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TO BE PUBLISHED ONLINE

CALL FOR EXPRESSION OF INTEREST

The Research Committee (Special Account for Research Funds) of Aristotle University of Thessaloniki, in the framework of the project "A multimodal AI-based toolbox and an interoperable health imaging repository for the empowerment of imaging analysis related to the diagnosis, prediction and follow-up of cancer" funded under European Commission - Horizon 2020 with Academic Head, Prof. Ioanna Chouvarda, invites candidates to submit proposals for one (1) position as described below, through the award of a project contract, starting from the signing of the contract until 31/03/2024 end date of the project and with a total anticipated remuneration 18.000 € (VAT and taxes included).

The contract can be extended/The contracts can be extended in case of extension of the project, until the new end date and within the approved limits of its budget.

One (1) person / Electrical and Computer Engineer - PhD Candidate with a subject in Medical Informatics / until 31/03/2024 / up to €18,000

1. Job Description

The project aims to improve medical procedures for diagnosis, prognosis and monitoring of the course of cancer, based on Artificial Intelligence and data analysis research. For this reason, a repository of medical images and related data will be created.

The subject of the job position concerns work packages: WP4 -INCISIVE AI Features, Models Training and User Interaction, WP5 - INCISIVE Pan-European Repository of Health Images, WP6 -INCISIVE System Integration and Pilot Studies, WP7 Legal and Ethics Management και WP9 Dissemination, Awareness Raising and Clustering.

Specifically, the project's aim is:

- Data analysis and development of machine learning methods to extract indicators related to recurrence or diagnosis in various types of cancer. (WP4)
- Support for data preparation mechanisms, interoperability and creation of a common data model (WP5)
- Development of medical decision support tools and investigation of issues of acceptance of artificial intelligence by medical specialists (WP4, WP6)
- Curation, Evaluation and harmonization of data during the pilot phase of the studies (WP6).
- Writing deliverables, reports and scientific articles in journals and conferences relevant to the subject of the project and PE (WP9).
- Support and processing of bioethics issues (WP7).
- Support in the evaluation process of data, methods, services during the pilot phase of the project (WP6).

2. Required Qualifications

- Bachelor Diploma of University Education (PE) in Electrical Engineering and Computer Engineering
- PhD candidate with a subject in Medical Informatics

(Note: the status is proven by a recent certificate from the relevant Department, from which it can be seen that the candidates have the relevant status at the time of submitting the proposal)

- Professional*/ Research** of at least 24 months experience in biomedical data analysis, management and processing.
- One (1) scientific conference paper related to the analysis, processing and management of biomedical data and/or the development of predictive models.
- Two (2) publications in scientific journals or monographs or chapters in collective volumes on the analysis, processing and management of biomedical data and/or the development of predictive models.
- Excellent knowledge of the English language (C2/C2)
- Proven knowledge of R and/or Python programming language

Note: The knowledge is documented with a relevant certificate or with a relevant degree/diploma/doctoral thesis/dissertation or with relevant courses of the study cycle (analytical grade and if the correlation is not immediately apparent from the title of the course, the analytical grade should also be accompanied by the course description in the Study Guide) or by teaching relevant courses (institution certificate and/or contract).

3. Additional Qualifications

- Master's degree in University Education (PE) specializing in Medical Informatics
- Professional*/ Research** Experience from participating in (bio)informatics projects.
- Additional publications in scientific journals or monographs or chapters in collective volumes related to the analysis, processing and management of biomedical data and/or the development of predictive models.
- Additional presentations at scientific conferences related to the analysis, processing and management of biomedical data and/or the development of predictive models.

4. Qualifications Assessment

	Qualifications criteria	Credits (Researchers)
1	Master's degree in University Education (PE) specializing in Medical Informatics	200
2	Professional*/ Research** Experience (per month) and up to 60 months Note: only the months beyond the required experience are counted, so that the total required and credited experience is 84 months.	7 (per month)
3	Publications in scientific journals (per announcement) and up to 4 announcements	40 (per publication)
4	Announcements at scientific conferences (per announcement) and up to 5 announcements	15 (per announcement)

All the qualifications listed above are in relevance with the project requirements and objectives.

Required documents

1. Proposal Submission - Statement (attached)
2. Detailed table of evidence of experience, if required (attached)
3. Detailed curriculum vitae
4. Copies of Degrees

(Special cases: a) In cases where the grade is a grading criterion and is not indicated on the relevant copy of the degree, then the detailed grade is additionally submitted, b) In particular, to prove the status of the doctoral candidate or postgraduate student, it should be submitted relevant certificate from the Secretariat of the relevant Department, c) In case the specialization/direction does not appear from the Degree of Studies - for the cases of bachelor's degree and master's degree - the Analytical Grade should also be attached, while for the case of a doctoral thesis, if the specialization does not follow from its title/topic, any suitable document documenting the relevance signed by the Secretariat or the supervisor or the three-member committee should be submitted.

