



INTERNATIONAL UNION
OF RAILWAYS

INVITATION TO TENDER

International Union of Railways - UIC
16 rue Jean Rey
75015 Paris
France

Reference:
SP-NV-NOVITÀ-2026

Paris, 9 February 2026

Subject: Invitation to tender “**Noise from Parked Trains: Estimating Affected Populations and Informing Limit Value**” – reference **SP-NV-NOVITÀ-2026**

Dear Sir/Madam,

The International Union of Railways (UIC) is planning to award the contract in subject “Noise from Parked Trains: Estimating Affected Populations and Informing Limit Value” in framework of the UIC project NOVITÀ. The procurement documents consist of:

- This invitation letter,
- The tender terms of reference,
- The draft contract for the provision of services.

The call for tender will be published on the UIC website at <https://uic.org/procurement/>.

The response to the tender must be sent to the e-mail addresses noisevibration@uic.org in electronic version no later than **23rd February 2026 – 09:00 CET**.

Tenders must be firm and binding on the tenderers and signed by a duly authorised representative of the tenderer.

The period of validity of the tender, during which tenderers may not withdraw, nor modify the terms of their tenders in any respect, is six months from the reception deadline.

Submission of a tender implies acceptance of all the terms and conditions set out in the call for tenders (invitation letter, tender terms of reference and draft contract) waiving of the tenderer's own general or specific terms and conditions.

All costs incurred for the preparation and submission of tenders are to be borne by the tenderers and will not be reimbursed.

Upon request, UIC may provide additional information solely for the purpose of clarifying the Call for Tenders documents.

UIC is not bound to reply to requests for additional information received less than six working days before the date of receipt of tenders indicated above.

UIC may, on its own initiative, inform interested parties of any error, inaccuracy, omission, or any other type of clerical error in the text of the Call for Tenders documents.

Should obvious clerical errors in the tender need to be corrected or confirmed with regards to any specific or technical element after the opening of tenders, UIC shall reserve the right to contact the tenderer. This shall not lead to substantial changes to the terms of the submitted tender.

Invitation to tender is in no way committing UIC to pursue the tendering process. UIC's contractual obligation commences only upon signature of the contract with the successful tenderer.

Up to the point of signature, UIC may cancel the award procedure at any moment, without the candidates or tenderers being entitled to claim any compensation. This decision shall be duly notified to the tenderers.

Tenderers will be informed in writing of the outcome of the tendering procedure, by e-mail provided in the application.

If processing the call for tenders involves recording and processing personal data (such as names, addresses and CVs), tenderers shall, in their capacity of Data Controllers (as defined in the said regulation), comply in all respects with the applicable laws. This includes without limitation due information of the data subjects on the principle and purpose of their data processing. Tenderers, in their capacity of data Controller shall make sure such data will be processed pursuant General Data Protection Regulation (GDPR) and to French Law on the protection of personal data. Unless otherwise indicated, personal data collected and communicated by tenderers to UIC shall be processed for the sole purpose of evaluating tenders in accordance with the specifications of the Call for Tenders and shall be processed by the UIC staff in charge of the procurement.

Note: Please be informed that this tender is a UIC document compliant with the UIC Statutes, Internal Regulations and internal procedures related to suppliers' management. It does not fall under the French public procurement law.



INTERNATIONAL UNION
OF RAILWAYS

CALL FOR TENDERS TERMS OF REFERENCE

Union Internationale des Chemins de fer
International Union of Railways - UIC
16, rue Jean Rey, 75015 Paris, France

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ACRONYMS AND TERMINOLOGY

UIC	Union Internationale des Chemins de fer
SP	UIC Sustainability Platform
NV	UIC Noise Vibration Sector
VN	Vehicle Noise Working group under the UIC Noise Vibration Sector
NOVITÀ	UIC Noise and Vibration Technical Advice Project
HVAC	Heating, ventilation, and air conditioning
IRS	International Railway Solution (IRS) ©
TSI NOI	Technical Specification for Interoperability – Noise
GIS	Geographical Information System
EU	European Union
EC	European Commission
IM	Infrastructure Manager
RU	Railway Undertaking

TERMS OF REFERENCE

1. PREAMBLE AND BACKGROUND

Short presentation of UIC

The International Union of Railways (UIC, Union Internationale des Chemins de fer) is the worldwide organisation for international cooperation among railways and promotion of rail transport at a global level. Founded in 1922, it currently gathers more than 200 members on all 5 continents, among them rail operators, infrastructure managers or vehicle keepers.

UIC maintains close cooperation links with all actors in the rail transport domain all around the world, including manufacturers, railway associations, public authorities and stakeholders in other domains and sectors whose experiences may be beneficial to rail development. The UIC's main tasks include developing innovation programmes to identify solutions for needs of the rail community, as well as preparing and publishing a series of documents known as IRS (International Railway Standards, an evolution of the so-called UIC Leaflets) that facilitate the implementation of the innovative solutions.

The specific areas of activity of UIC are:

- Promote railway interoperability, improve the overall coherence of the rail system and create new world standards for railways (including common standards with other transport modes).
- Develop and facilitate all forms of international cooperation among its railway members, providing forums and platforms for the sharing of best practices and the benchmarking of outcomes.
- Propose new ways to improve the technical and environmental performance of rail transport, with the objective to optimise costs and to contribute to environmental sustainability.

Background for the present call for tenders

The UIC and its members work continuously to demonstrate how rail can be part of the solution to the challenge of sustainable development at the UIC Sustainability Platform (SP). The SP manages 6 expert networks including the Noise and Vibration (NV) Sector and a portfolio of projects focusing on the development of best practice, benchmarking for environmental sustainability and reporting of corporate and social responsibility. For more information, please visit the website of NV sector: <https://uic.org/sustainable-development/noise-and-vibration>

The UIC NV sector promotes effective management of railway noise and vibration in the context of sustainable development. The group constitutes a centre of excellence; it supports transfer of knowledge, coordinates events and activities, leads research projects and facilitates communication with key stakeholders. It works in close cooperation with other railway organisations, the EC and national authorities.

