

AGREEMENT

THE INVESTIGATION AND LOCATION DESIGN OF RAIL BALTICA GEODETIC REFERENCE NETWORK

BETWEEN

RB RAIL AS

AND

SIA "ĢEODĒZISTIS"

RB133-RBR-AGR-Z-00001

Agreement registration number 1.19/LV-2023-40
Procurement procedure identification No RBR 2023/13
CEF¹ contract No INEA/CEF/TRAN/M2020/2428991

Riga

2023

¹ Grant Agreement under the Connecting Europe Facility



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This Agreement for investigation and design of joint Rail Baltica chainage and geodetic reference network (hereinafter – “RB Geodetic Reference Network (CPO)”), together with all Annexes thereto (the “Agreement”), is entered into in Riga, on the date indicated on the timestamp of last signature of the document (the “Effective Date”) by and between:

RB Rail AS, a joint stock company registered in the Latvian Commercial Register under registration No 40103845025, legal address at Satekles iela 2B, Riga, LV-1050, Latvia (the “Principal”), represented by Member of the Management Board Emilien Leonard Nicolas Dang, acting in accordance with the RB Rail Regulation on Representation Rights, dated 14th April 2023 (approved by Management Board on 17th April 2023), on the one hand,
and

SIA “ĢEODĒZISTS”, a limited liability company registered in the Commercial Register of the Republic of Latvia under registration number 41203006878, having its registered address at Vasarnīcu iela 16, Ventspils, Latvia (the “Contractor”), represented Member of the Board Aigars Ansbergs acting on the basis of the Articles of Association, on the other hand,

WHEREAS:

- (A) this Agreement is entered into under the Project which includes all activities undertaken by the respective beneficiaries and implementing bodies of the Republic of Estonia, the Republic of Latvia and the Republic of Lithuania in order to build, render operational and commercialise the Rail Baltica railway – a new fast conventional double track electrified railway line according TSI INF P2-F1 criteria and European standard gauge (1435mm) on the route from Tallinn through Pärnu-Riga-Panevėžys-Kaunas to Lithuanian-Polish border, with the connection of Kaunas – Vilnius, and related railway infrastructure in accordance with the agreed route, technical parameters and time schedule;
- (B) the Principal by acting as a Central Purchasing Body in accordance with the Clause 3.2.2 of the Agreement on Contracting Scheme for the Rail Baltic / Rail Baltica, in effect as of 30 September 2016 has organised procurement procedure “FOR THE JOINT RAIL BALTICA CHAINAGE AND GEODETIC REFERENCE NETWORK DEVELOPMENT STUDY” (identification No [RBR 2023/13]) (the “Procurement Procedure”) whereby the Contractor’s tender proposal (the “Contractor’s Proposal”) was selected as the winning bid;
- (C) this Agreement is co-financed from the Connecting Europe Facility (CEF) and further grant and finance agreements (hereinafter also referred to as the “Grant”).

1. Definitions and Interpretation

- 1.1. *Definitions.* In this Agreement, unless the context requires otherwise, all definitions shall have the meanings as attached to such terms in accordance with *Annex A: Definitions and common terms*.
- 1.2. *Interpretation.*
 - (a) The headings contained in this Agreement shall not be used in its interpretation.
 - (b) References to the singular shall include references in the plural and vice versa, words denoting a gender shall include any other gender where the context requires, and words denoting natural persons shall include any other Persons.
 - (c) References to a treaty, directive, regulation, law or legislative provision shall be construed, at any particular time, as including a reference to any modification, extension or re-enactment of the respective treaty, directive, regulation, law or legislative provision at any time then in force and to all subordinate legislation enacted from time to time.
 - (d) Unless expressly stated to the contrary, any reference in this Agreement to the right of consent, approval or agreement shall be construed such that the relevant consent, approval or agreement shall not be unreasonably delayed or withheld. The Parties agree and acknowledge as follows:
 - (i) neither Party shall be required to seek or apply for any consent, approval or agreement by any Person which would place the respective Party in breach of the Applicable Law or any Good Industry Practice; and
 - (ii) nothing in this Agreement shall require the Principal to give or procure the giving of any consent or approval which would be contrary to the protection, safety and efficient operation of the Railway and the Project.
 - (e) A reference to “writing” shall include an e-mail transmission.

- (f) The words “include” and “including” are to be construed without limitation.
- (g) Unless indicated otherwise, all references to “days” shall mean calendar days.
- (h) The words in this Agreement shall bear their natural meaning, except for any definitions in accordance with *Annex A: Definitions and common terms*.

1.3. *Order of Precedence*. In the event of any discrepancy or inconsistency between the documents forming part of this Agreement, the following order of precedence shall apply:

- (a) This Agreement document;
- (b) Explanations (clarifications) of the procurement documentation;
- (c) Procurement documents with the annexes (including Technical specifications (Annex B));
- (d) Schedule of Services (Annex C);
- (e) Deed of Acceptance (Annex D);
- (f) Clarifications of the Contractor’s Proposal (Annex E);
- (g) Contractor’s Proposal (Annex F);
- (h) All other Annexes of the Agreement.

2. Services

2.1. *Engagement*. The Principal hereby engages the Contractor to provide and perform the Services for the purposes of the Project, as further described and according to the specification contained *Annex B: Technical Specification* to this Agreement, and the Contractor hereby accepts such engagement. The Services shall include:

- (a) The investigation of existing national Geodetic Network points within the territory of the Republics of Estonia, Latvia and Lithuania, and identification of the gaps within the existing Networks and pre-designed locations of the new CP0 (primary network) Geodetic Network points for the purposes of the Rail Baltica project (“**Phase 1, the Investigation Services**”);
- (b) Creation of the Location Design of Rail Baltica high-speed railway primary Geodetic Network (“**Phase 2, the Location Design Services**”);
- (c) and shall result in the provision to the Principal of the Deliverables identified in accordance with *Annex C: Schedule of Services* to this Agreement.

2.2. *Scope of the Services*. The Services shall include all measures, including those not explicitly listed in the Agreement and *Annex B: Technical Specification* required for due performance of the Agreement, provision of the Deliverables in accordance with the terms and conditions of the Agreement. When achievement of the above results is not possible without performance of a measure not explicitly listed in the Agreement, then performance of such a measure is considered as a contractual obligation of the Contractor according to the Agreement without any additional payment obligations by the Principal. In any case the Services include, but are not limited to:

- 2.2.1. obtaining of data, documents and other information etc. regarding the national Geodetic Network points and their usability in accordance with *Annex B: Technical Specification* for which the Services shall be performed;
- 2.2.2. liaison and co-ordination of actions to be undertaken within the Scope of the Agreement with the National Regulatory Authorities, owners of land plots and utilities, and any third parties, whose rights may be affected by the Services;
- 2.2.3. obtaining written consents by the owners of the properties and any other third parties, or informing of such owners or third parties within the area of performance of the Services, where applicable, including as required by the Applicable Law;
- 2.2.4. providing the advice on potential measures to be taken to and receipt of approvals by the Principal to the extent required for the performance of the Services;
- 2.2.5. taking any other measures required for the provision of the Services, and performance of the Agreement with due care and professional skills as required in order to achieve the best cost-efficient results.

- 2.3. *No guaranteed scope of the Services.* The Agreement does not impose an obligation on the Principal to appoint the Contractor to provide full scope of the Services nor does it guarantee any predetermined scope, except for the Investigation Services (Phase 1).
- 2.4. *Co-operation between the Parties.* The Parties shall cooperate with one another to fulfil their respective obligations under this Agreement. The Parties shall endeavour to maintain good working relationships among all key personnel engaged in the provision of the Services, as well as with the Affected Parties.
- 2.5. *Certification Requirements.* By signing this Agreement, the declaration is made by the Contractor that the Contractor is professionally qualified, registered, authorised and certified to provide the Services in accordance with the Applicable Law.
- 2.6. *General Obligations of the Contractor.* The Contractor shall be responsible for the provision of services according to the commonly accepted professional quality and technical accuracy, and for coordination of the works undertaken under the scope of the Services with the competent institutions, authorities and/or Affected Parties, including, but not limited to obtaining required permits or authorisations, where applicable, and for timely and accurate delivery of the reports and other deliverables, as well as any other services as per the terms of this Agreement. The Contractor shall have an obligation, without additional compensation of any kind, to correct or revise any errors, deficiencies, or omissions in concepts, programming, reports, designs, drawings, specifications, estimates, and other services rendered and works performed hereunder and forming part of the Services.
- 2.7. *Acceptance or Lack of Information Not a Waiver.* The Principal's review, approval, acceptance, or payment for any part of the Services shall not be interpreted or construed to operate as a waiver of any right or cause for action arising out of the Contractor's performance of any Services under this Agreement. For the sake of clarity, the Contractor shall be obliged to request to the Principal the information, which is essential for the provision of the Services, and the Principal shall be allowed reasonable time to respond. The Contractor shall not be discharged from the liability, if the information request has not been furnished to the Principal or such request has not been furnished on a timely basis. The Contractor shall remain liable to the Principal according to the terms of this Agreement and the Applicable Law for any and all costs and/or Damages caused by the Contractor's negligent performance of any Services furnished under this Agreement.
- 2.8. *Representatives.* The Contractor and the Principal shall appoint an officer, employee or individual to serve as its authorised representative toward supply or receipt of the Service or any part thereof (including, but not limited to, the issuance or confirmation of the Deed of Acceptance or Objection Notice), with full authority to act on its behalf in connection with this Agreement, without the rights to conclude amendments or variations (the "Representative"). For the sake of clarity, the Contractor shall be obliged to request to the Principal the information, which is essential for the provision of the Services. It shall not be discharged from the Agreement. The initial Representatives having been identified in *Annex H: Representatives*. Any other restriction placed by either Party on its Representative's authority shall be notified to the other Party in writing to be effective.
- 2.9. *Replacements.* The Contractor and the Principal may replace or remove any Representative by notifying in writing the other Parties in accordance with Clause 20.3. In such circumstances, no separate amendments to the Agreement are required.

3. Commencement

- 3.1. *Pre-Conditions to Commence.* The Contractor within twenty (20) days following the Effective Date shall submit to the Principal the Insurance policy or certificate in compliance with Clause 14.
- The Principal shall review and approve the above-mentioned documents and their compliance with the terms of the Agreement within five (5) Working Days after receipt of the mentioned documents and any additional information which may be requested by the Principal to verify their compliance with the Agreement, if any.
- 3.2. *Effective Date of the Agreement.* For the avoidance of doubt, the Agreement shall become effective upon the Effective Date, and shall begin with the Services under Phase 1 (the Investigation Phase).
- 3.3. *Commencement of Phase 2 (the Location Design Services).* The Principal upon its sole discretion shall be entitled to set the exact Commencement Date by issuing to the Contractor a written notice on the commencement of Phase 2, the Location Design Services as per Clause 4.2 (Commencement Notice).

4. Times and Deliverables

- 4.1. *Performance of the Services.* The Contractor shall perform the Services timely and with due diligence having due regard to any applicable Services Milestones for the performance of the Services set out in the Agreement and the *Annex C: Schedule of Services*, as may be amended from time to time with the consent of the Principal or in

accordance with this Agreement and Public Procurement Law of the Republic of Latvia. The Contractor shall draw up and confirm with the Principal the detailed Time Schedule, taking into account the Services Milestones as per *Annex C: Schedule of Services*. Such confirmation by the Principal shall be received by way of a written notice by the Contractor to the Principal in accordance with Clause 20.3.

- 4.2. *The Commencement Dates.* The Contractor shall begin the Services under the Investigation Phase (Phase 1) on or about the Effective Date subject to the issue of the Commencement Notice 1. The Commencement Date for the Location Design Services (Phase 2) is provisionally set under *Annex C: Schedule of Services*, and may change. The Principal shall notify the Commencement Date for Phase 2 at its sole discretion, by issuing of the written Commencement Notice 2 after the Interim (Investigation) Report has been delivered to and approved by the Principal in accordance with Clause 4.4 (a).
- 4.3. *Delivery of the Commencement Notice.* The Commencement Notice shall be delivered by the Principal to the Representative(s) of the Contractor either by hand, via e-mail to the notified e-mail address(es) of the Contractor or by registered post to the Registered Address of the Contractor in accordance with Clause 20.3.
- 4.4. *The Final Completion Date and Milestones.* Subject to the terms and procedure provided under Clause 10, the Final Completion Date shall be the deadline for submission of the Final Location Design, and when the Location Design has been reviewed and approved by the Principal (Phase 2), and it shall not be later than 10 (ten) weeks starting from the Commencement Date of Phase 2. The Principal reserves the right to review and comment on the proposed design solutions as per the Draft version of the Location Design before the Final Location Design is submitted by the Contractor to the Principal. The Agreement expires once the Parties have fulfilled their contractual obligations arising out of this Agreement.

The following milestones are set in accordance with *Annex C: Schedule of Services* ("the Services Milestones"), which shall be met, when the following Deliverables have been submitted to and approved by the Principal:

- (a) For the Investigation Services (Phase 1) - the Interim (Investigation) Report on the investigation results of existing and required new Geodetic Reference Network Points (Phase 1);
 - (b) For the Location Design Services (Phase 2) - the Draft of the Location Design of Rail Baltica high-speed railway Geodetic Reference Network (CP0) and the Final Location Design of Rail Baltica high-speed railway Geodetic Reference Network (CP0) (Phase 2).
- 4.5. *Impediments and Delays.* If the Services, or any part thereof, is impeded or delayed by the Principal and it has or may affect any Completion Date of the Services Milestones:
 - a) the Contractor shall inform the Principal of the circumstances and probable effects of such impediment or delay upon the agreed Services Schedule and the Time Schedule; and
 - b) the duration of the Services shall be prolonged, and any Milestones affected by the impediment or delay shall be extended accordingly by the Principal.

5. Variations

- 5.1. *Variations.* Notwithstanding any provisions in this Agreement to the contrary, whenever the Contractor or the Principal reasonably consider that a variation to the Agreement or any part thereof (the "Variations") is necessary, the Contractor and the Principal shall negotiate in good faith on the terms of the intended Variations. For the avoidance of doubt, no Variation shall be effective unless and until concluded in writing by the Parties.
- 5.2. *Variations Scope.* For the purpose of the Agreement, and at any time prior to the completion of the Services under the Agreement Variations may be issued in respect of:
 - (a) amendments to the Agreement or any part thereof to comply with the amendments or adjustments to the Applicable Laws from time to time, if any;
 - (b) amendments to *Annex B: Technical Specification* to comply with any requirements (mandatory or optional) of the National Regulatory Authorities or any other governmental or municipal authorities or institutions of the Republic of Estonia, Latvia or Lithuania respectively, which are entitled to issue decrees, instructions or recommendations with respect to the Service provision during the Project implementation;
 - (c) the supply of additional Services not previously foreseen under the Scope of the Agreement;
 - (d) the Clause of the Agreement, which prescribe the issue of Variations;

- (e) implementation of any amendments to the Agreement as initiated or approved by the Principal during the provision of the Services during the Project implementation, which are necessary due to such reasons the Principal could not foresee in advance, including, but not limited to matters under sub-Clauses 5.2 (a)-(e).
- 5.3. *Limitations to the Variations.* In case of Variations due to supply of additional Services not previously foreseen under the Agreement, or due to reasons which the Principal could not foresee in advance, the total value of the Agreement may not change by more than fifty percent (50%) in accordance with the fourth paragraph of the Section 61 of the Public Procurement Law of the Republic of Latvia.
- 5.4. *De minimis.* Notwithstanding anything to the contrary contained in the Agreement, the Contractor and the Principal may agree on the supply of additional Services not previously foreseen under the Agreement if they do not change the nature of the Agreement (type and purpose specified herein) and if the total value of such additional Services does not concurrently reach the thresholds specified by the Cabinet of Ministers of the Republic of Latvia, starting from which the agreement notice must be published in the Official Journal of the European Union and ten percent (10%) of the total value of the Agreement.
- 5.5. *Variation Fee.* Fee for additional services as a result of Variations, if any, shall be determined taking into account the hourly rate as provided under *Annex G: Contractor's Proposal*. Furthermore, such fee shall be consistent with the market practice and proportionate to the Fee for Services with similar scope under the Agreement, if any.

6. Responsibilities of the Principal

- 6.1. *Supply of Information.* Unless otherwise provided under this Agreement, the Principal shall, in a timely manner, provide to the Contractor any information regarding requirements and parameters of the Project, as may reasonably be requested by the Contractor for the purposes of the Services, provided that the Principal is in possession of such information.
- 6.2. *Review of Documentation.* Review of any documents and/or Deliverables by the Principal and any decisions or opinions issued to the Contractor shall not discharge from or limit the Contractor's liability for any errors, faults, omissions, deficiencies, or defects.
- 6.3. *Decisions.* On all matters properly referred to it in writing by the Contractor and reasonably required for fulfilment of the Agreement the Principal shall deliver its decision to the Contractor in writing and within a reasonable time so as not to delay the Services.
- 6.4. *Action Upon Becoming Aware of Defects.* In the event the Principal observes or otherwise becomes aware of any error, fault, omission, or defect in the Services or non-conformance of any action forming part of the Services, the Principal shall give prompt notice thereof to the Contractor. The Contractor shall have the obligation to correct such error, fault, omission, or defect in the Services or non-conformance of any action forming part of the Services.

