Reference: Public notice no. 12/2021/RG/DEP/CIDTFF

NOTICE FOR THE AWARD OF GRANTS IN THE SCOPE OF R&D PROJECTS AND INSTITUTIONS

A tender is hereby opened for the award of 1 (one) **Research Grant** (RG) in the scope of R&D project "EduCITY – Smart and sustainable cities with Augmented Reality mobile educational games made by and for the Citizens" (PTDC/CED-EDG/0197/2021), of the CIDTFF – Research Centre on Didactics and Technology in the Education of Trainers of the Department of Education and Psychology of the University of Aveiro, under the following conditions:

1. Scientific Area*:* Sciences and Technologies of Communication.

2. Funding Source*:* Foundation for Science and Technology, I.P./MCTES, through national funds (OE).

3. Admission Requirements: Candidates must be a Graduate or Master in the field of Sciences and Technologies of Communication or related area and must meet one of the following conditions:

i) be a student enrolled in a Doctoral Program in the area of Sciences and Technologies of Communication or related area; or

ii) be enrolled in a course that does not confer an academic degree provided by the University of Aveiro; or

iii) meet the necessary conditions to enrol in a course that does not lead to an academic degree provided by the University of Aveiro.

(View Courses at: Courses - University of Aveiro (ua.pt) and Training at UA - Universidade de Aveiro))

The proof of enrolment must be made available until the contract is awarded, and the candidate may attach a declaration of honor to confirm that they meet the requirements for enrolment in an integrated master's degree, master's or doctoral program or in a course that does not confer an academic degree.

Preference will be given to candidates with multimedia technical skills who do not have a Doctor's degree.

If the qualification has been conferred by a foreign higher education institution it must be **recognized by a Portuguese higher education institution**, under the terms of the provisions of article 25 of Decree-Law no. 66/2018, of August 16th, which approves the legal regime of recognition of academic degrees and diplomas of Higher Education, attributed by foreign higher education institutions, and of paragraph e) of no. 2 of article 4 of Decree-Law no. 60/2018, of August 3rd, and any formalities established therein must be fulfilled by the date of the hiring act.

4. Eligibility: Applicants are eligible if they comply with paragraph a) of no.1 of article 2, of the Research Fellow Statute as amended by Decree-Law no. 123/2019, of August 28th, as well as nos. 1 and 2 of article 6 of the Research Grant Regulations of the Foundation for Science and Technology. The RG(s) awarded to undergraduate or master students enrolled in courses that do not confer academic degree may only be granted to those who do not exceed, upon conclusion of the grant contract in question, including possible renewals, an accumulated period of two years in that type of grant, consecutive or interpolated, under the terms of no.5 of article 6 of the aforementioned Regulations.

5. Work plan: The work plan should contribute to the objectives of the EduCITY project (https://blogs.ua.pt/cidtff/?p=39432) and involves the tasks: to create and update the project website (for example through the use of a CMS); to develop multimedia content to include in the games (eg augmented reality, simulations, 3D animations, logo, mascot); to collaborate with the research team in the literature revision, in the data collection and analysis, and in the dissemination of the project.

6. Applicable legislation and regulations: Statute of Scientific Research Grant Holder, as amended by Decree-Law no. 123/2019, of August 28th; Regulation no. 950/2019, of November 29th, published in Diário da República, no. 241, Series II, of December 16th (FCT, I.P. Research Grants Regulation); Decree-Law no. 66/2018, of August 16th (Legal regime for recognition of academic degrees and diplomas of higher education awarded by foreign higher education institutions).

7. Workplace: The work will be carried out at the CIDTFF – Research Centre on Didactics and Technology in the Education of Trainers of the Department of Education and Psychology of the University of Aveiro, under the scientific supervision of Lúcia Maria Teixeira Pombo (Ph.D.) and of another doctorate member of the project's team.

8. Duration of the grant(s): The grant duration will be 12 months, starting in March 01st, 2022, and may be renewed for additional periods of 12 months, up to the maximum limit of approved funding (December 31st, 2024). If the selected person is Graduate or Master who is attending a course that does not lead to an academic degree or meets the necessary conditions to enroll in a course that does not lead to an academic degree, the scholarship will last for 12 months, scheduled to start on March 01st, 2022. In any case, the extension of the fellowship may not, under any circumstances, exceed the limits defined in nos. 3 and 4 of article 6, of Regulation no. 950/2019, of November 29th, published in Diário da República, no. 241, Series II, of December 16th (Research Grants Regulation of FCT, I.P.).

