

Prepared (Subject resp) EAB/TGN P. Ljungberg		No.		
Approved (Document resp)	Checked	Date 2012-09-10	Rev PA1	Reference

Security for heterogeneous access networks between micro-grid actors in the Virtual Smart Grid Laboratory

Introduction

To include SMEs (Small and Medium Sized) companies in EIT ICT Labs the concept of sub-granting specific items has been introduced. This call is issued for SME participation in the Virtual Smart Grid Laboratory within the EIT ICT Labs action line Smart Energy Systems 2013. Issuer of this task is the EIT ICT Labs partner Ericsson.

Task Description

Deliver a strong cryptographic solution for payment and transaction security for inclusion in the virtual smart grid laboratory. The solution shall be integrated on clients in the micro-grid where the information needs to be authorized and secured.

Use cases, [ref. EVSGL project description by KTH]

- Smart grid distribution automation
- Demand-response to prosumer applications
- Integration and system verification in close collaboration with participating partners in EVSGL during 2013.

Required Competence

- Mobile cryptographic security solutions for payments
- Proven track-record of agile SW development in Java ME for embedded devices
- Programming of server based PKI for multi-service applications
- Real-time system performance testing

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Application

Candidates that are eligible should apply with concept description, economic plan and references.

Review and selection will be handed by EIT ICT Labs task owner's audit based on an assessment of the technical and economical feasibility plus the ability to participate in the EVSGL partner group.

For this sub-grant a maximum of 40,000 EUR will be granted to cover the cost in full for the 2013 activities under the condition, that the activity subject to this call will be included in the EIT ICT Labs Business Plan 2013.

EIT task owner and contact person:

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