7. Responsibilities of the Contractor

- 7.1. *Standard of Performance.* The Contractor's Services shall be performed with due professional skill and care, according to Good Industry Practice, with the aim to achieve regular progress of the Services and in accordance with the schedule of Services set forth in accordance with *Annex C: Schedule of Services*.
- 7.2. *Obligation to Act in Accordance with Principal's Comments.* In performing the Services, the Contractor shall have due regard to any comments made by the Principal in connection with any review of the Documentation or information furnished by the Principal and shall provide reasons to the Principal where it does not take into account any such comments.
- 7.3. *Deliverable Requirements and Language.* The Contractor may be required by the Principal to provide copies of prints or electronic editions of the Deliverables. Contractor shall procure that each Deliverable shall be submitted to the Principal in English language.
- 7.4. *Cooperation with stakeholders.* The Contractor undertakes to cooperate with all the relevant stakeholders, including but not limited to the relevant stakeholders of the Principal provided for under Clauses 1.5 and 1.6 of *Annex B: Technical Specification*, that are directly or indirectly involved in the Project as will be necessary for the provision of the Services and the fulfilment of the objectives set out in the Agreement.
- 7.5. *Duty of Care and Exercise of Authority.* The Contractor shall:
 - (a) in performing its obligations under this Agreement, exercise reasonable professional skill, diligence and care as may be expected of a properly qualified and competent person carrying out services of a similar size, nature, type and complexity;
 - (b) ensure that its personnel are properly qualified and competent in accordance with the relevant standards;

- (c) ensure that all maps, drawings, plans, specifications, estimates, surveys and other documents and information required to be prepared or submitted by the Contractor under this Agreement conform to Good Industry Practice generally acceptable at the time of submission of such maps, drawings, plans, specifications, estimates, studies, documents and information;
 - (d) at all times during the term of the Services, ascertain and comply with all national and EU Laws and regulations and Good Industry Practice in particular, but not limited to the Tax Laws and regulations, and health and safety, and environment protection standards according to the Applicable Law;
 - (e) comply, where applicable, with any reasonable requirements by the Principal (including in respect to health and safety requirements and co-operation in this respect) not otherwise provided for in this Agreement;
 - (f) ensure that all documents and information is furnished in accordance with Good Industry Practice, and using conventional industry quality control methods; and
 - (g) notify the Principal of any Defects in accordance with Clause 10.1 of this Agreement as soon as such Defects are identified by the Contractor;
 - (h) use its own materials and equipment or any parts thereof, which shall be properly tested, in good quality and workmanship and fit for the intended purpose, where a purpose is defined in the Agreement and within *Annex B: "Technical Specification"* or, where no such purpose is defined, fits for its customary purpose;
 - (i) provide all necessary management, supervision, materials and equipment, plant, consumables, facilities and other things whether of a temporary or permanent nature, so far as the necessity for providing the same is specified in or reasonably to be inferred from the Agreement.
- 7.6. *Maintenance of Records.* During the term of the Agreement and during ten (10) years from expiration or termination of this Agreement for any reason whatsoever, the Contractor shall keep and maintain clear, adequate and accurate records and the Documentation evidencing, to the reasonable satisfaction of the Principal, that the Services have been carried out in accordance with the Agreement. In case of on-going audits, appeals, litigation or pursuit of claims concerning the Grant, including in the case of correction of systemic or recurrent errors, irregularities, fraud or breach of obligations, the records shall be kept and maintained for a longer period of time.
- 7.7. *Access to Documentation.* At all times during the term of the Agreement, the Principal shall have access to all the Documentation. This access shall be continuing and survive the termination of this Agreement for either cause or convenience. The Documentation shall be kept in a generally recognised format for a period of ten (10) years from the date of expiration or termination of this Agreement. All records forming part of the Documentation shall be available to the Principals' auditor or an expert or independent auditor appointed by the Principal and/or the Beneficiary during the period of time specified in accordance with this Clause 7.7.
- 7.8. *Sub-Contractors and Staff.*
- (a) In carrying out the Services, the Contractor may only rely on the services of those Approved Sub-Contractors and Approved Staff listed in *Annex D: List of approved Sub-Contractors and Staff*, as such list may, from time to time, be modified or supplemented in agreement with the Principal and in accordance with the terms and subject to the criteria contained in the applicable Public Procurement Law. Parties shall specify the name, contact details and legal representative(s) of each Approved Sub-Contractor as of the Effective Date in *Annex D: List of approved Sub-Contractors and Staff*. The Contractor shall have an obligation to notify the Principal in writing of any changes to *Annex D: List of approved Sub-Contractors and Staff* occurring during the term of this Agreement and of the required information for any new Sub-Contractors or staff member, which it may subsequently engage in the provision of the Services.
 - (b) Pursuant to the Public Procurement Law of the Republic of Latvia the Contractor shall obtain prior written consent of the Principal for the replacement of each Approved Sub-Contractor or each Approved Staff member, or each key personnel indicated in *Annex D: List of approved Sub-Contractors and Staff* and involvement of additional sub-contractors or staff members, or key personnel.
 - (c) Review and evaluation of the replacement of Approved Sub-Contractors or Approved Staff shall be carried out, and the consent or refusal to give consent shall be rendered by the Principal in accordance with Article 62 of the Public Procurement Law. The Principal may refuse to approve the Sub-Contractor, if it does not comply with Section 42 and any one of the grounds as per Paragraphs 1 to 4 of Part three of Section 62 under of the Public Procurement Law.

- (d) The Contractor shall replace the Sub-contractor and/or Staff member which during the term of provision of Services under this Agreement meets any of the compulsory grounds for exclusion of tenderers (or sub-contractors) that were verified during the Procurement Procedure.
- 7.9. *Responsibility for Performance by the Sub-Contractors and its Staff.* The Contractor shall retain the complete responsibility for the proper performance of all of its obligations under this Agreement, and any act, failure to act, breach or negligence on the part of any of its Approved Sub-Contractors and Approved Staff and other involved persons shall, for the purposes of this Agreement, be deemed to be the act, failure to act, breach or negligence of the Contractor. No subcontract shall bind or purport to bind the Principal. Nevertheless, the Contractor shall ensure that any Approved Sub-Contractor and Approved Staff shall be bound by and observe the provisions of the Agreement in so far as they apply to the respective Approved Sub-Contractor and Approved Staff.
- 7.10. *No Conflicting Activity.* Except with the Principal's knowledge and express written permission, the Contractor shall not engage in any activity or accept any employment, other agreement, interest or contribution that would reasonably appear to compromise the Contractor's professional judgment and performance with respect to the Services and/or the Project. During the provision of the Services the Contractor shall take all necessary measures to prevent any situation, where the impartial and objective implementation of the Services is compromised for reasons involving economic interest, political or national affinity, family or emotional ties or any other shared interest.
- 7.11. *Attendance of Meetings.* To the extent necessary to ensure smooth and efficient provision of the Services, the Contractor shall at the Principal's request and without additional charges to the Principal hold and/or attend meetings with the Principal, relevant stakeholders, Beneficiaries or any other third parties, at which appropriate personnel of the Contractor and the Principal and the Representatives of each Party shall be present. Upon the Principal's request the Contractor shall record all meetings (also online meetings) between Parties and prepare meeting reports within five (5) Working Days after each meeting. All meeting reports shall be confirmed by the Principal.
- 7.12. *Compliance with Laws.* The Contractor shall during the provision of the Services review the Applicable Laws on a regular basis. In carrying out any works forming part of the Services, the Contractor shall, at all times, ensure compliance with the requirements imposed by the Applicable Law and/or National Regulatory Authorities having jurisdiction over the Project.
- 7.13. *Information Furnished by the Principal.* The Contractor shall provide prompt written notice to the Principal, if the Contractor becomes aware of any errors, omissions, or inconsistencies in the information and/or documents provided by the Principal, or if and when it requires information that is essential for completion of the Works, meeting the Milestones and/or submission of Deliverables as per *Annex B: Technical Specification*. It is the sole responsibility of the Contractor to furnish to the Principal the request for the information as soon as it becomes evident that such information is required, and the Principal shall respond to the Contractor within reasonable times.
- 7.14. *Visibility Requirements.* At all times during performance of the Services, the Contractor undertakes to comply with each of the following requirements:
- (a) any report, brochure, document, or information related to the Services conducted to the Principal by the Contractor or the Sub-contractor shall include each of the following:
- (i) a funding statement which indicates that the Services are financed from EU funds;
- (ii) with respect to printed materials, a disclaimer releasing the European Union from liability with respect to any contents of any distributed materials substantially in the form as follows: "Funded by the European Union. Views and opinions expressed are those of the author(s) only and do not necessarily reflect those of the European Union or the granting authority. Neither the European Union nor the granting authority can be held responsible for them". The disclaimer in all official languages of the European Union can be viewed on the website https://cinea.ec.europa.eu/communication-toolkit_en; and
- (iii) the flag of the Council of Europe and the European Union;
- (b) the requirements set forth in Clauses 7.14(a)(i) and 7.14(a)(iii) of this Agreement should be complied with by means of utilizing the following logo:



**Co-funded by
the European Union**

- (c) the Contractor shall ensure that the logo remains distinct and separate, and no other visual identity or logo may be used to highlight the EU support;
- (d) in order to comply with the latest applicable visibility requirements established by the European Union, the Contractor shall regularly monitor changes to visibility requirements; as of the Effective Date, the visibility requirements are available for review on the webpage https://cinea.ec.europa.eu/communication-toolkit_en.

7.15. *Reporting.* The Contractor shall, in a format and at intervals to be agreed with the Principal:

- (c) provide the Principal with regular reports and status updates on the progress of the Services.
- (d) report on any changes to the Annexes of this Agreement, including but not limited to Services Schedule, which the Contractor considers may be needed in order to fulfil the objectives set out in the Agreement; and
- (e) use reasonable endeavours to provide any other information and status updates as may be reasonably requested by the Principal at any time.

In order to avoid any doubt, any change to the above-mentioned documentation can be made only pursuant to this Agreement, if agreed by both Parties, and, if the proposed changes are compliant with the Public Procurement Law of the Republic of Latvia.

7.16. *Health and safety obligations.* The Contractor shall:

- (a) ensure full compliance of the Services (including any works to be performed as part of the Services) with all applicable health and safety regulations of the Applicable Law and obligations of the Agreement. The Contractor shall keep the Principal harmless of any claims from any Person, including, but not limited to, state or municipal institutions that are in charge of controlling the compliance of the Services (including any works) with work safety regulations;
- (b) bear the responsibility and be solely liable for the life, health and safety of all persons on the site and other places where the works are being executed (including, but not limited to, the Contractor's personnel, Approved Sub-Contractors and Approved Staff). Furthermore, the Contractor shall keep the Principal harmless of any claims from such Persons or any third party made towards the Principal in relation to any harm which may have occurred to the property, life, health and safety of the persons being involved or affected by the performance of the Services (including any works);
- (c) comply with all instructions or directives issued by the relevant state or municipal authorities or the Principal's health and safety officers;
- (d) take care of the health and safety of all persons on the site and other places (if any) where the works are being performed;
- (e) keep the site, where the Services are being provided clear of unnecessary obstruction so as to avoid danger to all and any persons present at the places where the Works are being executed;
- (f) implement and duly maintain during the provision of Works a health and safety management system for all Persons the Contractor has involved in the performance of Works (including, but not limited to the Contractor's personnel, Approved Sub-Contractors and Approved Staff), compliant with "Plan", "Do", "Check", "Act" approach.

8. Representations and Warranties

8.1. *Certain Representations and Warranties by Parties.* Each Party represents and warrants to the other Party, as of the Effective Date, as follows:

- (a) it has entered into this Agreement with the aim of attaining all of the objectives and performing in all material respects all of the obligations and commitments herein set forth;
- (b) it has entered into this Agreement without violating the Applicable Law, its own Articles of Association, other constitutional documents, laws or agreements of any kind to which it is a party;
- (c) it is not bankrupt and is not the subject of insolvency or winding-up proceedings, where its assets are being administered by a liquidator or by the court, it is not in an arrangement with creditors, where its business activities are suspended, or it is in any analogous situation arising from a similar procedure under the laws of the country where it is registered and submits its tax accounts; and
- (d) it has entered into this Agreement of its own volition and in good faith.

8.2. *Certain Representations and Warranties by the Contractor.* The Contractor represents and warrants to the Principal, as of the Effective Date and during the entire term of the Agreement, as follows:

- (a) it has all requisite qualification, skills and competence to perform the Services on the terms and conditions of this Agreement which are no less favourable than the terms and conditions of service identified by the Contractor in any document submitted by the Contractor to the Principal;
- (b) The Contractor is aware that the Tax Laws of Latvia prescribe certain instances when payments to non-residents are subject to a withholding tax (for instance, in case of management and consultancy services), and the Customer may be obliged to withhold tax from the amounts payable to non-resident Contractor with the following exception. Unless otherwise prescribed under the governing law, no tax shall be withheld, if the Contractor (before the Principal is obliged to make any payment under the Agreement) will provide the Residence certificate confirmed by the competent authority of the Contractor's country of residence allowing to make an exemption from such withholding pursuant to the terms of the applicable laws of Latvia and bilateral tax conventions or agreements between Latvia and the Contractor's country of tax residence;
- (c) it holds all requisite licenses, permits, authorisations, approvals and consents necessary to enable performance by the Contractor of any Works forming a part of the Services according to the specifications contained in this Agreement and *Annex B: Technical Specification*;
- (d) it has all requisite ability to ensure the highest quality of the Services;
- (e) it will assign competent and duly qualified personnel indicated in the tender proposal to carry out the Services set out in this Agreement and applying the highest professional standard and Good Industry Practice. Moreover, whereby the Applicable Laws for the performance of any works forming a part of the Services requires the personnel to obtain a special certificate, license, permit, authorisation, qualification, the respective personnel assigned by the Contractor for the performance of such works shall be duly certified according to the Applicable Laws;
- (f) it is not deemed to be a person associated with the Principal for the purposes of Applicable Law;
- (g) it has been registered as a VAT payer according to the Applicable Law;
- (h) it is compliant with all of the requirements of the Contractor's Declaration (<https://www.railbaltica.org/lv/iepirkumi/iepirkumu-regulesana-un-piegadataju-kvalifikacija/>) and will continue to be compliant with all such requirements during the term of this Agreement;
- (i) it has made acquainted and updated itself prior to commencement of Phase 2 of the Agreement of the actual condition of the soil and area, and has made itself aware of that the proposed design solution is suitable for the installation of the Geodetic reference network point within the proposed place according to the Location Design, and there are no either existing or reasonably anticipated hindrances;
- (j) it will immediately arrange for engagement of supplemental personnel when necessary at the cost of the Contractor. For the avoidance of any doubt, the engagement of supplemental personnel shall not require approval by the Principal, provided that the personnel complies with the Applicable Law, including the Public Procurement Law of the Republic of Latvia, and this Agreement;
- (k) it will comply with all applicable health and safety regulations of the Applicable Law and obligations of the Agreement.

9. Fee and Payment

9.1. *Total Value.* The total value of the Services provided under the Agreement shall not exceed **EUR 88 124,50 EUR** (eighty eight thousand, one twenty four hundred euros, 50 cents), excl. VAT).

9.2. *The Fee.* The Company undertakes to pay to the Contractor the fixed fee in the total amount of **EUR 88 124,50 EUR** (eighty eight thousand, one twenty four hundred euros, 50 cents), excl. VAT) (the "**Fee**") in consideration of the due provision of Services. The Fee shall become payable in two instalments in the following amounts after the following Deliverables are submitted by the Contractor and approved by the Principal, and subject to signing by both Parties of the Deed of Acceptance of the respective Phase of Services:

- (a) The Final Interim (Investigation) Report by the completion of the Investigation Services under Phase 1: in the amount of 65% (sixty five per cent) of the Fixed Fee;
- (b) The Final Location Design by the completion of the Design Services under Phase 2: in the amount of 35% (thirty five per cent) of the Fixed Fee.

- 9.3. *Payment of the Fee.* In consideration of provision of the Services, the Principal undertakes to pay to the Contractor a Fixed Fee in two instalments as set forth in accordance with Clause 9.2. It is acknowledged and agreed by the Parties that the Fee shall include all Costs and expenses incurred by the Contractor and Approved Sub-Contractors toward performing the Services. The Fee specified in accordance with this Clause 9.2 does not include value added tax (the "VAT") that will be charged at the rate applicable in accordance with Applicable Law at the time of invoicing.
- 9.4. *Invoicing.* According to Clause 9.2 and following each Completion Date, provided that the Principal has accepted/approved the particular Deliverable of the Services according to the terms of Clauses 10.2 - 10.6, which the invoice is related to, the Contractor shall deliver to the Principal an invoice specifying the amount of the Fee payable and the period of time with respect to which the Fee is payable. In the event the Principal objects to payment of any amount claimed by the Contractor in the invoice, notice in the form chosen by the Principal to this effect shall be given by the Principal to the Contractor not later than seven (7) days before the due date for payment under Clause 9.5. This notice of objection shall state the amount to be withheld, the grounds for withholding the payment and the basis on which that amount is calculated. Unless such notice of objection is made by the Principal, the amount to be paid is that stated in the invoice which shall become due and payable in accordance with this Agreement.
- 9.5. *Payment.* Subject to the provisions of Clause 9.4, the Principal reserves the rights to make the payments to the Contractor with set-off, retention, counterclaim, abatement or other deduction of any kind that arises from this Agreement and from the obligations of the Contractor provided herein. If the Principal uses the right to make the payments to the Contractor with set off, retention, counterclaim, abatement or other deduction of any kind, then the Principal so notifies to the Contractor no later than on the date of the respective payment stating the amount, the grounds and the basis on which the Principal uses its right to set off, retention, counterclaim, abatement or other deduction or other right. Invoices shall be paid within sixty (60) days after the date of issue of the invoice. For the avoidance of any doubt, and save for the Advance Payment, the Principal shall not be required to pay any amount with respect to any invoice in the absence of a Deed of Acceptance duly signed by the Principal taking into account that the Services shall be accepted by the Principal in accordance with Clauses 10.3, 10.4, 10.5 and 10.6 of this Agreement.
- 9.6. *Costs and Commissions.* Each Party shall bear its own costs, fees, commissions and expenses incurred in connection with the transfer of any funds under this Agreement to the other Party.
- 9.7. *Compliance with Tax Obligations by the Contractor.* It is acknowledged and agreed by the Parties that the Fee shall include all taxes and duties payable or which may be attributable to and become payable within the scope of the Services by the Contractor, but not including the value added tax. The Contractor shall at the sole cost and expense of the Contractor shall assume all risks, including the risk of increase of any taxes and duties, and shall comply with the obligations to report and pay all taxes and duties relevant to the provision of the Services in accordance with Applicable Laws.
- 9.8. *Invoice.* The Contractor's invoices shall contain the following Contractor's details and details about the Agreement:
- a) Contractor's details and details about the Agreement:

Contractor	SIA "ĢEODĒZISTS"
Registration No	41203006778
VAT payer's No	LV41203006778
Legal address, city, Zip code, country	Vasarnīcu iela 16, Ventspils, LV-3601, Latvia
Legal name of Bank	[●]
SWIFT Code	[●]
IBAN	[●]
Subject:	For provided services according to the Agreement No 1.19/LV-2023-40

- b) the number and date of issue of the invoice;

- c) the name or a description of the Services, including the reference to the relevant Phase 1 and 2 of the Services;
- d) the date of submission of the Deliverable of the Services;
- e) the price of the services, with no value added tax included, and any discounts, if applicable;
- f) the taxable amount broken down by different rates of value added tax together with the applicable rates of value added tax or the amount of supply exempt from tax;
- g) the amount of value added tax payable. The amount of value added tax shall be indicated in euros;
- h) the following Principal's details:

The Principal	RB Rail AS
Registration No	40103845025
VAT payer's No	LV40103845025
Address	Satekles iela 2b, Riga, LV-1050
Name of Bank	[●]
Bank Code	[●]
Bank Account No	[●]

The Contractor shall send the invoice to the Principal electronically to the following e-mail address: invoices@railbaltica.org. The Principal shall review the invoice to verify whether it contains all necessary requisites.