9. Amount of monthly maintenance allowance: The amount of the grant corresponds to €835.98 or €1,104.64, according to the profile of the selected candidate, and in accordance to the table of monthly maintenance allowance amounts set out in Annex I of Regulation no. 950/2019, subject to any updates that may be applicable, under the terms of no. 2 of article 18 of Regulation no. 950/2019, of November 29th, published in Diário da República, no. 241, Series II, of December 16th (Research Grants Regulation of FCT, I.P.). The fellow may also be reimbursed for the amount corresponding to the Voluntary Social Security, in case of adherence to this plan

10. Selection methods: The selection methods to be used will be the following: A- curricular assessment (60%) and B- interview (40%). The three candidates with the best classification in the curricular assessment will be face-to-face and individually interviewed. Candidates who are not ranked in the first three places of the curricular assessment are considered excluded from this tender.

Applications considered admissible will be scored on a scale from 1.0 (minimum) to 5.0 (maximum) in each of the following evaluation criteria:

- **Criterion A – Curricular assessment**, with a weight of 60%;
    - Sub-criterion A1 – Academic path, with a weight of 60%.

The score for this sub-criterion is calculated based on the final classifications contained in the academic degree certificates presented by the candidate in the application form: i) Degree + Masters/Integrated Masters; ii) Degree only; or iii) only Master's, according to Table 1.

Table 1 – Reference table for defining the score of sub-criterion A1 – Academic path

Degree + Master's Degree (pre- or post-Bologna) or **Integrated Master's Degree (300-360 credits)**		**Degree (180 credits)** (pre- or post-Bologna)		**Master's Degree (90-120 credits)** (pre- or post-Bologna)	
Classification	**A1 Score**	**Classification**	**A1 Score**	**Classification**	**A1 Score**
≥ 18	**5,0**	≥ 17	**3,5**	≥ 17	**3,0**
17	**4,5**	16	**3,0**	16	**2,5**
16	**4,0**	15	**2,5**	15	**2,0**
15	**3,5**	14	**2,0**	14	**1,5**
14	**3,0**	<14	**1.5**	<14	**1.0**
<14	**2.5**				

The classification to be considered, in the calculation of sub-criterion A1, is the one shown in the respective degree certificates submitted in the application process. In cases of qualification certificates whose final classification is presented with decimal places, it will be rounded to the unit according to the following rule: when the decimal place is equal to or greater than 5, it will be rounded up; when the decimal place is less than 5, the value will be maintained. In

the case of calculating the simple arithmetic average between the degree grade and the master grade, the grades contained in the certificates (even if these show decimals) will be considered, and the rounding will be carried out after obtaining the result of such average. If the certificate of qualifications simultaneously presents the rounded classification and with decimal places, the rounded classification will be used.

For the application of Table 1, the following will be considered:

a) The final average of "degree + master's degree", in a pre- or post-Bologna course, results from the simple arithmetic average of the final grade obtained in the 1st cycle [180 credits (ECTS)]/degree and the final grade obtained in 2nd cycle [90-120 credits (ECTS)]/Master's, by applying the following formula:

Final average (degree + master's) = (final grade 1st cycle (degree) + final grade 2nd cycle (master's)) / 2

b) In the case of integrated master's degrees awarded by institutions that do not issue certificates with a breakdown of the final classifications of 1st and 2nd cycles, the final classification entered in the degree certificate after completion of the study cycle is considered [300 to 360 credits (ECTS)].

c) In the case of an integrated master's certificate [300-360 credits (ECTS)] and a pre-Bologna or 2nd cycle master's certificate, the final classification of the integrated master's will be considered **mandatory**.

d) In the case of submission of only degree's or master's certificate(s), the classifications contained in the respective columns of Table 1 apply.

e) When candidates present **more than one comparable degree's and/or master's degree** (equal number of ECTS credits), it is up to the panel to decide which academic degree(s) is/are most appropriate to the work plan and which should, therefore, be counted for the calculation of the academic path classification (sub-criterion A1). For example, if a candidate presents a degree's certificate and more than one Master's certificate, the panel should consider the Master's that best fits the work plan. However, if a candidate presents Integrated Master's and 2nd Cycle Master's certificates (without a degree's or 1st Cycle of Studies certificate), the panel will have to consider the integrated Master's in the calculation of the classification of the academic path, as indicated above.

f) For the purpose of calculating sub-criterion A1, certificates that specify only a qualitative classification (for example, pre-Bologna masters) will be converted in the terms expressed in Table 2, for the purposes of calculating the final average (degree + master's degree) and consequent determination of the classification of the academic path (by applying Table 1).

Table 2 - **Qualitative ratings conversion table**

Qualitative Rating	**Converted Rating**
Excellent Very Good with Distinction Distinction and Praise *Magna Cum Laude / Summa Cum Laude*	18
Very Good Approved with Distinction Good with Distinction *Cum Laude*	16
Good Approved / Unanimously approved	14
Sufficient	12

In all cases that are **not included in the situations provided for in Table 1, a score of 1 will be assigned to sub-criterion A1**. Some examples are identified:

a) When both national certificates, degree's and master's, **do not contain mention of the final classification obtained** (neither qualitative nor quantitative);

b) When both bachelor's and master's certificates obtained abroad **are not recognized or the respective final classifications are not converted to the Portuguese classification scale.**

- Sub-criterion A2 – Scientific performance and knowledge extension, with a weight of 40%.

