

- Bachelor's degree or equivalent in Geotechnical Engineering, Civil Engineering or Transportation Engineering.
- 3+ years' experience working with construction materials and/or prefabricated concrete elements related with infrastructure construction (e.g. production, laboratory testing, designing, construction, etc.) and European product specifications related with concrete (EN 206), prefabricated elements or aggregates (e.g. EN 206, EN 1917, EN 12620, EN 13285, EN 13043, etc.).
- Good understanding of EU regulation No. 305/2011 (Construction Products Regulation – CPR) and good background knowledge of European Single Market principles.
- Good overview about construction materials' related standard and standardization process.
- 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 skills, ability to work with diverse teams.

## RESPONSIBILITIES

- Analysis and design review for all aspects related prefabricated concrete elements used on Rail Baltica railway project.
- Develop and review specifications related with culvers, manholes, drainage elements submitted by the Design Consultants.
- Oversee the quality of deliverables (materials' specifications).
- 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.
- Develop a up to date Quality Assurance and Quality Control (QA/QC) program and ensure its implementation during the construction phase.
- 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 volume estimates and specifications provided by Design Consultants.
- Close cooperation with the national Implementing Bodies and other stakeholders.

## OFFICE LOCATION

RB RAIL AS Branch office in Riga, Latvia.

## SALARY

Starting from 3000 EUR (before taxes).

## 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 "Construction Material Engineer" to RB Rail AS recruitment partners SIA "Recruitment Latvia": [rbrail@cvor.lv](mailto:rbrail@cvor.lv) by August 31, 2021.

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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