

## DOCUMENTOS ANEXOS À ATA

Reunião do dia 14\_\_\_/12\_\_\_/2022\_\_

### Presidente do Conselho Técnico-Científico

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Documento nº 30\_\_\_\_\_

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## DOCUMENTARY TENDER FOR ADJUNCT PROFESSOR IN THE SCIENTIFIC AREA OF INFORMATICS

### CRITERIA FOR THE SELECTION AND SERIATION OF APPLICANTS

#### GENERAL PROVISIONS

- 1) Evaluation based on three parameters criteria. Each parameter and corresponding weighting are displayed in a grid to be taken into a consideration in the applicants' evaluation, as shown below:

1 – Technical-scientific performance of the candidate (TSP)	40%
2 – Pedagogical capacity of the candidate (PC)	35%
3 – Other activities relevant to ESTG P.PORTO (OAR)	25%

- 2) The subdivisions for each parameter are detailed further, subsequently, in this document;
- 3) Only elements for which objective proof can be presented are considered;
- 4) In parameters where there is a comparative analysis of the evaluation elements presented by the applicants, the Jury may not attribute the maximum score if the available elements are clearly insufficient;
- 5) Every action or attribute of each applicant can only be used in just one of the grid parameters;
- 6) In the event of a tie, applicants will be ranked taking into consideration: first, the percentage obtained in parameter one of the Grid (Technical-scientific performance of the candidate); second, the percentage obtained in parameter two of the grid (Pedagogical capacity of the candidate); third, the percentage obtained in parameter three of the grid (Other activities relevant to ESTG|P.PORTO).

#### 1 – Technical-scientific performance of the candidate (TSP)

The scoring of the Technical-scientific performance of the candidate will be made taking into consideration four parameters to which the following maximum scorings will be given:

1.1 – Scientific publications	30
1.2 – Participation in R&D activities and projects	30
1.3 – Supervision of academic works	20
1.4 – Participation in juries aiming at gaining and academic degree/title	20

The score for the different components of the Technical-scientific performance will be based on the comparative analysis of the corresponding curriculum elements presented by the candidates and referring to the last ten years, always limited by the above-mentioned scores.

The publication of Masters dissertation or PhD thesis are not valued in the Technical-scientific performance.

#### **1.1 – Scientific publications**

As long as there is a correspondence with the domain of the scientific area of the tender, the following scores will be awarded:

1.1.1 – For each complete technical–scientific book or patent	30
1.1.2 – For each article published in ISI or Scopus indexed journal	25
1.1.3 – For each article published in a journal (not included in point 2)	10
1.1.4 – For each full paper published in conference or conference proceedings ISI or Scopus indexed	10
1.1.5 – For each communication / publication not included in the previous points	5

For the scientific publications' component, a maximum of 25 works, selected by the candidate, will be accounted.

For accounting purposes, each occurrence will be multiplied by its score.

Once all the candidates' scores have been computed, the candidate with the highest score will be awarded with 30 points and the remaining awarded points in proportion.

### **1.2 – Participation in R&D activities and projects**

For the participation in R&D activities and projects, 20 projects will be accounted in total, selected by the candidate. Research projects that exclusively lead to the attainment of academic degrees will not be considered.

Candidates will be assessed and scored, the candidate with the highest score will be awarded with 30 points and the remaining awarded points in proportion.

### **1.3 – Supervision of academic works**

The following components will be included in the Supervision of academic Works as long as there is a correspondence with the domain of the scientific area of the tender:

1.3.1 – Supervision of final project/internship of undergraduate degrees	60
1.3.2 – Supervision of Master dissertation/project/internship	80
1.3.3 – Supervision of PhD thesis	80

For this component, a maximum of 15 supervisions and/or co-supervisions, selected by the candidate, are considered. For accounting purposes, each occurrence will be multiplied by its score.

Once all the candidates' scores have been computed, the candidate with the highest score will be awarded with 20 points and the remaining awarded points in proportion.

