Technology Request

A Turkish technology company expert on smart cities seeks solution partners offering high end technologies in smart cities field

Summary

A Turkish ICT company well versed and deeply experienced in electronics city infrastructure and security systems such as GIS,eID and biometric solutions, integrated network security solutions, data storage etc. seeks potential partners, who offer unique smart city solutions. They have completed many national and international projects. The company is open to many collaboration models. The potential partner is expected to cooperate on big scaled projects undertaken by Turkish company.

Expiration Date 16 June 2017
Reference TRTR20160613001
Profile link

Details

Description

The Turkish technology company active in ICT sector, deeply ecperienced and well versed in Smart Cities, was established in 2003, as a system integrator as well as a self-developer of its own intergrated city security system software, geographic information systems, biometric features of electronic identifications that enables the live scanning of finger prints, traces of blood vessels, palm print etc. The company is also a certified Research and Development Center in Turkey, and continues its all operations in MENA Region (Middle East, North Africa and Asia). So far they have succesfully installed and operated several city infrastructure and security systems like Turkish National ID Pilot Project, Turkish ePassport Project, Disaster Recovery Project, Qatar Safe City Project and several more projects. At the moment they are handling couple of EU & nationally funded R&D&I projects and they have recently submitted a H2020 project as coordinator. Since the company has already engaged multi-partnered European level projects, they would like to increase their technological solution partnerships with European companies who can offer high-end and unique innovations and are active in the field of any domain in the field of smart cities. Possible cooperation types are technical cooperation agreement, commercial agreement with technical assistance and licence agreement.

Technical Specification or Expertise Sought

The Turkish company seeks potential partners, who offer high-end and unique technologies in any domain of smart city field. Although the Turkish technology company is expert and very active in security domain, they are open to companies with expertise in smart government, smart health, smart energies, smart green technologies and so on.

IPR Status

Trade Marks

Keywords

Technology

01003010	Databases, Database Management, Data Mining
01004005	e-Government
01004007	GIS Geographical Information Systems
01006005	Network Technology, Network Security
01006015	VoIP telephony, remote access

Market

02006004	Data processing, analysis and input services
02006005	Big data management
02007001	Systems software
02007015	Integrated software
02007017	Expert systems

NACE

J.61.2.0	Wireless telecommunications activities
J.62.0.1	Computer programming activities
J.62.0.2	Computer consultancy activities
J.62.0.3	Computer facilities management activities
J.62.0.9	Other information technology and computer service activities

Open for EOI : Yes

Dissemination

Send to Sector Group

ICT Industry and Services

Client

Type and Size of Organisation Behind the Profile

Industry SME 50-249

Languages Spoken

Turkish
English
Dutch
German
Russian
French

Client Country

Turkey

Partner Sought

Type and Role of Partner Sought

The potential partner is expected to be technology provider in the domain of smart cities and shall have high technology and innovation capacity. The Turkish technology company is open to various types of collaboration models.

Type and Size of Partner Sought

SME 11-50,University,Inventor,R&D Institution,SME <10,>500 MNE,251-500,SME 51-250,>500

Type of Partnership Considered

License agreement
Commercial agreement with technical assistance
Technical cooperation agreement

Technology Request

Device for monitoring person's movement and 3D position

Summary

A Slovenian research institute, active in the development of human activity recognition such as sport activity is looking for a wearable device to monitor movement and 3D position of the person with accuracy of the measured position around 20 cm, preferably less and the position should be acquired at least 10 times per second. The researchers are looking for technical cooperation agreement.

Expiration Date	13 July 2017
Reference	TRSI20160712001
Profile link	

Details

Description

A Slovenian research institute is looking for a device to monitor player's movement during the play to monitor his movement patterns. The size of operational perimeter should be no less than 20 x 40 meters. The device should be small enough to be easily worn during the activity, with a battery that supports the monitoring of the movement for several hours. The size of the wearable part must be suitable for a comfortable wearing, for example the device shouldn't exceed around 100 x 75 x 30 mm and weight with batteries shouldn't be more than 100 grams. Wearable devices in other sizes with appropriate ergonomic features will be also taken into consideration.

The accuracy of the measured position should be around 20 cm, preferably less. The position should be acquired at least 10 times per second. What technology is used for acquiring the accurate position is not important.

The accurate position (and analysis) can be obtained via post-processing. The idea is that the player would "put on" the device and after the practice he would be able to get his precise locations in time.

The research institute is looking for a technology developer / provider of the wearable devices. The device will be tested and evaluated to prove its suitability for the integration into the research project. Researchers are considering technical cooperation agreement.

Technical Specification or Expertise Sought

Functions: 3D location measurements
Weight of the wearable part of the device: maximum 100 grams (with batteries).
Size: maximum twice the size of a match box.
Accuracy of the measured 3D location: less than 20 cm

Frequency of 3D location measurements: 10 measurements per second.
Other capabilities/sensors included: accelerometer and gyroscope.

Stage of Development

Already on the market

IPR Status

Secret Know-how,Design Rights,Patent(s) applied for but not yet granted,Patents granted,Granted patent or patent application essential,Trade Marks,Exclusive Rights,Copyright,Other

Keywords

Technology

01002004	Embedded Systems and Real Time Systems
01003025	Internet of Things
01004001	Applications for Health
01006008	Satellite Technology/Positioning/Communication in GPS
01006009	Signal Processing

Market

01005002	Satellite ground (and others) equipment
03004003	Other electronics related equipment
07001004	Sporting goods, hobby equipment and athletics clothes
07001007	Other leisure and recreational products and services
09009001	Conglomerates and holding companies

NACE

M.72.1.9	Other research and experimental development on natural sciences and engineering

Open for EOI : Yes

Dissemination

Send to Sector Group

ICT Industry and Services

Client

Type and Size of Organisation Behind the Profile

R&D Institution

Languages Spoken

English

Client Country

Slovenia

Partner Sought

Type and Role of Partner Sought

The research institute is looking for technology developer / provider of the wearable devices. The technology developer / provider should be able to provide the desired device for testing and evaluation for future integration.

Type and Size of Partner Sought

SME 11-50,University,Inventor,R&D Institution,SME <10,>500 MNE,251-500,SME 51-250,>500

Type of Partnership Considered

Technical cooperation agreement