

Title

The Smart Cities Research Center (Ci2) is now accepting grant applications to award 1 Research Grant (BI) within the scope of the Ci2's project with the number CENTRO-01-0145-FEDER-179932.

Offer description

Work plan: Participate in research and development (R&D) activities, to be carried out within the Ci2 Research Unit and its laboratories, through integration into the work plans of the EcoModZHC project, in the areas of installation, assembly and testing, dimensioning and development of solutions of sensor and monitoring systems as well as their energy supply.

Duration of the grant: The grant will last for 4 months, starting on mid-October 15, 2022, and may be renewed for a maximum period of four months, on an exclusive basis.

Application deadline and form of submission of applications: The submission is open from the 12 to the 30 of September 2022. Applications must be formalized by sending: (a) Curriculum Vitae; b) Proof of conclusion of a bachelor's degree with identification of grade obtained and the course in question; c) Proof of enrolment in a Master's or Postgraduate course in the areas of electrical engineering and related areas. Students at the Polytechnic Institute of Tomar are exempt from submitting the proof referred to in paragraphs b) and c). Applications must be formalized by email simultaneously to the addresses ci2@ipt.pt and cferreira@ipt.pt including in the "Subject" field: "EcoModZHC EE Scholarship".

Researcher Profiles

Admission requirements: Students of Master's degree or Postgraduate, with preference in the areas of Electrical and Computer Engineering and related areas.

Research fields

Scientific area: Electrical and Computer Engineering and related areas.

Application Deadline/Time zone:

30 of September 2022

Is the job funded through a EU Research Framework Programme?

Yes

Reference Number

CENTRO-01-0145-FEDER-179932

How to Apply?

Applications must be formalized by email simultaneously to the addresses ci2@ipt.pt and cferreira@ipt.pt, including in the "Subject" field: "EcoModZHC EE Scholarship".

Hiring Organisation & Offer Posting Contact Details

Instituto Politécnico de Tomar / Ci2 – Centro de Investigação em cidades inteligentes / Estrada da Serra, Quinta do Contador, 2300 – 313 Tomar, Portugal / <http://www.ipt.pt> / t: +351 249 328 100 / f: +351 249 328 186. (The same as the Workplace.)

Work Locations

Number of positions available: 1

Workplace: The work will be carried out on the IPT campus at Estrada da Serra, Quinta do Contador, Tomar, Portugal, namely the facilities of Ci2 at IPT, including the I185 lab, and other spaces that may be considered adequate for the proper development of the work.

Required Education Level

Bachelor's degree and enrolment in a Master's or Postgraduate course in the areas of electrical engineering and related areas.

Main Research Field / Level**

Electrical and Computer Engineering and related areas. Please see the eligibility criteria.

Website for additional job details

http://portal2.ipt.pt/pt/ipt/servicos_centrais/recursos_humanos/bolsas_de_investigacao/

Benefits

The grant amount corresponds to € 875,98.

Selection process

Selection method to be applied: Merit of candidates measured on a scale of 0 to 20 values, according to the following formula and valuation criteria:

$$N = CV*0,6 + LIC*0,2 + AC$$

On what:

N = Classification obtained, from 0 to 20, rounded to units;

CV = Value from 0 to 20, resulting from the analysis of the candidate's curriculum vitae, taking into account their experience and knowledge in the area;

LIC = Classification obtained in the degree;

AC = Alignment of the course in which candidates are enrolled with the scholarship that it is applying for, considering 4 values if it is a course in the areas of electrical engineering and computers, and 2 values if it is a course in the areas of electricity and energy, or electronics and automation, or related fields.

If the jury decides, it may, by reasoned deliberation, invite the top three classified in the curriculum analysis for an interview (ENT), with the final grade: (NF) = $[N*0,9 + ENT*0,1]$.

Candidates will be ranked in descending order of ranking, and in the event of a tie in the ranking obtained, they will prefer, in this order:

- a) The candidate with the best score in the CV factor;
- b) The candidate with the best score in the LIC factor;
- c) The candidate with the best AC factor score;

- d) The candidate with the best score on the ENT factor, if any;
- e) The younger candidate.

Composition of the Selection Jury: Carlos Alberto Farinha Ferreira (Chairman), Manuel Fernando Martins de Barros and Pedro Manuel Granchinho de Matos (effective members), and Henrique Joaquim de Oliveira Pinho (facultative member), Adjunct Professors of the Department of Engineering of the Polytechnic Institute of Tomar.

Form of publicity/notification of results: The results of the evaluation will be published within 5 working days from the deadline for submission of applications and the list is sorted in order of ranking of candidates, with the candidates being notified via email. If the selected candidate withdraws, the candidate in the following position on the lists will be admitted until the foreseen vacancy are exhausted.

Prior Hearing: After the results are announced by e-mail, the candidates must consider themselves immediately notified to, if they wish, speak at a prior hearing within a maximum period of 10 working days after that date. The final decision will be taken within 3 working days after the conclusion of the preliminary hearing of interested parties and notified to the candidates by email. If the initial project decision leads to the granting to all candidates, the prior hearing will be waived, in which case the referred project will be equivalent to the final decision.

If the jury considers that there is not enough quality, it may refuse to attribute the grant to the candidates, and, eventually, a new tender procedure will be launched.

Complaint and appeal: The final decision referred to in the preceding paragraphs can be filed a complaint within 15 working days to the President of the IPT.

Additional comments

The contract template and the reporting template, and more information, are accessible on the IPT and Ci2 web pages (www.ipt.pt and www.ci2.ipt.pt).