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INVITATION FOR EXPRESSION OF INTEREST

REF. NUM. & DATE OF UNDERTAKING DECISION: 6129/2019-08.03.2019
DIAVGEIA UNDERTAKING DECISION REF. NUM: 6Δ40469Β4Μ-Ψ8Ο

Invitation for expression of interest for a fixed term research contract for an experienced Informatics Scientist for the project "FINE-GRAINED ANALYSIS OF SOFTWARE ECOSYSTEMS AS NETWORKS (FASTEN)" (position code 2976-PR4)

The Research Center of the Athens University of Economics and Business (RC/AUEB) in the frame of the European Union funded research project "**FINE-GRAINED ANALYSIS OF SOFTWARE ECOSYSTEMS AS NETWORKS (FASTEN)", project code 11297601,** and under the supervision of the Scientist Responsible for the project, Professor Diomidis Spinellis, invites, in accordance with the decision of the 11th extraordinary Meeting of the Research and Management Committee of RC/AUEB of the academic year 2018-2019, dated on 13/03/2019 (ADA: ΩΧΕΓ469Β4Μ-Μ2Σ), applications for one (1) experienced Informatics Scientist position on a fixed term, up to eighteen (18) months, (with the possibility of renewing until the end of the project) work contract, starting immediately, for the implementation of the following project:

"Design (1) methods to automatically generate static and dynamic call graphs and (2) a methodology to select specific software projects to analyze and generate call graphs, in the context of WP1 Call graphs for Java/Python/C"

 Estimated duration: up to eighteen (18) months, may be extended until the end of the project.

Budget: up to 19,500 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:
- Undergraduate University degree from a domestic or an equivalent foreign Institution in Electrical Engineering or Computing Engineering or Informatics or Statistics or Computer Science or Mathematics, **with grade expressed in a 10 point scale**.

- Master's degree, in the fields of Informatics or Data Analysis, **with grade expressed in a 10 point scale.**
- **Doctoral degree** in Informatics or Electrical Engineering or Computing Engineering or Computer Science.
- Proficient knowledge of the English language.
- At least five (5) scientific publications in either top-tier conferences or high-impact journals.
- At least two (2) years of experience in European Union or/and domestic Research and Development projects.
- Ability to occasionally travel for work in Europe. **In order for the application to be valid the corresponding field in APPENDIX A' needs to be checked.**

Desired Candidate Qualifications:
- Published software or open source software contributions.
- Personal web site.
- Reference letters from employers or/and Professors in topics related to Computer Programming.
- Proven Professional experience in the Computer Science field.

ATTENTION: Wherever knowledge of tools is required to be certified via website links, these need to be cited in the CV submitted with the application, in a dedicated field titled LINKS TO WEBSITES

RANKING MATCH IN QUALIFICATION 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.

	Assessment Criteria	Comments	Maximum grade of criterion	Criterion importance
1.	Grade of the undergraduate higher education degree (in a scale 0-10)	Degree grade X 10	100	10%
2.	Master's degree grade (in a scale 0-10)	Degree grade X 10	100	10%
3.	Published software or open source software contributions	IN CV: LINKS TO WEBSITES	100	10%
4.	Personal web site	IN CV: LINKS TO WEBSITES	100	5%
5.	Scientific publications in either top-tier conferences or high-impact journals in addition to the pre-requisites of five (5)	Ten (10) grades for each additional publication Grading received for at most ten (10) additional publications	100	25%
6.	Proven professional experience in European Union or/and domestic Research and Development projects	Twenty (20) grades for each year of professional experience, after the 2nd year Grading received for at most five (5) years from the 3rd to the 7th	100	20%

7.	Proven professional experience in the Computer Science field	Twenty (20) grades for each year of professional experience Grading received for at most five (5) years	100	15%
8.	Reference letters from employers or/and Professors in topics related to Computer Programming	Fifty (50) grades for each reference letter A maximum of two (2) reference letters will be taken into account for assessment.	100	5%

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[1].

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 it's official translation in Greek should be submitted.**

5) 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.

6) 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.

7) Please note that the invitation for work contracts concerning the project is not a competitive tendering procedure, while the potential selection of counterparties 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

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[1] published in NARIC (national centers for the recognition of academic titles) and ENIC (European network information centers).

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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.

8) 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.

9) 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.

10) 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.

11) RC/AUEB may, upon decision, extend the contract, provided that such an extension is in accordance with relevant Greek and international legislation.

12) This invitation for expression of interest is published on the websites of RC/AUEB, AUEB and EURAXESS as part of the project "FINE-GRAINED ANALYSIS OF SOFTWARE ECOSYSTEMS AS NETWORKS (FASTEN)", taking into account and being in accordance with the terms of the Grant Agreement No. 825328 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, 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) Form of Annex A'.
2) Detailed CV in English or Greek.
3) Copies of academic titles, degrees, **credentials and certificates**, and any other information documenting the data included in the CV (validated copies shall be provided exclusively upon request).
4) **CD including all documents in the candidate's application.**

Candidates are invited to submit their applications (form in Annex A') accompanied by CV and copies of diplomas and any other information documenting the data included in CV, to the address: **RC AUEB, 46, Kefallinias Street, Athens, 11251, Greece, Reception, 1st floor, until 17/04/2019 at 16:00,** with the following indication: **"Participation to the call for expression of interest in the context of the research project "FINE-GRAINED ANALYSIS OF SOFTWARE ECOSYSTEMS AS NETWORKS (FASTEN)", position code 2976-PR4".**

In case of postal dispatch, the postal date will be considered as the date of submission. Contact Person: Dimitris Mitropoulos, tel: +30 210-8203508.

The President of RC/AUEB

Professor Dimitris Gritzalis
Associate Rector

ANNEX A'

Name: ……………………………………………………………

Surname: ……………………………………………………......

Address: ……………………………………………….............

Tel:...

E-mail:………………………………………………………………

TO RC/AUEB

<u>**APPLICATION – CODE No. 2976-PR4**</u>

Call for expression of interest for a fixed term work contract for an experienced Informatics Scientist concerning the project "FINE-GRAINED ANALYSIS OF SOFTWARE ECOSYSTEMS AS NETWORKS (FASTEN)", position code 2976-PR4

In response to the call for expression of interest with **ref. no. 1807/9339-19**, I hereby submit my application as a researcher for the project "**FINE-GRAINED ANALYSIS OF SOFTWARE ECOSYSTEMS AS NETWORKS (FASTEN)", project code 11297601.**

☐ *** I confirm my ability to occasionally travel in Europe for work-related needs.**

* <u>**In order for the application to be valid the aforementioned box needs to be checked.**</u>

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

……………………………….

[Signature]

Date: …/…./2019