Partnering Opportunity

Research & Development Request

H2020 ICT: Industrial partner, mobile network operator or 5G Radio Access Network equipment vendor is sought to help build and experimental test-bed for next generation applications

Summary

A system integrator SME based in North Eastern Italy with sound expertise in telecommunications is looking for an industrial partner, Mobile Network Operator or 5G Radio Access Network (RAN) equipment vendor, to cooperate in the implementation of an enhanced experimentation field hosted in the company's neutral host smart infrastructures in order to build a complete and innovative experimentation facility, in the context of a proposal to be submitted under a 5G PPP call of Horizon 2020.

Creation Date	08 October 2019
Last Update	11 November 2019
Expiration Date	20 April 2020
Reference	RDIT20191008001
Public Link	https://een.ec.europa.eu/tools/services/PRO/Profile/Detail/3ab99d15-eb12-4711-af44-ca760d08989c

Details

Description

Founded in 1966, the company is a system integrator focused on innovation and operating on the domestic and international markets in different business areas: from telecommunications & broadcasting, to LED lighting technology and security. Its research & development skills and capabilities are the core of the future strategic approach to the company's internationalization. Headquartered in the North of Italy, the company delivers its products and turnkey integrated solutions by means of a strong network of technological and commercial partners worldwide. With over 50 years of experience, the company offers a wide range of own designed products and services as a system integrator in the telecommunications & broadcasting markets, ranging

from complex communication infrastructures to small accessories: towers, poles, concealing infrastructures, urban design towers and poles, emergency mobile radio stations. Research & development department is currently involved in various pilot projects and gaining experience on the Low Power Wide Area Network (LPWAN) technologies, 5G, Internet of Things (IoT) and related data analysis software platforms. One of the current key goals of R&D research is building new services based on cutting edge ICT technologies.
The Italian company aims to submit a proposal for Horizon 2020 funding under the call 5G PPP – 5G Innovations for verticals with third party services and is looking for an industrial partner with technical skills (for details, please read the partner sought description).
Deadline for EoIs: 20/04/2020
Deadline of the call: 22/04/2020

Advantages and Innovations

The company can provide a sound expertise in the installation, testing and activation of telecommunications systems and devices. Their laboratory is equipped with professional instruments (anechoic chamber, network analyzers, spectrum analyzers, Transverse ElectroMagnetic (TEM) cell) that fully support the design and test phases of electrical radio systems. Moreover, their strategic development plan led us to develop competences also in Low Power Wide Area Network (LPWAN) technologies and ICT platforms for data analysis and integration.
We can contribute in R&D activities / prototyping and building/maintaining mobile 5G and IoT network infrastructures in Smart City oriented projects. Possible contributions : (1) Technical implementation of mobile and IoT infrastructures and IT services. (2) Small cells infrastructures solutions. (3) Piloting of prototypes and developed applications in real world environments.

Stage of Development

Already on the market

Keywords

....

Technology

01003009	Data Protection, Storage, Cryptography, Security
01003025	Internet of Things
01006002	Broadband Technologies
01006003	Mobile Communications
01006005	Network Technology, Network Security

Market

01004007	Network test, monitoring and support equipment
01006002	Mobile communications, pagers and cellular radio

NACE

C.25.1.1	Manufacture of metal structures and parts of structures
J.61.2.0	Wireless telecommunications activities
J.63.1.1	Data processing, hosting and related activities

Network Contact

Issuing Partner

ZACHODNIOPOMORSKI UNIWERSYTET TECHNOLOGICZNY W SZCZECINIE

Contact Person

Pawel Zebrowski

Phone Number

+48 91 449 43 64

Email

pzebrowski@zut.edu.pl

Open for EOI :   Yes

Dissemination

Relevant Sector Groups

ICT Industry and Services

Client

Type and Size of Organisation Behind the Profile

Industry SME 50-249

Year Established

1966

Already Engaged in Trans-National Cooperation

Yes

Languages Spoken

English
French
Italian

Client Country

Italy

Partner Sought

....

Type and Role of Partner Sought

The partner sought is an industrial partner. It can be a Mobile Network Operator (MNO) or a 5G Radio Access Network (RAN) equipment vendor working on the development of next generation network infrastructures and open platforms supporting new cutting-edge applications and business cases.
The partner should be responsible for the implementation of the network infrastructure framework and/or involved in proof of concepts that aim to test new 5G-enabled applications. Network equipment and radio infrastructures will be hosted on the company's neutral host solutions for small cells and smart features in order to build a complete and innovative experimentation facility - a test-bed for next generation applications.

Type of Partnership Considered

Research cooperation agreement

Program - Call

....

Framework Program

H2020

Call title and identifier

5G PPP – 5G innovations for verticals with third party services

Coordinator Required

Yes

Deadline for EOI

20 Apr 2020

Deadline of the Call

22 Apr 2020

Weblink to the Call

https://ec.europa.eu/info/funding-tenders/opportunities/portal/screen/opportunities/topic-details/ict-41-2020;freeTextSearchKeyword=5g;typeCodes=1;statusCodes=31094502,31094501;programCode=H2020;programDivisionCode=null;focusAreaCode=null;crossCuttingPrio