



**TO BE PUBLISHED ON THE INTERNET**

Athens, the 08<sup>th</sup> of June 2022

Ref. No 1807/22283-22

**Invitation for expression of interest for a fixed term research contract, in the context of the project “AQUASPICE: ADVANCING SUSTAINABILITY OF PROCESS INDUSTRIES THROUGH DIGITAL AND CIRCULAR WATER USE INNOVATIONS» (position code 3313-PR7)**

The Research Center of the Athens University of Economics and Business (RC/AUEB) in the frame of the European Union funded research project “**AQUASPICE: ADVANCING SUSTAINABILITY OF PROCESS INDUSTRIES THROUGH DIGITAL AND CIRCULAR WATER USE INNOVATIONS**”, project code **11331301**, and under the supervision of the Scientist Responsible for the project, Associate Professor Ioannis Mourtos, invites, in accordance with the decision of the 120<sup>th</sup> Meeting of the Research and Management Committee of RC/AUEB of the academic year 2021-2022, dated 11/05/2022 (ADA: Ψ88Y469B4M-ΨΥΥ), applications for a Researcher position, on a fixed term up to fourteen (14) months (with the possibility of renewing until the end of the project), work contract, for the implementation of the following project:

**“Design and Development of system and algorithms of combinatorial optimization for production in the context of Work Packages: WP4 (Digital Twin with Smart Analytics and Cognitive Services for Water Efficiency), WP5 (Water Cyber Physical System: The Industrial Water Efficiency Management System), WP6 (Demonstration and Evaluation of AquaSPICE Solutions), and WP8 (Communication, Dissemination, Training and Social Awareness)”**

**Estimated duration:** up to fourteen (14) months, may be extended until the end of the project.

**Budget:** up to fifteen thousand (15,000) EUR, including all taxes and deductions. If necessary and/or applicable, employer’s social security contribution payable by RC/AUEB, will be added accordingly, charging the aforementioned project.

**Required Candidate Qualifications:**

- **Doctoral degree**, from a domestic or an equivalent foreign Institution, in Management Science and Technology or Informatics or Mathematics, **certified by the Secretariat of the corresponding department, specifically indicating the subject of the Dissertation.**
- **Master’s degree**, from a domestic or an equivalent foreign Institution, in Information Systems or Algorithms.
- **Undergraduate University degree**, from a domestic or an equivalent foreign Institution, in Informatics or Computer Science or Computer Engineering or Electrical Engineering.

- **At least one (1) year of professional experience** in funded R&D projects, in the field of algorithms and/or combinatorial methods and/or process scheduling.

**Desired Candidate Qualifications:**

- **Relevance of the Doctoral Dissertation topic** with the object of the project.
- **At least one (1) year professional experience**, in an Analyst and/or Algorithm Programming post.

**GRADING IN ACCORDANCE TO QUALIFICATIONS AND CRITERIA**

The calculation of grading units shall rely upon the fulfillment of all the Required Candidate Qualifications and shall be objectively connected with the project requirements.

AA	Assessment Criteria	Comments	Maximum Grade of Criterion	Criterion Importance
1.	Additional professional experience in funded R&D projects, in the field of algorithms and/or combinatorial methods and/or process scheduling	Grading received for at most three (3) years of <i>additional</i> professional experience <i>after the 1<sup>st</sup> year</i> : <ul style="list-style-type: none"> <li>• Twenty (20) points for the 2<sup>nd</sup> year</li> <li>• Thirty (30) points for the 3<sup>rd</sup> year</li> <li>• Fifty (50) points for the 4<sup>th</sup> year</li> </ul>	100	30%
2.	Relevance of the Doctoral Dissertation topic with the object of the project	<ul style="list-style-type: none"> <li>• Very high relevance: 100 points</li> <li>• High relevance 90 points</li> <li>• Average relevance: 70 points</li> </ul> Grading received for at most one-hundred (100) points	100	20%
3.	Additional professional experience, in an Analyst and/or Algorithm Programming post	Grading received for at most three (3) years of <i>additional</i> professional experience <i>after the 1<sup>st</sup> year</i> : <ul style="list-style-type: none"> <li>• Twenty (20) points for the 2<sup>nd</sup> year</li> <li>• Thirty (30) points for the 3<sup>rd</sup> year</li> <li>• Fifty (50) points for the 4<sup>th</sup> year</li> </ul>	100	20%

