

Business Offer

Thermal and acoustic cellulosic insulation system offered to building contractors via subcontracting agreement.

Summary

A Czech SME producing thermal and acoustic ecological insulation and blowing application devices is looking for construction and insulation companies in Ireland to which it would provide insulation material, blowing device and training of the staff to collaborate under subcontracting agreement.

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Details

Description

A purely Czech owned SME active on the market since 1991 produces thermal and acoustic ecological insulation, ball polystyrene for concrete mixtures and blowing devices for its application.

Thermal and acoustic cellulose insulation is a material that does not contain any hazardous substances and is environmentally friendly. It is made of completely pure sorted recycled paper and 100% environmentally friendly additives for the protection against pests, fire, moulds, and applied by blowing. The company is continually improving the manufacturing processes, so the insulation contains minimum of chemicals while maintaining all technical parameters.

Due to the way of application and the fact that the insulation is made from cellulosic fibre with non-volatile thermal conductivity and also due to specific heat capacity, it has almost 40% better thermal insulation than mineral fibre based insulations. The insulation is applicable to all types of buildings where it accurately fills the whole insulated space without the risk of thermal bridges. The packing line of its own construction enables the insulation to be pressed to a large bulk density so the transport cost to the client is lowered.

For thermal and acoustic ecological insulation (including blowing devices), the envisaged collaboration would be ideally based on subcontracting agreement.

Advantages and Innovations

- application way preventing thermal bridges and settling
- does not contain any hazardous substances
- protection against fire, pests, moulds
- can be applied without the danger of skin irritation unlike the fibreglass insulation application
- a cost-effective, energy-efficient alternative to fibreglass and other kinds of insulations
- the insulation is pressed to a large bulk density which lowers transportation costs
- if asked, the Czech company provides the whole system including training of personnel

Stage of Development

Already on the market

IPR Status

Secret Know-how

Keywords

Technology

002006001 Building Materials, Components and Methods

Market

08004004 Other pollution and recycling related

09007002 Manufacture of construction materials, components and systems

NACE

E.39.0.0 Remediation activities and other waste management services

Open for EOI : **Yes**

Dissemination

Restrict Dissemination to Specific Countries

Ireland,

Client

Type and Size of Organisation Behind the Profile

Industry SME 11-49

Year Established

Ref: BOCZ20180611001

2003

Turnover

<1M

Already Engaged in Trans-National Cooperation

Yes

Experience Comments

Optionally, in case there appear local Irish sources of recycled paper, the Czech company is open to provide its services of installation of the manufacturing device with the basic capacity of 2000 tons per year and personnel training. This could be a more suitable and cost efficient way, as there are no transportation costs.

Languages Spoken

English
German

Client Country

Czech Republic

Partner Sought

Type and Role of Partner Sought

Typical partners shall be building contractors and companies providing insulations of buildings that provide insulation services for their customers using the insulation system. Cooperation of the Czech company and this potential partner would be based on subcontracting agreement.

Type and Size of Partner Sought

SME 11-50, SME <10, 251-500, SME 51-250

Type of Partnership Considered

Subcontracting

Attachments

On the truck.jpg



On the truck_1.jpg



Fire protected.jpg