The score of this sub-criterion is calculated based on scientific production, participation in scientific projects, involvement in activities/initiatives with the scientific community (for example, in networks and events), organization of scientific and technological dissemination initiatives for different audiences, among other initiatives, taking into account their scope (national and international) and relevance to the continuation of the work plan of the EduCITY project, with preference for candidates that reveal multimedia technique skills.

- **Criterion B - Interview**, with a weight of 40%.

The candidate's motivation and skills will be valued for the development of the proposed work plan.

For the purposes of the decision on granting a scholarship, candidates will be ranked according to the weighted average of the classification obtained in each of the criteria, translated by the following formula:

Final Classification = (0.6 x A) + (0.4 x B)

For tie-breaking purposes, the ranking of candidates will be based on the classifications given to each of the evaluation criteria in the following order of precedence: criterion A, criterion B.

The Jury reserves the right not to propose the award of the scholarship if it considers that none of the candidates has the appropriate profile, experience and/or skills to carry out the work plan.

11. Composition of the Selection Jury:

- Lúcia Maria Teixeira Pombo, Assistant Researcher of the University of Aveiro (Chair of the Selection Jury)
- Rui Manuel de Assunção Raposo, Assistant Professor of the University of Aveiro (Permanent member)
- Pedro Miguel dos Santos Beça Pereira, Assistant Professor of the University of Aveiro (Permanent member)
- Óscar Emanuel Chaves Mealha, Full Professor of the University of Aveiro (Alternate member)
- Margarida Morais Marques, Doctorate Researcher (Level 1) of the University of Aveiro (Alternate member)

12. Deadline for applications and how to submit applications: The call is open from December 3rd to December 19th, 2021, and only applications submitted within the deadline will be admitted.

Applications must be formalized by sending a letter of application accompanied by the following documents:

- Curriculum vitae of the candidate organized in accordance with assessment criterion A, as indicated in point 10 of this tender, and including: i) elements of the identity card/citizen card/passport; ii) email address for receiving notifications for all purposes within this procedure; iii) list of scientific indicators that allow the Jury to carry out curriculum assessment, under the indicated terms. All indicators (scientific articles, communications, etc.) referred to in the CV and respective proofs must be accessible through the internet, so candidates must indicate an active link/URL where the Jury can access them;
- Certificates of qualification of the held academic degrees, specifying the final classification.
- Proof of recognition of academic degrees awarded by foreign higher education institutions and proof of the conversion of the respective final classification to the Portuguese classification scale, or, alternatively, the candidate's declaration of honor that he/she obtains recognition of the foreign degree equivalent to that of degree and or master by the end of the application period (where applicable);
- Application form available at https://www.ua.pt/file/60800.

Applications should be sent by e-mail to cidtff@ua.pt, with the subject “Application for a Research Grant - EduCITY”, with notice of receipt.

The referred documents must be sent in PDF format. The name of the file must make explicit mention of its content, and there must be one file for each type of document. The file designation must consist of characters from A to Z and from 0 to 9, and must not contain special characters such as \ | / : . ; ? = ” # $ % & ( ) [ ] } { +, nor should Portuguese characters be used (á À é È ó Ó ã õ ê Ê ç Ç).

13. Form of publication/notification of results: The final results of the evaluation will be published through an ordered list by final mark obtained posted on the University's website, within 90 working days after the final date of submission of the application, and the successful candidate will be notified by email. For the purposes of prior hearing of interested parties, the deadline of 10 working days is set, as provided for in the Code of Administrative Procedure. At the end of the period for hearing the interested parties, and in the absence of any response from them, the list of candidates will become final. Candidates may lodge a complaint against the final decision within 15 working days, or appeal to the maximum executive body of the funding entity within 30 working days after notification of the final decision, in accordance with the provisions of article 12 of the Research Grants Regulation of the Foundation for Science and Technology.

14. Tender duration: The final ranking list of candidates will be valid until December 31st, 2022 for the purpose of constituting a reserve list for selection.

The models of the grant contract and of the final report to be prepared by the grant holder and the supervisor are available at Research fellows - sgrh - Universidade de Aveiro (ua.pt).

University of Aveiro, December 2nd, 2021

Assinado por : **LÚCIA MARIA TEIXEIRA POMBO**
Num. de Identificação: BI100676413
Data: 2021.12.02 12:28:58+00'00'

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Lúcia Maria Teixeira Pombo, Ph.D.