Noise from parked trains can cause nuisance to populations living and working near rail infrastructure due to emissions from auxiliary systems such as HVAC units, power supply equipment, compressors, and cooling systems. This noise can be continuous over several hours, particularly during night-time stabling at stations, depots, and shunting yards. While the issue is well recognised at local level in some countries, there is currently no consolidated assessment of how many people across Europe may be exposed to noise from parked trains, nor how significant this source is compared to other rail-related noise sources.

In several Member States, noise from trains parked in depots and stabling yards is classified as industrial noise, which is subject to stricter limit values than railway noise. This can lead to operational constraints, reduced parking capacity, or the need for costly mitigation measures. Experience from national studies shows that spatial analyses, based on buffer distances around stabling tracks and assumptions on vehicle noise categories, can provide an order-of-magnitude estimates of population exposure and allow the potential benefits of quieter rolling stocks.

A clearer understanding of population exposure and noise levels is therefore needed to determine whether noise from parked trains represents an issue at European scale. With a revision of the TSI NOI planned for 2028, technical evidence is required to assess whether specific limit values for noise from parked trains are necessary.

2. CONTRACTING PARTY

The contract for the required services will be managed by the International Union of Railways (UIC), headquartered at 16 rue Jean Rey, 75015 PARIS, FRANCE, Intracommunity VAT number FR43784601841, represented by Mr. François DAVENNE, Director General.

3. SCOPE AND CONTENT OF THE SERVICE

Noise from trains is regulated at European level by the TSI Noise: for trains at a standstill, only stationary, but not parked trains is covered. To reduce noise from a parked train, additional requirements for specific components can be necessary in specific conditions or should be informed at the request of the purchaser. For example, detailed information on continuous sound sources such as HVAC or auxiliary transducer or intermittent sound sources such as compressors will ensure that all aspects of the problem are addressed, and the most effective noise reduction is achieved.

3.1. Objectives

The objectives of this tender are to:

- Assess noise exposure from parked trains affecting lineside residents (including HVAC and auxiliary equipment) to determine its significance at the European scale.
- Provide an order-of-magnitude estimate of the number of people in Europe potentially exposed to noise from parked trains.

- Provide supporting evidence (with reference to regulatory framework such as END¹, WHO) to determine if limit values for parked train noise are required.

3.2. Scope of the Study

The scope of the study includes the following elements:

- Spatial: Identification and assessment of residential areas located in proximity to depots, maintenance facilities, shunting yards, and other locations where trains are routinely parked.
- Parked Train Noise Emission: Estimation of environmental noise emitted by parked trains, in line with “Noise from parked and stationary trains: An analysis of operational and technical solutions (2023)” and “Managing noise from parked trains (2014)”
- Noise exposure estimation: Estimate the exposure from park train noise in the residential areas identified in the first point. Period of exposure to be agree with UIC, including but not limited to: periods of highest noise emissions (start-up of systems, pre-conditioning of train compartments) based on existing evidence and findings from UIC (see Chapter 3.5), including seasonal considerations without detailed temporal or acoustic propagation modelling.

The study does not aim to deliver precise exposure assessment, compliance evaluation, or detailed acoustic modelling. Further detail on the structure and content of the study is provided in Annex A - Draft Table of Content 15.

3.3. Methodological Approach

The assessment will be based on geospatial information on the location of parked trains and lineside residents, derived from publicly available mapping tools (e.g. G.I.S, Google Maps and Google Earth). The study will focus on estimating the number of lineside residents potentially affected by noise from parked trains, identifying periods of highest potential based on existing evidence and findings from UIC, and providing data suitable for informing discussions on potential limit values.

The Contractor will work closely with UIC NV members to validate assumptions, access relevant data, and understand operational constraints. In addition, a benchmarking activity can be carried out among UIC NV members, involving infrastructure managers and railway operators, through structured exchanges supported by UIC technical advisors, including bilateral consultations and dedicated group meetings (e.g. within the UIC Vehicle Noise Working Group), to gather qualitative and indicative information on typical parking practices, operating conditions, and perceived noise relevance at selected locations.

The methodological approach shall be characterised by:

- The use of simplified assumptions appropriate for a rapid European-scale assessment.
- A focus on a limited number of representative situations or locations where trains are parked including stations, depots, and shunting yards, identified by the Contractor in

¹ https://environment.ec.europa.eu/topics/noise/environmental-noise-directive_en

coordination with UIC NV members and subject to agreement with UIC Steering Members, to support indicative extrapolation to European scale, without attempting exhaustive coverage.

- The avoidance of unnecessary methodological complexity.

The Tenderer may propose complementary methodological elements or analytical perspectives, subject to agreement with UIC during the tender evaluation and selection process.

The methodological approach shall further include:

- The use of geospatial information to identify lineside residential areas, derived using publicly available mapping tools (e.g. GIS, Google Maps / Google Earth).
- The consideration of available train operational and technical information provided by UIC NV members, where applicable. Such inputs may include parking train operational and schedules, parking practices, rolling stock characteristics, parking durations, and any available contextual noise information related to parked train locations (e.g. stations, depots, shunting yards)

The analysis will be documented using a UIC reporting template.

3.4. Deliverables, Review Process, and Governance

Each draft and revision will incorporate input from UIC members to ensure data quality and alignment with UIC NV sector needs. UIC expects the following deliverable and processes, as detailed in Annex B – Gantt Chart 16.

Deliverable: Noise from Parked Trains: Estimating Affected Populations and Informing Limit Values (June 2026)

1. Milestones and drafting process:
 - Six online progress meetings during the contract period.
 - Three draft versions of the report, including an initial draft based on GIS-based population exposure estimates.
2. The deliverable will go through a four-step revision process involving technical feedback from UIC advisors and the Vehicle Noise Working Group, followed by targeted clarification and editorial adjustments with relevant UIC internal services (including Design and Language office). The final step in M5 shall not require additional dedicated meetings, only email exchanges for the design and proofreading.

