

NOTICE OF OPENING OF INTERNATIONAL SELECTION PROCEDURE FOR HIRING AN ENTRY LEVEL DOCTORATE FOR THE PROJECT “HEALTHY WATERS – IDENTIFICATION, ELIMINATION, SOCIAL AWARENESS AND EDUCATION OF WATER CHEMICAL AND BIOLOGICAL MICROPOLLUTANTS WITH HEALTH AND ENVIRONMENTAL IMPLICATION” (REF.^a NORTE-01-0145-FEDER-000069), FINANCED BY NORTE 2020, IN PROGRESS AT CIIE/FPCEUP (CT AT UNCERTAIN TERM)

By order of the Director of the Faculty of Psychology and Education Sciences of the University of Porto (FPCEUP), of April 20, 2022, it was decided to open an international competitive selection procedure for the hiring of an entry-level PhD to carry out research activities in the scientific area of Education Sciences, under the project “**Healthy Waters – Identification, Elimination, Social Awareness and Education of Water Chemical and Biological Micropollutants with Health and Environmental Implications**”, reference NORTE-01-0145-FEDER-000069, cofinanced by the European Regional Development Fund (ERDF), through the Northern Regional Operational Program (NORTE 2020) of Portugal 2020, in an individual employment contract regime with an uncertain resolute term, under the Labor Code. The project, led by Laboratório de Processos de Separação e Reacção - Laboratório de Catálise e Materiais of the Faculdade de Engenharia of the Universidade do Porto, is coordinated in the Centro de Investigação e Intervenção Educativas (CIIE) of FPCEUP by Prof.^a Doutora Isabel Menezes.

1. The **scientific area** of this competition is Education Sciences.

2. Legislation:

The competition is governed by the provisions of Regulation No. 487/2020 - Regulation of Research, Science and Technology Personnel of the University of Porto and respective hiring, hereinafter referred to as Regulation, published in the Official Gazette, 2nd Series, No. 100, of May 22, and by other applicable legislation, namely the Labour Code, approved by Law No. 7/2009, of February 12, 2009, in its current wording, and applicable regulatory standards.

3. Under the terms of article 16 of RJEC, the present tender procedure is exempt from the authorization of the members of the Government responsible for the areas of finance and Public Administration, namely that referred to in no. 3 of article 7 of LTFP, from obtaining the prior favorable opinion of the members of the Government responsible for the areas of finance and Public Administration, referred to in no. 5 of article 30 of LTFP, and from the procedure for recruiting workers in a situation of requalification, referred to in article 265 of LTFP.

4. Admission Requirements

4.1. General Admission Requirements

Who may apply? National, foreigner and stateless candidates who hold a PhD degree less than 5 years ago* in Educational Sciences or Chemical/Environmental Engineering or Biomedical Sciences or other area relevant to the contents of the project and who have a scientific and professional curriculum vitae that reveals a profile that is adequate to the activity to be developed.**

**accounted at the closing date of the application period.*

***If the PhD has been conferred by a foreign higher education institution, it must be recognized by a Portuguese higher education institution, in accordance with the provisions of article 25 of Decree-Law no. 66/2018, of August 16, which approves the legal regime for recognition of higher education degrees and diplomas awarded by foreign higher education institutions and paragraph e) of no. 2 of article 4 of Decree-Law no. 60/2018 of August 3, and any formalities established therein must be fulfilled by the date of the hiring act.*

4.2 Special admission requirements

For the purposes of determining the appropriate profile for the activity to be developed, the following are special requirements, to be documented:

- a) Demonstrate experience of participation in national and/or international funded research projects, being explicit the research tasks in which the candidate was involved;
- b) Demonstrate authorship (as first author) of scientific articles published in journals indexed in SCImago Journal Rank/Scopus (SJR) and/or in Journal Citation Reports™ (JCR);
- c) Demonstrate specific training in the area of the project (environmental education, education for climate change).

5. Preferred, documented requirements are:

- a) Solid research skills, using qualitative and quantitative methodologies and applying data analysis software;
- b) Research experience relevant to the themes of the project;
- c) Experience in formal and non-formal education contexts for the transfer of knowledge in environmental education;
- d) Experience of social-scientific activism or participation in associations and social movements in the area of environmental education;
- e) Fluency (oral and written) in English and Portuguese.

6. Remuneration

The basic monthly remuneration is 2,153.94 Euros, corresponding to level 33 of the Single Remuneration Table, approved by Ministerial Order no. 1553-C/2008, of December 31, and level 5, position 1 of the table annexed to Regulation no. 487/2020.

