Approved by:
SIA “Rail Systems”
Member of the Board I. Zaula
22.03.2021, Riga (personal signature)

REQUEST FOR PROPOSALS

BUFFERS AND DRAW GEAR FOR A PIGGYBACK RAILCAR

(Identification No. RS/ERAF/2021/3)

Riga, March 22, 2021

NATIONAL DEVELOPMENT PLAN 2020
EUROPEAN UNION
European Regional Development Fund
INVESTING IN YOUR FUTURE

1. The Customer information:
SIA “Rail Systems”
Registration No. 40203199653
Registered address: Aristida Briana street 9A - 2, Riga, LV-1001, Latvia.
Contact person: Production Manager Jurijs Rendenieks, tel.: +37126469112, e-mail address: jrendenieks@gmail.com
2. This request for proposals (hereinafter - RFP) is issued by the Customer. The Customer selects the offer that is the most economically advantageous for the Customer and best meets its needs, as well as ensures the efficient use of the funding provided by the Customer. The contract shall be awarded to the proposal with lowest proposed price (excluding Value Added Tax) subject to compliance with all requirements set forth in the RFP. The RFP is carried out in accordance with the Cabinet Regulation No.104 (February 28, 2017) of the Republic of Latvia.
3. The RFP is carried out within the framework of SIA "MAŠĪNBŪVES KOMPETENCES CENTRS" Project No.1.2.1.1/18/A/008 co-financed by the European Regional Development Fund.
4. The Customer is developing a new railway freight platform. Subject of the RFP is supply of buffers and draw gear for a piggyback railcar:
- 4 (four) pcs. buffers;
- 2 (two) pcs. draw gears.
5. Description of the subject of the RFP is provided in Annex 1.
6. The price quoted in proposal shall include all costs associated with performance of the subject of the RFP.
7. Expected performance deadline: November 30, 2021 at latest.
8. Delivery address: Kalna street 68a, LV-1003, Rīga, Latvia.
9. The applicant must be registered in the Commercial Register of the Republic of Latvia or the equivalent register abroad in accordance with the procedures specified in regulatory enactments. The applicant may not be declared insolvent or in the process of liquidation or its economic activities terminated.
10. Proposals must be prepared in accordance with Annex 1 and signed by representative of the applicant. The applicant must conform to ISO or equivalent quality management system certificate requirements and must submit documents confirming fulfillment of these requirements together with the Form of the proposal. WAG TSI sub-systems certification documents must also be submitted. Applicants may add other documents to proposals at their discretion.
11. Proposals shall be valid till June 15, 2021.
12. Initial proposals must be received by April 12, 18:00 (GMT+2), to the address: Aristida Briana street 9A - 2, Riga, LV-1001, Latvia.
13. Applicants may address their questions to the Customer’s contact person. Communication between the Customer and applicants shall be facilitated in English, Latvian or Russian. Information received by e-mail shall be considered received if the e-mail recipient has sent a confirmation message to the sender. Any communication document shall quote the RFP identifier - RS/ERAF/2021/3.
14. Annexes:
    - Annex 1 – Description.
    - Annex 2 - Form of the proposal.

Annex 1

Description

The subject of the RFP is **buffers and draw gear for a piggyback railcar**.

If an equivalent to the requirements listed in the RFP is possible, the applicant may submit a proposal meeting the equivalent requirements. The applicant may also submit a proposal meeting higher requirements.

Technical assignment for procurement

BUFFERS

Standard	EN 15551
Stroke	Long stroke buffer 150 mm
Compliance	UIC 526-3
Absorber	hydraulic shock absorber
Shock absorber pads	solid elastomer
Buffer disk width*	450-650mm
Working parameters	-40°C to +50°C

* Applicants have to provide calculations of the width of buffer heads in acc. to EN 15551 (base wagon parameters will be provided upon request)

DRAW GEAR

Standard	EN 15566
Mechanism strength (loads transfer)	Tens.>=1000 kN; Compr.>=1000 kN
Energy absorption	>=20 kJ
Miscellaneous	1) designed for wagons with limited height installation space 2) designed for piggyback railcars 3) 2 (two sets) of shock absorbers
Working parameters	-40°C to +50°C

**** Applicants have to provide calculations of interaction forces:**
Two wagons with bogies, coupled on straight track with buffers in contact, shall generate compression force
not higher than 250 kN (guideline value) in a curve with 150 m radius as interaction between buffer and draw gear.
(150m - curve is in acc. to UIC 520, EN 15551 and EN 15566)

Packaging

The packaging of the goods, parts, elements and assembly units must be agreed with the customer. Packing of the goods should be carried out observing measures to exclude changes in the geometric shape, deformation. In order to protect goods from deformation and damage, the delivery parts or packages during transportation must be equipped in accordance with the drawings with stiffeners (spacers, ties, etc.), which must also ensure the safety of the goods during their loading, unloading and storage.

Product packages should provide:

- the possibility of mechanized loading and unloading on vehicles;
- the availability of checking the number of products and their labeling in the package;

- reliability and convenience on vehicles in accordance with the rules in force for this type of transport.

If a set of goods is delivered in the form of several cargo packages, the technical documentation must be packed into package No. 1. A packing list is drawn up for a set of the goods by the manufacturer.

Transportation
The type of transport is determined in the contract for the manufacture and supply of metal structures.
The center of mass shall be marked with bright indelible paint on delivery parts and shipping points.

Documents to be attached
for each unit upon delivery:
- certificate of acceptance
- certificate according to TSI WAG specification
- EC declaration of conformity

for the whole delivery or type of bogies:
- description and drawings of draw gear and buffers
- maintenance plan
- spare parts list

Warranty (except wearing parts)
1 year

Payment terms
Advance payment: up to 100 % of the contract sum.
Final (remaining) payment - after delivery.

Annex 2
Form of the proposal

Application for participation in the procurement
"buffers and draw gear for a
piggyback railcar" ID No.
RS/ERAF/2021/3

Applicant:_____,(name)
Registration No._____,

Represented by _____ (Name and surname of the manager or authorized person)

1. Submits its' proposal to the Request for Proposals "buffers and draw gear for a piggyback railcar" (Identification No. RS/ERAF/2021/3).

2. Offers to supply buffers and draw gear for a piggyback railcar in accordance with the terms of the Request for Proposals (Identification No. RS/ERAF/2021/3) for the amount of the contract price:_____EUR (*sum in words*) excluding VAT;
Payment terms: Advance payment____%; Final (remaining) payment_%.

3. The applicant confirms that:
- The applicant is registered in the Commercial Register of the Republic of Latvia or the equivalent register abroad in accordance with the procedures specified in regulatory enactments.
- The applicant is not declared insolvent, nor is it in the process of liquidation, nor its' economic activities terminated.
- This proposal is valid till June 15, 2021.
- The subject of the request for proposals shall be completed till November 30, 2021, at latest.
- **The offer fully conforms to requirements of the Request for Proposals** and the Cabinet Regulation No.104 (February 28, 2017) of the Republic of Latvia.
- All the information provided in the proposal is true.

4. Annexes: in accordance with the requirements of the Request for Proposals.

5. Contact information.
Applicant's registered address: _____
Applicant's actual address: _____
Contact email address: _____
Phone number: _____
Date_____

_____
(position of manager or authorized person) (signature)