Rail Baltica– Railway line design tenders in 2018/2019

Kaido Zimmermann
Head of Planning and Design department

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General scope of the design and design supervision

- Detailed technical design (including building permits) of the railway line
- Scope of the design will not cover detailed CCS and ENE systems design (but only on principal level, accurate placement and main details in Master Design)
- Design includes:
  - Site Surveys,
  - Value engineering studies,
  - Design solutions presentation and approval,
  - Master design,
  - Spatial planning solutions development (if necessary),
  - Public consultation,
  - Applications for building permits,
  - Detailed technical design,
  - Design author’s supervision.
Design and design supervision tenders – the first sections

<table>
<thead>
<tr>
<th>Event</th>
<th>Estonia</th>
<th>Latvia</th>
<th>Lithuania</th>
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</thead>
<tbody>
<tr>
<td>Number of participants</td>
<td>6</td>
<td>6</td>
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<tr>
<td>Announcement of Second Phase Tenders</td>
<td>Q2 2018</td>
<td>Q2 2018</td>
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<tr>
<td>Opening of Second Phase Tenders</td>
<td>Q3 2018</td>
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<td>Design Agreements signed</td>
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- Supplier meeting days in November 2017
- Tenders in two stages and multiple sections
- Design service period is 24 months (Master Design period 12 months)
## Design and design supervision tenders – the next Rail Baltica sections

### 2nd Sections
- **Announcement of the First Phase Tenders**: 10.04.2018, Q2/Q3 2018
- **Opening of Tenders**: Q2/Q3 2018
- **Announcement of Second Phase Tenders**: Q3 2018, Q3 2018
- **Opening of Second Phase Tenders**: Q4 2018, Q4 2018
- **Design Agreements signed**: Q4 2018, Q4 2018

### 3rd Sections
- **First Phase of Tenders**: Q3 2018, 2019, 2021
- **Second Phase of Tenders**: Q3 2018, 2019, 2021
- **Design Agreements signed**: Q4 2018, 2019, 2021

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*Rail Baltica*
Design and design supervision services for the line from Pärnu to Rapla

Indicative amounts based on preliminary design:

Length of the section 71 km (double track)

- Number of bridges: 4
- Number of road viaducts: 17
- Number of railway viaducts: 4
- Number of eco-ducts: 9
- Number of culverts: 91
- Number of stations (with passing loops): 2 (Rapla, Järvakandi station)
Design and design supervision services for the section through Riga

Upeslejas - Riga central station 15.6 km, Tornakalns - Imanta 7.9 km, Riga Airport - Misa river 33.1 km.

Indicative amounts based on preliminary design:

**Total length of the sections 56.6 km**

- Number of bridges: 6
- Number of road viaducts: 12
- Number of railway viaducts: 16
- Existing railway 1520 mm area
- Rail Baltica
- Number of eco-ducts: 4
- Number of culverts: 121
- Number of main gas pipeline crossings: 3
- Cut and cover tunnel 2480 m length
Design and design supervision services for the line from Kaunas to Ramygala

Indicative amounts based on spatial planning design:

**Length of the section 76.6 km (double track)**

- Number of bridges: 3 + Large bridge (1.7 km length) over Neris river.
- Number of road viaducts: 7
- Number of railway viaducts: 11

- Number of eco-ducts: 3
- Number of culverts: 69
- Number of crossovers: 2
- Number of stations / passing loops: 2
Design and design supervision services for the line from Tallinn to Rapla

Indicative amounts based on preliminary design:

Length of the section 50 km including Muuga section (double track)

- Number of bridges: 10
- Number of road viaducts: 11
- Number of railway viaducts: 6
- Number of eco-ducts: 4
- Number of culverts: 46
- Number of stations (with passing loops): 3 (Kurtna, Rae, Depo stations). Ülemiste and Muuga terminals not included
Design and design supervision services for the section Vangazi – Salaspils - Misa

Vangazi – Kivulurga river 29 km and Kivulurga river – Salaspils – Misa river sections 31 km

Indicative amounts based on preliminary design:

Total length of the sections 60 km (double track)

- Number of bridges: 9 + Large bridge (1.6 km) over Daugava river
- Number of road viaducts: 14
- Number of railway viaducts: 15
- Number of eco-ducts: 4
- Number of culverts: 45
- Number of main gas pipeline crossings: 12
Design and design supervision services for the line from Ramygala to Lithuanian/Latvian border

Indicative amounts based on spatial planning design:

Length of the section 92 km (double track)

- Number of bridges: 3
- Number of road viaducts: 14
- Number of railway viaducts: 20
- Number of eco-ducts: 4
- Number of culverts: 87
- Number of crossovers: 3
- Number of stations / passing loops: 2
- Specific objects: Panevėžys station
Design and design supervision services for the line from Rapla to Estonian/Latvian border

Indicative amounts based on preliminary design:

Length of the section 94 km (double track)

- Number of bridges: 10 +
  Large bridge over Pärnu river and Rääma bog
- Number of road viaducts: 15
- Number of railway viaducts: 4
- Number of eco-ducts: 13
- Number of culverts: 151
- Number of crossovers: 3
- Number of stations / passing loops: 2

Rail Baltica
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<td>Announcement NoBo Tenders (Notified Body)</td>
<td>Q4 2018</td>
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Rail Baltica
Rail Baltica design speed according to preliminary designs

- $v = 249$ km/h
- $220 < v < 248$ km/h
- $200 < v < 219$ km/h
- $180 < v < 199$ km/h
- $140 < v < 179$ km/h
- $100 < v < 139$ km/h
- $0 < v < 100$ km/h
RB Rail AS is a multi-national joint venture of the Republics of Estonia, Latvia and Lithuania, which has been established to implement Rail Baltica