7. Work place

The workplace is at CIIE's facilities at the Faculty of Psychology and Education Sciences of the University of Porto, Rua Alfredo Allen, 4200-135 Porto, Portugal, and at other locations required for the execution of the work plan.

8. Hiring Regime

The doctoral candidate will be hired under an employment contract for an unspecified term by legal imperative, under the terms of paragraph b) of no. 1 of article 6 of RJEC, ex vi, no. 2 of article 18 of RJEC, and will remain only for the period necessary for the execution of the tasks defined in the project and identified in the following number.

9. Duties to be performed

The selected researcher will monitor the development of tasks and studies within the scope of Activity 3 (Social Conscience and Education), namely the implementation of an educational program in public schools involving the community (RT 3.3.) and the evaluation of the impact of the intervention on students' attitudes and dispositions (RT 3.4.), also supporting the communication and articulation of the CIIE team and the remaining consortium. The work also includes: data collection, analysis and processing; writing scientific articles and other documents for publication (in Portuguese and English); knowledge transfer and training activities; collaboration in other project management and execution functions.

10. Composition of the jury:

In accordance with Article 13 of RJEC and Article 22 of Regulation No. 487/2020, the jury of the competition has the following composition:

President of the jury:

Prof.^a Doutora Isabel Menezes, Professora Catedrática, CIIE/FPCEUP, and local coordinator of the project;

Members of the jury:

Prof.^a Doutora Sofia Marques da Silva, Associate Professor, CIIE/FPCEUP;

Prof.^a Doutora Sofia Castanheira Pais, Assistant Professor, CIIE/FPCEUP;

Substitute member:

Doutora Teresa Silva Dias, Researcher, CIIE/FPCEUP.

11. Selection methods:

In accordance with the provisions of Article 26 of the Regulations, the selection methods are:

- a) Assessment of the candidates' scientific and curricular background (APCC) (90%);
- b) Interview (ENT) to be conducted, partially, in English to the three best placed candidates in the APCC (10%), if the jury considers it necessary.

12. Evaluation of the candidates' scientific and curricular background (APCC) (90%):

12.1 The evaluation of the scientific and curricular career, taking into account the profile appropriate to the requirements of the functions corresponding to the category to which this competition refers, focuses on the relevance, quality and timeliness of the following aspects:

- a) The scientific, technological, cultural or artistic production in the last five years considered most relevant by the candidate;
- b) The applied research activities, or activities based on practice, developed in the last five years and considered to have the greatest impact by the candidate;
- c) The extension and knowledge dissemination activities developed in the last five years, namely in the context of the promotion of culture and scientific practices, considered as most relevant by the candidate.

12.2 In applying the aspects referred to in point 12.1, the following parameters are assessed, to which the respective weighting factors are attributed:

A1) Criteria for evaluation of Scientific Performance (90%):

- A.1.1) Suitability of the training path to the project and research experience in areas relevant to the project - 50%;
- A.1.2) Experience of participation in national and international funded research projects - 10%;
- A.1.3) Research skills using qualitative and quantitative methodologies - 10%;
- A.1.4) Experience of publication in international journals, particularly if indexed in SCImago Journal Rank/Scopus (SJR) and/or Journal Citation Reports™ (JCR), with a connection to the theme of the project, particularly three publications selected by the applicant as representative of his/her best work - 30%;

A2) Criteria for evaluation of Knowledge Transfer and Science and Technology Management and Communication (10%):

- A.2.1) Experience in formal and non-formal education contexts for knowledge transfer in environmental education - 40%;
- A.2.2) Experience of participation in projects of socio-scientific activism or other forms of participation/intervention aimed at promoting environmental awareness - 40%;
- A.2.3) Participation in seminars, congresses, or other activities related to the project's theme - 20%.

12.3 The final APCC classification is obtained by the following formula $APCC = (0.90 \times A1) + (0.10 \times A2)$.

13. Evaluation of the Interview (ENT) (10%):

The three best ranked applications in the evaluation of the scientific and curricular background will be admitted to the Interview phase, and the jury will evaluate aspects related to the research carried out by the candidates.

14. Final Classification:

The Final Classification (FC) of the evaluation of the Scientific and Curricular Pathway (APCC) and Interview (ENT) will be obtained by applying the following formula: $CF = (0.9 \cdot APCC) + (0.1 \cdot ENT)$. If the interview is not realized, Final Classification (FC) will be obtained by applying the following formula: $CF = APCC$.

15. Evaluation of the selection methods:

15.1. Each member of the jury evaluates the scientific and curricular background of the application on a scale from 0 to 100 points, with a valuation up to hundredths, and the classification is obtained through the weighting defined in the criteria to be evaluated.