10. Remedying of Defects and Deed of Acceptance of the Services

- 10.1. *Defects and Discrepancies in the Deliverables.* The Principal shall notify the Contractor of each Defect as soon as it is identified by the Principal, and the Contractor shall have an obligation to notify the Principal of each Defect as soon as it is identified by the Contractor. Upon discovering a Defect or upon receipt by the Contractor of a notification of the Defect by the Principal, the Contractor shall have no more than five (5) Working Days to remedy the Defect (the "Cure Period"). In the event of inability or failure by the Contractor to remedy the Defect within the Cure Period, the Principal shall be entitled at the sole and exclusive discretion of the Principal to do any of the following:
- (a) allow the Contractor an additional time period for remedying the Defect, such time period to be determined in the sole discretion of the Principal;
 - (b) remedy the Defect at the costs of the Principal (including by means of relying on the services of a third Person), and demand the reimbursement by the Contractor of all direct and associated costs incurred by the Principal as a result of having to pay other Persons toward carrying out any work or action;
 - (c) terminate the Agreement according to Sub-clause (b) of 12.1 (Termination and suspension).

For the avoidance of any doubt, the application of the Cure Period under this Clause 10.1 shall be without prejudice to and shall not relieve the Contractor from the obligation to pay any contractual penalty in accordance with the provisions of Clause 13.2 at the Principal's request or to compensate any Damages in accordance with the provisions of Clause 13.3 of this Agreement.

- 10.2. *Defects Claims Period.* The Defects Claims Period shall be 2 (two) years from the date of submission and acceptance by the Principal of the Final Location Design in accordance with Clause 4.4.
- 10.3. *Completion of Services and the Deed of Acceptance.* Meeting of a Services' Milestone or supply of a Deliverable occurs whenever the Contractor has completed all of the Services which the Contractor has undertaken to perform according to the *Annex B: Technical Specification* and *Annex C: Schedule of Services* by the relevant Services Milestone. On meeting a Services Milestone and/or producing a Deliverable (including all Documentation and information forming part of the Deliverable) constituting all or an identifiable part of the Services, the Contractor shall issue to the Principal a Deed of Acceptance (the "the Deed of Acceptance"). The Deed of Acceptance shall include the Deliverable and adequate supporting Documentation and information relevant to the Services

Milestone attained and/or Deliverable completed. The Principal reserves the rights to review, comment and request for any amendments to the Deliverables at any time during the provision of the Services until the Final Deliverables have been approved by the Principal.

- 10.4. *Acceptance or rejection of the Deed of Acceptance.* Upon the reception of the Deed of Acceptance from the Contractor in accordance with Clause 10.3 the Principal shall review the submitted Deed of Acceptance and the specific Deliverable and any supporting Documentation and:
- (a) in the event the Principal rejects the submitted Deed of Acceptance, it shall give notice to the Contractor setting out in reasonable detail any Defect or reason for the objection (the "Objection Notice") within reasonable time following the receipt of the Deed of Acceptance thus initiating the Cure Period and Defects remedy procedure as specified in Clause 10.1; or
 - (b) in the event no reasons for objection to the Deed of Acceptance exist, the Principal shall also sign the Deed of Acceptance within reasonable time following its receipt. The date the Principal accepts and signs the Deed of Acceptance shall constitute "Completion Date" with respect of the relevant Deliverable. The signed Deed of Acceptance may have annexed to it a list of any outstanding Defects or deficiencies to be corrected by the Contractor.
- 10.5. *Completion of Services Following Receipt of Objection Notice.* After the Defects specified by the Principal in the Objection Notice have been remedied, the Contractor shall issue to the Principal a second signed Deed of Acceptance as per the procedure specified in Clause 10.3, and the Principal shall perform the review as generally provided for in Clause 10.4 of this Agreement and:
- (a) in the event no further reasons for objection to the second Deed of Acceptance exist, then the Defects remedy procedure is concluded and the provisions of Sub-clause (b) of Clause 10.4 are to be applied;
 - (b) in the event the Principal rejects the submitted second Deed of Acceptance, it shall give a second Objection Notice, thus simultaneously continuing the Defects remedy procedure with the possibility for the Principal to execute the Clauses 10.1(a)– 10.1(c) at its own discretion.
- 10.6. *Objection Notice and Contractual Penalty.* For the avoidance of any doubt, the giving by the Principal of any Objection Notice or second Objection Notice shall be without prejudice to and shall not relieve the Contractor from the obligation to pay any contractual penalty or to pay Damages in accordance with the provisions of this Agreement upon the Principal's request.

11. Intellectual Property Rights

- 11.1. *Proprietary Rights.* All Documentation forming part of the Deliverables developed under this Agreement is and shall become the property of the Principal at the moment of creation regardless of whether the Services or Deliverable is produced or finally accepted. It is acknowledged and agreed by the Parties that the Principal shall be permitted to use and reproduce the Documentation without any approval of the other Parties and without incurring obligation to pay any royalties or additional compensation whatsoever to the Contractor. For the avoidance of any doubt, such title and ownership shall confer upon the Principal, without limitation, each of the following:
- (a) the right to reproduce the Documentation and information, or any part thereof, and distribute copies of the Documentation and information or any part thereof;
 - (b) the right to modify, amend and supplement the Documentation and information, or any part thereof;
 - (c) the right to licence the Documentation and information, or any part thereof, for use by others; and
 - (d) the right to transfer ownership in the Documentation and information, or any part thereof, to others.
- 11.2. *Licence from Employees of the Contractor.* The Contractor hereby warrants that it shall obtain from any personnel, Approved Sub-contractors and Approved Staff, and grants to the Principal an exclusive licence to use the personal Intellectual Property rights pertaining to the Documentation. The licence shall be valid for the statutory time period applicable to the protection of the respective Intellectual Property rights.
- 11.3. *Intellectual Property Rights within the Documentation.* The Contractor represents and warrants that it owns all Intellectual Property required for the purposes of completing its obligations under this Agreement and in all Documentation deliverable by or on behalf of the Contractor under this Agreement and that, to the extent any Intellectual Property rights in any Documentation is not owned by the Contractor, it has obtained all requisite consents from the owner(s) of the respective Intellectual Property rights to comply with its obligations undertaken

by the Contractor under this Agreement, and has fully discharged the Principal from any obligations with respect to payment of any royalties or fees.

- 11.4. *No Additional Royalty.* It is acknowledged and agreed by the Parties that consideration for the transfer of ownership of the Intellectual Property shall be forming part of the Fee and no additional royalty, fee or other consideration of any kind shall be payable by the Principal to the Contractor or to any third party in consideration of the transfer of ownership of the Intellectual Property in any Documentation.
- 11.5. *No Infringement.* The Contractor represents and warrants to the Principal that no Documentation and information deliverable to the Principal under the terms of this Agreement shall infringe any existing Intellectual Property rights of any third party. In the event any of the representations or warranties contained in this Clause 11 *Intellectual Property Rights* prove to be untrue or inaccurate, the Contractor undertakes at its own cost and expense to defend and settle any claim raised by any third party alleging infringement of Intellectual Property rights in the Documentation and information.
- 11.6. *Indemnification by the Contractor.* The Contractor shall indemnify the Principal from and against any and all Damages arising from the use by the Principal of any Intellectual Property of the Contractor, to the extent use by the Principal is within the scope of the license granted to the Principal.

12. Termination and suspension

- 12.1. *Termination due to Material Breach or Bankruptcy.* Subject to the provisions of Clause 12.2 of this Agreement, either Party shall be entitled to terminate (withdraw from) this Agreement upon giving a written notice of termination to the other Party in the event of material breach by the other Party of any of its obligations under this Agreement. The written notice of termination shall contain an itemized description of the breach. An event of material breach shall include, but shall not be limited to, any of the following:
- (a) commitment by a Party of any persistent or material breach of this Agreement which shall include failure to pay an amount of at least EUR 9,000 due to the other Party or perform any part of the Services valued at least EUR 9,000;
 - (b) failure by the Contractor to duly address any of the matters raised in the second Objection Notice given by the Principal in accordance with Clause 10.5;
 - (c) failure by any Deliverable to conform to any of the material requirements to such Deliverable contained in *Annex B: Technical Specification* provided that such failure is not capable of being remedied during the Cure Period;
 - (d) failure by the Principal to make any payment to the Contractor in accordance with this Agreement within at least thirty (30) Working Days from the date of payment falling due;
 - (e) any of the representations or warranties given by either Party under Clause 8.1 of this Agreement or any of the representations or warranties given by the Contractor under Clause 8.2 of this Agreement proving to be untrue; or
 - (f) breach by the Contractor of the undertaking contained in Clause 11.3 of this Agreement.
- 12.2. *Corrective Period.* In the event of breach by either Party of its obligations under this Agreement, the non-breaching Party shall allow the breaching Party seven (7) days for corrective action or submission of a corrective action plan (the "Corrective Period"). The Corrective Period shall be counted from the date of receipt by the breaching Party of a written notice of breach. Should no satisfactory corrective action be taken, or acceptable corrective action plan provided by the breaching Party, the non-breaching Party shall have the right to terminate the Agreement. It is acknowledged and agreed by the Parties that the provisions of this Clause 12.2 of this Agreement shall not apply with respect to any of the events listed in accordance with Clause 12.3 of this Agreement. In addition and for the avoidance of any doubt, the application of the Corrective Period under this Clause 12.2 of this Agreement shall be without prejudice to and shall not relieve either Party from the obligation to pay any contractual penalty in accordance with the provisions of Clause 13.2 of this Agreement or to pay Damages incurred by the other Party in accordance with the provisions of Clause 13.3 of this Agreement.
- For the sake of clarity, the Corrective Period is not applied in case of material breach under Clause 12.1(b) or Clause 12.1(c), as in these cases the purpose of the Corrective Period is fulfilled by the Cure Period or the term specified in the Objection Notice, as the case may be, and their prior application.
- 12.3. *Right to Terminate the Agreement Immediately.*

- 12.3.1. Notwithstanding anything to the contrary contained in this Agreement, a Party may terminate (withdraw) this Agreement immediately upon giving the other Party a written notice of termination, explaining in reasonable detail the reason for termination upon occurrence of any of the following:
- (a) breach by the other Party of Clause 20.2 of this Agreement;
 - (b) an event of Force Majeure has been continuing during more than sixty (60) days;
 - (c) the other Party has passed a resolution for winding-up;
 - (d) liquidation, insolvency or legal protection proceedings have been initiated with respect to the other Party or the other Party is declared insolvent;
 - (e) the occurrence of any event analogous to the events listed under Clauses 12.3.1 (d) under the Applicable Law of a jurisdiction to which the other Party's assets and undertaking are subject.
 - (f) the Contractor's failure to take out and maintain the Professional civil liability insurance valid and/or extend it (as the case may be) and provide the copy of the certificate to the Principal according to Clauses 14.1 - 14.9.
- 12.3.2. *Principal's Right to Terminate Immediately.* The Principal may terminate this Agreement immediately upon giving the other Party a written notice of termination explaining, in reasonable detail, the reason for termination, if:
- (a) CEF co-funding for further financing of the Services is not available to the Principal fully or partly, or the Principal, its successor or assignee to whom the Contract has been assigned in accordance to Clause 20.7 has decided not to proceed with the Services except for the Phase 1, Investigation Services;
In such a case, the Principal shall pay the Contractor the fees in respect of the Services provided under this Agreement up to the date of the notification of the termination of this Agreement and the Principal is not obliged to pay contractual or any other penalty or Damages to the Contractor.
 - (b) it is not possible to execute the Agreement due to the application of international or national sanctions, or European Union or North Atlantic Treaty Organization applied sanctions significantly affecting interests of financial or capital market.
 - (c) in case, if the proposed time schedule described in *Annex C: Schedule of Services* is breached;
 - (d) breach by the Contractor any of the confidentiality undertakings contained under Section 16 Confidentiality.
- 12.4. *Termination according to Public Procurement Law.* The Agreement may be immediately terminated upon giving to the other Party a written notice of termination explaining in reasonable detail the reason for termination upon occurrence of any of the circumstances listed under Article 64 of the Public Procurement Law. In such a case the Principal shall pay to the Contractor the fees in respect of the Works and Services completed under this Agreement up to the date of the notification of the termination of this Agreement, and the Principal is not obliged to pay contractual or any other penalty or Damages to the Contractor.
- 12.5. *Right to Advance to Completion.* In the event the Contractor is in breach of Clauses 12.1 and 12.3.2 (c) and (d) above or fails to cure any breach in accordance with Clause 12.2 of this Agreement, and the Agreement is terminated by the Principal, the Principal may advance the Services to completion by employing the provision of Services by other professional service supplier(s) or by other means available to the Principal. The Contractor shall be liable to the Principal for any and all additional costs incurred due to failure by the Contractor to perform. The rights and remedies available to the Principal set forth in accordance with this Clause 12.5 of this Agreement shall be in addition to any and all other rights and remedies available under the Applicable Law.
- 12.6. *Consequences of Termination.* Upon expiration or termination of this Agreement, the obligations of the Parties set forth in this Agreement shall cease, except with respect to the following:
- (a) any obligations arising as a result of any antecedent breach of this Agreement or any accrued rights; and
 - (b) the provisions stipulated in accordance with Clauses 7.6, 7.7, 9.7, 10.1, 11.3, 11.4, 11.5, 11.6, 12.7, 13.1, 13.2, 13.3, 16, 17, 18, 19, 20.1, 20.2 of this Agreement which shall survive the termination or expiry of this Agreement and continue in full force and effect along with any other Clauses of or Annexes hereof which are necessary to give effect to the Clauses specifically identified in this 12.6 (b) of this Agreement.
- 12.7. *Partial Acceptance.* Notwithstanding anything in this Agreement to the contrary including, without limitation, the provisions of Clauses 10.3, 10.4, 10.5 and 10.6 of this Agreement and in the event of termination of this Agreement, the Principal shall have the right, within the sole discretion of the Principal, to partially accept any part of the

Services delivered to the Principal under this Agreement (the “Right of Partial Acceptance”). The Principal shall notify the Contractor of its intention to exercise the Right of Partial Acceptance within the termination notice given in accordance with Clause 12.1 or Clause 12.3 of this Agreement, specifying, in reasonable detail the Services or part of the Services which the Principal would like to partially accept. In the event of receipt of such notice, the Contractor shall reasonably cooperate with the Principal in order to ascertain transfer to the Principal of ownership in the result(s) of such Services and determination of the amount of consideration payable by the Principal.

- 12.8. *Principal's Obligation to Pay.* In the event of termination of the Agreement due to the fault of the Principal in accordance with Clause 12.1 or 12.3.1 of the Agreement, the Principal shall be obliged to compensate to the Contractor only those direct and reasonable Costs which are attributable to the Services and are incurred by the Contractor until the termination of the Agreement. The total amount of such Costs shall in any case not exceed the amount of the Fee payable as per Clause 9.2 for the Services under the respective Phase. The Principal shall have no obligation to pay any of the Costs incurred by the Contractor with respect to any Services (or part of the Services), if the Agreement has been terminated due to the violation of Clause 20.2 by the Contractor or due to application of international sanctions as per Clause 12.3.2(b) or for the Services, which are not deemed as having been accepted by the Principal in accordance with Clauses 10.2, 10.4, 10.5 and 10.6 of this Agreement due to the fault of the Contractor.
- 12.9. *No Prejudice to Other Rights.* The right to terminate this Agreement shall be without prejudice to any other right of either Party which has accrued prior to or as a result of such termination or to any remedy available to either Party under the terms of this Agreement or in accordance with the Applicable Law.

13. Liability

- 13.1. *Liability of the Parties.* The Contractor shall be liable to compensate Damages incurred by the Principal arising out of or in connection with this Agreement and pay contractual penalty set forth in accordance with Clause 13.2 of this Agreement if a breach of any of the obligations of the Contractor under this Agreement is established against the Contractor. The Principal shall be liable to pay the contractual penalty set forth in accordance with Clause 13.2 of this Agreement if a breach of payment obligations of the Principal under this Agreement is established against the Principal.
- 13.2. *Contractual Penalty.* In the event of failure by the Contractor to meet any Services Milestone and/or to supply any Deliverable or the fulfilment of the pre-conditions to commence the Services as per Clause 3.1, the Contractor shall be liable to pay to the Principal a penalty of zero point five (0.5%) of the amount of total Fee payable under this Agreement with respect to the particular Services Milestone and/or Deliverable for each day of delay starting from the first delayed day to meet the respective Services Milestone and/or supply of the particular Deliverable set forth in accordance with *Annex C: Schedule of Services*; provided, however, that the total amount of penalty payable by the Contractor under this Clause 13.2 for the relevant Works, as specified according to *Annex C: Schedule of Services* shall not exceed ten percent (10%) of the total amount of the Fee for the respective Phase. In the event of failure by the Principal to pay any amount in accordance with the Clause 9 *Fee and Payment*, the Principal shall be liable to pay to the Contractor a penalty of zero point five percent (0.5%) of the amount of the amount invoiced for each day of delay to meet the payment obligation; provided, however, that the total amount of penalty payable by the Principal under this Clause 13.2 of this Agreement shall not exceed ten percent (10%) of the total amount remaining unpaid under the relevant invoice.

For the avoidance of doubt the contractual penalties shall be applied upon the sole discretion of the entitled Party under the Agreement considering the material consequences of the infringement.

- 13.3. *Compensation for Damages.* Notwithstanding of and without prejudice to any contractual penalty payable in accordance with Clause 13.2 of this Agreement and subject to the provisions of Clause 13.5 of this Agreement, in the event it is established that either Party is liable to the other Party with respect to any breach of its respective obligations under this Agreement, the liable Party shall compensate the other Party for any Damages incurred as a result of such breach, subject to the following terms:
- (a) the amount of compensation shall be limited to the amount of reasonably foreseeable Damages suffered as a result of the breach(es), but not otherwise; and
 - (b) if either Party is considered to be liable jointly with third parties to the other, the proportion of compensation payable by the liable Party shall be limited to that proportion of liability which is attributable to the breach by the liable Party.
- 13.4. *Attribution of Damages.* Any Damages suffered by either Party shall, for the purposes of Clause 13.3 of this Agreement, be reduced to the extent that the Damages are caused by or contributed to by the other Party's own negligence or breach of its obligations under this Agreement.

- 13.5. *Limitation of Liability.* Notwithstanding anything to the contrary set forth in this Agreement, in no circumstances shall the Contractor or the Principal be liable to one another for any loss of production, loss of profit, loss of revenue, loss of contract, liability incurred under other agreements or any indirect or consequential loss arising out of or in connection with this Agreement. The Contractor's total liability for the Works carried out under this Agreement shall in no circumstances exceed twice (2) the amount of the total value of the Agreement as per Clause 9.1.

