

## 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 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 the main coordinator of the project. Developing the Rail Baltica project, the joint venture team is looking for a **BRIDGE AND STRUCTURE BIM ENGINEER**.

### 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.

### QUALIFICATION

- Bachelor's degree or equivalent in Civil Engineering, with Bridge Engineering specialization;
- 3+ years' experience of bridge engineering, design and design supervision;
- 3+ years' experience of BIM or similar system implementation 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 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 Bridge 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.

### MONTHLY GROSS SALARY

Starting from 3000 EUR.

### 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 "**RIDGE AND STRUCTURE BIM ENGINEER**" to RB Rail AS recruitment partners ARISTA Executive Search: [job\\_railbaltica@aristaexecutive.com](mailto:job_railbaltica@aristaexecutive.com) by 28 February 2020.



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