15.2. The interview evaluation is expressed on a scale of 0 to 100 points, counting to the hundredths.

16. Evaluation Methodology

16.1. After the applications have been admitted, and before voting begins for their final ranking in the evaluation of the scientific and professional background, each member of the Jury will present a written document, to be attached to the minutes, with a list of the applications in descending order of merit, duly substantiated, considering the criteria and parameters of the competition Notice.

16.2. The jury deliberates by means of a reasoned roll-call vote in accordance with the selection criteria adopted and disclosed; abstentions are not allowed.

16.3 The seriation methodology to be followed is that indicated in article 29 of the Regulation.

16.4 Each member of the Jury shall respect, in the various votes, the order he or she presented in the document referred to in paragraph 16.1.

16.5 The interview has a maximum duration of one hour and is exclusively aimed at clarifying aspects related to the research conducted by the candidates.

16.6 Minutes will be taken of the jury meetings, containing a summary of what occurred, as well as the votes cast by each member and respective reasoning.

16.7 After concluding the application of the selection criteria, the jury will proceed to draw up the ordered list of the applications with the respective classification.

16.8 The jury's final decision is ratified by the head of the institution responsible for opening the tender procedure. The final decision on hiring is the responsibility of the head of the hiring entity.

17. Formalization of applications:

17.1. Applications are formalized by means of a request addressed to the President of the Jury containing the identification of this notice, full name, filiation, number and date of identity card/Citizen Card or civil identification number, tax identification number, date and place of birth, marital status, profession, residence and contact address, including e-mail address and telephone contact.

17.2. The application must be accompanied by the documents proving the conditions laid down in points 4 and 5 of this competition, namely:

- a) Copy of the doctoral certificate or diploma and other supporting documents deemed relevant for assessing the eligibility of the application;
- b) Detailed and structured curriculum vitae in accordance with the items of points 4 and 5;

- c) A brief description of the most relevant scientific activities, in accordance with item 2 of article 5 RJEC, and item 12 of this announcement
- d) Copy of the three most representative publications in the curriculum (not including theses or dissertations);
- e) Motivation letter;
- f) Letter(s) of recommendation (max. 2);
- a) Copy of a formal certificate of English language skills or, alternatively, a sworn statement that the candidate has the required language skills (and Portuguese, if the candidate is not a native speaker of Portuguese);
- g) Other documents that the candidate considers relevant for the assessment of his/her merit.

17.3. Applications must be submitted exclusively on the FPCEUP website, at the following address: https://sigarra.up.pt/fpceup/pt/CNT_CAND_GERAL.CONCURSOS_LIST , until the deadline.

17.4. Applications are due by 11:59 pm local time on May 17 of 2022.

17.5. Non-compliance with the deadline for submission of applications, failure to submit or late submission of the application mentioned in 17.1 and of the documents mentioned in 17.2(a) to (d) will lead to rejection of the application. Applicants will be notified of the exclusion decision by e-mail for the purposes of the hearing of interested parties.

17.6. The jury may, whenever it deems necessary, ask the candidates to provide complementary documents for the facts mentioned in the curriculum presented, setting a deadline for the purpose.

18. False statements

Any false statements made by candidates will be punished in accordance with the law.

19. Notification of results

The minutes concerning the evaluation phase(s) of the applications will be sent via email with a receipt of delivery.

20. Prior hearing and deadline for the final decision: in accordance with article 121 of the Administrative Procedure Code, after being notified, the candidates have 10 working days to comment.

21. The present tender is exclusively intended to fill the indicated vacancy and may be terminated until the final ranking list of candidates is ratified, expiring with the respective occupation of the jobs on offer. In the event that none of the candidates demonstrates the profile indicated for the performance of the functions described above within the scope of this project, the jury reserves the right not to award the position.

22. Other dispositions

The FPCEUP actively promotes a policy of non-discrimination and equal access, so that no candidate may be privileged, benefited, prejudiced or deprived of any right or exempt from any duty due to, namely, ascendance, age, gender, sexual orientation, marital status, family situation, economic situation, education, origin or social condition, genetic patrimony, reduced work capacity, disability, chronic disease, nationality, ethnic origin or race, territory of origin, language, religion, political or ideological convictions and union membership.

23. The Director of the Scientific Council approved this notice on March 29, 2022.

Faculdade de Psicologia e Ciências da Educação da Universidade do Porto, 20 de Abril 2022.

The Director of the Faculty of Psychology and Education Sciences of the University of Porto, Professora Doutora Luísa Maria Soares Faria