### **1.4 – Participation in juries aiming at gaining and academic degree/title**

The following components will be included in the Participation in juries leading to a degree / academic title in the scientific field in the competition:

1.4.1. Discussant of Degree final project/internship	40
1.4.2. Discussant of Master dissertation/project/internship	60
1.4.3. Discussant of PhD thesis	80

For this component, a maximum of 25 juries, selected by the candidate, are considered. For accounting purposes, each occurrence will be multiplied by its score.

Once all the candidates' scores have been computed, the candidate with the highest score will be awarded with 20 points and the remaining awarded points in proportion.

## **2 – Pedagogical capacity of the candidate (PC)**

The Pedagogical Capacity score will be computed taking into account four service components, exercised only in the context of Higher Education, to which the following maximum scores will be attributed:

2.1 - Lecture activity	40
2.2 – Production of teaching material	15
2.3 – Participation in pedagogical groups/commissions	30
2.4 – Other pedagogical activities	15

The score for the different components of the pedagogical capacity will be calculated from the comparative analysis of the curriculum elements presented by the candidates and referring to the last ten years, always limited by the maximum scores above.

The total score on the Pedagogical Capacity (PC) assessment parameter will be awarded to the candidate with the highest number of points (100 points), with the remainder being ranked in proportion.

### **2.1 – Lecture activity**

For the lecture activity score, the curricular units taught by each academic semester, in the domain of the scientific area of the tender, will be accounted for, being attributed: 5 points per curricular unit taught (up to a maximum of 50 curricular units) and 5 points per responsibility / regency of the curricular unit (up to a maximum of 25 curricular units). Only semester curricular units (minimum 14 weeks of teaching activity) will be counted in courses leading to an academic degree.

Once all the candidates' scores have been computed, the candidate with the highest score will be awarded with 40 points and the remaining awarded points in proportion.

### **2.2 - Production of teaching material**

The candidate presents a file with the didactic resources used in a curricular unit, selected by him/her, which will be the object of analysis to verify their effective quality and suitability to the scientific area of the tender.

Four weighting levels will be considered: very appropriate 100%; adequate 60%; inadequate 30%; not at all 0%.

The candidate with the highest score will be awarded with 15 points and the remaining awarded points in proportion.

### **2.3 - Participation in pedagogical groups/commissions**

Participations, in the field of scientific area of the tender, will be accounted for, awarding:

2.3.1) Commission for the creation of courses awarding an academic degree: 5 points for each.

2.3.2) Commission for the creation of courses not awarding an academic degree: 3 points for each.

Once all the candidates' scores have been computed, the candidate with the highest score will be awarded with 30 points and the remaining awarded points in proportion.

### **2.2 - Other pedagogical activities**

Participation in Oral Tests, Tutorials or participation as President in juries leading to academic degree/title will be accounted. For this component, 10 participations will be accounted in total. Each participation will be awarded 5 points.

Once all the candidates' scores have been computed, the candidate with the highest score will be awarded with 15 points and the remaining awarded points in proportion.

### **3 - Other activities relevant to ESTG|P.PORTO (OAR)**

The maximum score in this item will be 100 points, considering the comparative analysis of the curriculum elements presented by the candidates and grading them proportionally, taking into account the duration, responsibility of the positions / functions and the following maximum score levels:

3.1 - President of a Management body of Organic Unit/Higher Education	15
3.2 - Vice - President of a Management body of Organic Unit/Higher Education	12
3.3 - Member of Management body of Organic Unit/Higher Education	8
3.4 - Director of Department or equivalent	12
3.5 - Deputy Director of Department or equivalent	10
3.6 - Course Director or equivalent	8
3.7 - Course deputy Director or equivalent	6
3.8 - Responsibility for laboratories, services and offices included in the organization chart of Organic Unit/Higher Education	8
3.9 - Other organizational positions recognized by the Organic Unit/Higher Education	5

For the calculation of the score, points 3.1 to 3.8 are multiplied by the number of years in the position referring to the last ten years and up to a maximum of five years per position held.

For the calculation of the score referring to point 3.9, the score per occurrence will be considered, up to the maximum limit of 30 points.

Once all the candidates' scores have been computed, the candidate with the highest score will be awarded with

100 points and the remaining awarded points in proportion.