UIC, together with members of the Vehicle Noise Working Group, will supervise the work and lead the activity. The development of the deliverable will include round-table discussions and bilateral exchanges among NOVITÀ members. The Contractor shall attend online project meetings throughout the contract period and shall provide draft documents no later than one week prior to each meeting.

3.5. Organisation of the tender assessment

UIC invites tenderers to submit their proposals based on their experience in urban and spatial planning and the analysis of geospatial data (GIS) to estimate the number of people potentially exposed to noise in the context of transport operations. The focus of the study is on the identification of residential buildings and populations in proximity to railway stations, depots and shunting yards where trains are parked, rather than on detailed assessment of noise levels.

Relevant experience may include the use of land-use and housing data to support population exposure estimates. Experience in the assessment and comparing environmental noise data for railway operations is considered an asset. Selection criteria will focus on the tenderer's capabilities, the technical quality of the offer, and the experience of the specific staff involved in the study, as detailed in Chapter 11 and 12.

The project is scheduled to run from 09 March 2026 to 30 June 2026. Tenderers are requested to submit proposals in line with the table of contents. Proposals will be evaluated comprehensively, considering all deliverables and milestones. UIC will set the kick-off meeting date after consulting with the Contractor.

The proposal shall demonstrate the tenderer's ability to analyse and appropriately use relevant publications and data sources relating to noise from parked trains. Reference material may include, but is not limited to:

- UIC Noise from parked and stationary trains: An analysis of operational and technical solutions, published in February 2023 ([link](#)) and managing noise from parked trains November 2014 ([link](#))
- Inventory of parking facilities operated by participating infrastructure managers and train operators (e.g. Arbeitsgruppe Strategie Lärmschutz Empfehlungen für den Lärmschutz bei der Bahn nach 2025 - [link](#)).
- Familiarity with ISO 3095:2013 Acoustics - Railway applications - Measurement of noise emitted by railbound vehicles, Edition 4, 2025 ([link](#)).

Additional documents can be provided by the project members when the contracting phase is launched.

3.6. Target audience

The results of this study are intended for stakeholders involved in the regulation, planning, operation, and procurement of railway systems at European and national level. The primary target audience includes:

- European institutions and agencies responsible for rail interoperability, environmental noise regulation, and the development and revision of the TSI NOI.
- National safety authorities, infrastructure managers, and environmental authorities involved in the assessment and management of rail-related noise.
- Railway undertakings and rolling stock owners responsible for the operation and stabling of trains, including depots and maintenance facilities.

- Rolling stock manufacturers and system suppliers involved in the design and specification of low-noise auxiliary systems.
- Sector organisations and standardisation bodies supporting harmonised methodologies and evidence-based regulatory decisions.

The study is intended to support technical, regulatory, and policy decision-making by providing robust technical evidence on the relevance of noise from parked trains at European scale.

It is requested that the service contractor provides a detailed Gantt chart including the deliverable deadlines, with an estimated project start date on 02 March 2026.

4. FINANCIAL OFFER

Unless otherwise specified under this Call for tenders, the financial offer for the work described above must be firm, lump sum and all inclusive, i.e. including travel and subsistence costs, etc.

5. APPLICABLE LANGUAGE AND CONFIDENTIALITY

All communication will be in English. All documents will have to be delivered in English.

The Call for Tender documents as well as the potential clarifications brought by UIC shall be treated confidentially by the tenderers and not disclosed to any third party without the explicit consent of UIC.

UIC shall be entitled to disclose all or part of the Tenders to any staff, advisor, consultant or any third party, on a need-to-know basis for the purpose of evaluating the Tender.

6. CONTENT OF THE TENDER

The proposal should be submitted to the UIC Noise Vibration Sector mail (noisevibration@uic.org) until 23 February 2026 at 09:00 together with the following:

- An application letter signed by the Authorised Representative of the tenderer. In the case of a joint tender, the application letter shall be signed by the leader, who will then be the single point of contact.
- A Power of Attorney in case of joint tender.
- Evidence of the tenderer's technical capacity and relevant experience to carry out the study and prepare the final deliverable. Preference will be given to tenderers with demonstrated expertise and experience detailed in Chapter 3.5. Relevant experience may include participation in standardisation activities, applied noise studies, or comparable data analysis and assessment projects.

- A technical offer, outlining the proposed approach, the content layout of the final deliverables, and the identification of key milestones with timelines (max 10 pages).
- A financial offer including a cost breakdown and daily rates for the deliverable and milestones. Prices shall be firm and not subject to revision. The offer shall be all-inclusive and shall exclude travel and subsistence costs, as all activities will be carried out remotely.

Should additional or complementary documents be required, this will be identified during the Tendering review process and communicated accordingly.

Questions with respect to the content and scope of the tender should be addressed to the UIC NV Advisors noisevibration@uic.org.

7. PARTICIPATION

Participation in this procurement procedure is open on equal terms to all legal persons, subject to meeting the eligibility criteria, should the Call for Tenders document.

8. JOINT TENDERS

A joint tender is a situation where a tender is submitted by a group of economic operators.

In case of joint tender, all members of the group assume joint and several liability towards UIC for the performance of the contract as a whole, i.e. both financial and technical liability. Tenderers must designate (through a power of attorney signed by each member) one of the economic operators as a single point of contact (the leader) for administrative, contractual and financial aspects as well as day to day management of the contract.

After the award, UIC will sign the contract with the leader on behalf of all members of the group, who shall be duly authorised by the other members via powers of attorney.

9. SUBCONTRACTING

Subcontracting is permitted but the Contractor will retain full liability towards UIC for performance of the contract as a whole. Tenderers are required to identify subcontractors whose share of the contract is above 20 % and those whose capacity is necessary to fulfil the selection criteria. During contract performance, the change of any subcontractor identified in the tender or additional subcontracting will be subject to prior written approval of UIC.

10. SELECTION PROCESS AND TIMING

The consultants will have to provide their offers via email to noisevibration@uic.org and not later than **23rd February 2026 – 09:00 CET**.

