Approved by:
SIA “Rail Systems”
Member of the Board I. Zaula_____
26.10.2020, Riga (personal signature)

REQUEST FOR PROPOSALS

METAL STRUCTURES OF A PIGGYBACK RAILCAR

(Identification No. RS/ERAF/2020/1)

Riga, October 26, 2020

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 metal structures of a piggyback railcar.
5. Description of the subject of the RFP is provided in Annex 1, technical drawings – in Annex 2.
6. The price quoted in proposal shall include all costs associated with performance of the subject of the RFP.
7. Expected performance deadline: April 30, 2021 at latest.
8. Delivery address: EXW Manufacturer’s premises (Incoterms 2010).
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 3 and signed by representative of the applicant. The applicant must conform to ISO or equivalent quality management system certificate requirements and EN 15085 CL1 certificate requirements and must submit documents confirming fulfillment of these requirements together with the Form of the proposal. Applicants may add other documents to proposals at their discretion.
11. Proposals shall be valid till December 31, 2020.
12. Initial proposals must be received by November 12, 2020, 18:00 (GMT+2), by mail to the Customer’s 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/2020/1.
14. Annex 1 – Description.

15. Annex 2 – Technical drawings.
16. Annex 3 - Form of the proposal.

Annex 1

Description
"Metal Structures of a Piggyback Railcar"
Identification No. RS/ERAF/2020/1

The subject of the RFP is **metal structures of a piggyback railcar**. Technical drawings are provided in Annex 2.

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 production
1. Technical requirements for accuracy for dimensions with the performance of bending of parts with a deviation of bending accuracy on a cold (press brake) according to H16, hl6, ± t3 / 2.
2. For a sufficient perception of dynamic loads, bending radii are taken as 2-2.5 material thicknesses.
3. All contoured surfaces (chamfers for welding and mating ends, as well as flat stepped surfaces should be made by milling with a surface roughness of Ra25 (Rz 160). Surfaces that have a free location in the structure (non-mating) should be performed on thermal cutting machines (laser - up to 12 mm with a cut quality class 221 according to ISO 9013; and plasma from 12 mm with a cut quality class 432 according to ISO 9013) These notes only apply to sheet metal parts.
4. The metal structure must be manufactured in accordance with the design documentation from steel of class S 355 G2.

Technical assignment for assembly and welding production
1. Tolerances for linear and angular dimensions, as well as tolerances for shape and position, must comply with ISO 13920 for grades BBF.
2. Welding of parts of metal structures is carried out in accordance with the drawing and specifications in accordance with EN 15085- (1-5).

Technical assignment for machining production
1. All contour surfaces (chamfers for welding and mating ends, as well as flat stepped surfaces will be made by milling with a surface roughness of Ra25 (Rz160). Surfaces that have a free location in the structure (non-mating) will be performed on thermal cutting machines (laser - up to 12 mm with cut quality class 221 according to ISO 9013; and plasma from 12 mm with cut quality class 432 according to ISO 9013) These notes apply only to sheet metal parts.
coating requirements

Coating requirements
Preparation of surfaces of metal structures for the application of paint and varnish coatings, the requirements for paint coatings and their application to the units and parts of the gondola car must comply with the standards UIC 842-3, UIC 842-4.

The internal surfaces of parts and assembly units that cannot be painted in the assembled state due

to inaccessibility must be painted before assembly.

Packaging

The packaging of parts, elements and assembly units of metal structures must be agreed with the customer. Packing of metal structures should be carried out observing measures to exclude changes in the geometric shape, deformation. In order to protect structures 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 structures 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.

The design of the package, the method of packaging and fastening must comply with the current standards adopted in transport, and ensure the complete safety of products during loading and unloading operations, transportation and storage.

Products that have not undergone painting and conservation are not allowed for packaging.

The maximum dimensions of packages and boxes must comply with the requirements for transportation by rail, road and water transport, established by the rules in force for these types of transport, approved in the prescribed manner.

For the safety of the protective coating of structures in the places of their contact with each other and with the means of packaging, it is necessary to install and secure gaskets from wood, cardboard, plastic and other materials from falling out.

If a set of metal structures 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 metal structures by the manufacturer.

Transportation and storage

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.

Metal structures at the storage site must be:

- underwent technical inspection (in this case, the revealed damage should be repaired and the damaged color restored)
- prepared for installation, cleaned of dirt;
- sorted by type and order of installation.

When storing metal structures, the following requirements must be observed:

- structures, packages, boxes must be laid stably on lining, excluding their contact with the ground. The distance between the pads should exclude the formation of permanent deformations, distortions and damage;
- in multi-tiered stacks between the elements, spacers (wooden) must be placed on the same vertical with spacers;
- the stack height should not exceed 1.5 m;
- measures are provided against the accumulation of atmospheric moisture on structures or inside them.
- during storage of structures, the possibility of their inspection and good visibility of the marking must be ensured.

Warehousing of metal structures should ensure the safety of unstitching and strapping of structures, a package or a box.

Payment terms

Advance payment: up to 10 % of the contract sum.
Payment after coordination and acceptance of production implementation fixtures: up to 20% of the contract sum.
Final (remaining) payment - after acceptance of the subject of the tender.

Annex 3

Form of the proposal
"Metal Structures of a Piggyback Railcar"
Identification No. RS/ERAF/2020/1

Application for participation in the procurement
"Metal Structures of a Piggyback Railcar"
ID No. RS/ERAF/2020/1

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

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

1. Submits its' proposal to the Request for Proposals "Metal Structures of a Piggyback Railcar" (Identification No. RS/ERAF/2020/1).

2. Offers to supply metal structures of a piggyback railcar in accordance with the terms of the Request for Proposals (Identification No. RS/ERAF/2020/1) for the amount of the contract price:_____ EUR (_____) excluding VAT;
Payment terms: Advance payment __ %; Payment after coordination and acceptance of production implementation fixtures __%; 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 December 31, 2020.
- The subject of the request for proposals shall be completed till April 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. Contact information.
Applicant's registered address: _____
Applicant's actual address: _____
Contact email address: _____
Phone number: _____
Date_____

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