14. Insurance

- 14.1. *Professional civil liability insurance.* The Contractor shall insure its general liability for any loss, damages or omission caused to the public/third parties by the Contractor (the "Professional civil liability insurance") applicable to all Services and Works during the term of the Agreement, as well as during the Defects Claims Period as per Clause 10.2. In case of imperative legal requirements related to specific types of insurance for the performance of Works forming a part of the Services according to the Applicable Law, the Contractor shall also provide additional insurance for these works or shall include respective extensions to Contractor's Professional civil liability insurance contract.
- 14.2. *Obligation to effect insurance.* The Contractor undertakes to effect such Professional civil liability insurance with an insurer and based on commercially reasonable terms (including reasonable exclusions), and which is compliant with the Agreement conditions and Applicable Law requirements. The aggregate value of liability of the Professional civil liability insurance and for one occurrence shall be no less than twice (2) the amount of the total value of the Agreement as per Clause 9.1 during the entire term of the Agreement. The amount of liability for each insured event shall be no less than twenty percent (20%) of the total value of the Agreement as per Clause 9.1.
- 14.3. *Submission of Insurance Certificate.* Within twenty (20) days following the Effective Date, the Contractor shall submit to the Principal the Professional Civil Liability insurance certificate with the insurer's confirmation regarding full coverage and validity of such Professional civil liability insurance. The Contractor shall maintain the Professional Civil Liability insurance in force as long as it is necessary to accomplish any obligations according to this Agreement. In addition, the Contractor shall provide not less than five (5) Working Days prior written notice to the Principal of any cancellation or material reduction in the Professional Civil Liability insurance policy. The Contractor is obliged to submit to the Principal documents as per Clause 14.4 certifying the renewal or the issuance of a new Professional civil liability insurance policy compliant with the Agreement terms within five (5) Working Days before the date of expiry of the previous Professional civil liability insurance contract.
- 14.4. Together with the document indicated in Clause 14.3 of this Agreement and within the term as set under Clause 14.3 the Contractor shall submit to the Principal payment evidences certifying payment for the particular insurance.
- 14.5. *Coverage of the Insurance.* The Professional Civil Liability insurance policy shall be extended to cover the Contractor (in case of a group of suppliers – each member), its employees and Sub-Contractors Services and additional Services, as the case may be, under this Agreement.
- 14.6. The Professional civil liability insurance policy must provide for no less than twelve (12) month extended reporting period as of the date of completion of all Services by Contractor as confirmed by the Principal by the issuance of the Deed of Acceptance. The extended reporting period shall cover claims arising out of or in relation to an act or omission of the Contractor, its employees and Sub-Contractors occurring during the term of the Agreement, provided that the claim is reported by the Principal within the extended reporting period.
- 14.7. In each and every case of a renewed Professional Civil Liability insurance policy, the coverage must be continuous and must be inclusive of all periods from the Commencement Date to the issuance of a renewed insurance policy. It is the Contractor's obligation to constantly and proactively monitor the validity of the Professional Civil Liability insurance policy coverage and carry out all the necessary activities in order to ensure full Professional Civil Liability insurance policy coverage as per the Agreement's conditions.
- 14.8. The Professional Civil Liability insurance shall be taken out with an insurance company (re-insurance company), or financial institution, which is entitled to issue insurance policies, and which has (individually or as a part of a group of companies, or where the company having substantial participation in the respective insurance company (re-insurance company), bank or financial institution) has obtained a required minimum rating of BB+ (or equivalent) in accordance with Standard & Poor's rating, Fitch's rating or Moody's rating. The Principal has the right to request a replacement of the insurer in case the rating falls below the required minimum. The insurer shall be registered within the European Economic Area.
- 14.9. *Adjustments to the Insurance.* At the Contractor's request and to comply with fair market practice the above terms for to the Professional Civil Liability Insurance may be further adjusted with the Principal's consent, upon the sole discretion of the Principal, to the extent the adjustment would not alter the substance and the objective of the above terms.

15. Force Majeure

- 15.1. *Effects of Force Majeure.* Subject to the requirements set forth in accordance with Clauses 15.2 and 15.3 of this Agreement, each Party shall be relieved from liability for non-performance of its obligations under this Agreement to the extent that the Party is not able to perform such obligations due to a Force Majeure Event.
- 15.2. *Action on Becoming Aware of Force Majeure.* Each Party shall at all times, following the occurrence of a Force Majeure Event:
- (a) take reasonable steps to prevent and mitigate the consequences of such an event upon the performance of its obligations under this Agreement, resume performance of its obligations affected by the Force Majeure Event as soon as practicable and use reasonable endeavours in accordance with Good Industry Practice to remedy its failure to perform; and
 - (b) not be relieved from liability under this Agreement to the extent that it is not able to perform, or has not in fact performed, its obligations under this Agreement due to any failure to comply with its obligations under Clause 15.2(a) of this Agreement.
- 15.3. *Notification Requirements.* Upon the occurrence of a Force Majeure Event, the affected Party shall notify the other Party as soon as reasonably practicable and in any event within ten (10) Working Days of it becoming aware of the relevant Force Majeure Event. Such notification shall give sufficient details to identify the particular event claimed to be a Force Majeure Event and shall contain detailed information relating to the failure to perform (or delay in performing), including the date of occurrence of the Force Majeure Event, the effect of the Force Majeure Event on the ability of the affected Party to perform, the action being taken in accordance with Clause 15.2(a) of this Agreement and an estimate of the period of time required to overcome the Force Majeure Event. The affected Party shall provide the other Party with any further information it receives or becomes aware of which relates to the Force Majeure Event and provide an update on the estimate of the period of time required to overcome its effects.
- 15.4. *Notification of Resumed Performance.* The affected Party shall notify the other Party as soon as practicable once the performance of its affected obligations can be resumed (performance to continue on the terms existing immediately prior to the occurrence of the Force Majeure Event).
- 15.5. *Mitigation of Effects of Force Majeure.* As soon as practicable after the notification specified pursuant to Clause 15.3 of this Agreement, the Parties shall use reasonable endeavours to agree appropriate terms or modifications to the Services to mitigate the effects of the Force Majeure Event and to facilitate the continued performance of this Agreement.

16. Confidentiality

- 16.1. *Confidential Information.* "Confidential Information" means all information of a confidential nature relating to the Principal and its affiliates which is supplied by the Principal (whether before or after the date of this Agreement) to the Contractor, either in writing, orally or in any other form and includes all analyses, compilations, deeds, studies, memoranda and other documents and information which contain or otherwise reflect or are derived from such information, but excludes information which:
- (a) the Principal confirms in writing that it is not required to be treated as confidential; or
 - (b) the Contractor can show that the Confidential Information was in its possession or known to it (by being in its use or being recorded in its files or computers or other recording media) prior to receipt from the Principal and was not previously acquired by the Contractor from the Principal under an obligation of confidence; or
 - (c) was developed by or for the Contractor at any time independently of this Agreement.
- 16.2. *Undertakings with Respect to Confidential Information.* Subject to Clauses 16.1 and 16.3, the Contractor shall:
- (a) at all times keep confidential all Confidential Information received by it and shall not disclose such Confidential Information to any other Person; and
 - (b) procure that its affiliates, Approved Sub-contractors and their respective officers, employees and agents shall keep confidential and not disclose to any Person any Confidential Information except with the prior written consent of the Party to which such Confidential Information relates.
- 16.3. *Permitted Disclosure.* Notwithstanding anything to the contrary set forth in accordance with Clauses 16.1 and 16.2 of this Agreement, the Contractor shall, without the prior written consent of the Principal, be entitled to disclose Confidential Information:

- (a) that is reasonably required by the Contractor in the performance of its obligations pursuant to this Agreement, including the disclosure of any Confidential Information to any employee, contractor, agent, officer, Sub-Contractor (of any tier) or adviser to the extent necessary to enable the Contractor to perform its obligations under this Agreement;
 - (b) to enable a determination to be made pursuant to Clause 18 (*On-the-spot-visits*);
 - (c) to its lenders or their professional advisers, any rating agencies, or its insurance advisers but only to the extent reasonably necessary to enable a decision to be taken on the proposal;
 - (d) to the extent required by Applicable Law or pursuant to an order of any court of competent jurisdiction, any statutory obligation or the legally binding rules of any stock exchange or governmental or National Regulatory Authority; or
 - (e) to the extent Confidential Information has become available to the public other than as a result of any breach of an obligation of confidence provided that any such disclosure is made in good faith.
- 16.4. *Survival of Obligations.* The obligations of the Parties under this Clause shall survive for a period of no less than five (5) years following the day of expiry or termination of all and any of the obligations under this Agreement.
- 16.5. *Obligation of Confidentiality Applicable to Recipients of Confidential Information.* Whenever disclosure is permitted to be made pursuant to Clauses 16.3(a) or (c), the Contractor shall require that the recipient of Confidential Information to be subject to the same obligation of confidentiality as that contained in this Agreement.
- 16.6. *Certain Obligations on Termination of Agreement.* If this Agreement is terminated for whatsoever reason, the Contractor shall:
- (a) return to the Principal all of the Confidential Information within the possession or control of the Contractor; or
 - (b) destroy such Confidential Information using a secure and confidential method of destruction.
- 16.7. *No Press Release by the Contractor.* Save as required by Applicable Law, the Contractor shall not issue any press release in relation to the matters contemplated under this Agreement without the prior written consent of the Principal (such consent not to be unreasonably withheld or delayed) as to both the content and the timing of the issue of the press release.
- 16.8. *Right to Publish.* For the avoidance of any doubt, the Principal shall have the right to publish any of the documents, information or data provided by the Contractor to the Principal during provision of the Services.
- 16.9. *Remedies.* The Parties acknowledge and agree that a breach of the provisions of this Clause 16 may cause to the owner of Confidential Information to suffer irreparable Damages that could not be adequately remedied by an action at law. Accordingly, the Contractor agrees that the owner of Confidential Information that is disclosed in breach of Clauses 16.2, 16.4, 16.5 or 16.7 may be entitled to any other remedy, including, inter alia, damages and injunctive relief, awarded by a court of competent jurisdiction.

17. Right to Audit

- 17.1. *Right to Audit.* Notwithstanding anything to the contrary set forth in this Agreement including, the Principal itself, a reputable outside independent body or expert engaged and authorised by the Principal shall be entitled to inspect and/or audit the Contractor to ensure compliance with the terms of this Agreement, including inspecting and/or auditing:
- (a) the performance of any aspect of the Services; and/or
 - (b) any documentation, including all payrolls, accounts of the Contractor and/or other records used in or related to the performance of the Services.
- 17.2. *Obligation to Assist.* The Contractor shall provide all reasonable assistance to the Principal or the independent body authorised by the Principal, as the case may be, in carrying out any inspection or audit pursuant to this Right to Audit. The Principal shall be responsible for its own costs, or the costs incurred by the outside independent body designated by the Principal, incurred toward carrying out such inspection or audit, unless, in the case of any such audit, that audit reveals that the Contractor is not compliant with the terms of this Agreement, in which case the Contractor shall reimburse the Principal for all of its additional reasonable costs incurred, provided such non-compliance is material.

- 17.3. *Survival of Termination.* The rights and obligations set forth in accordance with this Clause 17 shall survive expiration or termination of this Agreement for any reason and shall continue to apply during five (5) years following expiration or termination of this Agreement for any reason whatsoever.

18. On-the-spot-visits

- 18.1. *Right to perform on-the-spot visits.* By submitting a written notice five (5) Working Days in advance, but at the same time reserving the right of an unannounced on-the-spot visit without an advance notice, the Principal may carry out on-the-spot visits to the sites and premises where the activities implemented within the Agreement are or were carried out.
- 18.2. *Personnel involved.* On-the-spot visits may be carried out either directly by authorised staff or representatives of the Principal or by any other outside body or third party authorised to do so on behalf of the Principal. Information provided and collected in the framework of on-the-spot visits shall be treated as confidential. The Principal shall ensure that any authorised outside body or third party shall be bound by the same confidentiality obligations.
- 18.3. *Access to the information.* Contractor shall provide to the performer of the on-the-spot visit access to all the information and documents, including information and documents in electronic format, which is requested by the authorised staff of the performer of the on-the-spot visit for the performance of an on-the-spot visit and which relates to the implementation of the Agreement, as well as shall allow the authorised staff of the performer of the on-the-spot visit the copying of the information and documents, with due respect to the confidentiality obligation.
- 18.4. *Checks and Inspections.* By virtue of Council Regulation (Euratom, EC) No 2185/96 of 11 November 1996 concerning on-the-spot checks and inspections carried out by the Commission in order to protect the European Communities' financial interests against fraud and other irregularities, Regulation (EU, Euratom) No 883/2013 of the European Parliament and the Council of 11 September 2013 concerning investigations conducted by the European Anti-Fraud Office (OLAF) and repealing Regulation (EC) No 1073/1999 of the European Parliament and of the Council and Council Regulation (Euratom) No 1074/1999 and other legislation and documentation relating to European Union grant awarding and subsequent monitoring processes, the European Commission; the European Anti-Fraud Office; the European Climate, Infrastructure and Environment Executive Agency; the European Court of Auditors and other European Union institutions and bodies might perform checks, reviews, audits and investigations towards Contractor in case such activities are related to the use of grants awarded.

19. Governing Law and Resolution of Disputes

- 19.1. *Governing Law.* This Agreement shall be governed by and construed in accordance with laws of the Republic of Latvia.
- 19.2. *Resolution by Amicable Means.* The Parties shall first attempt to settle any dispute, controversy or claim arising out of or relating to this Agreement through good faith debate, discussion, and negotiating prior to submitting them to mediation or other legal proceeding.
- 19.3. *Venue for Resolution of Disputes.* Should the Parties fail to agree by means of amicable negotiations within the time period of two (2) months from the date of serving of the respective written complaint to the other Party, the Parties shall submit all their disputes arising out of or in connection with this Agreement to the exclusive jurisdiction of the courts of the Republic of Latvia. The Parties hereby represent and warrant that the English language is understandable for all Parties in accordance with Article 8(1)(a) of the Regulation (EC) No 1393/2007 of the European Parliament and of the Council of 13 November 2007 on the service in the Member States of judicial and extrajudicial documents in civil or commercial matters (service of documents) and repealing Council Regulation (EC) No 1348/2000.

20. Miscellaneous provisions

- 20.1. *Capacity.* Each Party warrants to the other Party that it has full power to enter into and perform this Agreement, and the person signing this Agreement on its behalf has been duly authorised and empowered to enter into such agreement. Each Party further acknowledges that it has read this Agreement, understands it and agrees to be bound by it.
- 20.2. *Conflict of Interest, Corruption and Fraud.* Notwithstanding any penalties that may be enforced against the Contractor under Applicable Law, or the laws of other jurisdiction(s), the Contractor shall be deemed to have committed a breach under this Agreement and the Principal shall be entitled to terminate this Agreement immediately and without any regard to the provisions of Clause 12.2 of this Agreement, if it is shown that the Contractor is guilty of:

- (a) offering, giving, receiving or soliciting anything of value with a view to influencing the behaviour or action of anyone, whether a public official or otherwise, directly or indirectly in the selection process or in the conduct of the Agreement; or
- (b) misrepresentation of facts in order to influence a selection process or the execution of a contract to the detriment of the Principal, including the use of collusive practices intended to stifle or reduce the benefits of free and open competition.
- 20.3. *Notices.* Notices under the Agreement shall be in writing and will take effect from receipt by the Party to which the notice is addressed. Delivery can be made by hand, by post, or by e-mail. Notice shall be deemed to be received on the next working day after the Commencement Notice is sent via e-mail or on the day following the 7 (seven) working days after the Notice have been handed over to the post.
- 20.4. *Relationship of the Parties.* The relationship between the Contractor and the Principal under this Agreement is that of independent contractors. The Contractor (and the Contractor's sub-contractors) is not an employee of the Principal, is not carrying out the regular business of the Principal and is not subject to the same employment regulations as are applicable to employees of the Principal. Each of the Parties shall be solely and entirely responsible for their own acts and the acts of their employees. No benefits, special considerations, or employer/employee-type provisions are provided by the Principal to the Contractor, the Contractor's employees, or the Contractor's consultants, or the employees of such consultants.
- 20.5. *Severability.* If any provision of this Agreement shall become illegal, invalid, void or unenforceable under the Applicable *Laws*, the legality, validity and enforceability of the remainder of this Agreement shall not be affected, and the legality, validity and enforceability of the whole of this Agreement shall not be affected.
- 20.6. *Successors and Assigns.* The Principal and the Contractor each bind themselves, their successors, legal representatives, and assigns to the other Parties to this Agreement and to the partners, successors, legal representatives and assigns of such other Parties in respect to all covenants of this Agreement. Neither Party shall assign or transfer its respective interest in the Agreement without written consent of the other Parties except for the cases provided under Clause 20.7 (Permitted Assignment).
- 20.7. *Permitted Assignment.* The Parties hereby acknowledge and agree that the Principal is entitled to assign any rights and liabilities, including any present or future ownership rights on property acquired or confirmed upon it as the result of the execution of this Agreement to the Beneficiaries or any other party designated by the Beneficiary or Beneficiaries.
- 20.8. *Amendments and Variations.* No amendment or variation of this Agreement shall be effective unless made in writing and signed by duly authorised representatives of all Parties, if not provided otherwise herein. The Agreement can be amended in compliance with the provisions of Article 61 of the Public Procurement Law of the Republic of Latvia.
- 20.9. *Entire Agreement.* This Agreement, and the Annexes hereto, constitutes the entire agreement between the Parties relating to the subject matter hereof and supersedes and extinguishes all and any prior drafts, undertakings, representations, warranties and arrangements of any nature, whether in writing or oral, relating to such subject matter.
- 20.10. *Execution.* This Agreement is prepared and is executed as an electronic document.

