CALL FOR APPLICATIONS: RESEARCHER

Job/position/grant:

Job reference:	AE2024-0368 (ATE - CRAS)
	INESC TEC - Instituto de Engenharia de Sistemas e Computadores, Tecnologia e Ciência
Job/position/grant:	RESEARCHER
City:	Porto
Research field:	Main: ENGINEERING
	Sub: Electrical engineering

Job summary:

INESC TEC is accepting applications for 1 RESEARCHER job in the Computer Science - Smart Power Grids

Project:	Alliance for Energy Transition
Scientific Advisor:	Eduardo Silva
Start Date:	2024-10-14
Location:	INESC TEC, Porto, Portugal

Job description:

Work Area: Computer Science - Smart Power Grids

Project overview: The Alliance for Energy Transition (ATE) project aims to develop and industrialize new technologies to support the decarbonization of society, taking advantage of technological and scientific knowledge in the field of Energy in Portugal. O selected candidate will be responsible for the management and technical operation of a marine renewable energy production and injection site in the electricity grid and the control of renewable production. It must also implement an operation and maintenance plan and the evolution of the testing infrastructure, in particular regarding the specification of the installation's supervision, protection, command and control system which foresees the installation of a new substation and marine connections (offshore), a submarine cable to land and a substation on land with connection to the national electricity grid based on greater injection capacity into the grid.

Objectives: Technically responsible for the operation and maintenance of a marine renewable energy testing site and the injection of energy produced on the electrical grid; - Identify opportunities for developing the test site, namely in the specification of a system of supervision, protection, command and control of the installation; - Monitor the adaptation and development process of the installation, with a view to increasing its testing capacity for new prototypes and increasing production capacity and injection into the network.

Academic Qualifications:	Bachelor's Degree or Master's degree in electrical engineering, electrical power systems, or related field.
Minimum profile required:	- Experience in renewable energy production solutions. - Experience in electrical production sites. - Experience in the design, configuration, or commissioning of supervision and control systems.
Preference factors:	- Experience in command, control, and protection systems for medium and high voltage installations. - Experience in factory test definition procedures, certification tests, or commissioning. - Fluency in Portuguese (written and spoken). - Fluency in English (written and spoken).

Funding Entity:	ATE funded by IAPMEI with reference 56 Co-financed by Component 5 - Capitalization and Business Innovation, integrated in the Resilience Dimension of the Recovery and Resilience Plan within the scope of the Recovery and Resilience Mechanism (MRR) of the European Union (EU), framed in the Next Generation EU, for the period 2021 - 2026.
Type of contract:	Uncertain term contract

The hiring shall be governed by what is stipulated in the legislation in force regarding uncertain term employment contracts and by INESC TEC norms.

Selection criteria:	The selection of the candidates will be based on the following criteria, in descending order of consideration: a) Relevant Curriculum in the concerned field of this tender b) Proven experience.
Disability Incentive:	Candidates who present a degree of disability equal to or greater than 90% will benefit from an incentive (20) in the score of the CV Assessment. Candidates who present a degree of disability equal to or greater than 60% and less than 90% will also benefit from an incentive (10) in the score of the CV Assessment. Said score may, in these cases, exceed 100 points. Candidates must demonstrate the degree of disability during the application, namely through the submission of the Multi-Purpose Medical Certificate of Disability, issued in accordance with Decree-Law no. 202/96, of October 23 - currently in effect. Candidates must declare, in the application form, the type of disability used throughout the selection process, in order to proceed with the required adaptations.

PRR Plano de Recuperação e Resiliência
REPÚBLICA PORTUGUESA
Financiado pela União Europeia NextGenerationEU

Selection Jury:	President of the Jury: Eduardo Silva; Member: Clara Sofia Gouveia; Member: Diana Viegas;
Notification of results:	The results of the selection process will be sent to the interested by electronic mail.
Application period:	From 2024-08-26 to 2024-09-27
Application submission:	Electronic form filling in www.inesctec.pt in the section Work with Us

PRR Plano de Recuperação e Resiliência
REPÚBLICA PORTUGUESA
Financiado pela União Europeia NextGenerationEU