In the framework of implementing the European Action entitled: SELFSUSTAINED CROSS BORDER CUSTOMIZED CYBERPHYSICAL SYSTEM EXPERIMENTS FOR CAPACITY BUILDING AMONG EUROPEAN STAKEHOLDERS, **AVN as participating beneficiary publishes the current invitation in an attempt to collaborate with two researchers** (Electrical engineering or Informatics engineering) for the implementation of the following tasks and deliverables (the final assignment will be made by Project Manager, after the selection and taking into account the qualifications and research background of researchers interested in participating).

The tasks mentioned concerns the first year of the Action since contracts will be made until the end of 2020. AVN retains the rights to renew the contracts for the whole period of the Action until the end of 2023 either with the researchers contracted for the first year (2020) or after publishing new invitation.

**Description of Action to be implemented:**
SMART4ALL builds capacity amongst European stakeholders via the development of selfsustained, cross-border experiments that transfer knowledge and technology between academia and industry. It targets CLEC CPS and the IoT and combines a set of unique characteristics that join together under a common vision different cultures, different policies, different geographical areas and different application domains. SMART4ALL brings a new paradigm for revealing "hidden innovation treasures" from SEE and helping them to find the path to market via new, innovative commercial products. As part of its strategy, the project will develop and maintain an active network of DIHs across SEE for supporting academics, start-ups, SMEs, and mid-caps entering the digitization era. The mechanisms for achieving this are the design and implementation of 88 cross-border PAEs that will be executed by the consortium members and by 3rd party consortia (academics, companies and mid-caps). The latter will be supported via welldefined regular open calls and will have a day-by-day coaching by SMART4ALL consortium for boosting the research ideas to successful products. PAEs will be actively supported by SMART4ALL DIH cluster throughout and after their execution. The targeted application areas are domains that are not adequately represented in current SAE projects and include digitized environment, digitized agriculture, digitized anything and digitized transport. SMART4ALL introduces also the concept of marketplace-as-a-service (MaaS) that acts as one-stop-smart-stop of SMART4ALL DIH cluster for offering tools, services, platforms based mainly on open sources technologies as well as technology suppliers-adopter matchmaking capabilities customized to the four thematic pillars of the project. Finally, SMART4ALL plans horizontal activities that will support the Digital Skills Agenda of EC and the support of sensitive social groups via ideas and products that have significant impact on their lives.

**Deliverables/Tasks to be involved (until 2020):**

| Deliverable/Task | Description |
| --- | --- |
| D1.1 | SMART4ALL Project Management Handbook |
| D1.2 | First Version of Data Management Plan (DMP) |
| D1.3 | Second Version of Data Management Plan (DMP) |

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| **D2.1** | SMART4ALL website |
| **D2.2** | Public Outreach Strategy |
| **D2.3** | Project Collaterals |
| **D2.4** | First Periodic Report on Dissemination and Communication Activities |
| **D3.1** | SMART4ALL Community Engagement Plan and Model |
| **D3.2** | First Periodic Report on Smart4ALL Ecosystem Activities |
| **D4.2** | First Version of SMART4ALL DIHs Business Plan |
| **D4.5** | First Version of Business Plan of the SMART4ALL Thematic Areas |
| **D5.1** | SMART4ALL Technology Portal |
| **D5.2** | First Version of SMART4ALL Technology Services Handbook |
| **D6.1** | Open Call Package of Documents 1 |
| **D6.2** | Open Call Package of Documents 2 |
| **D6.3** | Open Call Package of Documents 3 |
| **Task 7.1** | Pathfinder Application Experiment for Partner UoP |
| **D8.1** | First Periodic Impact Analysis Report |

**Details of Contracts awarded:**

1. Duration: until end of 2020, with possibility of renewal until the end of the Action
2. Description: Participation in the implantation of the Action deliverables shown above.
3. Reimbursement: on hourly basis according to the qualifications of the research and considering AVN reimbursement policy on researcher's hourly rate.
4. Timesheets must be kept for the time allocated on the Action and should be validated and signed on monthly basis by Project Manager

**Skills and Qualifications:**

Electronic Systems, Electronics Troubleshooting, Electronic Testing Design, Project Management, Quality Focus, Database Design, Analyzing Information, Reporting Research Results, Emphasizing Excellence, Innovation

Requirements Analysis, Planning, Database Management, Self-Motivated, Presenting Technical Information, Problem Solving, Data Modeling, Strategic Planning, Multi-tasking, Ad Hoc Reporting, Data Maintenance

CVs can be sent until 26/3/2020 via email at [hr@avntechgroup.com](mailto:hr@avntechgroup.com) or via regular mail at the following address:

**AVN Innovative Technology Solutions**
*133B Fraglin Rousvelt Ave*
*3011, Limassol*
*Cyprus*

Researchers will be notified via email. Interviews may be needed via skype.