



Funded by the
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TO BE PUBLISHED ONLINE

CALL FOR EXPRESSION OF INTEREST

(For submission of proposals for the conclusion of a project lease contract)

The Research Committee (Special Account for Research Funds) of Aristotle University of Thessaloniki (ELKE AUTH), in the framework of the project "**Automated solutions for sustainable and circular construction and demolition waste management**" funded by the European Commission under Horizon 2021-2027, with Academic Head Prof. Theodoros Theodosiou, Department of Civil engineering, invites candidates to submit proposals for **two (2) positions** as described below, through the award of a project contract, starting from the signing of the contract until **30/06/2025** and with a total anticipated remuneration **39.500,00 €** (VAT and taxes included). The contracts can be extended until the end date of the project **30/06/2026** (in case of extension until its completion) and within the approved limits of its budget.

One (1) person / Civil Engineer / PhD candidate / 17.500,00 € / until 30/06/2025

1. Project Description (A)

The researcher will be involved and cooperate with all the research team of AUTH under the supervision of the project's scientific responsible. The researcher will participate in all required actions in the framework of work packages **WP1** "Automation of CDW framework for RECONMATIC", **WP2** "Technology-assisted CDW minimization and mitigation during design and construction phase", **WP3** "Automation and effective repurposing, deconstruction and demolition", **WP5** "New materials derived from CDW", **WP6** "Sustainability and circularity assessment", **WP7** "Dissemination and exploitation for business and education". In the context of the above assignment, the researcher will provide research and scientific support, will contribute to the literature review and to the preparation of the project's deliverables that will be required, will participate in parts of the project management effort and will contribute to the dissemination and exploitation activities. More specifically, the researcher will support the research team in the review and the development of information data for the progress, at the national level, of management and utilization of construction demolition waste, will contribute to the development of new methods for the minimization of construction waste through digital twins and automation technologies in constructions, will prepare detailed architectural drawings of a typical green building that will serve as the main building for the research on the specific properties of the Greek building stock. As a member of the research team, the researcher will be significantly occupied in the preparation and the organization of Open-days action in the framework of an international scientific conference.

2. Required Qualifications

- University Diploma in Civil Engineering.
- PhD candidate specialized in the field of energy and environmental design of building envelopes.
- Two (2) publications in the field of building envelope's energy and environmental design in international journals with impact factor.

- Excellent knowledge of the English language (C2).

3. Additional Qualifications

- Publications in international conference proceedings indexed in Scopus, in the field of energy and environmental design of buildings.
- Participation in organizing committee(s) of international scientific conferences.

4. Qualifications Assessment

	Qualifications criteria	Credits (Researchers)
1	Diploma's degree mark	mark * 40
2	Announcements in scientific conferences (per announcement) – 6 max	15 (per announcement)
3	Conference Organization (per conference) – 5 max <i>Note: It is certified with a relevant certificate of the Academic Head or the organizer of the conference</i>	≤ 50 (10 scale)

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

One (1) person / Civil Engineer / PhD candidate / 22.000.00 € / until 30/06/2025

1. Project Description (B)

The researcher will be involved and cooperate with all the research team of AUTH under the supervision of the project's scientific responsible. The researcher will participate in all required actions in the framework of work packages WP1 "Automation of CDW framework for RECONMATIC", WP2 "Technology-assisted CDW minimization and mitigation during the design and construction phase", WP3 "Automation and effective repurposing, deconstruction and demolition", WP5 "New materials derived from CDW", WP6 "Sustainability and circularity assessment", WP7 "Dissemination and exploitation for business and education". In the context of the above assignment, the researcher will provide research and scientific support, will contribute to the literature review and to the preparation of the project's deliverables that will be required, will participate in parts of the project management effort and will contribute to the dissemination and exploitation activities. The researcher will contribute to the survey on national data regarding regulatory actions for the management of construction waste management, and will support the development and the continuous enrichment, according to the project's progress, of a digital-twin building model, with a special focus on the development of all factors affecting the Life cycle analysis of buildings and will intensively work on all project's actions relevant to Life Cycle analysis of buildings, both at the stage of construction and demolition, but mostly at the operational level of the building and its service and renovation requirements.