4.	Overall assessment of the candidate according to his/her additional to the required and desirable qualification and his/her communication skills	Personal Interview (can be performed by means of teleconference, if necessary)	100	30%
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#### OTHER TERMS AND CONDITIONS

1. Any objections to the results of the candidates' evaluation should be submitted strictly within a period of five (5) working days from the day following the announcement of the results on the website of RC/AUEB (<http://rc.aueb.gr/el/static/home>). Objections should be specific and should be submitted in person or sent by post to the address: 46, Kefallinias Street, Athens, 11251, Greece. In order to ensure that the applicant exercises his/her rights in accordance with the legal procedure (written application, documentation of legal interest, etc.), the right of access to other candidates' personal files and data shall be exercised in favor of the applicant in accordance with the combined provisions of Law 2472/1997 and Law 2690/1999, and provided it complies with the conditions set out in C/EX/4163-1/7.6.2012 document of the Hellenic Data Protection Authority (HDPa).
2. Any submitted candidacy that does not meet the required qualification of the call will not be examined any further and will consequently be rejected. The recognition of academic and professional qualifications and skills, including non-standardized qualifications with an emphasis on geographical and professional mobility of the candidates, particularly concerning academic and professional international mobility, will be in accordance to the implementation of international standards and the relevant European and international legal framework<sup>1</sup>.
3. **Greek candidates' higher education degrees (undergraduate and postgraduate) that are a required qualification and have been issued by foreign institutions must be accompanied by certificates of recognition by the Hellenic National Academic Recognition and Information Center (Hellenic NARIC).**
4. **Language knowledge for Greek citizens** shall be certified according to Article 1 of Presidential Decree 146/2007 "Modification of provisions of Presidential Decree 50/2001 Defining qualifications for the appointments of posts in the public sector" (Official Gazette 185/3.8.2007/Issue A'), in conjunction with the last passage of paragraph 1 of Article 1 of the Presidential Decree 116/2006 "Amendment of Article 28 of Presidential Decree 50/2001" (Official Gazette 115/9.6.2006/Issue A'). **Regarding the certification of knowledge of any foreign language, a photocopy of the original certificate together with a photocopy of its official translation in Greek should be submitted.**
5. **Candidates may replace, correct or add any missing documents to their already submitted proposals, strictly until closure date is reached, by submitting an additional proposal to the following address: RC AUEB, 46 Kefallinias str., 11251 Athens, 1<sup>st</sup> floor.**
6. Male candidates, on condition that military service is obligatory in their country of residence, should have fulfilled their military obligations or have been legally exempted from them throughout the duration of the project contract.
7. If the selected candidates are Greek public servants, they shall bear the responsibility to comply with the requirements of Article 31 of Act 3528/2007.
8. Please note that the invitation for work contracts concerning the project is not a competitive tendering procedure, while the potential selection of counterparties

<sup>1</sup> published in NARIC (national centers for the recognition of academic titles) and ENIC (European network information centers).

shall be interpreted as an acceptance of a proposal and not as “hiring”. The said process will be completed with the announcement of a ranking list, while those candidates selected will be notified individually. In case of a tie, the candidate whose application has the highest relevance of subject and longest professional experience will be selected.

9. Throughout the duration of the project and the contract it is possible that selected candidate(s) may be replaced by other candidate(s) of the present call and in accordance with the ranking list.
10. This invitation for expression of interest is not binding for RC/AUEB to establish cooperation with stakeholders and does not create rights expectation. RC/AUEB reserves the right to select the candidate, as well as full discretion in the conclusion or not of the relevant contracts, excluding any claim by the candidates.
11. The terms and working conditions will comply with all national and international relevant regulations. RC/AUEB will fully implement the existing international and European labor law, incorporated into Greek law, in all settings, and in particular regarding the rights and benefits the selected candidate is entitled to.
12. RC/AUEB may, upon decision, extend the contract, provided that such an extension is in accordance with relevant Greek and international legislation.
13. This invitation for expression of interest is published on the websites of RC/AUEB, AUEB and EURAXESS as part of the project “AQUASPICE: ADVANCING SUSTAINABILITY OF PROCESS INDUSTRIES THROUGH DIGITAL AND CIRCULAR WATER USE INNOVATIONS”, taking into account and being in accordance with the terms of the Grant Agreement No. 958396 and the Commission Recommendation of 11/3/2005 concerning the European Charter for Researchers and the Code of Conduct for the Recruitment of Researchers (OJ L75/67 2005/251/ EK), the European Code of Conduct for Research Integrity of ALLEA (ALL European Academies) and ESF (European Science Foundation) of March 2011 [http://www.esf.org/fileadmin/Public\\_documents/Publications/Code\\_Conduct\\_Research\\_Integrity.pdf](http://www.esf.org/fileadmin/Public_documents/Publications/Code_Conduct_Research_Integrity.pdf), and Commission Recommendation C (2008) 1329 of 10/4/2008 on the management of intellectual property, which are annexed hereby and subject to acceptance by the candidates.

