

## **JOB ADVERTISEMENT**

### **SCIENTIFIC EMPLOYMENT – INSTITUTIONAL SUPPORT – ASSOCIATED LABORATORIES**

#### **HIRING OF 1 (ONE) DOCTORATE**

**INESC TEC - Institute for Systems and Computer Engineering, Technology and Science**, private research institution, is accepting applications for hiring 1 (one) doctorate researcher with an employment permanent contract, under the Programme Contract concluded with the Foundation for Science and Technology (FCT), following the Institutional Support Tender Procedure - Associated Laboratories (CEECINSTLA/00010/2022).

The hiring shall be governed by the Decree-Law 57/2016 dated August 29, which approves the Legal Framework on the Scientific Employment, as amended by Law No 57/2017 of 19 July, hereinafter referred to as “LFSE”, by the Regulatory Decree 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, also considering the specific conditions provided for in the Programme Contract concluded with FCT for the funding of the above-mentioned employment contract.

#### **HIRING SALARY LEVEL**

Considering the position approved for funding in the Programme Contract (**Principal Researcher**) and in accordance with Article 15 of RJEC and Article 2 of Regulatory Decree no. 11-A/2017, of 29 December, the gross basic monthly salary to be awarded is at least €3. 867.03, corresponding to the 1st remuneration level of the Principal Researcher, as set out in the table in article 2 of Regulatory Decree no. 11-A/2017, of 29 December, with the updates that have occurred in the meantime, and INESC TEC may pay higher amounts for the same level and category, in accordance with its internal remuneration policy, to be agreed with the selected candidate.

**RESEARCH FIELD:** Wireless Communications

#### **FUNCTIONAL DESCRIPTION**

Coordination and execution of R&D and knowledge valorization projects, preparation of R&D project applications, team management and supervision of junior researchers, scientific production oriented to international journals and conferences, intervention in the scientific and professional communities, as well as coordination and participation in scientific and technological dissemination initiatives

#### **WORK PLACE**

INESC TEC, Porto, Portugal

## DUTIES TO BE PERFORMED

Tasks to be performed include:

- a) development of scientific activity in the area of Wireless Networks, aligned with scenarios of next-generation wireless networks (e.g. 6G), including mobile base stations, convergence between computer vision and wireless communications, and Integrated Sensing and Communications (ISAC);
- b) leadership in the preparation of applications for R&D projects and in the activity of knowledge valorisation, including exploitation of intellectual property;
- c) implementation of R&D projects, including coordination and management activities;
- d) development of scientific activity oriented to publication in international journals and conferences, as well as scientific supervision and training of post-graduate HR, leadership of R&D teams, and coordination and participation in scientific and technological dissemination initiatives;
- e) definition of new opportunities and areas of activity, in accordance with the options defined in INESC TEC's strategic plan and in line with the scientific strategy of the Centre for Telecommunications and Multimedia and the Communications Scientific Domain.

## REQUIRED PROFILE

Nationals, foreigners and stateless persons who hold a PhD degree in Electrical and Computer Engineering, Computer Science, or a related scientific area, and who have a scientific and professional curriculum that demonstrates a profile appropriate to the tasks to be developed.

### Minimum requirements:

PhD for more than 5 years, with a relevant curriculum in the scientific area to which the candidate is applying, demonstrating scientific independence in the last 3 years, and in this period with a minimum number of 3 publications in international Q1 journals (SCOPUS), excluding publications in MDPI and Frontiers journals. Previous experience in the preparation of proposals and implementation of national and international research projects in the communications domain.

**Preference factors:** proficiency in English; publications in last 5 years in Q1 journals and CORE A\*/A/B conferences and participation in international research projects in the area of Telecommunications and Wireless Networks; experience in interacting with national and international stakeholders (companies, RTO, universities) and in evaluating and identifying opportunities in the communications area; experience in management positions within international research teams and projects in the Communications Scientific Domain.

## FORMALISATION OF THE APPLICATIONS

The applications will be formalised by submitting an electronic form in [www.inesctec.pt](http://www.inesctec.pt) in the section “Work with us > Research opportunities”.

In the same form, each candidate must upload the following documents:

- **Motivation letter** for the job position, addressed to the Chief Executive Officer of INESC TEC, including an **activity and career development plan** for a maximum period of 6 years. The description should reveal the compliance of this plan with INESC TEC's strategy (see Chapter 2 of [INESC TEC's Activity Plan for 2024](#) and the duties to be performed and should not contain more than 2000 words and no more than 5 pages;

- **Curriculum Vitae**, highlighting all the higher education, the scientific and technological production, the activities of basic, applied or practice based research, the activities of extension and knowledge dissemination and the science management activities in the last five years, that the candidate considers more relevant or with greater impact in order to allow the assessment of the corresponding relevance, quality, timeliness and adequacy.
- **Copy of certificates or diplomas degree;**
- **Other documents** that you consider relevant for the evaluation of the scientific and curricular path.

Candidates who formalise their applications incorrectly or who do not fulfil the demanded requirements will be excluded from the tender.

The jury has the power to require any candidate, if in doubt, to present supporting documents for their statements. The false statements made by the candidates shall be penalised by law.

## EVALUATION AND SELECTION PROCESS

The evaluation is carried out in two phases, which will result in a final classification between 0 and 100 points.

