INESCTEC

CALL FOR APPLICATIONS

Job:

Job reference:	AE2019-0029 (INESC TEC LA - CPES)
	INESC TEC - Instituto de Engenharia de Sistemas e Computadores, Tecnologia e Ciência
Position:	Research Grants (BI)
City:	Porto
Research field:	Main: ENGINEERING
	Sub: Electrical engineering,Electronic engineering

Job summary:

INESC TEC is accepting applications to award 1 Research Grant for MSC .	
Project:	INESC TEC - UID/EEA/50014/2019
Scientific Advisor:	David Emanuel Rua
Duration Grant:	from 2019-04-01 to 2019-12-31 (9) eventually renewable.
Location:	INESC TEC, Porto, Portugal

Job description:

Work Area: Power Systems

Project overview: Development of energy models for devices and systems associated with buildings as well as different optimization algorithms within the scope of the InteGrid project. The grantee will work in the design and development of SW solutions that will be part of the energy management system for buildings.

Objectives: Define different energy models for devices, systems and buildings. Design and implementation of optimization algorithms for embedded computation platforms. Publish results in conferences and scientific journals.

Academic Qualifications:	Master in Electrical Engineering/Electronics
Minimum Profile required:	Knowledge in implementing energy models;
	Advances knowledge in optimization algorithms;
	Programming skills;
	Fluency in English (spoken and written);
Preference factors:	Knowledge in C/C++; Experience in integrating applications in embedded systems; Experience in designing user interfaces.
Monthly Grant:	€980,00 (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:	-
Funding Entity:	Funded by National Funds through FCT - Portuguese Foundation for Science and Technology, I.P.,in the scope of the project UID/EEA/50014/2019

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. Only those candidates who obtain at least 70% in the curricular evaluation (CV + Scientific Domain + Experience) will be called for the interview.

Selection Jury:	President of the Jury: Prof. David Emanuel Rua;
	Member: Prof. Ricardo Jorge Bessa;
	Member: Prof. Bernardo Silva;
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 2019-02-20 to 2019-03-10
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.

Governo da República Portuguesa

FCT
Fundação para a Ciência e a Tecnologia
MINISTÉRIO DA EDUCAÇÃO E CIÊNCIA