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 INDUSTRIES/INFRASTRUCTURE WITH IMPROVED FIRE PERFORMANCE (VULCABLE) (CPP2022-010025 funded by MICIU/AEI/10.13039/501100011033 and by European Union NextGenerationEU/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.64352 corresponding to the following modality MICIU/AEI/10.13039/501100011033 and by European Union NextGenerationEU/PRTR

SECOND.- FUNCTIONS AND TASKS OF THE POSITION

- Development of the prototype of the digital, including testing and analysis of the results.
- Participation in additional FPA trials.
- Adaptation of the software to incorporate various functionalities.C20
- Project management and coordination.
- Participation in the dissemination of results.

THIRD.- POSITION CATEGORY AND QUALIFICATION REQUIRED

DOCTORAL RESEARCHER responsibility IV

PhD in 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 a fixed-term contract or production circumstances contract for the same research project or who have been contracted for other projects in the last twenty-four months for a period exceeding eighteen months, taking into account the time of the present job offer, in accordance with the provisions of article 15.5 Royal Legislative Decree 2/2015, of 23 October, approving the revised text of the Workers' Statute Law, may not participate in the selection process.

4) Contracts signed prior to 31 December 2021 under Law 14/2011, of 1 June, on Science, Technology and Innovation, will not be taken into consideration for the purposes indicated in the previous paragraph (Additional Provision 23, section 1).

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), 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 monthsFull-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 7724,61 € (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 Manuel Daniel Alvear Portilla

Mr/Mrs Mariano Lázaro Urrutia

Mr/Mrs Gemma Ortiz Romero

In Santander on September 9, 2026

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:

Experience in the field of Fire Safety will be valued (20 points):

- Having demonstrable knowledge related to modeling and computational simulation of fires.
- Having demonstrable knowledge in the area of Combustion and Fire Dynamics.

COMPLEMENTARY TRAINING:

- Knowledge in the use of software such as Unity 3D, AutoCAD, among others.
- Basic programming knowledge, especially in MATLAB.
- Skills in designing and integrating virtual environments.

(25 points)

LANGUAGES:

Minimum level of English B2. A good level spoken and written English would be evaluated (10 points).

OTHER MERITS:

- 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.

(20 points)

PERSONAL INTERVIEW:

A personal interview will be conducted with all candidates who apply (25 points).