Technology Request

Polish company seeks research institution with know how in biomass/cellulose gasification

Summary

A Polish company working on solutions for local electric power and thermal energy generation, supplying base-load using local solid fuels is looking for an R&D institution with know-how in cellulose/biomass gasification. They would like to complement the elaborated idea with best biomass/cellulose gasification conventional solutions (fuel feeding, gas cooling, gas engine, etc). The company is willing to establish technical and research cooperation and sign appropriate agreements.

Expiration Date 14 December 2016
Reference TRPL20151201001
Profile link

Details

Description

A young Polish company active in designing new power solutions is working on a solution for local electric power and thermal energy generation, supplying base-load using local solid fuels. They are looking for an R&D institution experienced in cellulose/biomass gasification. The company needs technological support in complementing their idea with conventional solutions for biomass/cellulose gasification as fuel feeding, gas cooling, gas engine etc.) Their solution provides power, heat and cooling generation with low environmental impact, high energy & capital efficiency and complete location flexibility. The technology is already proven in pilot. They would like to establish technical and research cooperation what will help to increase availability, stability and repeatability of the full system. They would like to sign research and/or technical cooperation agreement.

Technical Specification or Expertise Sought

The partner sought should have experience and know-how in solving problems with biomass/cellulose gasification solutions, in particular removing of tar from the process and low gas yield.

Stage of Development

Project already started

Keywords

Technology

04002004	Furnace and boiler technologies

04002005	Generators, electric engines and power converters
04002012	Other energy related machinery

Market

06002001	Oil, gas and coal
06002003	Power grid and distribution
06003009	Biomass and Biofuels

NACE

D.35.1.1	Production of electricity

Open for EOI : Yes

Dissemination

Send to Sector Group

Environment

Client

Type and Size of Organisation Behind the Profile

Industry SME 11-49

Languages Spoken

English
Polish

Client Country

Poland

Partner Sought

Type and Role of Partner Sought

The company is looking for an R&D institution with expertise in biomass/cellulose gasification technologies. They would like to sign research and/or technical cooperation agreement what can allow them to gain help in complementing their idea with R&D institution proven solutions. They need also a support in solving technological problems (removing of tar from the process and low gas yield).

Type and Size of Partner Sought

R&D Institution

Type of Partnership Considered

Technical cooperation agreement
Research cooperation agreement

Solution for dewaxing natural gas production wells

Summary

The Romanian company specialized in automation systems for oil and gas industry is seeking an engineering solution to dewax natural gas production wells in the frame of technical cooperation.

Expiration Date 31 December 2016
Reference TRRO20151231001
Profile link

Details

Description

The Romanian company designs, mounts, monitors and controls technological installations in oil and natural gas industry.

Dewaxing in production of natural gas wells is mandatory since wax accumulation is slowing extraction and sometimes is blocking it with terrible economic effects and sometimes effects that endanger security and stability of production.

The Romanian company is seeking engineering solutions and EPC (engineering procurement commissioning) partner to remove wax from natural gas wells under technical cooperation agreement.

Technical Specification or Expertise Sought

The company is seeking an EPC contractor who has successfully implemented a solution to remove wax from natural gas production wells.

Stage of Development

Field tested/evaluated

Keywords

Technology

03004006	Organic Substances
04003001	Gaseous fossil fuel
04008003	Micro- and Nanotechnology related to energy
05004006	Other Processes
06006	Industrial Biotechnology

Market

06001002	Production services
06001006	Chemicals and materials
06001007	Other oil and gas

NACE

C.33.2.0	Installation of industrial machinery and equipment

Open for EOI : Yes

Dissemination

Send to Sector Group

Environment

Client

Type and Size of Organisation Behind the Profile

Industry SME <= 10

Languages Spoken

English
Hungarian
German
Russian
French
Italian

Partner Sought

Type and Role of Partner Sought

Type of partner sought: business or R&D entities.
Role of partner: technology owner, solution provider, BOT (built operate transfer) partner. The potential partner having a solution for this request should be willing to work together with the Romanian company under a technical cooperation agreement.

Type of Partnership Considered

Technical cooperation agreement