### First phase: Curricular assessment

The selection is made through the evaluation of the motivation letter, which will include the activity and career development plan, and of the scientific and curricular journey, focusing on the scientific production and professional activity in the **last five years that the candidate considers more relevant**. This five year period may be extended by the jury, at the request of the candidate, if reasoned on suspension of the scientific activity for socially protected reasons, namely for parental leave, serious and protracted illness, and other legally protected situations of unavailability for work.

The scientific and professional curriculum of the candidate will be evaluated focusing on the relevance, quality and timeliness of the factors referred to in Article 5 (2) (a) to (d) of the LFSE and of the motivation letter in the subject area(s) of the tender, considering the specific requirements and the adequacy for the duties to be performed.

- F1 - Scientific, technological, cultural or artistic production that the candidate considers more relevant.
- F2 – Applied or practice-based research activities that the candidate considers with greater impact.
- F3 - Activities of extension and dissemination of knowledge, namely in the promotion of the scientific culture and practices that the candidate considers more relevant.
- F4 - Management activities of projects and of science, technology and innovation programmes, or experience in observing, monitoring and evaluating the scientific and technological or the higher education systems in Portugal or abroad. Included here are the activities of preparation and submission of applications for science, technology and innovation projects.
- F5 - Motivation letter, including the activity and career development plan, integrated and consistent with the duties to be developed under the strategic project of INESC TEC.

The evaluation of all candidates in the first phase must be completed within a period of no more than one calendar month after the applications are received.

The candidates who have obtained less than 70 points in the average of the curricular assessments of the members of the jury will be considered not approved in absolute merit.

The top five candidates in the average of the curricular assessments that were approved in absolute merit will be qualified for the second phase, consisting of an individual interview, either face-to-face or through videoconference. The interview will weight 10% of the final classification. The candidates who do not qualify for the second phase will have a classification of 0 in the interview.

#### Second phase: Interview

In accordance with Article 5(5) of the LFSE, as it stands, the Jury will individually interview each candidate that is qualified to the second phase.

During the interview, the members of the Jury will stimulate an open debate about the quality and the innovative and creative nature of the research and professional activity of the candidates, considering the requirements and the subject areas of the specific tender procedure.

The interviews will be conducted within a period not exceeding 10 working days after the decision of the Jury.

### **FUNCTIONING OF THE JURY**

Each member of the Jury will assess all the candidates in all the factors from F1 to F5 between 0 and 100 and must present the reasons for the scores attributed. Abstention is not allowed.

The same procedure will apply to the candidates that qualify for the interview.

The candidates who do not qualify for the interview will have 0 points in the second phase.

The curricular assessment (AC) of each candidate is obtained by the weighted average of the factors (Fi) multiplied by the weighting coefficients for the specific position, as provided below, rounded to the nearest tenth.

$$AC = F1*0.25 + F2*0.15 + F3*0.15 + F4*0.25 + F5*0.2$$

The final classification (CF) is obtained by the average of the curricular assessment and the interview (E), multiplied by the weighting coefficients, as provided below, rounded to the nearest unit.

$$CF = AC*0.9 + E*0.1$$

After completing the application of the selection criteria, each member of the Jury will sort the candidates according to the final classification assigned to them. Based on this sorting, the Jury will sort the candidates by successive clearance to the first place and following places (each member of the jury follows their personal sorting). The clearance is carried out when a candidate obtains more than half of the votes. If this doesn't happen in the first voting for a particular place, the least voted candidate is eliminated and the procedure is repeated with the remaining candidates (with tie breakers based on the average of the final classifications).

The Jury will advise the hiring of the candidate approved in absolute merit sorted in the first place.

Minutes of the jury meetings shall be drawn up, containing a summary of what has arisen from them, as well as the votes cast by each one of the members and their reasons, and shall be held available on request to the candidates.

#### **SELECTION JURY**

In accordance with article 13 of LFSE, the jury is composed of:

President of the Jury: Rui Lopes Campos  
Full Member: Hélder Martins Fontes  
Full Member: Luís Manuel de Sousa Pessoa  
Full Member: Filipe André Sampaio Ribeiro  
Full Member: Paula Maria Marques de Moura Gomes Viana

#### **APPLICATION PERIOD**

Application period: from 07 March to 29 March 2024

#### **NOTIFICATION OF THE RESULTS, PRELIMINARY HEARING AND FINAL DECISION OF THE RESULTS**

The results of the selection process will be disclosed to the candidates by email.

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

The present tender is exclusively for occupying the indicated vacancy, expiring once the position is filled.

#### **NON-DISCRIMINATION AND EQUAL ACCESS POLICY**

INESC TEC actively promotes a policy of non-discrimination and equal access, so that no candidate can be privileged, benefited, harmed or deprived of any right or exempted from any duty, on basis of origin, age, sex, sexual orientation, marital status, family situation, economic situation, education, social origin or condition, genetic heritage, reduced capacity for work, disability, chronic illness, nationality, ethnic origin or race, region of origin, language, religion, political or ideological convictions and trade 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.

#### **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.

The Executive Board of INESC TEC approved this job advertisement in the meeting of 29 February 2024, also being responsible for the final decision on the hiring.