During the process, additional questions can be addressed in writing to noisevibration@uic.org, no later than six working days before the date of receipt of tenders indicated above.

UIC may publish a Questions and Answers document and / or Tender updates in the Procurement section of the UIC website (<https://uic.org/procurement>), this is up to the tenderer to check regularly this section for any updates.

11. AWARD CRITERIA

The contract will be awarded based on the most economically advantageous tender, according to the 'best price-quality ratio' award method. The quality of the tender will be evaluated based on the following criteria. The maximum total quality score is 100 points (see grid below):

1. Understanding of and previous experience with the topic
(30 points – minimum threshold 15 points)
2. Quality of the proposed methodology
(40 points – minimum threshold 20 points)
3. Organisation of the work and resources
(20 points – minimum threshold 10 points)
4. Quality control measures
(10 points – minimum threshold 5 points)

N°	CRITERIA	Tender n°1	...	Tender n°N	MAXIMUM POINTS	MINIMUM THRESHOLDS
1.	Understanding of and previous experience with the topic <i>30 points – minimum threshold 15 points</i>	0	0	0	30	15
1.1	Clarity and pertinence of the objectives in Chapter 3.1	0	0	0	10	n.a.
1.2	Previous experience detailed in Chapter 3.5	0	0	0	5	n.a.
1.3	Previous experience in similar field of expertise detailed in Chapter 3.5	0	0	0	5	n.a.
1.4	Relevance of the solutions proposed	0	0	0	10	n.a.
2.	Quality of the proposed methodology <i>40 points – minimum threshold 20 points</i>	0	0	0	40	20
2.1	Relevance of the proposed methodology in Chapter 3.3	0	0	0	20	n.a.
2.2	Robustness of the proposed methodology	0	0	0	20	n.a.
3.	Organisation of the work and resources <i>20 points – minimum threshold 10 points</i>	0	0	0	20	10
3.1	Quality and effectiveness of the work plan	0	0	0	10	n.a.
3.2	Operational capacity of applicant to carry out the proposed work	0	0	0	10	n.a.
4.	Quality control measures <i>10 points – minimum threshold 5 points</i>	0	0	0	10	5
4.1	Appropriateness of the quality management plan	0	0	0	5	n.a.
4.2	Appropriateness of the risk management plan	0	0	0	5	n.a.
TOTAL		0	0	0	100	70

Scoring	Question Score			
	Out of 5 points	Out of 10 points	Out of 15 points	Out of 20 points
Exceptional demonstration by the Candidate of the relevant capability, understanding, skills, resource, and quality systems required to meet the requirements. Response identifies factors that will offer added value, with strong evidence to support the response.	5	10	15	20
Above acceptable demonstration by the Candidate of the relevant capability, understanding, skills, resource, and quality systems required to meet the requirements. Response identified factors that will offer added value, with evidence to support the response.	4	8	12	16
Acceptable demonstration by the Candidate of the relevant capability, understanding, skills, resource, and quality measures required to meet the requirements, with adequate evidence to support the response.	3	6	9	12
Some minor reservations of the Candidate's relevant capability, understanding, skills, resource, and quality systems required to meet the requirements, with little or no evidence to support the response.	2	4	6	8
Considerable reservations of the Candidate's relevant capability, understanding, skills, resource, and quality systems required to meet the requirements, with insufficient evidence to support the response.	1	2	3	4
Insufficient information provided to demonstrate that the Candidate has the capability, understanding, skills, resource, and quality systems required to meet the requirements, with insufficient or no evidence to support the response.	0	0	0	0

12. RANKING OF TENDERS

Tenders must score minimum 50% for each criterion and sub-criterion, and minimum 70% in total. Tenders that do not reach the minimum quality levels will be rejected and will not be ranked.

Applicants shall specify to what extent they can meet each individual criterion in the tender, providing example of previous work whenever possible.

No right of appeal shall exist on the selection procedure or its outcome.

The contract will be awarded to the most economically advantageous tender, i.e. the tender offering the best price-quality ratio determined in accordance with the formula below. A weight of 70/30 is given to quality and price.

$$\text{SCORE OF TENDER T} = (\text{CHEAPEST PRICE}) / (\text{PRICE OF TENDER T}) * 100 * 30\% + (\text{TOTAL QUALITY SCORE OUT OF 100 FOR ALL AWARD CRITERIA OF TENDER T}) * 70\%$$

N°	CRITERIA	Tender n°1	...	Tender n°N	MAXIMUM POINTS	MINIMUM THRESHOLDS
1.	Understanding of and previous experience with the topic <i>30 points – minimum threshold 15 points</i>	0	0	0	30	15
2.	Quality of the proposed methodology <i>40 points – minimum threshold 20 points</i>	0	0	0	40	20
3.	Organisation of the work and resources <i>20 points – minimum threshold 10 points</i>	0	0	0	20	10
4.	Quality control measures <i>10 points – minimum threshold 5 points</i>	0	0	0	10	5
TOTAL		0	0	0	100	70

	Tender n°1	...	Tender n°N	CHEAPEST PRICE
TENDER PRICE	0,00 €	0,00 €	0,00 €	0,00 €

	Tender n°1	...	Tender n°N
TENDER SCORE	0	0	0

	Tender n°1	...	Tender n°N
TENDER RANKING			

13. CONTESTATION OF THE SELECTED TENDER

Seeing that this tender does not fall under the French public procurement law, UIC reserves the right to select the most appropriated tender in compliance to its needs and criteria previously assessed.

Contestations of the selected tender may be addressed to the contact person for the tender within 10 (ten) calendar days following the announcement of the results. Nevertheless, UIC is not bound to accept them, nor to give a written answer.

These Terms of Reference are a UIC document compliant with the UIC Statutes, Internal Regulations and internal procedures related to suppliers' management.

14. TENDERS CONFIDENTIALITY

Within this framework, UIC undertakes to respect confidentiality and privacy of all information received from and/or exchange with tenderers.