Signed by:

For and on behalf of the Principal:
Member of the Management Board

For and on behalf of the Contractor:
Board Member

Emilien Leonard Nicolas Dang

Aigars Ansbergs

THIS AGREEMENT IS SIGNED WITH SECURE ELECTRONIC SIGNATURES AND CONTAINS A TIMESTAMP

Annex A: Definitions and common terms

The following capitalised terms shall be ascribed the following meaning for the purposes of the Agreement:

1. "Agreement", this Agreement, together with all Annexes thereto.
2. "Applicable Law" or "Law", any legislative act, regulation, decree, order, ordinance, statute, treaty, directive, judgment, or other legislative measure. For the avoidance of any doubt, these terms shall include, but not be limited to, any legislative act or directive relevant to public procurement and provision of the Services as applicable within the territory of the provision of the Services.
3. "Approved Staff", any person or organization listed pursuant to *Annex D: List of approved Sub-Contractors and Staff*, which is in a contractual relationship with the Contractor to provide a part of the Services.
4. "Approved Sub-Contractor", any person or organisation listed pursuant to *Annex D: List of approved Sub-Contractors and Staff*, which is in a contractual relationship with the Contractor to provide a part of the Services.
5. "Beneficiary" or the "Beneficiaries", the Ministry of Economic Affairs and Communications of the Republic of Estonia, Ministry of Transport of the Republic of Latvia and Ministry of Transport and Communications of the Republic of Lithuania.
6. "Commencement Date", the date of the Deed of Commencement signed by the Principal as per Commencement Notice 2.
7. "Commencement Notice", as mentioned under Clause 3.1 of the Agreement and substantially in the form of *Annex J: Commencement Notice*.
8. "Completion Date", as defined in accordance with Clause 10.4 and 10.5 of this Agreement, as appropriate.
9. "Confidential Information", as defined in accordance with Clause 16.1 of this Agreement.
10. "Contractor", [●] the company [as further specified in the Preamble of this Agreement, which is employed by the Principal as an independent professional contractor to perform the Services.
11. "Costs", direct costs reasonably incurred in relation to the Project. Specifically, the Cost shall include any of the following:
 - (i) costs of all materials and supplies forming part of the Services, including transportation and storage expenses (discounts for cash or prompt payments will not reduce these costs);
 - (ii) salaries and payroll expenses of employees and other personnel, as well as management costs of the Contractor;
 - (iii) payments to the Approved Sub-contractors for Works relating to the Services;
 - (iv) costs of all employee benefits and taxes, including social security and similar contributions, and other benefits attributable to the employment;
 - (v) costs, including logistics, loading / unloading and maintenance of equipment and tools;
 - (vi) payments for rental charges for machinery, equipment, facilities and tools used in connection with the Services, and payments for installations, repairs, replacements, dismantling, removal, lubrication, transportation and delivery of those rental items;
 - (vii) other transportation costs incurred in connection with the Services;
 - (viii) that portion attributable to this Agreement of premiums for insurance that is required by this Agreement (if applicable) or by law to be obtained or maintained by the Contractor;
 - (ix) Any taxes or fees related to the Services, imposed by any governmental or local authority;
 - (x) costs of telecommunications and internet services attributable to the Services;
 - (xi) costs of any data processing services used in connection with the performance of the Work required under this Agreement; and
 - (xii) losses and expenses, not compensated by insurance, sustained by the Contractor in connection with the Works under this Agreement (if applicable), provided they resulted from causes other than the fault or neglect of the Contractor.

12. "Corrective Period", as defined in accordance with Clause 12.2 of this Agreement.
13. "Cure Period", as defined in accordance with Clause 10.1 of this Agreement.
14. "Damages", any cost, claim, damage, demand, loss, expense or liability incurred by the relevant Party or Person.
15. "Deed of Acceptance", as defined under Clause 10.2 of the Agreement and substantially in the form as provided in *Annex E: Deed of Acceptance*.
16. "Defect", is a part of the Services which is not in accordance with the *Annex B: Technical Specification* and/or the *Annex G: Contractor's Proposal*, and/or the Applicable Law and/or Good Industry Practice.
17. "Deliverable", any information, notes, material, drawings, records, reports, documents and/or other items which the Contractor is required to deliver to the Principal as part of the Services, as further specified pursuant to *Annex C: Schedule of Services*.
18. "Design", the detailed scope defined under *Annex B: Technical Specification*.
19. "Documentation", all records, correspondence, and files of the Contractor, its employees, engineers, and consultants pertaining to the Project.
20. "Effective Date", the date when the Agreement is signed by the Principal, the Beneficiary and the Contractor as indicated in the Preamble to this Agreement.
21. "EUR", and "euro", the official currency of the eurozone, officially known as the euro area.
22. "Final Location Design", the final Deliverable under the present Procurement in accordance with *Annex B: Technical Specification* and corresponds to the definition of Geodetic Reference Network Design for infrastructure construction sites according to the Applicable Laws on Geodetic Network establishment.
23. "Fee", as specified in accordance with Clause 9.2 of the Agreement.
24. "Force Majeure Event", any of the following events:
 - (i) an act of the public enemy or war (declared or undeclared), threat of war, revolution, riot, insurrection, civil commotion, demonstration or sabotage;
 - (ii) an act of vandalism or accidental damage or destruction of machinery, equipment, track or other infrastructure;
 - (iii) a natural disaster or phenomena, including extreme weather or environmental conditions (such as lightning, earthquake, hurricane, storm, fire, flood, drought or accumulation of snow or ice);
 - (iv) nuclear, chemical or biological contamination;
 - (v) strike, lockout or other industrial action other than involving the Contractor, the Principal or the Beneficiary.
25. "Geodetic Network Point", existing (national) and new CP0 geodetic network points to be investigated, designed, re-constructed and installed as part of the RB Geodetic Reference Network (CP0) in accordance with the Applicable Laws and *Annex B: Technical Specification*.
26. "Good Industry Practice", in relation to the performance of any activity to which this standard is applied, the exercise of that degree of skill, diligence, prudence and foresight as would reasonably be expected to be exercised by a properly qualified and competent person engaged in carrying out the Work, Services or services of a similar size, nature, scope, type and complexity, complying with Applicable Law, applicable Standards and published codes of practice.
27. "Intellectual Property", all intellectual property rights in any part of the world in respect of any documentation or information provided by the Contractor to the Beneficiary, including any patent, patent application, trade mark, trade mark application, registered design, registered design application, utility model, trade name, discovery, invention, process, formula, specification, copyright (including all neighbouring rights, rights in computer software and database and topography rights), know how or unregistered design right.
28. "Intellectual Property of the Contractor", all Intellectual Property owned or licensed to the Contractor with a right to sub-license.
29. "Objection Notice", as defined in accordance with Clause 10.4 of this Agreement.

30. "Party" and "Parties", the Principal, the Beneficiary and the Contractor and include their respective successors in title, permitted assigns and permitted transferees.
31. "Person", shall include any natural person, company, corporate body, government, state or agency of a state or any association or partnership (whether or not having separate legal personality) or two or more of the foregoing.
32. "Project", development of a 1435 mm standard gauge railway line in the Rail Baltica (RB) corridor through Estonia, Latvia and Lithuania aimed at eliminating the technical bottleneck due to the gauge differences (1,520 mm vs. the EU standard of 1,435 mm).
33. "Principal", RB Rail AS as specified in the Preamble of this Agreement.
34. "Railway", a new fast conventional double track electrified railway line according TSI INF P2-F1 criteria and European standard gauge (1435 mm) on the Route.
35. "National Regulatory Authority", the competent institution or body with the authority granted under the Applicable Law or regulations to act and issue binding rulings within the subject matter.
36. "Representative", an officer, employee or individual appointed by the Contractor and/or the Principal to serve as its authorised representative toward the supply or receipt of the Service and indicated under *Annex H: Representatives*.
37. "Right of Partial Acceptance", as defined in accordance with Clause 12.7 of this Agreement;
38. "Services", the joint Rail Baltica chainage and Geodetic reference network Investigation study and Location Design as provided under this Agreement and further described under *Annex B: Technical Specification*;
39. "Services Milestone", the date for delivery of one or more Deliverables, as set out in the *Annex B: Technical Specification* and *Annex C: Schedule of Services*;
40. "VAT", value added tax.
41. "Variations", a variation to the Agreement or any part thereof mentioned in Clause 5.1.
42. "Working Day", any day (other than Saturday or Sunday) on which banks in the Republic of Latvia are open for conduct of business.
43. "Works", all incidental works, steps and actions performed by the Contractor for the attainment of the objectives of the Services and/or the Project.

Annex B: Technical Specification**TECHNICAL SPECIFICATION****JOINT RAIL BALTICA CHAINAGE AND GEODETIC REFERENCE NETWORK DEVELOPMENT STUDY**

Revision:	1.0
Author:	VDC
Date:	07.06.2023



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1.0	16.05.2023	Rait Leppik Georgios Papastamos	First issue	

ACRONYMS AND ABBREVIATIONS

In this document where the context admits, the following words shall have the meaning assigned to them hereafter:

Table 1: Acronyms and Abbreviations

Abbreviation	Definition
CAD	Computer Aided Design
CDE	Common Data Environment
CPO	RB Geodetic Reference Network (Level 0)
GIR	Ground Investigation Report
ICD	Interface Control Document
MoM	Minutes of Meeting
PWDM	ProjectWise Deliverables Management
RAMS	Reliability, Availability, Maintainability and Safety
RBR	RB Rail AS.
RFI	Request for Information
TS	Technical Specification
TWG	Technical Working Group

DEFINITIONS

The following terms are used throughout this document:

Table 2: Terms and Definitions

Term	Definition
Affected parties	Project external stakeholders – State institutions, local government bodies, public and/or private enterprises, legal or private entities (persons) representing the owners and/or managers of the assets (networks and/or objects of power supply, gas, oil, water, drainage etc.) that are linked to the designed layout of Rail Baltica railway line and shall be consulted during the provision of Design Services.
Assessment Body	The independent and competent external or internal individual, organization or entity which undertakes investigation to provide a judgement, based on evidence, of the suitability of a system to fulfil its safety requirements.
Building permit	Construction permit issued by state authorities based on national construction legislation.
Client	RB Rail AS, a joint stock company registered in the Latvian Commercial Register under registration No 40103845025, legal address at Satekles iela 2B, Riga, LV-1050, Latvia (the “Principal”).
Contractor	Service provider awarded with an Agreement to conduct the Services specified in the present Technical Specification and Agreement. Contractor fully covers fulfilment of all requirements, duties, rights and responsibilities of Contractor and Investigator in accordance with national legislation and shall be certified/licensed in the country to provide the Services.
Final Location Design	Corresponds to definition of Geodetic Reference Network Design for Infrastructure construction sites and according to the Law of the Republic of Estonia/Latvia or Lithuania on Geodetic Network establishment.
Design Guidelines	Set of predefined and standardized technically and economically justified engineering and design solutions for Rail Baltica infrastructure to be applied at design, construction, and operation phases of Rail Baltica Railway, which forms an integral part of this Technical Specification. The Design guidelines may be changed by the Client therefore the Agreement always refers to the most current version of the Design guidelines.
Design Priority Section	Part of Design Section identified as separate Rail Baltica railway line section for planning of the Design Services, construction and management purposes.
Design Section	Section of overall Rail Baltica railway line falling under the scope of the Services.
Design Services	Corresponds to all Rail Baltica Design and Design Supervision Services under the Agreement.
Environmental Impact Assessment	Assessment of the significant effects of a project or development proposal on the environment.
Global Project	All the activities undertaken by the Rail Baltica railway implementing parties to build, render operational and commercialize the Rail Baltica railway and related railway infrastructure in accordance with the agreed route, technical parameters and time schedule.
National Geodetic Network	Geodetic Network Points, which is owned by National Institutions and will be selectively part of RB Geodetic Reference Network. The amount of selected points will be defined after Investigation phase.
National Institutions	Local government bodies and/or public enterprises, who are owners of the National Geodetic Network and provide official geodetic information for existing National Geodetic Network.

Pre-design	Design prepared by Client with pre-defined locations of new Geodetic Reference Network points and with selected existing National Geodetic Network points.
Rail Baltica railway	A new fast conventional double track electrified standard gauge (1435 mm) railway line on the route from Tallinn through Pärnu - Riga - Panevėžys - Kaunas.
Railway infrastructure	Correspond to the Directive 2012/34/EU of the European Parliament and of the Council of 21 November 2012 establishing a single European railway area (recast), as well as it includes freight and passenger terminals and infrastructure and rolling stock maintenance facilities and the ground underneath them and the airspace above them to the extent that the national legislation permits the ownership of the ground and the airspace.
Railway station	Part of a railway containing necessary sidings and necessary equipment, which allows to perform train traffic organization (change of direction, overtaking, crossing) and commercial (passenger exchange, freight operations, etc.) operations. The border of a railway station is a station border (an entry signal or a border sign).
RB Geodetic Reference Network (CP0)	Rail Baltica Level 0 (CP0) Geodetic Network, which is include selected National Geodetic Network points and additionally installed geodetic points. The final amount of Level 0 points will be defined after approved Location Design Phase.
Reliability, Availability, Maintainability and Safety	As per RAMS requirements and RAMS methods, the obligatoriness Directives, Regulations and Standards following the Directives (EU) 2016/797 and Regulation (EU) 2013/402, the standard EN50126-1, Rail Baltica RAMS Design Guidelines and procedures.
Urban Node	Means part of the railway located in an urban environment in an urban node usually having one or more Local Facilities. For Rail Baltic / Rail Baltica railway there are three urban nodes – Riga (LV), Tallinn (EE), Vilnius (LT) which are listed in regulation 1315/2013 and Kaunas (LT). Railway Urban Node Section borders are defined considering their functionality.
Work Breakdown Structure	A hierarchical framework for organizing and ordering activities that make up the entire scope of Design services. It covers all project scope and breaks down into unique manageable parts that correspond to key deliverables, phases of work, and milestones. They are product (deliverable-based) structures that provide a common frame of reference for managing and reporting project elements (e.g., estimating, scheduling, etc.) to stakeholders.
Work Package	The work and services defined at the lowest level of the work breakdown structure.

General

1.1. Introduction

The Baltic countries Estonia, Latvia and Lithuania have historically been linked to the east-west railway transport axis using the 1520 mm gauge railway system. Because of the existing historical and technical constraints, the existing rail system is incompatible with mainland European standards, thus there is a consensus that Estonia, Latvia, and Lithuania need to be fully integrated into the wider European rail transport system. Currently there is no efficient 1435 mm railway connection along the Warsaw - Kaunas - Riga - Tallinn axis, i.e., there are missing links or significant bottlenecks. Thus, there are no direct passenger or freight services along the railway axis as the existing infrastructure does not allow for competitive services compared to alternative modes of transport. Thus, most of the North-South freight is being transported by road transport and the overall accessibility in the region is low.

Rail Baltica is already designed to become a part of the EU TEN-T North Sea – Baltic Core Network Corridor, which links Europe’s largest ports of Rotterdam, Hamburg, and Antwerp – through the Netherlands, Belgium, Germany and Poland – with the three Baltic States, further connecting to Finland via the Gulf of Finland short sea shipping connections with a future fixed link possibility between Tallinn and Helsinki.

The contracting authority RB Rail AS (“RBR”) was established by the Republics of Estonia, Latvia, and Lithuania, via state-owned holding companies, to coordinate the development and construction of the fast-conventional standard gauge railway line on the North Sea – Baltic TEN-T Core Network Corridor (Rail Baltica II) linking three Baltic states with Poland and the rest of the EU.

The shareholders structure of RBR is presented in Figure 1.

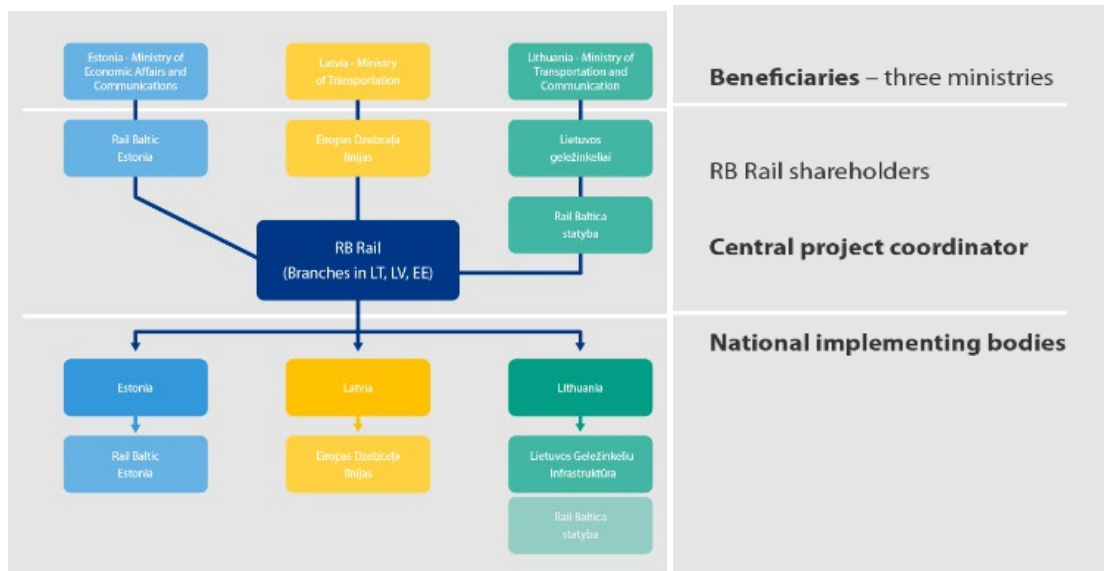
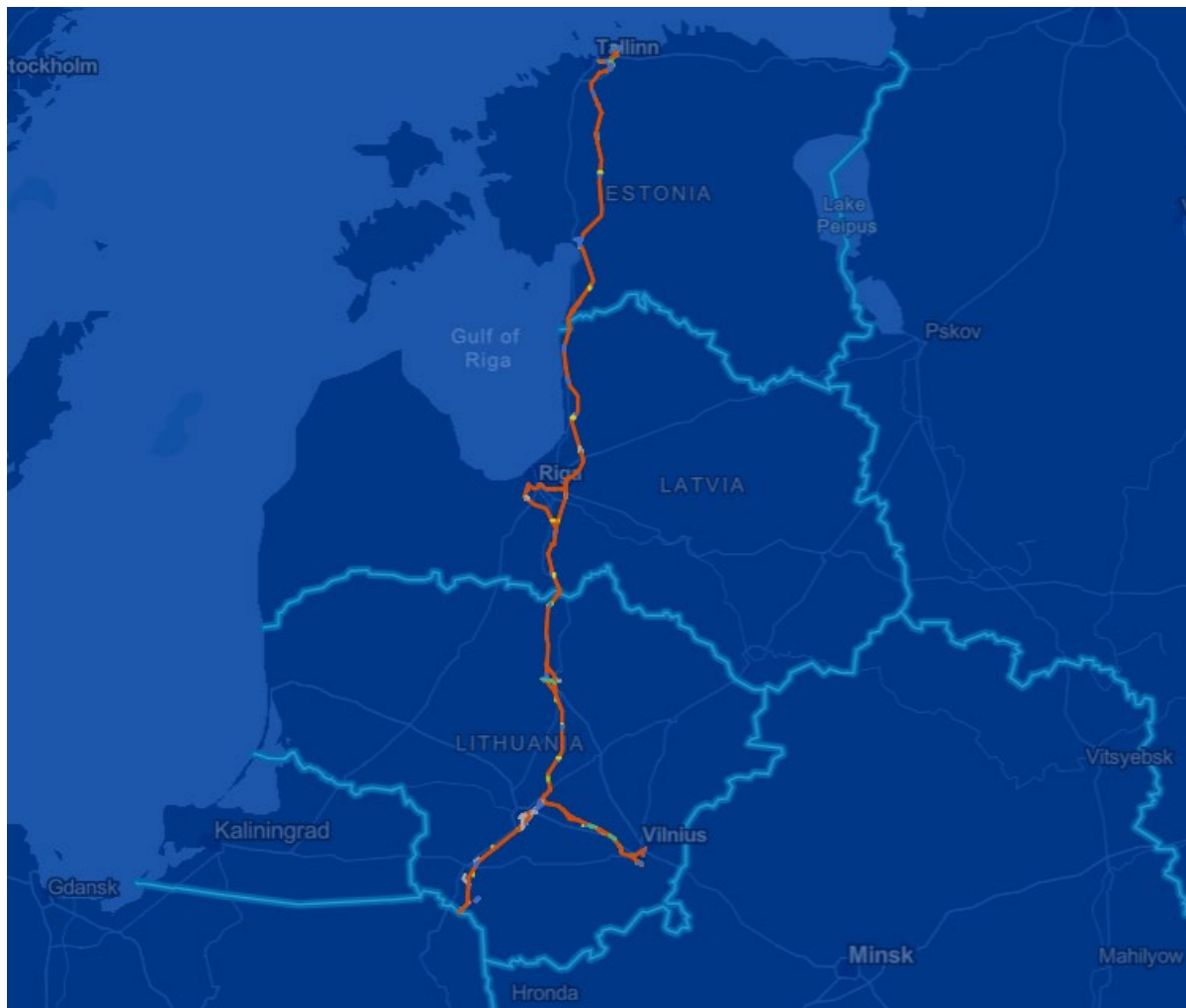


Figure 1: The shareholders’ structure

Rail Baltica is a joint project of three EU Member States – Estonia, Latvia, and Lithuania – and concerns the building of a fast conventional double track 1435 mm gauge electrified railway line on the route from Tallinn through Pärnu (EE), Riga (LV), Riga International Airport (LV), Panevėžys (LT), Kaunas (LT) (see map 1, page 8).

