

CALL FOR APPLICATIONS

Job:

Job reference:	AE2019-0263 (AmBIENCE - CPES) INESC TEC - Instituto de Engenharia de Sistemas e Computadores, Tecnologia e Ciência
Position:	Research Grants (BI)
City:	Porto
Research field:	Main: ENGINEERING Sub: Computer engineering

Job summary:

INESC TEC is accepting applications to award 1 Research Grant for MSC .

Project:	Active managed Buildings with Energy performance Contracting
Scientific Advisor:	David Emanuel Rua
Duration Grant:	from 2020-01-01 to 2020-12-31 (12) eventually renewable until the project conclusion or budget.
Location:	INESC TEC, Porto, Portugal

Job description:

Work Area: Data gathering and analysis

Project overview: The AmBIENCE project aims at extending the concept of Energy Performance Contracting to Active Building and making it available and attractive to a wider range of buildings. The key point towards achieving an "active" building is to increase the willingness to invest in technological capabilities that offer energy and non-energy services. In this regard, AmBIENCE provides new business models and services for performance guarantee of active buildings.

Objectives: The main objective of this work plan is data gathering and data preparation for validating proof-of-concept in AmBIENCE project - Coordination of activities for data gathering from Porto and Belgium pilot - Managing the data storing and reading for input of conceptual model in AmBIENCE - Tool adaptation with the data from the pilots

Academic Qualifications:	Master's degree in informatics engineering
Minimum Profile required:	Advance knowledge in IT - Advance knowledge in programming - Fluent in English (spoken and written)
Preference factors:	Experience with energy systems related problems - Experience with databases and data collection
Monthly Grant:	€989,70 (MSC) according to the Stipends values of the grants awarded directly by the FCT, paid by bank transfer. The grant holder may also benefit from additional incomes in the sequence of a quarterly evaluation process (Clauses 12 and 13 of INESC TEC Grants Regulation and Annex II), up to a maximum of 50% of the monthly grant.

Project duration: 2019-06-01 a 2021-11-30

Funding Entity: CE

The grant contract shall be submitted to the legislation concerning the Research Grant Holder Statute , approved by Law n 40/2004, dated 18 August, amended and republished by Decree-Law No. 202/2012 of 27 August and amended by Decree-Law No. 233/2012 of 29 October and by Law No. 12/2013, of January 29, and Decree-Law No. 89/2013 of July 9 as well as by INESC TEC Grant Regulation , approved by FCT - Fundação para a Ciência e a Tecnologia (Science and Technology Foundation) in 12 January 2011 and FCT current Grant Regulation.

Additional information about [INESC TEC Grants Regulation](#) and relating annexes may be found at www.inesctec.pt/grants

Selection Criteria: Curriculum evaluation based on the criteria referred to in Clause 7 [INESC TEC Grants Regulation](#) and will include individual interviews in the final stage of the selection process, with its valuation: 90% curriculum evaluation (40% CV, 30% scientific domains and 20% Expertise) and 10% interview.

Selection Jury: President of the Jury: Prof. Carlos Moreira;
Member: Prof. Filipe Joel Soares;
Member: Prof. André Guimarães Madureira;

Notification of results: The results of the selection process will be disseminated to interested parties by mail, as referred to in Clause 8 of [INESC TEC Grants Regulation](#).

Application period: From 2019-11-07 to 2019-11-21

Application submission: Fill in the electronic form in the section [Work with Us](#) at www.inesctec.pt , attaching the Curriculum Vitae, certificate of qualifications and other supporting documents relevant to the final assessment.