

## ANNOUNCEMENT FOR A RESEARCH GRANT FOR GRADUATE

Ref. no.: ISCAP – 2/2019

A position is being opened for a 9-month Research Grant (BI) for a Graduate within the scope of the Project no. POCI-01-0145-FEDER-031671 entitled "*StoSS - Sectorization to Simplify and Solve*" from CEOS.PP - Centre for Organizational and Social Studies of P.Porto, financed by the Programme Portugal2020 within the scope of Scientific, and Technological Development Research Projects (IC&DT) 02/SAICT/2017, namely by ERDF funds via the Operational Programme for Competitiveness and Internationalization COMPETE2020, and by Portuguese national funds via FCT/MCTES, under the following conditions:

### 1. SCIENTIFIC FIELD

Main Area: Economics

Subarea: Management studies

### 2. ADMISSION REQUIREMENTS

Required requirements:

- a) Academic studies in Engineering, Economics, Management, Business Sciences, Informatics, Mathematics, or related area;
- b) Bachelor's Degree with a final average mark of 12 (out of 20) or higher;
- c) High skills in organizational and team work;
- d) Proficiency in English.

Preferential factors:

- a) Candidates who are experienced in the writing of scientific articles are preferred.
- b) Candidates with knowledge in the indicated area are preferred.
- c) Candidates with knowledge of any object-oriented programming language are preferred.

### 3. WORK PLAN

Collaborate on the work plan of the project "*StoSS - Sectorization to Simplify and Solve*" of CEOS.PP - Centre for Organizational and Social Studies of P.Porto, namely:

- a) Literature collection and review;
- b) Knowledge structuring in terms of sectorization problems, existing approaches, used criteria and potential applications.

The objective of the project "*StoSS - Sectorization to Simplify and Solve*" is the broad study of Sectorization Problems (SP) and the development of a decision-making support system that enables the decision making process related to sectorization.

SPs often arise related to geographical issues when dividing a large region into smaller regions following specific conditions. Examples of this are the division of a region into political districts, sales territories or health care and policing areas, municipal solid waste collection or street cleaning, schools' location and maintenance operations.

#### 4. APPLICABLE LEGISLATION AND REGULATIONS

Law no. 40/2004, of August 18, amended and republished by Decree-Law no. 202/2012, of August 27, and amended by Decree – Law no. 233/2012, of October 29, and Decree-Law no. 89/2013, of July 9, and Law no. 12/2013, of January 29; "Despacho P.Porto / P-086/2018" – Grants for Advanced Training Regulation of the Polytechnic Institute of Porto; Research Grants Regulation of FCT, I.P., as approved by Regulation no. 234/2012, of June 25, amended and republished by Regulation no. 326/2013, of July 27, and amended by Regulation no. 339/2015, of June 17, and Regulation no. 137-A/2018, of 27 February.

#### 5. SCIENTIFIC SUPERVISION AND PLACE OF WORK

The work will be carried out at CEOS.PP – Centre for Organizational and Social Studies of the Polytechnic of Porto, in Porto Accounting and Business School (ISCAP) of the Polytechnic Institute of Porto, under the scientific supervision of Prof. Isabel Cristina Lopes

#### 6. DURATION AND ACTIVITY SCHEME

A 9-month grant contract, on an exclusive basis, in accordance with the applicable regulations.

## 7. VALUE OF MONTHLY MAINTENANCE ALLOWANCE

The amount of the research grant is 752,38€ (seven hundred fifty-two euros and thirty-eight cents), paid monthly, plus a voluntary social insurance reimbursement (a variable amount depending on the Social Supports Indexing), in accordance with the regulations, and according to the Grants for Advanced Training Regulation of the Polytechnic Institute of Porto, as approved by “Despacho P.Porto / P-086/2018” of September 24, and to the internal communication-proposal from 05/06/2019. The suitable amount to support the costs for 2019 has been entered in ISCAP’s Operating Budget for 2019, group 04, economic classification heading no. 040802B000, and funding source no. 488, and the amount to support the costs for 2020 will enter in ISCAP’s Budget Proposal for the respective year.

## 8. SELECTION METHOD AND COMPOSITION OF THE JURY

The selection method to be used will be in accordance with the following criteria and respective valuations:

- a) Academic curriculum relevant to the area in the announcement, valued from 0 to 20 (weighting 35%);
- b) Suitability of the candidate’s Scientific Field specialization to the activity to be performed, valued from 0 to 20 (weighting 25%);
- c) Professional experience, valued from 0 to 20 (weighting 10%);
- d) Interview, valued from 0 to 20 (weighting 30%);

Candidates may be excluded on the following grounds:

- a) They do not have the mandatory requirements as stated in section 2 of the grant announcement;
- b) Their score is below 9.5 in any of the evaluation components and they will, therefore, be excluded from the procedure and will not be evaluated in the following component(s);
- c) They have failed to appear at the interview or have shown unwillingness/unavailability to provide further clarifications that have been requested, which will be deemed equivalent to the candidate’s withdrawal.

Composition of the Selection Jury:

- President of the Jury: Isabel Cristina Lopes;
- Effective Member: Cristina Teles Oliveira, who replaces the president in absences and impediments;
- Effective Member: Ana Maria Rodrigues;
- Alternate Member: Manuel da Silva;
- Alternate Member: Amélia Silva.

9. FORM OF PUBLICATION / NOTIFICATION OF RESULTS

The results of the grant award will be communicated to the candidates electronically via e-mail.

10. DEADLINE FOR APPLICATION AND APPLICATION FORM

The tender will be open for 10 working days after the announcement's publication date.

The applications must be submitted by e-mail to the following address: [ceos@iscap.ipp.pt](mailto:ceos@iscap.ipp.pt) with the following documents:

- (1) Curriculum Vitae, (2) Diploma or equivalent (including, the marks obtained in every course) and, optionally, (3) other documents that the applicant might deem relevant.

The grant reference "Ref.<sup>ª</sup>: ISCAP – 2/2019" should be included in the message subject.

**School:** ISCAP – Porto Accounting and Business School

CEOS.PP – Centre for Organizational and Social Studies of the Polytechnic of Porto

**Address:** Rua Jaime Lopes Amorim, s/n, 4465-004 S. Mamede de Infesta – Portugal

**Contacts:** Telephone: (+351) 229 050 000 | *e-mail:* [ceos@iscap.ipp.pt](mailto:ceos@iscap.ipp.pt) | [www.iscap.ipp.pt](http://www.iscap.ipp.pt)

The President of the Polytechnic of Porto, João Rocha.