The expected core outcome of the Rail Baltica project is a European gauge (1435mm) double-track railway line of 870km in length meant for both passenger and freight transport and the required additional infrastructure (to ensure full operability of the railway). It will be interoperable with the TEN-T Network in the rest of Europe and competitive in terms of quality with other modes of transport in the region.



Drawing 1: Rail Baltica high-speed railway alignment overview (<http://www.railbaltica.org/>)

1.

Further information is available in <http://www.railbaltica.org/>

1.2. Legal references

The Contractor shall follow EU directives, all national construction and other legislation, EU standards, Country-specific legislation/standards/rules, and other legal acts applicable for the provision of the Design Services. Main applicable legal acts (non-exhaustive list) are provided below²:

Estonia

- Construction Law of the Republic of Estonia (Est. "Ehitusseadustik ")
<https://www.riigiteataja.ee/akt/105032015001?leiaKehtiv>
- Regulations for Geodetic works and for Geodetic Networks (Est. "Geodeetiliste tööde tegemise ja geodeetilise märgi tähistamise kord, geodeetilise märgi kaitsevööndi ulatus ning kaitsevööndis tegutsemiseks loa taotlemise kord ")
<https://www.riigiteataja.ee/akt/103072013014?leiaKehtiv>
- Country's register of legal acts
<https://www.riigiteataja.ee/en/>

² The Client is not responsible for the availability and content of the information available online (except for www.railbaltica.org website)

- On the recognition of the "Rail Baltica" project as a project of special national interest
<https://ttja.ee/en/business-client/railway/rail-baltic/preliminary-design-and-studies>

Latvia

- Construction Law of the Republic of Latvia (Lat. Noteikumi par Latvijas būvnormatīvu LBN 005-15 "Inženierizpētes noteikumi būvniecībā")
<https://likumi.lv/ta/id/275007-noteikumi-par-latvijas-buvnormativu-lbn-005-15-inzenierizpetes-noteikumi-buvnieciba>
- Regulations for Geodetic works and for Geodetic Networks (Lat. Noteikumi par Latvijas būvnormatīvu LBN 305-15 "Ģeodēziskie darbi būvniecībā")
<https://likumi.lv/ta/id/274935-noteikumi-par-latvijas-buvnormativu-lbn-305-15-geodeziskie-darbi-buvnieciba>
- Country's register of legal acts
<https://likumi.lv/>
- On the recognition of the "Rail Baltica" project as a project of special national interest
https://www.sam.gov.lv/en/projects/rail-baltica-0?utm_source=https%3A%2F%2Fstatics.teams.cdn.office.net%2F

Lithuania

- Construction Law of the Republic of Lithuania (Lith. "Lietuvos Respublikos Statybos įstatymas")
<https://e-seimas.lrs.lt/portal/legalAct/lt/TAD/TAIS.26250/asr>
- Construction Technical Regulations (Lith. "Statybos techniniai reglamentai")
<https://vtpsi.lrv.lt/lt/teisine-informacija/teises-aktai-2/statybos-techniniai-reglamentai>
- Country's register of legal acts
<https://www.e-tar.lt/portal/en/index>
- On the recognition of the "Rail Baltica" project as a project of special national interest
<https://e-seimas.lrs.lt/portal/legalAct/lt/TAD/TAIS.408298>

General

- Intergovernmental Agreement on the development of the Rail Baltic / Rail Baltica railway connection
https://www.railbaltica.org/wp-content/uploads/2017/05/Intergovernmental_Agreement_2017.pdf
- The Contracting Scheme for Rail Baltica
<https://www.railbaltica.org/wp-content/uploads/2017/05/Contracting-Scheme-Rail-Baltica-2016.jpg>

1.3. Description of services

It is within the intention of Rail Baltica to establish a unified RB Geodetic Reference Network along the RB Project's Alignment from Tallinn (EE) to Kaunas (LT) approx. 600 km. Part of this activity is to reassure or establish the physical presence of Geodetic Reference Network points at 117 selected locations (See drawing 2a/b/c and Table 1).



Drawing 2a/b/c: Pre-designed Rail Baltica Geodetic Reference Network Points (CP0) locations (a-Estonia, b-Latvia, c- Lithuania)

At those locations, it shall be investigated by the Contractor, if there are already existing National Geodetic Network points, which can be part of RB Geodetic Reference Network and report their usability. At the locations that National Geodetic Network points are not usable or do not exist, new RB Geodetic Reference Network points shall be designed, according to the requirements of this document.

Country	New RB Geodetic Reference Network Points need to design	National Geodetic Network points need to investigate
EE	4	34
LV	39	8
LT	3	29
TOTAL	46	71
	117	

Table 1. Total amount of RB Reference Geodetic Network points (CP0)

“Joint Rail Baltica chainage and Geodetic Reference Network development study” is a multi-phase geodetic activity, where current Procurement is covering following phases:

Phase 1 - Investigations of existing National Geodetic Network points and locations of new pre-designed RB Geodetic Reference Network (CP0) points for the entire length of the route, starting from Estonia/Tallinn-Muuga (EE) through Latvia (LV) until Lithuania/Kaunas (LT) approx. 600km. Results are summarized in the Interim report.

Phase 2 – Location Design of RB Geodetic Reference Network (CP0) points for the entire length of the route, starting from Estonia/Tallinn-Muuga (EE) through Latvia (LV) until Lithuania/Kaunas (LT) approx. 600km. Final Deliverable is Final Location Design of RB Geodetic Reference Network, approved by Affected parties and all relevant institutions.

Phase 1 and 2 activities are described in detail in Section 3 “Design Process and Deliverables”.

This procurement DOES NOT include further Phases, such as construction, installation and measurements of new RB Geodetic Reference Network points and the measurements with adjustment, which would be required to carry out in order to complete the RB Geodetic Reference Network.

1.4. Time schedule

1.4.1 Every Phase of current procurement until the review and approval the Final Location Design by the Client, is based on following time schedule:

Stages	Description of activity	Timeframe
1	Phase 1 - Investigations and Interim Report	5 weeks
2	Interim Report review and approval by Client	1 week
3	Phase 2 - Draft version of Location Design	4 weeks
4	Draft version review and approval by Client	1 week
5	Phase 2 - Final Location Design	4 weeks
6	Final Location Design review and approval by Client	2 weeks
TOTAL:		17 weeks

Table 2. Time schedule of current procurement Phases

1.5. National institutions

Main Country's national regulatory institutions (non-exhaustive list) as a guidance for the Contractor to consider throughout the Agreement implementation provided below:

- Estonian Land Board (Est. "Maa-amet")
- www.maaamet.ee
- Latvian Geospatial Information Agency (Latv. "Latvijas Ģeotelpiskās informācijas aģentūra")
- www.lgia.gov.lv
- Lithuanian Ministry of Environment (Lith. "Lietuvos Respublikos aplinkos ministerija")
- www.am.lrv.lt

The Contractor shall consider and follow any legal acts, rules or regulations issued by the Country's national institutions and applicable for the implementation of the Design Services and Design Supervision Services.

1.6. Affected Parties

The Contractor shall be responsible for the coordination of activities of the Design Services with Affected parties within and/or in association with the Scope of the Services. The indicative (non-exhaustive) list of Affected parties is as follows:

1. Transport infrastructure operators/owners: railways, roads, airports
2. Power transmission operators (high voltage) and power suppliers (low and medium voltage)
3. Oil/gas transmission operators
4. State/municipal institutions
5. Landowners and land managers
6. State Forest Service
7. Telecom (communication cable lines, mobile operators)

8. Fire/Rescue services and military authorities
9. Private enterprises
10. Railway authorities
11. State/municipal service companies (water supply, heat supply etc.)
12. Environmental monitoring institutions
13. Culture heritage monitoring institutions
14. Melioration and land drainage authorities and owners / managers
15. any other institutions involved in Design process.

Scope of the Services

2.1 Main Tasks

2.1.1 In accordance with the national legislation and Rail Baltica Global project requirements, the Contractor shall perform all necessary tasks to provide:

1. Location and investigation of the existence and condition of the selected National Geodetic Network points, as well as their usability. Creation of interim report with results of investigation works.
2. Selecting new National Geodetic Network point or designing new RB Geodetic Reference Network point if the existing National Geodetic Network point is not usable even after slight cleaning of surroundings (agreed with landowner) for suitable GNSS measurements or there are no National Geodetic Network points on site.
3. Creation of Location Design of Rail Baltica high-speed railway Geodetic Network and collecting all necessary permits. The location design contains of all the necessary approvals regarding the used point type, location and installation method, which is necessary for the next phases - establishment and construction of the points in the locations specified in the Location Design.

2.1.2 The Contractor shall review and analyse all references and annexes necessary for the provision of services under the Agreement.

2.1.3 The Contractor shall analyse all the requirements for design and for next phase needed for construction works, prepare and submit all necessary applications to the respective authorities for information and permits.

2.1.4 The Contractor shall undertake all necessary works for Site Investigations, including accessibility, open sky visibility obstacles, ownership of land where the new RB Geodetic Reference Network points will be designed, soil condition and suitability to guarantee stability for specific point type (if necessary, test drilling and analysis or analysis of relevant data from existing geotechnical databases) etc.

2.1.5 The Contractor shall assess existing structures and utilities (including but not limited to high / low voltage electricity lines, general gas pipelines, water supply and sewer, telecommunication lines) intersections and Technical Conditions.

2.1.6 The Contractor shall analyse existing data and implement necessary investigations of the underground utilities of the designed point location with a cable locator.

2.1.7 The Contractor shall obtain all permits, qualification certificates, licenses required to implement and complete the Final Location Design Services.

2.1.8 The Contractor shall prepare Location Design proposals for the exact location of the new Geodetic Reference Network points.

- 2.1.9 The Contractor shall cooperate with all parties involved in approval process and obtain any required approvals (from the Client, National Institutions, Affected parties, etc.) required during the design process.
- 2.1.10 If relevant and required according to national legislation, the Contractor shall apply for the necessary number of Building Permits (considering but not limited to the indicative amount of Construction Objects specified in this TS) by ensuring the provision of necessary design data in accordance with national legislation.
- 2.1.11 Of all deficiencies and errors in technical specifications, including pre-designed coordinates and other deficiencies discovered during the work or issues to receive approvals, the Contractor is obliged to inform the Client immediately.

3. Design Process and Deliverables

3.1 General Requirements

The Contractor prepares the Final Location Design of RB Geodetic Network for the entire length of the route, starting from Estonia, Tallinn/Muuga (EE) through Latvia (LV) until Lithuania/Kaunas (LT) approx. 600km.

- 3.1.1 The Contractor shall submit all Location Design Services deliverables (Final Location Design) including all data, as described in TS Requirements. All files shall be delivered in:
1. Native-editable file format (e.g. MS Word, MS Excel, AutoCAD (AutoCAD template will be provided for the Contractor after signing the Agreement), etc.) and shall include all styles and external reference, so the Client could fully re-create the drawings when needed;
 2. Non-editable file format (JPEG, PDF).
- 3.1.2 In addition, the Contractor shall submit Final Location Design deliverables to Affected parties and to National state institutions based on their individual request, which may require to provide deliverables in hard-copy format, CDs, USB sticks, combined PDFs with size limitations. The Contractor shall engage with the Client, National state institutions and Affected Parties to ensure all necessary native-editable and non-editable files are provided upon submission.

3.2 Investigations and Interim Report

The Contractor shall carry out two (2) different types of investigations.

- 3.2.1 Investigations of existing National Geodetic Network points for the entire length of the route, starting from Estonia/Tallinn-Muuga (EE) through Latvia (LV) until Lithuania/Kaunas (LT) approx. 600km.
- 3.2.1.1 All the necessary site investigations to verify the existence of existing National Geodetic Network points in the nature and their suitability for GNSS measurement and elevational measurement with levelling traverse. If by RB Rail AS proposed National Geodetic Network point is not existing or are surrounded by buildings, facilities or with dense vegetation, where the cutting/removal is not easily feasible, a new closest point must be found or, if necessary, a new location must be designed.
- 3.2.1.2 Investigations of existing national Geodetic grid and Interim Report, as part of RB Rail Geodetic Reference Network include:
- A. Physical existence of the geodetic point on site and its condition by visual check. Information about visible defects, deficiencies or other damage that may affect the further use of the mark is provided in the inspection table. Information about missing National Geodetic Network point needs to be added in the inspection table. Information about the possibility of placing the Barcode Invar Levelling Rod on the centre of the marker must also be added. The information in MS XLS and in PDF must be provided in the Interim Report and in the Final Location Design.

- B. A possible major physical location changes due to subsidence or other direct factor, checking possible gross errors (≥ 5 cm) in official coordinates using the RTK-GNSS method. Every selected National Geodetic Network point needs to be measured with 3 initializations and the arithmetic mean value and its deviation from the official coordinate in a centimetre accuracy are given in the inspection table. The information in MS XLS and in PDF must be provided in the Interim Report and in the Final Location Design.
- C. panorama of the sky plot should be prepared in order to be able to plan the possibility of carrying out GNSS-static measurements based on them. After the cut-off angle of 15 degrees, at least 70% in each quarter of the panorama must be free of obstacles. The information in DWG and in PDF format, must be provided in the Interim Report and in the Final Location Design.
- D. Photos of the existing National Geodetic Network point location (3 pcs) must be provided with Investigation report, as following:
 1. Photo of centre;
 2. A close-up Photo of point;
 3. Photo of point from a distance.

The information in JPEG and in PDF format, must be provided in the Interim Report and in the Final Location Design.

- E. The Contractor prepare Interim Report with Investigated Data, which is noted in this TS in chapter 3.2 Investigations and Interim Report.
- F. Interim Report contain Explanatory letter with description of investigation details. The information must be provided in MS Word and in PDF format.
- G. Interim Report contain overall drawing with investigated point locations. The information must be provided in AutoCAD (AutoCAD template will be provided for the Supplier after signing the Agreement) and in PDF format.
- H. Interim Report contain Table with investigated (existing) points with official and checked mean coordinates with deviations from official coordinates and existing point types. Coordinates must be provided in national (regionally in L-EST97/EH2000, LKS-92/LAS2000,5/, LKS-94/LAS07), in WGS84 (geodetic) coordinate systems and in ellipsoidal height system. The information must be provided in MS XLS and in PDF format.

3.2.2 Investigations of locations of new pre-designed RB Geodetic Reference Network (CP0) points (provided by RB RAIL AS) for the entire length of the route, starting from Estonia/Tallinn-Muuga (EE) trough Latvia (LV) until Lithuania/Kaunas (LT) approx. 600 km.

3.2.2.1 All the necessary site investigations to verify the suitability of locations of new pre-designed RB Geodetic Reference Network points in the nature and their suitability for GNSS measurement and elevational measurement with levelling traverse.

3.2.2.2 Investigations of locations of new pre-designed RB Geodetic Reference Network points include:

- I. All pre-designed locations for new Geodetic Reference Network points by RB Rail AS must be checked in nature and their suitability for static GNSS measurement and elevational measurement with levelling traverse. If needed new location have to be chosen and estimated coordinates have to be provided in centimetre accuracy. The information in MS XLS and in PDF must be provided in the Location Design and in the Final Report.
- J. A panorama of the sky plot should be prepared in order to be able to plan the possibility of carrying out GNSS-static measurements based on them. After the cut-off angle of 15 degrees, at least 70% in each quarter of the panorama must be free of obstacles. The information in DWG and in PDF format, must be provided in the Final Location Design.
- K. Photos of locations of new pre-designed RB Geodetic Reference Network points (5 pcs) as following:
 1. Photo of every main direction North/East/South/West (4pcs)

2. Photo of new location from a distance

The information in JPEG and in PDF format, must be provided in the Final Location Design.

3.3 Final Location Design

3.3.1 The Contractor shall prepare Final Location Design of RB Geodetic Reference Network for construction and installation as designated in this Technical Specification.

3.3.2 The Contractor shall prepare mandatory document(-s) and present them for Client's review and approval.

3.3.3 The Contractor shall carry all necessary tasks and procedures to get approvals from national institutions and from affected parties. This step shall include getting approvals from national Road Agencies and underground/overground utilities' managers/operators where relevant.

3.3.4 The Final Location Design contains all the necessary approvals regarding the used point type, location and installation method, which is necessary for the establishment and construction of the points in the locations specified by RB RAIL AS in the pre-design.

3.3.5 The Contractor shall carry out all necessary activities at its own cost to obtain necessary Building Permits for all Construction Objects according to the national construction legislation when or if necessary.

3.3.6 The Contractor shall be responsible for the applications to receive the Building Permits (according to applicable national law, if needed) and provision of any relevant information that may affect the performance of the work. The Contractor is obliged to consider all the comments and remarks issued by the relevant authorities during building permit review process. Implementation of changes to the design solutions according to the comments and remarks must be agreed prior with the Client. When or if necessary.

