

JOB ADVERTISEMENT

Recruitment of 1 Doctorate in the field of Energy Systems

INESC TEC - Institute for Systems and Computer Engineering, Technology and Science, a private non-profit research institution, is accepting applications to hire a doctorate researcher for an undefined term resolutive contract to work at INESC TEC's Centre for Enterprise Systems Engineering (CESE).

The hiring process will follow what is provided in Decree-Law 57/2016, August 29, approving the Legal Framework on the Scientific Employment, hereinafter referred to as RJEC, as amended by Act No 57/2017 of 19 July by the Executory Decision No. 11-A/2017 dated 29 December by the Labour Code and by other legislation applicable to individual employment contracts, as well as the internal rules of INESC TEC, considering the specific conditions that are specified in the legal regime mentioned above for hiring doctorates under the projects financed by public funds.

The contract will be for an indefinite period under the project "UNiTED", with the reference POCI-01-0145-FEDER-029803, funded by FEDER funds through the Operational Programme "Competitiveness and Internationalisation" - COMPETE 2020 and by national funds (PIDDAC) through FCT/MCTES. However, INESC TEC can, at any moment, hire the researcher on a permanent basis.

RESPONSABILITIES

The R&D activities are related to the FCT project UNiTED (Unlocking demand response potential with Next generation innovative optimization Tools Empowering prosumers and Distribution grid benefits), Ref. 02/SAICT/2017 - POCI-01-0145-FEDER-02980.s.

WORK PLACE: INESC TEC, Porto, Portugal

WORK AREA: Decision support systems for quality management of intermodal transport public services. The FCT project UNiTED aims is to bridge the gap between citizens and solution providers such as aggregators, retailers, DSOs and all other agents providing energy services, by making significant contributions in several layers of DR management and by studying its environmental and socio-economic perspective.

REQUIRED PROFILE

Portuguese or foreign nationals, or even stateless, holding a PhD degree in Electrical and Computers Engineering or related scientific area. Candidates should have a scientific and professional curriculum showing a relevant profile for the activity to be developed. If the PhD degree has been awarded by a foreign higher education institution, must be in accordance with what is provided in Decree-Law No. 341/2007, 12 October, and in the Ordinance 227/2017, 25 July. Any formalities established there must be met until the application deadline.

Minimum requirements:

PhD holders with post-doctoral experience or scientific curriculum after the doctoral degree compatible with the category of the scientific research career corresponding to the remuneration level defined below.

Preferred qualifications: Participation, including the coordination role, in R&D projects related to Energy Systems (sustainable energy and smart grids).

SALARY LEVEL

In accordance with Article 15 of RJEC and Article 2 of Executory Decision mentioned above, the salary to be awarded corresponds to the 1st position of the initial level - junior researcher, by reference to the corresponding category of the career status of scientific research, approved by Decree-Law 124/99 dated April 20, as it stands.

EVALUATION AND SELECTION PROCESS

In accordance with Article 5 of RJEC, the candidate will be selected based on the evaluation of his scientific and curricular career. Emphasis will be on the relevance, quality and suitability of the applicant's career, in accordance with the following evaluation factors and weighting scheme:

F1: scientific and technological output: Weight 30%

F2: applied research activities, or based on experience: Weight 40%

F3: outreach activities and dissemination of knowledge: Weight 30%

Scoring: When assessing the candidate's scientific career, each member of the selection jury will score each evaluation factor on a scale of 1 to 100, for every candidate. For that, the jury will take into consideration the responsibilities of the position and assess if the previous experience is suitable, including the preparation of applications to calls, the content of scientific publications and their relation to the areas or sub-areas in the job ad, and the previous experience in the management of research teams and the implementation of projects in the area of virtual and augmented reality. The final result of the curricular evaluation (RFC) is scored on a scale of 0 to 100, which is calculated by weighing each factor using the following formula: $RFC = 0.30 \cdot F1 + 0.40 \cdot F2 + 0.30 \cdot F3$.

Selection criteria: Selection criteria: The final evaluation (AVAL) will be based on the criteria mentioned above and on an individual interview at the final stage of the selection process, in accordance with the following percentages: 90% curricular evaluation (RFC) and 10% interview (RFE), resulting in a final score attributed to each candidate by all members of the jury: $AVAL = 0.90 \cdot RFC + 0.10 \cdot RFE$. Each member of the jury should justify his scores. The best five candidates will be invited for an interview.

Based on this evaluation and its corresponding score, the jury will establish a sorted list of the candidates with the corresponding overall evaluation score. Minutes of meetings shall be drawn up.

SELECTION JURY

In accordance with article No. 13 of the RJEC, the jury is composed of the following members:

President of the jury: João Catalão
Full Member: Ricardo Jorge Bessa
Full Member: Bernardo Silva

APPLICATION

Application period: 8 august to 30 august 2018

Submission: The candidate should fill out the application form at www.inesctec.pt, in the section WORK WITH US:

The candidate should also submit a cover letter, addressed to the President of INESC TEC, as well as the following documents:

- Copy of certificate or diploma degree
- PhD thesis
- Curriculum Vitae, highlighting the scientific and technological production, the activities of applied research or based on practice and the activities of extension and dissemination of knowledge in the last five years, that you consider more relevant or with greater impact in order to allow the corresponding relevance, quality, timeliness and adequacy.
- Other documents that you consider relevant for the evaluation of the scientific and curricular journey.

NOTIFICATION OF THE RESULTS: the results of the selection process will be disclosed to the candidates by email.

Prior hearing and the deadline for the final decision: After being notified, the candidates have 10 working days to comment on the results of the selection process under their right to a prior hearing. The final decision of the jury will be given within 5 days from the deadline for the decision under the right to a prior hearing.

This application is solely for the position described. The process will cease after the list of the candidates is ratified and the position is filled.

Equality and non-discrimination policy: INESC TEC actively promotes an equality and non-discrimination policy. Therefore, no candidate can be privileged, benefited or affected because of their ancestry, age, gender, sexual orientation, marital status, family situation, economic situation, education, origin or social condition, genetic heritage, reduced capacity for work, disability, chronic illness, nationality, ethnicity or race, country of origin, language, religion, political or ideological beliefs, or union membership.

The candidate with a disability has preference under conditions of equal classification. Candidates must declare on the application form, under word of honour, the respective degree of incapacity, the type of disability and the means of communication to be used in the selection process, in accordance with the above mentioned diploma.

The Executive Commission of INESC TEC approved this job advertisement at a meeting on 24 July 2018, also being responsible for the final decision on hiring.

