

Properties

Title:

Ukrainian company producing polymer composite railway sleepers is seeking for partner – investor to develop and spread their product on Ukrainian railway market.

-Business profile

-OFFER from Ukraine, reference: BOUA20180115001, valid from 02-02-2018 until 06-02-2019

Created:

7 februari 2018

Updated:

13 februari 2018

General information

Reference:

BOUA20180115001

Profile type

BCD offer

Country of origin:

Ukraine

Deleted

Nee

Status:

Update

Start date:

2 februari 2018

End date:

6 februari 2019 (over 13 dagen)

Business profile

Description:

In Ukraine, the introduction of plastic waste recycling enterprises is very vital. The company uses a new technology on the Ukrainian market to manufacture polymer composite sleepers for the railway. It gives the possibility to use mixed, non-cleaned recycled plastic waste in the production process.

Polymer composite sleepers for railway are made of 100% recycled plastic and rubber. 120 kg of recycled waste is needed for the production of one sleeper. With the capacity of 8000 pieces per month, the factory plans to process up to 1000 tons of polymer waste. Nowadays in Ukraine, the length of industrial railway comprises 24000 km with

48 million sleepers. Potentially, there is a possibility to process up to 6 million tons of plastic waste to substitute old out of service sleepers by polymer ones. There is no similar production factory in Ukraine.

The company has more than eight years' experience in collecting, storing and processing recycled waste materials. The overall complete technological process includes two stages. On the first stage automobile tires, other rubber materials, PET bottles and different types of plastic are recycled. The second stage is manufacturing itself. Production of the sleeper is made by means of extrusion with its further forming and testing in conformity with established norms. The readymade sleeper can be manufactured under the standards of both European railroads and Ukrainian railroads, which have different specifications. Currently, the company's output is not enough to fully cover all requests of Ukrainian railroad companies. To cover up the majority of the market, the company is seeking for the investors to gain required company output. For the investors, the commercial attraction of the project is obvious. The raw material is free of charge.

Technologie keywords

- _ Transport Infrastructure
- _ Waste Management

Activity codes

- _ Manufacture of rubber and plastic products
- _ Waste collection
- _ Treatment and disposal of non-hazardous waste
- _ Construction of roads and railways

Languages

- _ English
- _ Russian
- _ Polish

Exploitations

- _ Private (in-house) research

Sector groups

- _ Automotive, Transport and Logistics

More information

Plus Value:

1. The company has a direct access to Ukrainian railway sleepers' market for fixing and improving old railroad parts with modern analogues.
2. Strategically important manufacturer's geographical location. The manufacturer is located in Eastern Europe unlike its colleagues from Western Europe and America, what gives a direct access to Ukrainian railway market and reduces the cost of transportation.
3. The company can recycle the product after operation life and reduce the cost of manufacturing.
4. By its physical-mechanical properties, polymer sleeper overcomes wood sleeper in 1,5 times in its rigidity, strength and damping characteristics.
5. Composite sleeper suits the best for the corrosive environment: it is resistant to chemical substances, withstands temperature from -600° up to +500°, is not influenced by underground waters and indifferent to increased humidity and moisture.
6. Lifespan up to 50 years.
7. Sleeper replacement cost is three times lower than for wooden and four times lower than for concrete ones.
8. The company has developed the marketing strategy that attracts a majority of Ukrainian railway companies and

gives the opportunity to be the first to cover the market.

IPR Status:

Other

EOI Status:

True

Experience:

Organisation

Type of organisation:

Since:

2014

Type and Size:

Industry SME = 10

Transnational

Nee

Turnover:

1M

Collaboration

Technical Specification or Expertise Sought:

pppThe company is looking for an enterprise or financial organization which is ready to invest costs for launching the project. Share in the company's profits is suggested. The partner should fulfil financial control functions. The potential partner may be the company of any size which is engaged in railroad sphere (provides maintenance for the railway sleepers, their production or recycling) and interested in reaching Ukrainian railway sleepers market.ppsME 11-50,SME 10,500 MNE,251-500,SME 51-250,500p

Partnerships

_ Financial agreement

_ Joint venture agreement

Uitgevoerd door:



In opdracht van:



Ministerie van Economische Zaken



Ministerie van Buitenlandse Zaken