The Tenderer must declare on its honour that there is no conflict of interest in business interest and its activity affecting this call for tenders.

15. ANNEX A – DRAFT TABLE OF CONTENT

The proposed table of contents below is indicative and subject to revision and enhancement. Tenderers may propose justified adaptations or refinements to the structure and content, provided that the objectives, scope, and level of analysis defined in this Call are fully addressed. The final structure shall be agreed with UIC.

Title: Noise from Parked Trains: Estimating Affected Populations and Informing Limit Value

- i. Contents
- ii. Foreword
- iii. Executive summary
- iv. Bibliography
- v. Abbreviations and Symbols
- vi. Glossary

1. Objective
2. Scope
3. Methodology

3.1. Introduction & Detailed approach

In close coordination with UIC NV, the consultant shall define the spatial scope of the study (including the number of countries and spatial resolution), agree the categories of railway assets to be assessed, and define the investigation radius around each asset. A methodology for estimating population exposure shall be developed and agreed, including identification of parking locations, delineation of residential areas, and estimation of potentially exposed population based on harmonised assumptions.

3.2. Estimation of residential areas affected from Parking Noise

- Identification of depots, shunting yards and other relevant parking locations
- Delineation of residential buildings and population within defined investigation buffers
- Use of publicly available geospatial data sources and population proxies

3.3. Characterisation of Noise from Parked Trains

- Description of relevant noise sources from parked trains (e.g. HVAC systems, auxiliary equipment, traction pre-conditioning, compressors) and summary of existing evidence and findings from UIC activities (see Chapter 3.5)

- Reasonable noise levels at the receiver, based on available literature, expert judgement, and operational knowledge and findings from UIC activities (see Chapter 3.5).
- Use of simplified, distance-based exposure scenarios to estimate ranges of potentially affected population, based on agreed buffer distances around parking locations and indicative noise relevance to estimate ranges of potentially affected population.
- No detailed source modelling or propagation calculations are required.

3.4. Estimation of environmental noise from Parked Trains in residential areas

- Estimation of noise exposure in residential areas using simplified exposure zones around parking locations
- Presentation of findings, reflecting different assumed noise levels at the receiver.
- Explicit discussion of uncertainties, assumptions, and limitations

3.5. Assessment of Noise Exposure and Significance of Impact

- Qualitative assessment of noise from parked trains, including:
 - comparison with typical background noise levels, and
 - consideration of national practices where parking noise is assessed as an industrial source
- Quantify exposure levels within exposure zones around parked train locations for different scenarios (e.g., day vs night, summer vs winter).
- Discussion on regulatory implications, in particular the consequences of treating noise from parked trains as an industrial noise source in national practice.

4. Conclusion

- Summary of key findings, including estimated ranges of population potentially exposed to noise from parked trains at European scale.
- Interpretation of results in the context of international studies and regulatory frameworks.
- Evidence-based sector considerations to inform discussions on the potential need for limit values for noise from parked trains.
- Recommendations to inform future discussions on parked train noise and parking and shunting yard practices.

16. ANNEX B – GRAND CHART

Activity / Milestone	M1	M2	M3	M4	M5
Project kick-off & methodology confirmation with Steering Members /UIC members	●				
Geospatial data collection and review with Steering Members	●	●			
Initial estimation of affected populations		●			
Draft 1 – Initial technical draft		●			
Refinement of estimates and benchmarking inputs, including review with Steering Members			●		
Draft 2 – Revised draft			●		
Consolidation & conclusions / recommendations			●	●	
Draft 3 – Pre-final report				●	
Final review, validation & delivery & reviewing with Steering Members				●	●
Continuous UIC NV review and input	●	●	●	●	
UIC design and proofreading process					●
Online meetings					
1. Kick-off	●				
2. Methodology validation	●				
3. Draft 1 review		●			
4. Draft 2 review			●		
5. Draft 3 final review				●	
6. Final validation				●	

DRAFT CONTRACT FOR THE PROVISION OF SERVICES

CONTRACT FOR THE PROVISION OF SERVICES

Between:

The International Union of Railways (UIC), an association under French law, headquartered at 16, rue Jean Rey, F-75015 Paris, EU VAT number FR43784601841, SIRET (French business registration number) 784 601 841, represented by Mr. François Davenne, Director General,

hereinafter referred to as “**UIC**” or “**the Customer**”,

on the one hand,

and

Company X, legal form of the company,, headquartered at, EU VAT number, business registration identification number (SIRET in France), represented by with full power to sign on behalf of the company,

hereinafter referred to as “**the Service Provider**”, recognised for its technical skills and expertise in the domain of the present Contract,

on the other hand,

identified hereinafter as “the Parties” or individually as a “Party”,

have agreed on the terms hereafter:

Article 1. Purpose and nature of the Contract

The purpose of this Contract is to define the rights and obligations of the Parties resulting from the performance by the Service Provider of Services within the framework of the project relating to in the framework of the tender reference, a copy of which is attached hereto as Appendix 1 including “Questions and answers”, copy of the application to the invitation to tender by the Service Provider is attached as Appendix 2.

It is clear from the will of the parties that this contract is intended to formalise the provision of services and in no way constitutes an employment contract involving a relationship of subordination. The Service Provider shall execute the Services as an independent contractor. The Service Provider and its employees and agents cannot be considered as employees and/or agents of UIC. Furthermore, the contract may not be interpreted as establishing a partnership or joint company between the Parties.

Article 2. Entry into force, duration and end of Services

The Contract shall take effect on for a duration of months. Should an extension of the duration be required, the Parties shall agree in writing an addendum to this Contract at least days prior to the end of the initial term.

Article 3. Description of Services, place of performance, methods and schedule of implementation

3.1 Description of Services

The Service Provider undertakes to provide the Services described below, which UIC accepts.

The Services are of an intellectual nature, and more specifically are about

The Services covered under this Contract, as well as the format for submission of work, are defined and detailed in Annex A to this Contract.

