



COOPERATION OFFER

GENERAL DESCRIPTION

Title

Lithuanian SME offers services for designing optical coatings and developing components

Summary

The Lithuanian SME is manufacturing various optical coatings and components. Company is offering high quality advanced coatings, metallic coatings and dielectric coatings, coatings on crystals, variable coatings and final components. Services agreement and/or subcontracting are sought.

Description

The Lithuanian SME has 16 years of experience in manufacturing optical coating and components. The company is offering optical components coated with various technologies: Resistive Thermal Evaporation, Electron Beam Evaporation, Magnetron sputtering Deposition. They can cover spectral range from 190 nm till 12000 nm. Substrates can be from 0.1 mm till 500 mm. The company's best products are metallic coated mirrors, all type laser and nonlinear crystals with HR, AR, PR, W, BBAR coating, contact layers or electrodes. Dielectric thin film coatings on various optical glass substrate starting with plane, concave, convex, conical, prism and etc. most popular products are dielectric coated AR Windows, HR mirrors, variable reflection mirror, spectral separators and filters. The company can also offer re-polishing and re-coating services for used optics.

All coatings and optical components meet the highest ISO quality standards, are stable in environment and durable. Coating plants are equipped with the broadband optical monitoring systems to ensure the best spectral performance and optical components are measured for surface flatness, optical surface quality measurements.

The company is looking for:

- potential customers
- customers, who need to design pilot coatings and so called OEM optical elements (supposed client develops new laser and requires special coating for laser crystals);
- partners/customers, who could contribute to various optical coating and optical components dressing, design and supply

Advantages and Innovations

The company can offer a wide range of substrate materials and various shapes, flexibility and rapid optical coating prototyping, special optical designs, coatings for spectral range 190 – 14000 nm, coatings for big coating areas (0,1 – 500 mm) and etc.. Quality of work meet the highest ISO quality standards, coatings are stable in environment and durable.

Current Stage of Development*

- | | |
|---|--|
| <input type="checkbox"/> Under development /laboratory tested | <input type="checkbox"/> Field tested / evaluated |
| <input type="checkbox"/> Available for demonstration | <input type="checkbox"/> Prototype available for demonstration |



Already on the market Concept stage

Comments Regarding Stage of Development:

Intellectual Property Rights Status*:

Patent(s) applied for but not yet granted Secret know-how
 Granted patents Exclusive rights
 Copyright Trade Marks
 Design rights Others (registered design, plant variety, etc.)

Comments Regarding IPR Status: (e.g. countries for which protection has been granted or applied for)

Preferred Countries for Dissemination:

DETAILS OF YOUR OWN ORGANISATION/COMPANY

Type* Industry R&D Institution University Private Inventor

Other: please specify

Comments:

Organisation/Company Size* (please tick one box) < 10 employees 11-50 employees
 51-250 employees 251-500 employees > 500 employees

Year Established:

Turnover (only for business profiles): < 1 mio 1 – 10 mio
 10 – 20 mio 20 – 50 mio 50 - 100 mio

Already Engaged in Trans-National Cooperation Yes No

Experience Comments:

Certification Standards:

Languages Spoken:

COLLABORATION DETAILS

Type of partnership considered:

Technology Offers

- Commercial Agreement with technical assistance (an agreement arranging the acquisition of a product/technology paired with the provision of a number of services in support of a transfer of technology)
- Joint Venture Agreement
- License Agreement
- Technical co-operation agreement
- Research co-operation agreement

Business Offers

- Distribution services agreement
- Acquisition agreement
- Franchise agency agreement
- Manufacturing agreement
- Outsourcing agreement
- Subcontracting
- Financial agreement
- Services Agreement

Type and Role of Partner Sought*:

- Type of partner sought (*such as industry, academy, research organisation*):
The company is looking for business partners who are looking for high quality dielectric thin film, metallic coating for various optical glass and crystals. Partners could be industry, academy or research organization.
- Specific area of activity of the partner (*example: manufacturer/distributor/user/disposal of plastic packages etc.*)
- Tasks to be performed by the partner sought: What expertise/ tasks do you expect from the partner?

Size and Type of Partner Sought (e.g. industry, research):

Additional information (pictures)

CONTACT

Please contact the RespiceSME coordinator Samantha Michaux for the contact data of the company.

Samantha Michaux
Steinbeis 2i GmbH

michaux@steinbeis-europa.de

