

## BRIDGE AND STRUCTURES BIM 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 Technical team in a position of **BRIDGE AND STRUCTURE BIM 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.

### SUMMARY

The primary responsibilities of Bridge BIM Engineer will be to serve in a lead technical role including planning, analysis, design and detailing of bridges and other structures through whole project using the latest BIM practices in civil engineering.

### REQUIREMENTS

- Bachelor's degree or equivalent in Civil Engineering, with strong Structural or Bridge Engineering background;
- 3+ years' experience of Structural or Bridge engineering, design and design supervision;
- 3+ years' experience of working with BIM tools, data validation and coordination;
- "Pro-BIM" attitude and willingness to push the capabilities of BIM for infrastructure projects to the limit;
- Experience with infrastructure (particularly – railway) design and/or BIM projects desired;
- Proficient in the MS Office Suite and common CAD tools;
- Desired experience with Bentley OpenRoads, OpenRail, ProjectWise; Trimble Tekla Structures, Connect; Autodesk Civil 3D; Navisworks Manage; Revit;
- Understanding of OpenBIM approach and standards;
- Understanding of IT processes and system integration across different software platforms;
- Solid verbal, written and presentation skills;
- Well-developed communication skills, with ability to effectively interact with both the business partners and internal technical team members;
- Outstanding organizational abilities and technical mindset;
- Resilient to coping with conflicting demands, able to prioritize duties and work under pressure;
- Fluent in English and good command of technical English;
- High ethical standards, honesty, and impeccable reputation;
- Able to benchmark and apply best practices of large infrastructure projects;
- Strives for continuous improvement and perfectionism in every detail;
- Must have strong communication skills and a willingness to work in a team environment;

### RESPONSIBILITIES

- Lead complex structural analysis and design review in BIM environment for all structural aspects of bridge projects and related infrastructure and similar railway structures (embankment, bridges, station buildings and other structures);
- To lead the data verification process and work together with other Technical department teams to ensure data validity;
- To learn and explore the latest solution and find new best practices of digital engineering;
- Use the BIM practices and transfer them to other discipline team members; suggest and improve the internal digital processes;
- Use and improve the BIM usage practices from Bridge discipline point-of-view;
- Work together with BIM team members in each Country; follow, review and check the structures discipline design deliverables;
- Develop tasks and objectives, ensure that all tasks are delivered on-time, in quality, within scope and budget;
- Coordinate and control internal resources and third parties/vendors for the flawless execution of tasks ensuring the delivery of the global project;
- Organize and facilitate project team meetings to achieve the planned results;
- Use appropriate verification techniques to manage changes in project scope, schedule and costs.
- 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;
- Close cooperation with national Implementing Bodies and other stakeholders;
- Measure project performance and report to management;
- Perform risk management to minimize project risks;
- Create and maintain project documentation within the scope of the work responsibilities;
- Contribute the Asset management solution implementation and maintenance;
- During construction stage – follow and review the Asset information for discipline objects; monitor and validate the information submitted by the Contractor;

### OFFICE LOCATION

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

### SALARY

Starting from 2500 EUR gross.

### APPLICATION PROCESS

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 and Structures BIM Engineer" to RB Rail AS to [job@railbaltica.org](mailto:job@railbaltica.org) by 10 August 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"). 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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