3.2 Methods of performance of the Services

The Service Provider is responsible for the performance of the Services covered by this Contract and exercises direct and permanent control over its employees: the Service Provider organises and performs the Services by involving its own staff and/or by calling upon specialists or external bodies under the conditions set out below.

The Services shall be performed under the responsibility of the Service Provider, which is represented for this purpose by Mr/Ms, who is in charge of composing its team.

The Service Provider undertakes to have the Services performed by qualified personnel, duly accepted by UIC prior to the start of the Contract. In the event that a person in charge of performing the Services becomes unavailable for any reason whatsoever, the Service Provider undertakes to immediately appoint a person on a temporary basis and to appoint a permanent employee of equivalent competence, duly accepted by UIC, within eight days of the occurrence of this event.

Subcontracting by the Service Provider shall be authorised only with the express written consent of UIC. In such cases, the Service Provider shall ensure that its subcontractors comply with the obligations arising from the French Labour Code, as well as those referred to in Article 7, as recalled in this Contract.

3.3 Schedule for performance of Services

The Services must be performed in accordance with the schedule in Annex A.

In the event of a delay in the performance of its Services on the basis of the deadlines scheduled and for reasons for which it is responsible, the Service Provider may, without prior notice, have to pay a penalty for the delay to UIC, corresponding to the amount indicated per working day of the delay and specified in Annex B.

Any event relating to a case of force majeure within the meaning of Article 1218 of the French Civil Code (including a pandemic) shall be liable to give rise to a suspension of the obligation affected by force majeure, and the Service Provider shall be relieved of its obligation accordingly.

If the impediment is permanent or exceeds 6 months, the Contract shall be terminated automatically and the Service Provider shall be relieved of its obligation accordingly.

3.4 Acceptance, Rejection

The completion by the Service Provider of the Deliverables as part of the Services shall be subject to prior acceptance by UIC.

a. For the case when the deliverable consists in a report, study, analysis, etc:

Service Provider shall submit such Deliverable to UIC's prior acceptance. UIC shall notify Service Provider within 10 business days from the delivery date either:

- Accepts the Deliverable; or
- Rejects the Deliverable giving reasons and notifying the defects and/or to be remedied by the Service Provider, in which case the Service Provider shall be given a reasonable amount of time to amend such Deliverable.
- After 10 business days without feedback from UIC, then Service Provider shall be entitled to submit the corresponding invoice if foreseen accordingly in the payment plan. For the avoidance of doubts, Service Provider shall be under the obligation to remedy any error and/or defect notified by UIC to Service Provider even after the Service Provider submitted the said invoice.

3.5 Warranty

3.5.1 Compliance

The software (if any) and more generally the Services shall comply with all provisions of this Contract. They shall also comply with the best international quality standards applicable in the relevant industry and shall comply with all applicable laws and regulations in France, and, where applicable, in the European Union. The software (if any) shall be delivered complete with all instructions, warnings and other data necessary for safe and proper operation. Any non-conformity with the above shall be considered as a defect.

3.5.2 Contractual Warranty

Service Provider represents and warrants that the Services carried out under this Contract shall be free from any and all defects in design, functionalities and workmanship and are in strict conformity with the requirement of this Contract and the best industry practice. At UIC's request, Service Provider shall promptly remedy at its expense the defect or re-perform the defective or non-conforming Services. The warranties given under this Article shall apply for a period of twelve (12) months from the date of validation by UIC of the Deliverables.

Article 4. Financial clauses: Fees – travel costs – invoicing and payment

4.1 Fees

In return for performance of the Services, UIC undertakes to pay the Service Provider an all-inclusive fee in the form of an overall flat rate sum of euros (amount in letters: euros) excluding tax, this amount to be considered final.

The applicable VAT rate is the rate in effect on the day the invoices are issued.

The Service Provider shall issue invoices for services rendered as follows:

Invoices shall be paid by UIC in accordance with the schedule shown in Annex B.

In the event that this Contract is terminated before its term for any reason whatsoever or in the event of force majeure, the Service Provider shall close the accounts and prepare an invoice for expenses incurred not covered by any previous invoices, and shall present it to UIC for payment. In the event of termination for a fault on the part of the Service Provider, UIC shall retain the possibility of claiming all compensation to remedy the damage suffered as a result of such termination.

4.2 Travel expenses

The Service Provider shall bear travel and accommodation expenses costs incurred, these being deemed to be included in its payment.

4.3 Payment

Net payment shall be made by transfer sixty (60) days from the date of issue of the invoice.

The invoice must include the following information:

- Name of the bank
- IBAN code
- BIC
- EU VAT number

Article 5. General obligations of the Service Provider

In general, the Service Provider declares and guarantees compliance with all French and Community laws and regulations applicable to it listed in Annex C.

Article 6. Ownership of work

All results and work produced under this Contract are the exclusive property of UIC, excluding any possibility of transfer of ownership by the Service Provider for any reason whatsoever. The work shall be acquired as and when it is carried out in return for the fees referred to in Article 4.1 or, if the Contract is terminated, on the date of termination, provided that this work is paid for.

In return for the fees indicated in Article 4.1, the Service Provider grants to UIC, as well as to its beneficiaries, exclusively and throughout the world, all copyrights, including all reproduction rights on all known media, including placement online on a service accessible by digital data transmission network, in particular the Internet, for the duration of copyright protection granted by the regulations in force, international conventions and all judicial and arbitration decisions.

The Service Provider guarantees the peaceful exercise of the rights thus assigned against all claims or loss of rights and undertakes to compensate UIC for any expenses or damages which may result therefrom.

Article 7. Professional secrecy and obligation to exercise discretion

The recipient will use reasonable care to protect the other Party's Confidential Information from disclosure to parties other than the recipient's affiliates, employees, agents, or professional advisors ("Delegates") who need to know it and who have a legal obligation to keep it confidential. The recipient will use the other party's Confidential Information only to exercise rights and fulfil obligations under this Contract. The recipient will ensure that its Delegates are also subject to the same non-disclosure and use obligations. The recipient may

also disclose Confidential Information when required by law after giving reasonable notice to the other party, if permitted by law.

