

Technology Request

Audiovisual company is seeking for a technical partner with expertise in software development for robotic cameras

Summary

German-Spanish SME with extensive expertise in the audiovisual market is looking for a technical partner in order to collaborate in the development of a new product for the production of audiovisual events using robotic cameras. The type of agreement sought is technical cooperation. The partner should have experience with software development for applications sending and receiving data to and from robotic cameras.

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Details

Description

The German-Spanish company has been taking care of the audiovisual component of the production of events for many years, developing a vast knowledge and a deep understanding of the industry, evolving with the market.

This expertise has allowed them to detect many opportunities within the audiovisual market, which would improve some important processes.

For that reason, they recently created a Research&Development department, which looks to tackle these opportunities by producing products and services to provide a solution to the detected issues.

On this note, they have conceived a product that will improve the way live directors work with productions using robotic cameras, making the whole process more efficient and precise. This will leave room for the live director to make more creative decisions, significantly improving the final result.

The product envisaged is based on three different technologies: tactile interfaces, computer vision and robotic cameras.

The partnership sought is a technical cooperation agreement. Therefore, the partner sought should be able to produce a prototype level result on one or many of these three technologies, following the design and specifications defined by the Spanish team.

Technical Specification or Expertise Sought

Potential partners should be familiar with one or many of the following technologies:

- Development of tactile digital interfaces.
- Bi-directional communication with robotic cameras.
- Computer vision.

Stage of Development

Concept stage

Comments Regarding Stage of Development

The concept has been defined and tested by gathering the opinion and demands of a diverse group of live directors. The company has already come up with a visual prototype.

The research work concludes the need of the following technologies for the development of the product: tactile interfaces, computer vision and robotic cameras.

Further steps would be the production of a prototype based on one or many of these three technologies, following the specifications defined by the Spanish team.

Keywords

Technology

01001001	Automation, Robotics Control Systems
01003006	Computer Software
01003018	User Interfaces, Usability
01003020	Building Automation Software
01006001	Audiovisual Equipment and Communication

Market

09003002	Advertising and public relations
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NACE

M.73.1.1	Advertising agencies
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Network Contact

Issuing Partner

ZACHODNIOPOMORSKI UNIWERSYTET TECHNOLOGICZNY W SZCZECINIE

Contact Person

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Open for EOI : **Yes**

Dissemination**Send to Sector Group**

ICT Industry and Services

Client**Type and Size of Organisation Behind the Profile**

Industry SME <= 10

Year Established

2007

Turnover

1 - 10M

Already Engaged in Trans-National Cooperation

Yes

Languages Spoken

English
German
Spanish

Client Country

Spain

Partner Sought**Type and Role of Partner Sought**

The project will be managed by the Spanish team with an agile-like methodology. This implies a high level of communication between the partners.

The partner sought should be working in the audiovisual sector or have competences on robotic

cameras and be willing to gain expertise/enter the audiovisual sector.

The partnership will have the characteristics of a technical cooperation agreement, and the sought partner should take care of one or many of the following tasks:

- Developing a tactile interface.
- Developing the protocol for communication with robotic cameras.
- Developing the software responsible for analysing the data received from the above mentioned cameras.

All these three tasks are based on the design and specifications previously defined by the Spanish team.

In addition, both partners are expected to share their expertise on the different topics in order to make the best decisions for the excellence of the end result.

Although initially the partnership will only encompass the current project, the Spanish team is interested in creating a network of partners for future projects.

Type of Partnership Considered

Technical cooperation agreement

Attachments