5. Copies of certifications and certificates of previous service, as well as any other document that will document the information mentioned in the resume and which are related to the required or considered qualifications-criteria of this invitation.

6. Copy of enlistment status certificate or army high school diploma / Copy of deferment certificate (for male candidates).

* Proof of Professional Experience:

A. For professional experience in the private sector

Certificate from the relevant insurance company is required. If the certification of the insurance company does not show the specialized experience, it is required to present a contract or service voucher that covers the duration of the specialized experience.

B. For professional experience in the public sector

Certificate of the employer and / or contract with the employer, proving the period and the object of employment is required.

**** Proof of Research Experience:**

Research or participation in research centers or programs can be counted as experience time provided that the proposal includes: certificate of the employer proving the period of employment, the subject of employment, the title and the Academic Head for each research program or project. If the object of the project does not result from the above then a relevant certification from the Academic Head is required for each research program, in which the object of the research will be mentioned.

All the above concerning the experience apply if the candidates during their participation held the required basic qualification or the required professional license or other professional license or certificate.

Male candidates must have fulfilled their military obligations or have been legally discharged from them or have been deferred for the entire duration of the project. In case the time for which a deferral of enlistment has been received does not cover in its entirety the duration of the project, ELKE AUTH is obliged to terminate the respective contract at the expiration time of the above deferral. Both the contractor of the Special Account and the Academic Head Officer of the project are obliged to immediately inform ELKE AUTH one (1) month before the end of the deferral.

Proposals and required documents should be submitted either via e-mail to (E-mail: division1@med.auth.gr) or by physical presence within hours 10:00-13:00 no later than 03/03/2023

at the Secretariat of the Department of Radiology, Anatomy, Pathological Anatomy and Technologies
KEDIP Building - 2nd floor

Aristotle University of Thessaloniki Campus

54124, Thessaloniki

Contact Phone: 2310.999.265

E-mail: division1@med.auth.gr

Katerina Lazou

and will receive a protocol number from the Department's Secretariat.

Proposals will be attributed a reference number from the Secretariat of the Department of the Academic Head of the project.

This Invitation will be published on the website of ELKE AUTH <https://rc.auth.gr/proskliseis-gia-apasholisi-se-erga> and on the website of "Diavgeia".

For more information and questions regarding the position, candidates may refer to **2310- 9992547 via phone call or via email to ioannach@auth.gr**. For information on the proposal submission process candidates may contact ELKE AUTH at **00302310-994052, 994082, 994022**.

Submitted proposals will be evaluated by a three-member Evaluation Committee based on the requirements/provisions of the call.

The candidate who wishes to submit an objection to the result (Decision for Approval of Results) is entitled to recourse either via e-mail to prosk@rc.auth.gr or in person or by post to the Special Account of Research Authorities of the Aristotle University of Thessaloniki (Research Committee AUTH, 1st floor, Office 101 - 3rd September Str., University Campus 546 36, Thessaloniki, Greece) within five (5) days from the day following the posting of the Decision for Approval of Results on the website of ELKE AUTH and Diavgeia. The candidate has the obligation to be informed about the posting of the results from the website of ELKE <https://rc.auth.gr/proskliseis-gia-apasholisi-se-erga> in the online posting of this call for expression of interest in Diavgeia. Candidates are entitled to access the data of the individual proposal file and the assessment and evaluation papers of their own and of their other co-candidates, upon written request within five (5) days of the day following announcement of the results on the website of Diavgeia and under the conditions of articles 5 of Law 2690/1999, 42 of Law 4624 / 2019 and 6 par. 1 lit. f of the GCC (EU 2016/679).

ELKE AUTH takes all appropriate measures for the protection of personal data during the evaluation process and it is strongly recommended that you read about the data protection policy and your rights on the AUTH website <https://www.auth.gr/gdpr>.

