



## **CALL FOR THE SELECTION OF TEMPORARY RESEARCH PERSONNEL TO CARRY OUT SPECIFIC SCIENTIFIC AND TECHNICAL RESEARCH PROJECTS.**

The COIE is requested to make a public call for the selection of temporary research personnel to carry out specific scientific and technical research projects to be funded, in accordance with the following:

### **RULES**

#### **FIRST.- PURPOSE OF THE CALL**

The purpose of the call is the selection of research personnel (No. of post offered 1), to carry out the Project 'DIGITAL TWINS FOR THE DESIGN AND DEVELOPMENT OF NEW CABLES USED IN CRITICAL SECTORS/INFRASTRUCTURES WITH BETTER FIRE PERFORMANCES (VULCABLE) (CPP2022-010025 funded by MICIU/AEI/10.13039/501100011033 and EU Next GenerationEU/PRTR)', whose principal investigator is Mr / Mrs. Daniel Alvear Portilla of the department / institute Transport and Technology of Projects and Processes and its funding will be covered by the budget application 04.09.00.NL06.541A-643.52 corresponding to the following modality MICIU/AEI/10.13039/501100011033 and EU Next GenerationEU/PRTR

#### **SECOND.- FUNCTIONS AND TASKS OF THE POSITION**

`-Influence of Different Factors on the Fire Behavior of Cables

Experimental Analysis of Fire Behavior of Cables at Different Scales

Processing of Experimental and Numerical Results

`-Project Management and Coordination

Participation in the Dissemination of Results

#### **THIRD.- POSITION CATEGORY AND QUALIFICATION REQUIRED**

RESEARCHER - UNIVERSITY DEGREE responsibility I

Degree in Industrial Technologies Engineering

#### **FOURTH.- REQUIREMENTS FOR APPLICANTS**

Applicants must meet the following requirements:

1) Have Spanish nationality or have the nationality of a member state of the European Union or be from any of the states in which, by virtue of international treaties established by the E.U. and ratified by Spain, the free movement of workers is applicable. Likewise, applicants with a nationality other than that mentioned above may submit their application, provided they can prove that they are in possession of a work and residence permit at the time the contract is formalized.

2) To be in possession of the qualification required in this call. Documents issued abroad that are to be used in this procedure must be legalized in accordance with the current regulations (Management circular number 134).

3) Persons who have had an employment contract for access to the Spanish science, technology and innovation system, governed by article 22 of Law 14/2011 of 1 June on Science, Technology and Innovation of a duration equal to or greater than 5 years, taking into account the duration of this job offer, may not participate in the selection process.

#### **FIFTH.- APPLICATIONS**

In addition to registering for the offer through UC Placement Agency Portal (<https://web.unican.es/agenciacolocacion>), applicants must submit the following documentation to the department/unit within the 5 working days, counting from the day following its publication, or send all scanned by e-mail ([secretaria.transportes@unican.es](mailto:secretaria.transportes@unican.es)), indicating the offer to which it refers:

- 'Application form for calls for selection of research personnel', completed. Available on the web site of the placement agency.
- Photocopy of the National Identity Card, or equivalent document.
- Photocopy of the degree or proof of having paid the corresponding fee for issuance of the degree.
- Academic and professional curriculum vitae and supporting documents of the submitted merits.

#### **SIXTH .- DURATION**



In order to proceed with the formalisation of the contract once the selection process has been passed, the selected person must meet the requirements established in Article 15.5 of Royal Legislative Decree 2/2015, of 23 October, which approves the revised text of the Workers' Statute Law (modified by Royal Decree-Law 32/2021, of 28 December).

This contract will be for a fixed term and is linked to the execution of a temporary programme financed by funds for the execution of the Recovery, Transformation and Resilience Plan or temporary programmes financed by European Union funds and is signed in accordance with the provisions of the fifth additional provision of Royal Decree-Law 32/2021, of 28 December, on urgent measures for labour reform, the guarantee of employment stability and the transformation of the labour market, will be for 3 months Full-time fixed-term contract, and may be extended until the end of the programme or project and the existence of credit.

#### **SEVENTH.- REMUNERATION**

The employee's salary will be 4237,2 (gross salary including the proportional part of the extraordinary payments during the contract).

#### **EIGHTH.- MERITS ASSESSMENT**

Once the deadline for the presentation of applications has expired, the Selection Committee shall proceed to evaluate the merits based on the documentation provided, and may agree, if deemed convenient, to conduct a personal interview with all or some of the candidates.

#### **NINTH.- EVALUATION COMMISSION**

The evaluation committee will be made up of the following persons:

Mr/Mrs Daniel Alvear Portilla

Mr/Mrs Mariano Lázaro Urrutia

Mr/Mrs Gemma Ortiz Romero

In Santander on October 15, 2024

Signed by the Project Responsible



**ANNEX I**  
**MERITS TO BE VALUED**

**OTHER OFFICIAL QUALIFICATIONS:**

No requerido / Not required

**EXPERIENCE IN RELATION TO THE WORK TO BE PERFORMED:**

60 POINTS

Experience in the field of Fire Safety will be valued: - Having demonstrable knowledge related to modeling and computational simulation of fires. - Having demonstrable knowledge in the area of Combustion and Fire Dynamics. - Having knowledge and experience in the handling and management of Calorimetry equipment, such as Cone Calorimeter, Mass Loss Calorimeter, and 'Fire Propagation Apparatus', and in the handling of thermal analysis equipment for materials, such as Simultaneous Thermal Analyzer (STA) and Laser Flash Apparatus (LFA). Particularly valued will be knowledge in handling large-scale equipment such as the Room Corner Test.

**COMPLEMENTARY TRAINING:**

10 POINTS

Training related to the field of Fire Safety

**LANGUAGES:**

10 POINTS

Minimum level of English C1. A good level spoken and written English would be evaluated

**OTHER MERITS:**

20 POINTS

' - Participation in R&D projects.

-Proficiency in English, both spoken and written, beyond the required level will be valued, even if the corresponding certification has not been obtained.

- Willingness to travel internationally.

**PERSONAL INTERVIEW:**

0 POINTS

A personal interview will be held with the candidate with the highest score to check that his or her CV matches the job profile.