#### **REQUIRED APPLICATION DOCUMENTS**

- 1) Completed and signed proposal form (see Annex A')
- 2) Detailed CV (in Greek or English) according to the Europass template.
- 3) Copies of academic titles, degrees and valid certifications (validated copies shall be provided exclusively upon request).
- 4) **The relevance and duration of professional experience is attested by** an employment certification, **as for the research experience**, with a relevant certificate from the institution in which the candidate was employed, where duration and the object of work should be indicated in detail and/or by copies of contracts accompanied by a certificate of the relevant insurance authority, **and in case of research experience in addition** to the above mentioned contracts, with a certificate from the Scientific Responsible for the project, where the title, duration and subject of the project, in which the candidate was engaged, is indicated, and as well as any other document or information that documents what is mentioned in the CV.  
**It should be noted that certificates of professional experience submitted by the candidates, should be such as to clarify the relevance with the object of the project defined by the Invitation for Expression of Interest, as well as the implementation of the project.**
- 5) Any other additional valid information that documents or clarifies or completes the information mentioned in the CV or requested by the Invitation.

**Candidates are invited to submit their applications strictly Online, not later than Wednesday, 22/06/2022, at 23:59 (Local Time), to the following electronic address: <https://proskliseis.rc.aueb.gr/nominations/aefc8b4a-48a9-4719-baf0-5f6a630c59ce>**

Proposals must be submitted in a compressed zip or rar file, which will include all the above REQUIRED DOCUMENTS: Annex A form, accompanied by a CV, copies of diplomas and any other certification of professional experience, mentioned in their CV for the purposes of this call for expressions of interest.

Only Candidates who have submitted their application on time, via the electronic platform, will be send an automated electronic message, indicating the protocol number of their candidacy.

Candidacies that have been submitted on line until the aforementioned closure date is reached are considered timely.

The submission of an application by the respective candidate implies the unconditional acceptance of the terms of this invitation.

Contact details: Mrs Roula Parsalidou, phone: (+30) 210 8203839 (hours 11:00 - 14:00, Local Time), email: [spars@rc.aueb.gr](mailto:spars@rc.aueb.gr)

Publicity of the invitation for Expression of Interest: Will be posted on the websites of AUEB [www.aueb.gr](http://www.aueb.gr), RC /AUEB [rc.aueb.gr](http://rc.aueb.gr), and EURAXESS (<https://euraxess.ec.europa.eu/>), in DIAVGEIA and where else required by the project Funding Agency.

The President of RC/AUEB

Professor Georgios Lekakos  
Vice Rector of Research and Lifelong Learning

ANNEX A'

Name: .....

Surname: .....

Father's name.....

Mailing address: .....

Tel:.....

E-mail:.....

TO RC/AUEB

APPLICATION – CODE No. 3313-PR7

Call for expression of interest, for an up to fourteen (14) months, fixed term work contract, in the context of the project “AQUASPICE: ADVANCING SUSTAINABILITY OF PROCESS INDUSTRIES THROUGH DIGITAL AND CIRCULAR WATER USE INNOVATIONS” (position code 3313-PR7)

In response to the call for expression of interest with ref. no. 1807/22283-22, I hereby declare that I accept the terms of the Invitation for expression of interest and submit my application as Researcher for the project “AQUASPICE: ADVANCING SUSTAINABILITY OF PROCESS INDUSTRIES THROUGH DIGITAL AND CIRCULAR WATER USE INNOVATIONS”, project code 11331301.

I also attach a detailed CV and all necessary, according to the call, required documents:

Consent statement for the collection and processing of personal data

*I, the undersigned, hereby declare that I do consent to the collection and processing of my personal data, as stated in this proposal and the supporting documents attached thereto, solely for the purpose of implementing the Invitation for Expression of Interest with ref. no 1807/22283-22, including the posting results of the evaluation process to DIAYGEIA.*

Date: ...../...../2022

[Signature] .....