3.3.7 The Contractor shall apply the best engineering practice to optimize the design solutions and achieve the best value for cost and quality for the RB Geodetic Reference Network.

3.3.8 When necessary and possible, a protective fence and/or a simpler type of sign post must be designed. The corresponding proposal with schemes or drawings must be attached to the Final Location Design and have to be approved by the Client and Affected Parties. For Pillar-monument sign post is not necessary.

3.3.9 Final Location Design of RB Geodetic Reference Network include:

- L. Explanatory letter with description of design details. The information must be provided in MS Word and in PDF format.
- M. Overall drawing with designed point locations. The information must be provided in AutoCAD (AutoCAD template will be provided for the Supplier after signing the Agreement) and in PDF format.
- N. Table with designed (new and existing) points with new and checked coordinates and designed point types. Coordinates of existing points must be provided in national and official (regionally in L-EST97/EH2000, LKS-92/LAS2000,5/, LKS-94/LAS07), in WGS84 (geodetic) coordinate systems and in ellipsoidal height system. Coordinates for new locations have to be provided in national (L-EST97, LKS92, LKS94) and in WGS84 (geodetic) coordinate system. The information must be provided in MS XLS and in PDF format.
- O. Unique RB Geodetic Reference Network point numbering, provided by Client.
- P. All investigated Data, which is noted in this TS in chapter 3.2 Investigations.

3.3.10 The Final Location Design have to include proposals and recommendations by the Contractor on methodology for further construction/installation phase.

3.3.11 The Final Location design does not include proposals for methodology of survey.

4. Client's Review and Approval Process

4.1 Means of Verifications

- 4.1.1 The Interim Report, including results from investigations, must be approved by the Client and Affected Parties before commencement of Final Location Phase (Phase 2).
- 4.1.2 The Final Location Design, including new CP0 point locations, types, used materials, recommendations and proposals for construction and installation methodologies must be approved by the Client and Affected Parties.

4.2 Confidentiality / Security Clause

- 4.2.1 Please note, the document (attached file, document folder) contains limited access information.
- 4.2.2 Limited access information intended for a limited number of persons for the purpose of fulfilling the assigned professional duties and tasks and disclosure or loss whereof due to the nature or content of such information impedes or could impede the functioning of RBR, related companies thereof or another institution involved in the fulfilment of the tasks of Global Project or/and state administration, becomes detrimental or could become detrimental to the legitimate interests of persons.
- 4.2.3 Please follow the "need to know" principle in respect of handling limited information and circulation of documents of limited accessibility, i.e., limited information for work purposes is received and used only by the employee to whom it concerns.
- 4.2.4 Dissemination of information without the written permission of joint venture company RBR is not allowed.

5. Annexes

Annex1. Detailed Technical Descriptions of CP0 point types and installation methodologies

Point type nb. 1. Pillar-monument

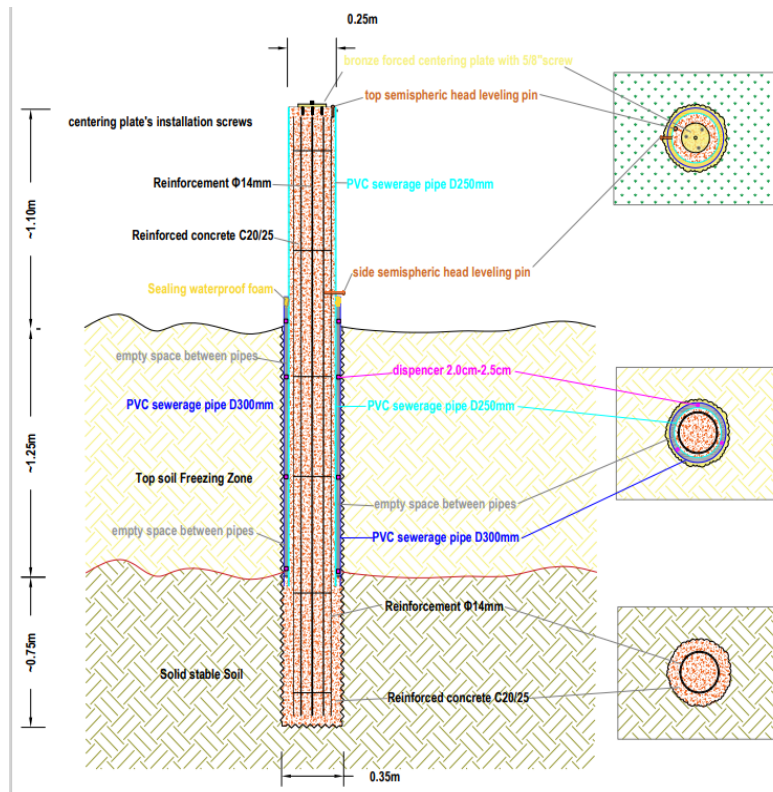


Figure 1. Point type nb. 1 for CP0 at non-urban areas, and if possible, at urban areas.

PILLAR 1.1m TECHNICAL SPECIFICATIONS & INSTALLATION METHOD STATEMENT

Purpose of this type of monument is to create a concrete, stable, easy to use and long-lasting RB Geodetic Reference Network point, for accurate GNSS baseline and leveling measurements.

Monument shall be constructed in such way to be well anchored in soil below the freezing zone layer, and practically not affected by this phenomenon.

A forced centering plate shall be on top of it, to setup a tribrach of total station or GNSS receiver eliminating centering errors or malfunctions of tribrach, as well as to assist surveyors for fast and stable setup of the equipment.

TECHNICAL SPECIFICATIONS:

1. Reinforced Concrete C20/25 pillar of 25cm diameter
2. Height above ground $L1 \approx 1.10\text{m}$
3. Anchoring depth below lowest freezing zone layer $L3 \approx 0.75\text{m}$
4. Protected part between ground and lowest freezing zone layer $L2 \approx 1.25\text{m}$ depending on thickness of the freezing zone at the spot.
5. Steel reinforcement at pile shape caging, with 8 rebars of 14mm d and length of $L1+L2+L3$.
6. PVC cylindrical sewerage pipe of 25cm diameter and length of $L1+L2$
7. PVC cylindrical sewerage pipe of 30cm diameter and length of $L2$
8. PVC dispensers of 2.0cm~2.5cm, placed in the gap between the 2 PVC pipes.
9. Bronze centering plate, with bolt of 5/8" with universal thread, suitable for all tribraches.
10. Centering plate bolt thread length shall be between 1.0cm and 2.0cm
11. Centering plate diameter shall be 16cm

12. Leveling pin with semispherical head shall be placed between the centering plate and the edge of pillar, ideally at 10cm-12cm from the centering bolt.
13. Protective metal or plastic cap for the thread of the centering bolt.

INSTALLATION METHODOLOGY

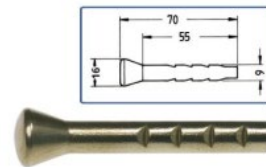
1. Drilling with proper machinery a 35cm diameter vertical hole to a depth of L2+L3 meters.
2. Placement of the rebar cage till the bottom of the excavation. The remaining overground part shall be not more than 1.10m.
3. Poor the C20/25 concrete in the pile hole, ideally with using a pipe to avoid separation of concrete materials for a length of L3 above the bottom, to reach the freezing zone lowest level. Concrete shall be vibrated, to tight up with the soil and the whole structure to be anchored to the stable soil.
4. Attaching the dispensers at the outer and lower part of the small diameter PVC pipe for the length of L2.
5. Sinking the 25cm diameter PVC pipe, so to include the rebar cage, to the top of the poor concrete. The top of the 25cm pipe shall be ~1.10m higher than the ground level.
6. Sinking the 30cm diameter PVC pipe, as an external sleeve to include the 25cm PVC, to the top of the poor concrete. The top of the 30cm pipe shall be at the ground level.
7. If there is gap between the soil and external PVC pipe, it shall be filled with sand or very thin aggregate.
8. Filling the 25cm PVC pipe with C20/25 concrete to the top.
9. Level and smoothen the surface of the concrete to prepare for the installation of the centering plate and leveling pin.
10. Depending on the type of centering plate, it can be installed when the concrete is still fresh (if the plate has anchors-pic 1), or when dry (if the plate has installation screws-pic 2)
11. When the concrete is fresh, the leveling semispherical head bolt shall sink in concrete, leaving only the head on surface.
12. At a low level of the pillar, when concrete is dry, a second leveling pin (similar to the top one) shall be installed perpendicular to the pillar-pic 3 . Installation shall be by drilling and using epoxy glue to stabilize the pin.
13. Special care shall be taken to seal from water entrance the gap between the 2 PVC pipes, at the top of the 30cm PVC pipe.
14. The name of each pillar shall be marked with color using 10cm height fonts and text stencils.



Picture 1



Picture 2



Picture 3



Picture 4

LABELING AND PROTECTION

15. The name of each pillar shall be marked with colour using 10cm height fonts and text stencils (See picture 4).
16. Protective fence (steel or plastic) have to installed to secure the Geodetic point.
17. All types of protective fences need to approved during designing period with RB RAIL AS and other necessary institutions.

The Final report must include photos of the fabrication of the centres, the completed sign, and the various stages of point installation.

Point type nb. 2. Underground point

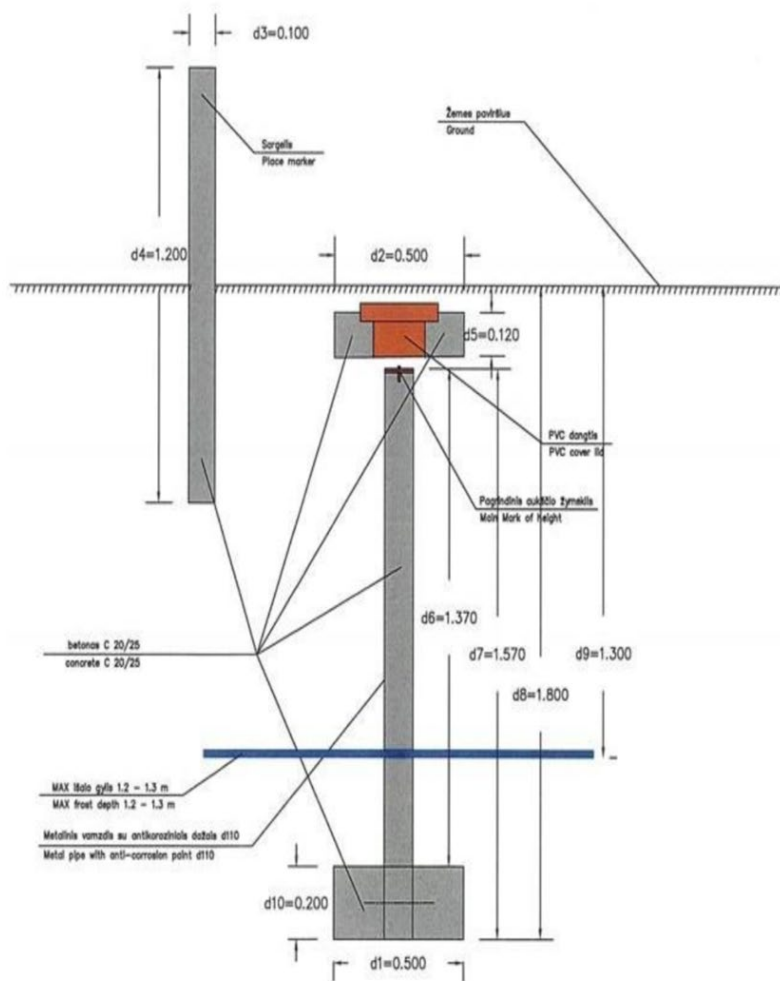


Figure 2. Underground point type nb. 2 for CP0 at non-urban and urban areas, if establishment of the pillar-monument (type nb. 1) is not reasonable or is not permitted.

UNDERGROUND POINT TYPE nb. 2. TECHNICAL SPECIFICATIONS & INSTALLATION METHOD STATEMENT

This underground point types can be placed when pillar-monument (type nb. 1) will not possible to install and only in areas where there is no dense network of underground utilities. This point can be installed by both drilling and digging methods, depend of the soil.

TECHNICAL SPECIFICATIONS:

1. The Geodetic point need to produced under stationary conditions to quarantee homogeneous quality.
2. The sign consists of a casing tube, a center rod and an anchor. The center rod (\varnothing 20 mm, L = 1570-2040 mm) have to made of stainless steel SS2377 and passivate with primer paint before casting.
3. The acid-resistant stainless steel SS2353 clamps (\varnothing 5 mm, L = 72 mm) are attached to the center rod.
4. The casing pipe is made of a plastic pipe with an outer diameter of 90-110 mm and a wall thickness of not less than 8 mm. The length of the casing pipe is 1,5m-2 m.

5. The casing pipe is attached to the anchor with two fixing irons (reinforcing iron \varnothing 16 mm, L = 420 mm). The diameter of the circular anchor is 480-500 mm, height 200 mm. The armature frame of the anchor is pas-sivated with a primer and a concrete layer at least 20 mm thick. Rebar loops with a diameter of 5 mm are installed in the anchor.
6. The center rod is placed in the jacket tube so that the upper end is 20 mm above and the lower end is 20 mm below the edge of the jacket tube. The lower edge of the casing pipe must remain at a height of 40 mm from the base of the anchor.
7. The casing pipe is filled with non-shrinking concrete mix M 300, the anchor is made of concrete M 300. During concreting, a cast iron dial is placed at the top of the casing pipe so that the top surface of the dial is flush with the edge of the casing pipe. The casing pipe and the anchor are concreted together, the concrete mixture is compacted by vibration.
8. After the concrete mixture hardens, the gaps between the main mark (from bronze) and the jacket tube and center rod are sealed with Casco Marin&Teknik 4062 sealant or an equivalent sealant.
9. The center have to made in stationary conditions (workshop). The anchor have to installed on intact soil; the upper end of the Geodetic point must remain ca 0.2-0.5 m below the ground.
10. A square concrete collar with dimensions 400x400x100mm or 500x500x120, made in stationary conditions, used concrete brand 400, have to placed on top of the center rod.

Depending on the location of the sign, the following need to placed on the concrete collar:

- a. metal plate with dimensions 250x250x6 mm. Two \varnothing 10 mm holes have to drilled in the plate to make it easier to lift the plate. The plate is coated with "Epitar" (or similar) epoxy paint.
- b. a cast-iron cover hatch, the upper surface of which is flush with the ground.

INSTALLATION METHODOLOGY

1. Drilling or digging with proper machinery a 50cm diameter vertical hole to a depth of L2+L2,5 meters.
2. The anchor of the Geodetic point have to set below the regional freeze depth on the ground of undisturbed structure.
3. The base of the concrete anchor must be leveled and compacted.
4. The excavated soil must be backfilled and compacted.

LABELING AND PROTECTION

1. An identification post (steel, concrete or plastic) have to installed for external decoration, to which an identification label with number have to added.
2. Protective fence (steel or plastic) have to installed to secure the Geodetic point and identification post.
3. All types of identification posts and protective fences need to approved during designing period with RB RAIL AS and other necessary institutions.

The Final report must include photos of the fabrication of the centres, the completed sign, and the various stages of point installation.

Point type nb. 3. Underground point.

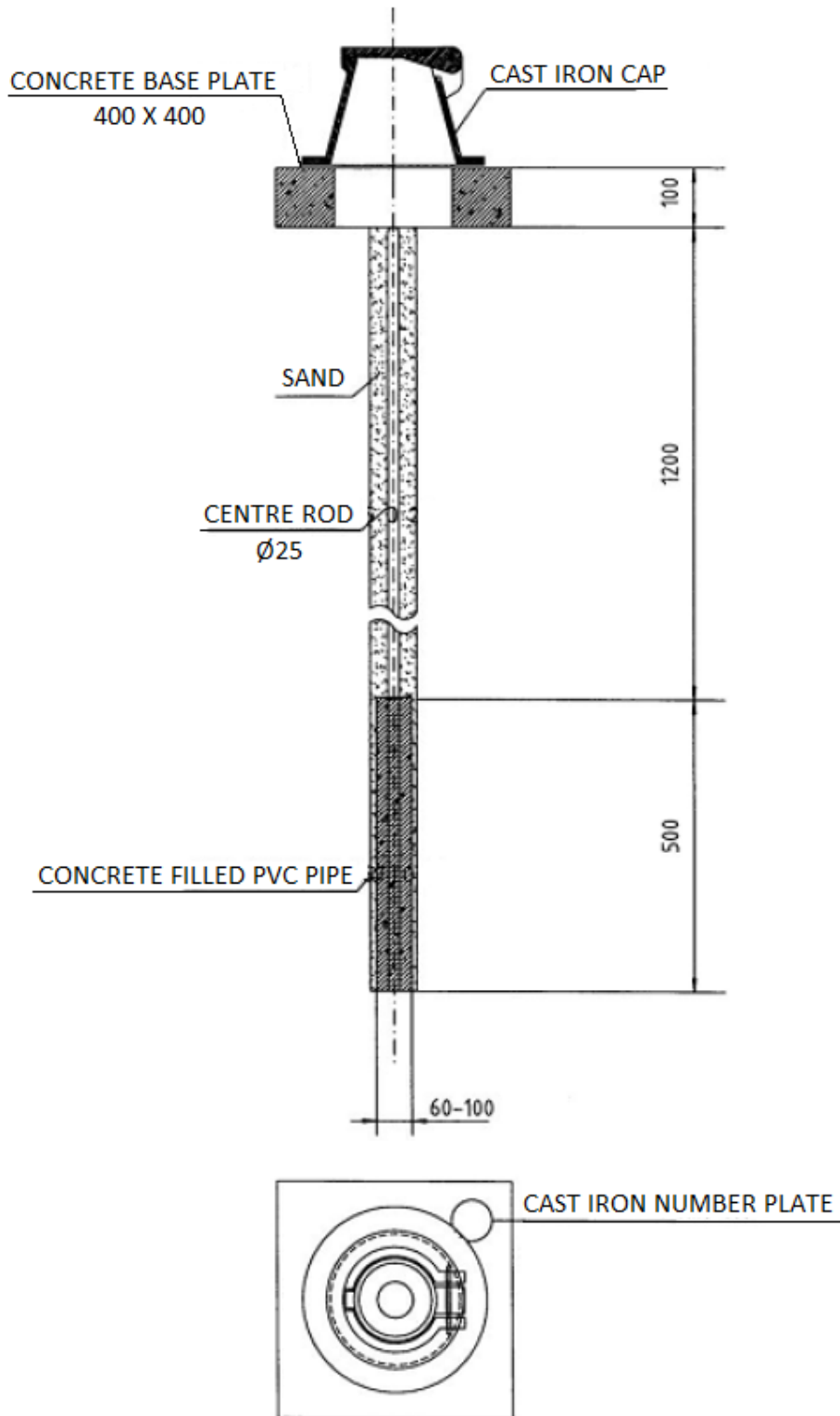


Figure 3. Underground point type nb. 3 for CP0 at non-urban and urban areas, if establishment of the pillar-monument (type nb. 1) and underground point (type nb. 2) is not reasonable or is not permitted.