EVALUATION PROCEDURE – OTHER CONDITIONS

1. From all the proposals submitted according to the above specifications, the one that best meets the project's requirements will be selected and awarded a work contract on the basis of contractual freedom.
2. Only proposals / objections that will be received by the set date and time will be considered. In the case of postal submission, the deadline is judged on the basis of the date mentioned in the shipping file, provided that it will be received by ELKE AUTH no later than the announcement of the results. ELKE AUTH bears no responsibility for the content of the candidacy files that will be sent.
3. Changes to the proposals (replacements, corrections or submission of additional documents) are not allowed after the expiration of the deadline.
4. Any diplomas of higher education (undergraduate, postgraduate and doctoral) which are included in the Required or Additional Qualification and have been awarded by institutions abroad, must be accompanied by certificates of recognition by the Hellenic National Academic Recognition and Information Center (Hellenic NARIC). In case the diplomas mentioned above have not been recognized during the submission of the proposal, the relevant application for recognition by NARIC can be submitted. It is pointed out, however, that a contract cannot be concluded without the submission of the recognition of the academic titles by NARIC. In any case, ELKE AUTH reserves the right and discretion, depending on the needs of each research project and especially the time of its implementation, to finally contract with the next candidate that holds such certificates. In addition, when the call for expression of interest stipulates a grading/points scale of the degree, it is required to submit a certificate of the equivalent degree grade issued by NARIC. In the case that, all certificates for the recognition of a degree are provided but the certificate of the equivalent degree grade by NARIC is not submitted, the candidate's proposal will be accepted but no points for the degree will be awarded.
5. In case the diplomas of higher education have been awarded by institutions in Greece and the call requires a grading /points scale of the degree, it is required that the grade is indicated in the presented degree. If the grade is not indicated in the degree, then the detailed course score is presented. In case the degree does not indicate the grade and a detailed course score has not been submitted, the proposal of the interested person is not rejected, but the specific required qualification is not graded.
6. It is pointed out that the procedure for submitting proposals for the conclusion of a project lease contract is not competitive, while the selection of a contractor has the character of accepting the proposal and not "recruitment". The evaluation process will be completed by compiling a ranking list and / or a list of excluded, while those selected will be notified individually. In case of a tie, the proposal of the interested person is selected in order a) with the longest experience, b) with the highest bachelor's degree mark, c) with the highest master's degree mark.
7. The proposal that is first in the ranking table and has the highest score in all the scoring criteria will be the one that will be selected. In case of obstruction of the person who submitted it, the next proposal is selected until the ranking order is exhausted.
8. Any submitted proposal that does not meet the criteria of the call of the expression of interest will not be examined any further and will be automatically rejected.
9. Throughout the duration of the project, it is possible that the selected candidate(s) may be replaced, if necessary, by other candidate(s) of the present call and in accordance with the ranking list.
10. The contract may be extended without restriction, following a decision of the competent body of ELKE AUTH and if the required budget of the project allows it, without a new invitation, until the end date of the project (and in case of extension of the project until its new end date).
11. ELKE AUTH does not undertake any commitment to conclude a contract, as it is left to its full discretion to conclude or not contracts, as well as their number, excluding any claim of the interested parties.
12. The project assignment will take place in accordance with the provisions of the Program Implementation Guide.
13. The knowledge of foreign languages is certified in accordance with the provisions of the Presidential Decree 85/2022 "Determining the qualifications for appointment to positions of public sector" (A' 232/17.12.2022), especially according to the articles 10, 14 par. 3 and 15 par. 7. Foreign documents must be accompanied by photocopies of their official translation into the Greek language except for English, French, German, Italian and Spanish language certificates which, if they meet the conditions of the P.D. 85/2022, are accepted without requiring their translation.
14. For candidates, computer skills shall be certified according to the Presidential Decree 85/2022 "Determining the qualifications for appointment to positions of public sector" (A' 232/17.12.2022), especially according to the article 9.
15. It should be noted that the project assignment to candidates employed in the Public Sector, in Public and Private Bodies, etc. is subject to the provisions of paragraph 14 of Article 12 of YAKED 110427/EYTHY1020/01.11.2016

The President of the Research Committee

Professor Efstratios Stylianidis
Vice Rector Research and Lifelong Learning

SUBMISSION OF PROPOSAL - STATEMENT*
(with consequences of law on false/inaccurate statement)

Mobile phone: E-mail: VAT number:

Please note in this proposal - statement and outside of the postal file the following

(To be completed by the candidate):

The protocol number of this call

I affirm that the information given in
this proposal - statement is accurate and true

SIGNATURE

Date : ___/___/_____

Find attached : 1.
2.

**Incomplete filling of the proposal – statement constitutes a criterion for exclusion*

DETAILED TABLE DATA FOR PROOF OF EXPERIENCE

(The person concerned records all relevant experience to the subject of the call **if required**)

a/ a	From	To	(a)	(b)	Institution of Employment - Employer	Employer Category ⁽¹⁾	Task of Employment
			Months of Employment	Days of Employment			

TOTAL **GENERAL TOTAL MONTHS OF EXPERIENCE** ⁽²⁾

(1) Complete as appropriate with 'PR' or 'PU' depending on the category of the Employment Office, where PR: Private sector, individuals or private legal entities (corporations, etc.) • PU: Public sector, government agencies or public entities or local authorities of first and second degree or private entities in the public sector of par. 1 of Art. 14 of Law. 2190/1994 as in force or bodies of par. 3 of Art. 1 of Law. 2527/1997. In the case of self-employed, complete with the indication "SE".

(2) Complete the GENERAL TOTAL MONTHS OF EXPERIENCE. When, in Column (b) shows experience, the total days of employment divided by 25 (if the experience has been calculated as the number of wages) or by 30 (if the experience has been calculated as the period from the start day until the expiration date of employment) and the resulting integer is added to the total months of employment of the column (a).