For the purpose of this Contract, Confidential Information shall mean information that one party (or an affiliate) discloses to the other party under this Contract, and that is marked as confidential or would normally be considered confidential information under the circumstances. It does not include information that is independently developed by the recipient, is rightfully given to the recipient by a third party without confidentiality obligations, or becomes public through no fault of the recipient.

GDPR

Parties undertake to comply in all respect with applicable GDPR regulations in case personal data are processed by them in the course of completing the Services. In case UIC receives a claim and/or a complaint from a third party (including but not limited to a data subject and/or a UIC member), then Service Provider shall defend, indemnify and hold UIC harmless accordingly, provided that such claim and/or complaint arises in relation to a breach by the Service Provider.

The personal data of the representatives of the legal persons appearing in this Contract and the personal data of the persons acting as contact persons for the purpose of managing this Agreement shall be processed by UIC and the Service Provider for the purpose of managing and administering the legal relationship between the Parties, as well as for the purpose of fulfilling the applicable legal obligations. The legitimacy for the processing of such data is based on contractual performance and compliance with legal obligations.

The holders of the aforementioned personal data may exercise their rights of access, rectification, erasure, objection, limitation of processing, portability and the right not to be subject to automated individual decisions, by writing to the Parties by means of a reliable communication. Representatives and contact persons may also lodge a complaint with the competent data protection supervisory authority.

The personal data derived from this Contract shall be kept for its duration and, once it has terminate, shall be retained, duly blocked, for the duration of the respective statute of limitation of any actions that may arise from the relationship maintained between the Parties and for the time necessary to comply with the applicable legal requirements.

Personal data may be communicated to public authorities and bodies in order to comply with legal obligations. Such personal data may also be communicated to third parties, insofar as this is necessary for the management and execution of the Contract.

Article 8. Liability and insurance

In the event of an accident occurring as a result of the performance of this Contract, UIC and the Service Provider provide an undertaking to their respective personnel to settle reparations for victims and social security within the framework of common law liability.

The Service Provider shall take out the necessary insurance to cover the risks involved in performance of the Services covered under this Contract, as well as those of any subcontractors, and undertakes to provide the certificates to UIC if so requested by the latter.

UIC has taken out an insurance policy to cover its civil liability.

In the case the Service Provider is composed of several entities that submitted a joint tender to UIC, the entities composing the Service Provider shall be jointly and severally liable to UIC for the due performance of the Services in accordance with the provisions of this Contract.

Article 9. Completion, rescinding or termination of the contract

The present Contract may be terminated in the following circumstances:

- a) Due to full performance of the service (see Article 2)
- b) At any stage of completion of the contract if jointly agreed in writing by UIC and the Service Provider
- c) In the event of force majeure under the conditions provided for in Article 3.4
- d) At the request of one of the parties in the event of total or partial non-performance by the other party of its obligations, not resolved within a reasonable period of time as notified by registered letter registered with acknowledgement of delivery. If performance continues after the expiration of this period, a letter shall be sent to the defaulting party to notify it of the termination of the contract and the reasons for the termination.
- e) By UIC for convenience.

Article 10. Non-solicitation of personnel

In the course of the execution of the present Contract, UIC undertakes not to approach, either directly or indirectly, any of the Service Provider's staff participating in the work with an offer of employment unless previously agreed in writing by the Service Provider.

Article 11. Miscellaneous

The Contract comprises by order of precedence:

- The present Agreement; and
- The Annexes A, B, C, D and
- The Appendix 1 – Call for Tenders Terms of Reference including any further clarification provided by UIC (if any); and
- The Appendix 2 – Service Provider's Technical Offer;

constitutes the entire agreement between the Parties. It cancels and replaces any agreement, letter or other previous document of the same purpose.

The Contract constitutes the entire agreement between the Parties. It cancels and replaces any agreement, letter or other previous document of the same purpose. Amendments to any one of the provisions of the Contract shall be laid down in an addendum signed by both Parties. Any clause invalidated by a court decision shall not invalidate the other clauses of the Contract.

Article 12. Applicable law – language of the contract – jurisdiction clause

The Contract is drawn up in the English language and is governed by French law.

In the event of a dispute relating to the interpretation or execution of the present Contract which the parties cannot resolve amicably through conciliation, the dispute shall be referred to the law court of Paris, which shall have exclusive jurisdiction.

In case of failure by the Parties to resolve amicably a dispute, then such dispute shall be settled by the courts of Paris, France, to which exclusive jurisdiction is granted.

Signed in one electronic document.

Signatures of the parties

For UIC

For the Service Provider

CONTRACT FOR THE PROVISION OF SERVICES

Annex A

Service description and schedule

CONTRACT FOR THE PROVISION OF SERVICES

Annex B

FORECAST OF ALL TRAVEL AND ACCOMMODATION EXPENSES INCURRED BY THE SERVICE PROVIDER

Not applicable.

PENALTIES

To be defined.

CONTRACT FOR THE PROVISION OF SERVICES

Annex C

[IF THE SERVICE IS WHOLLY OR PARTIALLY PERFORMED IN FRANCE]

The Service Provider shall undertake to provide UIC with:

- A certificate, less than six months old, of provision of social declarations and payment of social security deductions and contributions as provided for in Article L. 243-15 from the social welfare agency responsible for collecting deductions and contributions, the authenticity of which shall be checked with the social security contribution collection body.
- As part of efforts to combat the employment of foreign nationals without a work permit, the Service Provider shall submit the documents referred to in articles L8254-1 and D8254-1 et seq. of the French Labour Code on the day of signature of the Contract and every six months until completion of performance of the Contract, to include the list of names of foreign employees employed by the Service Provider and subject to work authorisation as provided for in Article L. 5221-2, specifying for each employee:
 1. his or her date of hire
 2. his or her nationality
 3. the type and serial number of the document constituting his or her authorisation to work.

