

CALL FOR APPLICATIONS

Job:

Job reference:	AE2019-0311 (EUniversal - CPES) INESC TEC - Instituto de Engenharia de Sistemas e Computadores, Tecnologia e Ciência
Position:	
City:	Porto
Research field:	Main: ENGINEERING Sub: Electrical engineering

Job summary:

INESC TEC is accepting applications to award 1 Scientific Research Grant .	
Project:	MARKET ENABLING INTERFACE TO UNLOCK FLEXIBILITY SOLUTIONS FOR COST-EFFECTIVE MANAGEMENT OF SMARTER DISTRIBUTION GRIDS
Scientific Advisor:	Clara Sofia Gouveia
Duration Grant:	from 2020-02-01 to 2021-01-31 (12) eventually renewable until the project conclusion or budget.
Location:	INESC TEC, Porto, Portugal

Job description:

Work Area: Distribution network planning considering the integration of distributed energy resources
Project overview: The European Project SENSIBLE has a strong industrial cooperation, where the main goal is to develop innovative solutions for smart grids, promoting the integration of new flexibility services provided by distributed energy resources. The work involves the development of new methodologies for the distribution network planning considering the provision of new flexibility services by distributed energy resources and network resilience.
Objectives: Analysis of EU regulatory context for flexibility services Specification of flexibility services for grid support Participation in the definition of operation resilience for distribution networks Develop new methodologies for distribution network planning considering the integration of distributed energy resources and resilience

Academic Qualifications:	Master in Electrical Engineering
Minimum Profile required:	Strong knowledge in power systems Experience in electric power systems simulation
Preference factors:	Strong experience in network planning methodologies for distribution grids Strong programming skills Experience in reliability analysis of electric power systems
Monthly Grant:	€ 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:	2020-02-01 a 2023-06-30
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. Clara Sofia Gouveia; Member: Prof. Manuel Matos; Member: Prof. Jorge Correia Pereira;
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 2019-11-18 to 2019-11-29
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.