2. Required Qualifications

- University Diploma in Civil Engineering.
- MSc in the field of environmental design of buildings
- PhD candidate specialized in the field of energy and environmental design of building envelopes
- One (1) publication in the field of building envelope's energy and environmental design in international journals with impact factor.
- Proven knowledge of dynamic, whole buildings energy simulation tools.
Note: Knowledge proven by relevant diploma's or MSc's thesis or relevant courses during bachelor studies (analytical grading and if this is not proved directly from the course's title, then the analytical grading must be accompanied by the course description in the Studies Guidebook or by teaching relevant courses (institution certificate and / or contract).
- Proven knowledge of life cycle analysis of building envelope elements methods.
Note: Knowledge proven by relevant diploma's or MSc's thesis or relevant courses during bachelor studies (analytical grading and if this is not proved directly from the course's title, then the analytical grading

must be accompanied by the course description in the Studies Guidebook or by teaching relevant courses (institution certificate and / or contract).

- Excellent knowledge of the English language (C2).

3. Additional Qualifications

- Publications in international conference proceedings indexed in Scopus, in the field of energy and environmental design of buildings.
- Knowledge of a second foreign language (French or German or Spanish or Italian).

4. Qualifications Assessment

	Qualifications criteria	Credits (Researchers)
1	Diploma's degree mark	mark * 40
2	Announcements in scientific conferences (per announcement) – 6 max	15 (per announcement)
3a	Foreign language (Level C2)	70
3b	Foreign language (Level C1)	50
3c	Foreign language (Level B2)	30

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

Required Documents:

1. Submission of Proposal - Statement (see appendix)
2. Detailed Curriculum Vitae
3. Copies of the Degrees (Note: In case the specialization / direction do not result from the Degree, the Detailed Score should be attached. In cases where the degree is a grading criterion and is not indicated in the copy of the degree then the detailed score is submitted additionally)
4. Copies of certificates and certifications of previous service, as well as any other document that will certify the information mentioned in the CV and which are related to the Required or Additional qualifications-criteria of this call for expression of interest.
5. Copy of certificate of military stats or discharge papers / Copy of deferral of enlistment (for male candidates)

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 tgt@civil.auth.gr, or in person or by post to the following address: Laboratory of Building Construction and Building Physics, Groundfloor of Building A, Faculty of Engineering, University campus, Aristotle University of Thessaloniki, 54124, Greece, within hours 12:00-14:00 no later than **12/09/2022 at 14:00**. Proposals will be attributed a reference number from the Secretariat of the Department.

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 by phone to **00302310-995818**, or to tgt@civil.auth.gr. For information on the proposal submission process candidates may contact ELKE AUTH at **00302310-99409, 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) working 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) working 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 demonstrated in accordance with the provisions of article 28 of the P.D. 50/2001 "Determining the qualifications for appointment to positions of public sector bodies (Qualifications)" (A' 39), as it applies until repealed with the entry into force of the new P.D. for the Qualification List of the staff of the State bodies, in accordance with article 52 par. 4 para. c' of Law 4830/2021 (A' 169). As regards language qualifications, photocopies of their originals must be submitted, accompanied by photocopies of their official translation into the Greek language, with the exception of language qualifications in English, French, German, Italian and Spanish, which, if they meet the conditions of the article 28 of the P.D. 50/2001, are accepted without requiring their translation.
14. For candidates, computer skills shall be certified according to the Article 27 par.6 of Presidential Decree 50/2001" Defining qualifications for the appointments of posts in the public sector" (Government Gazette 39/5.3.2001/Issue A', 24/30.01.2013 /Issue A' and 63/9.3.2005/Issue A').
15. 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.
16. 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

Efstratios A. Stylianidis
Vice Rector Research and Lifelong Learning AUTH

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):

1. The protocol number of this call

2. The code of project object you would like to participate (A,B,C etc)

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*