CONTRACT FOR THE PROVISION OF SERVICES

Annex D

CERTIFICATE CONFIRMING THAT CLANDESTINE WORKERS ARE NOT EMPLOYED

Checks carried out prior to conclusion of a
subcontracting agreement or contract for the provision of services
French Decree 92-508 of 11 June 1992

Confirmation upon signature of the contract. After this time, any order shall be deemed unwritten.

Name or corporate name of the company, represented by acting as

The undersigned certifies that it is compliant with the obligations of the French Labour Code relating to illegal work and, in accordance with the provisions of the French Decree of 11 June 1992, undertakes to attach the following documents to this sheet:

1. Choice of:

Certificate, less than one year old, of provision of social declarations from the social welfare agency (URSSAF, etc.) responsible for collecting social contributions.

Tax assessment notice relating to business tax for the previous year.

Certificates proving that the company is meeting its obligations with regard to Articles 52, 53, 54 and 259 of the French Code of Public Procurement.

Financial guarantee certificate (temporary employment agencies only).

2. As well as one of the two following documents:

An extract of the entry in the French Companies Register (K or K bis).

An identification card providing evidence of registration in the French Trades Register.

If the company is established or domiciled abroad, attach as required:

A document indicating the identity and address of the person representing the company to the French tax authorities.

A document confirming that the company is meeting its obligations with regard to social conditions and personnel.

A document certifying that the subcontractor has been registered in a professional register in its country of origin where such registration is compulsory.

Furthermore, the undersigned certifies on its honour that the service provided for in the Contract shall be carried out by personnel employed in accordance with labour legislation and in particular with articles L 3243-1, L3243-2, L 3243-4, L 1221-10, L 1221-13 and L 1221-15 of the French Labour Code.

Signed in on

Signature and company stamp

<p>French Service Provider and service performed in France</p>	<p>In particular, the Service Provider declares that it is compliant with the provisions arising from the French Labour Code, particularly those relating to the prohibition of undeclared work arising from Articles L.8221-3 et seq. of said Code, and certifies that the Services covered by the Contract shall be performed in accordance with the labour legislation in force.</p> <p>Thus, in application of Article D8222-7 of the French Labour Code, it must submit to UIC, when the Contract is concluded and every six months until the end of its execution, all of the following documents so that UIC is deemed to have carried out the verifications required by Article L. 8222-1 of the French Labour Code:</p> <ol style="list-style-type: none"> 1. A certificate, less than six months old, of provision of social declarations and payment of social security deductions and contributions as provided for in Article L. 243-15 from the social welfare agency responsible for collecting deductions and contributions, the authenticity of which shall be checked with the social security contribution collection body. 2. When registration of the co-contractor in the Companies Register or in the Trades Register is compulsory or in the case of a regulated profession, one of the following documents: <ol style="list-style-type: none"> a) An extract of the entry in the French Companies Register (K or K bis); b) An identification card providing evidence of registration in the French Trades Register; c) An estimate, advertising document or professional correspondence, provided that the name or company name, the full address and the registration number in the French Companies Register, French Trades Register or a list or table of a professional body or a reference to accreditation issued by the competent authority are indicated; <p>A deposit slip for filing the declaration with a business start-up centre (CFE) for people in the process of registering.</p> <p>Furthermore, as part of efforts to combat the employment of foreign nationals without a work permit, the Service Provider shall submit the documents referred to in Articles L8254-1 and D8254-1 et seq. of the French Labour Code on the day of signature of the Contract and every six months until completion of performance of the Contract:</p> <p>The list of names of foreign employees employed by the Service Provider and subject to work authorisation as provided for in Article <u>L. 5221-2</u>, specifying for each employee:</p> <ol style="list-style-type: none"> 1. his or her date of hire; 2. his or her nationality; 3. the type and serial number of the document constituting his or her authorisation to work.
<p>Service Provider established outside France and service</p>	<p>In particular, the Service Provider declares that it is compliant with the provisions of Articles L.8221-3 et seq. of the French Labour Code relating to the prohibition of undeclared work and certifies that the Services covered by the Contract shall be performed in accordance with the labour legislation in force.</p>

<p>performed in whole or in part in France</p>	<p>Thus, in application of Article D8222-7 of the French Labour Code, if the Service Provider is required to perform all or part of its Services on French territory, it must submit to UIC, when the Contract is concluded and every six months until the end of its execution, all of the following documents so that UIC is deemed to have carried out the verifications required by Article L. 8222-4 of the French Labour Code:</p> <ul style="list-style-type: none"> a) A document indicating its individual identification number assigned in application of Article 286b of the French General Tax Code. If the co-contractor is not obliged to have such a number, a document indicating its identity and address or, where applicable, the contact details of its ad hoc tax representative in France; b) A document, less than six months old, confirming that the Service Provider is meeting its obligations with regard to social conditions with regard either to Regulation (EEC) No 1408/71 of 14 January 1971 or to an international social security agreement or, failing that, a certificate of social security declarations from the French social welfare agency responsible for collecting the social security contributions incumbent on the Service Provider; c) In addition, if registration in a professional register is compulsory for the Service Provider in the country of its establishment or domicile, either: <ul style="list-style-type: none"> i) a document from the authorities keeping the professional register or an equivalent document certifying registration; ii) an estimate, advertising document or professional correspondence, provided that the name or company name, the full address and the type of registration in the professional register are indicated; iii) or, for companies in the process of being created, a document less than six months old from the authority empowered to receive entries for registration in the professional register and certifying the application for registration in said register. <p>Furthermore, as part of efforts to combat the employment of foreign nationals without a work permit, the foreign Service Provider posting foreign employees on French territory shall submit the documents referred to in Articles L8254-1 and D8254-3 et seq. of the French Labour Code on the day of signature of the Contract and every six months until completion of performance of the Contract:</p> <p>The list of names of foreign employees employed by the Service Provider and subject to work authorisation as provided for in article <u>L. 5221-2</u>, specifying for each employee:</p> <ol style="list-style-type: none"> 1. his or her date of hire; 2. his or her nationality; 3. the type and serial number of the document constituting his or her authorisation to work.
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