

CALL FOR APPLICATIONS

Job:

Job reference:	AE2019-0202 (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

Job summary:

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

Project:	INESC TEC - UID/EEA/50014/2019
Scientific Advisor:	José Villar
Duration Grant:	from 2019-10-01 to 2020-09-30 (12) eventually renewable.
Location:	INESC TEC, Porto, Portugal

Job description:

Work Area: Power Systems

Project overview: The work aims to develop a blockchain platform for an energy market where producers with renewable energy, local communities, and prosumers (with self-generation and storage units, aggregated or operating individually) can sell renewable energy with their peers through the use of intelligent contracts, but considering the limitations of the distribution network.

Objectives: Design, analysis and development of the P2p2 blockchain powered platform for energy trading. Writing of reports and scientific papers. The topic to be addressed could be further developed in a PhD dissertation

Academic Qualifications:	Master Degree in Electrical Engineering, Informatics, Computer Science or similar.
Minimum Profile required:	: Knowledge of programming languages. Fluency in English.
Preference factors:	Background in electric power systems. Experience in developing studies on the steady-state behaviour of electric power systems.
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:	-
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. José Villar; 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 2019-08-14 to 2019-09-15
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.