UNDERGROUND POINT TYPE nb. 3. TECHNICAL SPECIFICATIONS & INSTALLATION METHOD STATEMENT

This underground point types can be placed when pillar-monument (type nb. 1) or underground point (type nb. 2) will not possible to install and only in areas where there is no dense network of underground utilities.

TECHNICAL SPECIFICATIONS:

1. The Geodetic point need to produced under stationary conditions to quarantee homogeneous quality.
2. The center rod is a round iron with a diameter of 25 mm and a length of 1700 mm.
3. The center rod have to hot-dip galvanized and completely coated with "Epitar" (or similar) epoxy paint.
4. A hole with a diameter of Ø2 mm have to drilled in the upper, curved center of the center rod.
5. The center anchor is a 0.5 m long and Ø60-100 mm plastic pipe filled with concrete (grade 400) and fixed around the lower end of the center rod to a rebar cross.
6. The concrete mixture is compacted in a plastic tube by vibration.
7. A square concrete collar with dimensions 400x400x100mm, made in stationary conditions, used concrete brand 400, have to placed on top of the center rod.

Depending on the location of the sign, the following need to placed on the concrete collar:

- c. metal plate with dimensions 250x250x6 mm. Two Ø10 mm holes have to drilled in the plate to make it easier to lift the plate. The plate is coated with "Epitar" (or similar) epoxy paint.
- d. a cast-iron cover hatch, the upper surface of which is flush with the ground.

INSTALLATION METHODOLOGY

5. The center have to placed in a hole pre-drilled with a drilling machine in the location chosen for the mark in nature.
6. Drilling with proper machinery a 12cm diameter vertical hole to a depth of ca 2 meters.
7. The anchor of the Geodetic point have to set below the regional freeze depth on the ground of undisturbed structure.
8. The base of the concrete anchor must be compacted.
9. The hole around the rod have to filled with sand and compacted by tamping.

LABELING AND PROTECTION

4. An identification post (steel, concrete or plastic) have to installed for external decoration, to which an identification label with number have to added.
5. Protective fence (steel or plastic) have to installed to secure the Geodetic point and identification post.
6. All types of identification posts and protective fences need to approved during designing period with RB RAIL AS and other necessary institutions.

The Final report must include photos of the fabrication of the centers, the completed sign, and the various stages of sign installation.

Annex2. Coordinate table of pre-designed RBR Geodetic Reference Network - CP0

Table 1. Table of pre-designed CP0 coordinates in Estonia

Country	Name	X coordinates (m)	Y coordinates (m)	WGS-84 N (deg)	WGS-84 E (deg)
		L-EST97			
Estonia	E1_New	6596522,000	557957,010	59,50238068	25,02332718
Estonia	E2_IRU97	6590215,231	552983,838	59,44642773	24,93397906
Estonia	E3_New	6587511,574	544018,762	59,42318633	24,7754107
Estonia	E4_Rae_mois	6582467,433	551151,225	59,3771123	24,89984635
Estonia	E5_Katku	6578484,826	547697,847	59,34176702	24,83822601
Estonia	E6_Lokuti97	6574614,860	542469,019	59,30758435	24,74558846
Estonia	E7_Saku	6572816,803	537911,671	59,29187486	24,6652719
Estonia	E8_Tagadi	6566702,776	543206,871	59,23648957	24,75697365
Estonia	E9_Urge	6560540,473	544484,130	59,1810432	24,77809662
Estonia	E10_New	6553370,920	545279,150	59,11660209	24,7905236
Estonia	E11_New	6548324,490	546046,027	59,0712203	24,80285666
Estonia	E12_Alu_Metskyla	6546063,304	543808,903	59,05115667	24,76340502
Estonia	E13_Sulupere97	6540152,491	544158,083	58,9980603	24,76830951
Estonia	E14_Raikkyla99	6532782,595	542787,141	58,93203925	24,743038
Estonia	E15_Purku97	6526720,850	545242,409	58,87737118	24,78444118
Estonia	E16_Vaharu99	6522806,355	546251,588	58,84212297	24,80112673
Estonia	E17_Jarvakandi	6516517,912	547366,250	58,78554928	24,81910195
Estonia	E18_Kaisma97	6509163,781	547920,315	58,71946785	24,82711431
Estonia	E19_Sohlu99	6503059,764	546158,095	58,66486079	24,79545161
Estonia	E20_Viluvvere99	6499613,072	548524,341	58,63365989	24,83548569
Estonia	E21_Tootsi(13)	6493762,276	546210,151	58,58138655	24,79445103

Estonia	E22_Kyyne99	6489489,096	544445,497	58,54320739	24,76327961
Estonia	E23_Selja	6486303,236	547490,650	58,51428415	24,81490555
Estonia	E24_Kuiaru99	6483300,954	543807,050	58,48771659	24,75112627
Estonia	E25_Oti_1	6480257,303	538309,468	58,46090898	24,65635921
Estonia	E26_Pulli	6475978,404	539012,149	58,42243104	24,66766782
Estonia	E27_Oraste_B	6472716,255	536343,945	58,39337372	24,62148868
Estonia	E28_Raja_1	6469288,297	531941,501	58,36294114	24,54573266
Estonia	E29_Poska_A	6466523,473	538515,184	58,33758895	24,65757687
Estonia	E30_Laadi97	6459264,975	536557,128	58,27258962	24,62299763
Estonia	E31_PSU2	6455263,241	541227,396	58,2362478	24,70186816
Estonia	E32_Venemurru99	6449198,519	539127,861	58,18199069	24,6651037
Estonia	E33_Laiksaare9953	6440880,008	541498,404	58,10708972	24,70391202
Estonia	E34_Saki99	6438633,189	534674,540	58,08750754	24,58783552
Estonia	E35_Urissaare99	6431995,247	535700,092	58,02782945	24,60420709
Estonia	E36_Kabli97	6431034,536	527353,316	58,01980006	24,46283485
Estonia	E37_Majaka99	6425477,251	526065,417	57,96998319	24,44042605
Estonia	E38_Orajoe99	6417636,686	525582,166	57,8996169	24,43140877

Table 2. Table of pre-designed CP0 coordinates in Latvia

Country	Name	X coordinates (m)	Y coordinates (m)	WGS-84 N (deg)	WGS-84 E (deg)
		LKS-92			
Latvia	V39_New	412690,648	524505,483	57,85543865	24,41291856
Latvia	V40_New	408007,890	522673,460	57,81347435	24,38160484
Latvia	V41_New	402106,431	521288,007	57,76053437	24,35776283
Latvia	V42_Svētciems	396453,862	521875,984	57,70973332	24,36712935
Latvia	V43_New	391017,826	522647,284	57,66086699	24,37956246
Latvia	V44_New	386704,671	523053,114	57,62210409	24,38595257
Latvia	V45_New	381042,199	525999,099	57,5710815	24,43466518
Latvia	V46_New	372663,177	525873,733	57,49582442	24,43167887
Latvia	V47_New	374750,328	531228,058	57,5142348	24,52127408
Latvia	V48_New	371147,833	535452,631	57,48156521	24,59126535
Latvia	V49_New	365605,787	533830,345	57,43190827	24,56344482
Latvia	V50_New	362012,062	530648,182	57,39985327	24,50999947
Latvia	V51_New	356929,473	528681,147	57,35432648	24,47667584
Latvia	V52_New	351676,083	526724,096	57,30725559	24,44358213
Latvia	V53_New	347500,377	527661,749	57,26969028	24,45867842
Latvia	V54_New	343215,025	533726,150	57,23078917	24,55864876
Latvia	V55_New	338581,409	535041,641	57,1890679	24,57978475
Latvia	V56_New	333641,797	535167,233	57,14468682	24,58116607
Latvia	V57_New	330211,895	538082,035	57,11364448	24,62880982
Latvia	V58_Pļavasmājas	326270,321	536172,282	57,078392	24,59670895
Latvia	V59_New	323137,692	533959,768	57,05042015	24,55978896
Latvia	V60_New	318703,547	532800,812	57,01067192	24,5401078
Latvia	V61_New	315805,912	527098,042	56,98501169	24,44589648
Latvia	V62_New	311562,124	525092,743	56,94700166	24,41247898
Latvia	V63_New	309358,832	519641,897	56,92747191	24,32270788
Latvia	V64_New	307713,580	513847,534	56,91290118	24,22742013

Latvia	V65_New	309988,598	507295,290	56,93348843	24,11987753
Latvia	V66_New	310812,066	501288,562	56,94094178	24,0211781
Latvia	V67_New	307902,444	497919,076	56,91480004	23,96582297
Latvia	V68_Tirumnieki	303285,682	494833,668	56,87330063	23,91524234
Latvia	V69_Bērzpils	299404,106	501995,347	56,83845419	24,03270479
Latvia	V70_New	297217,255	506523,586	56,81876664	24,10686896
Latvia	V71_Bitiene	294246,198	508933,488	56,79203539	24,14624373
Latvia	V72_New	292033,923	514814,798	56,77201094	24,24239348
Latvia	V73_New	287360,286	518235,433	56,72990296	24,29802705
Latvia	V74_Bunči	306364,818	525040,066	56,9003152	24,41109944
Latvia	V75_New	300066,822	523637,435	56,84381098	24,38748653
Latvia	V76_V79_Daugmale	294670,702	523610,933	56,79533604	24,38655261
Latvia	V77_New	282306,086	519036,783	56,68446514	24,31074907
Latvia	V78_New	277638,099	515622,923	56,64265501	24,25474019
Latvia	V79_New	270528,030	518134,654	56,57868809	24,29519603
Latvia	V80_New	267737,922	514231,662	56,5537562	24,23151062
Latvia	V81_New	261384,865	510811,476	56,49677063	24,17560958
Latvia	V82_New	256918,032	515421,613	56,45651145	24,25022667
Latvia	V83_Likverteni	253587,034	517863,602	56,42649897	24,28962148
Latvia	V84_New	246265,599	517450,605	56,36073675	24,28243835
Latvia	V85_New	241055,647	520589,424	56,31380284	24,3328316

Table 3. Table of pre-designed CP0 coordinates in Lithuania

Country	Name	X coordinates (m)	Y coordinates (m)	WGS-84 N (deg)	WGS-84 E (deg)
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		LKS-94			
Lithuania	T86_8316	6239050,739	521167,509	56,28455178	24,3418468
Lithuania	T87_270	6235090,629	517458,808	56,24913035	24,28169218
Lithuania	T88_8318	6230207,786	512924,659	56,20541385	24,20829772
Lithuania	T89_8336	6226303,001	511019,193	56,17038573	24,17742692
Lithuania	T90_714	6220666,945	512642,098	56,11971746	24,20329076
Lithuania	T91_8348	6215151,529	509863,200	56,07023808	24,15840152
Lithuania	T92_942	6209196,650	512757,625	56,01667685	24,20460198
Lithuania	T93_4	6200504,391	514355,774	55,93854818	24,22976894
Lithuania	T94_8375	6197399,520	511956,691	55,91072209	24,1912337
Lithuania	T95_686	6191323,295	512500,790	55,85612394	24,19965552
Lithuania	T96_New	6186787,670	512649,880	55,81537503	24,20182555
Lithuania	T97_New	6182609,649	513584,368	55,77781691	24,2165266
Lithuania	T98_2182	6177863,563	510495,916	55,73525745	24,16711642
Lithuania	T99_2212	6172251,423	517085,331	55,68465346	24,27168223
Lithuania	T100_679	6165048,575	521867,643	55,61975491	24,34715376
Lithuania	T101_2312	6160884,340	520698,512	55,58239627	24,32828136
Lithuania	T102_2338	6155373,235	523774,653	55,53274636	24,3765945
Lithuania	T103_782	6147396,004	524761,227	55,46103246	24,39151005
Lithuania	T104_2125	6142475,488	525956,137	55,41676593	24,40994433
Lithuania	T105_834	6135849,467	524968,609	55,3572901	24,3937561
Lithuania	T106_834	6135849,467	524968,609	55,3572901	24,3937561
Lithuania	T107_3419	6127102,226	523478,588	55,27877862	24,36952738
Lithuania	T108_3424	6123823,710	520677,457	55,2494496	24,3252008
Lithuania	T109_3439	6118787,850	518650,232	55,20428735	24,29298583
Lithuania	T110_3451	6114812,539	515997,066	55,1686651	24,25108171
Lithuania	T111_3459	6111728,789	512619,635	55,14105727	24,19793447
Lithuania	T112_625	6104391,131	515730,540	55,07504396	24,24632162
Lithuania	T113_3415	6099862,305	513409,553	55,03442289	24,20976519
Lithuania	T114_3405	6097577,140	507691,750	55,01401294	24,12026061

Lithuania	T115_1376	6093720,170	511842,864	54,97927823	24,18500352
Lithuania	T116_7673	6087524,551	505853,959	54,92371886	24,09132164
Lithuania	T117_New	6084986,328	502156,143	54,9009432	24,0336168

Annex C: Schedule of Services

1. Service commencement date: Effective Date (ED³)

2. Deliverables (Clause 4.4):

Deliverable	No of copies	Services Milestone
Interim (Investigation) Report	1	ED + 5 (five) weeks
Draft of Location Design	1	CD1 ⁴ + 4 (four) weeks
Final Location Design	1	Completion Date DD1 ⁵ + 4 (four) weeks

3. The Principal will accept all Deliverables in accordance with the Clauses 10.3 - 10.6 of the Agreement only if they will conform with the quality and other requirements defined under *Annex B: Technical Specification*.

4. The Principal may provide comments or remarks to Deliverables after signing of the Deed of Acceptance. In such situations the Contractor shall implement and/or consider mentioned comments and remarks until the submission of subsequent Deliverables.

³ Effective Date of the Agreement

⁴ Commencement Date of Phase 2

⁵ Completion Date of Draft Deliverable under Phase 2

Annex D: List of approved Sub-Contractors and Staff

A list of Sub-Contractors the Contractor anticipates to engage toward the provision of the Services:

[CONFIDENTIAL]

A list of staff (experts) the Contractor anticipates to engage toward the provision of the Services:

[CONFIDENTIAL]

Annex E: Deed of Acceptance

No [INSERT NUMBER]

Date: [INSERT DATE]

Location: [INSERT LOCATION]

For: [INSERT PRINCIPAL], registration number [●], legal address: [●] (the "Principal")

This Acceptance Deed is issued to the Principal by [●] [INSERT NAME, REGISTRATION NUMBER, LEGAL ADDRESS] (the "Contractor"), represented by [INSERT NAME OF REPRESENTATIVE AND THE BASIS OF REPRESENTATION].

Whereas:

- (A) the Principal, the Beneficiary and the Contractor have entered into the Agreement [●];
- (B) one or more Services Milestones have been met and/or Deliverables of the Services have been completed or the Services have been fully completed by the Contractor;
- (C) as stipulated by Clause 4.4 of the Agreement, completion of a Services Milestone/Deliverable shall be evidenced by means of the Contractor issuing a signed Deed of Acceptance;
- (D) as per Clause 10.3 of the Agreement the Principal following the reception of a signed Deed of Acceptance shall review the submitted Deed of Acceptance and either sign the Deed of Acceptance conforming the compliance of the Services rendered or raise objections by issuing an Objection Notice.

The Contractor hereby confirms that following Services Deliverable has/have been supplied on [INSERT DATE], as specified in accordance with the Agreement, or the Services have been completed in full: [DESCRIBE IN REASONABLE DETAIL THE DELIVERABLE SUPPLIED AND ATTACH THE RESPECTIVE SUPPORTING DOCUMENTATION].

By signing this Deed of Acceptance the Principal confirms in accordance with Clauses 10.3 and 10.4(b) of the Agreement its satisfaction with the result of the Deliverable submitted in accordance with the terms and conditions of this Agreement and Annex B: Technical Specification, and Services Milestone is completed, and the Principal accepts the respective Deliverable in its entirety or partly as specified in Clause 10.4(b) of the Agreement.

The Principal also confirms that the Services Milestones [have been met, and there have been no delays on the part of the Contractor as per the Times defined in accordance with *Annex C: Schedule of Services*.]

OR

[have not been met, and the following delays of the Service Milestones or the deadline to be met under Clause 3.1 are hereby being notified to the Contractor: in total [●] days [TO BE FILLED IN BY THE PRINCIPAL] (the "Delay"). Following the Delay, the total amount of Contractual Penalty as per Clause 13.2 is [●] EUR ([●] Euros).]

Additionally, the Principal certifies that all the necessary authorisations for the acceptance of the Deliverable have been duly received.

Signatures:

For and on behalf of the Principal

[●]

For and on behalf of the Contractor

[●]

Annex F: Clarifications to the Contractor's Proposal

[CONFIDENTIAL]

Annex G: Contractor's Proposal

[CONFIDENTIAL]

Annex H: Representatives

[CONFIDENTIAL]

Annex J: Commencement Notice

No [INSERT NUMBER]

Date: [INSERT DATE]

Location: [INSERT LOCATION]

For: [INSERT CONTRACTOR], registration number [●], legal address: [●] (the "Contractor")

This Deed of Commencement is issued to the Contractor by RB Rail AS (the "Principal"), represented by [INSERT NAME OF REPRESENTATIVE AND THE BASIS OF REPRESENTATION].

Whereas:

- (A) the Principal and the Contractor have entered into the Agreement [●] (the "Agreement");
- (B) in accordance with Clause 3.1 of the Agreement the Contractor shall submit to the Principal the insurance policy or the certificate in compliance with Clause 14, and receipt and validity of which shall be confirmed by the Principal;
- (C) As per Clause 3.2 the Principal upon its sole discretion shall be entitled to set the exact Commencement Date of Phase 2 (Location Design) by issuing to the Contractor a written notice on the commencement of the Phase 2, the Location Design.
- (D) as stipulated under Clause 3.1 of the Agreement, the receipt and compliance of the insurance policy or the certificate shall be evidenced by the Principal issuing a signed Commencement Notice.

The Principal hereby confirms that insurance policy or certificate submitted by the Contractor conforms with the requirements of the Agreement.

The Principal hereby confirms that the Interim (Investigation) Report has been received, reviewed and approved by the Principal in accordance with Clause 4.4 (a).

The Principal hereby directs to the Contractor to proceed with the *Location Design Services (Phase 2)* as of [INSERT DATE].

On behalf of the Principal:

[●]