



Job opportunity announcement
Senior Technical Experts
ENI CBC MED Strategic projects

Project Titles:	B_A.2.1_0056 - iHERITAGE
Programme:	ENI CBC Mediterranean Sea Basin
Financing:	European Union
Contracting authority:	CEEBA – Confederation of Egyptian Business Association
Experts to be selected:	Senior Technical Expert
Location of the contract:	Egypt, Alexandria

CEEBA is looking for senior technical experts that will support the team in reaching the objectives of the ENI CBC MED iHERITAGE project.

iHERITAGE aims at developing new techniques to improve the Mediterranean UNESCO cultural heritage interpretation, taking advantage of new technologies and commercializing the latest research results. iHERITAGE will provide new solutions through an innovation-driven growth process to promote crossborder technological transfer, Living Labs, industry-academia collaboration and the creation of spin-offs and new products, using the latest Information and Communication Technologies (ICT): Augmented Reality (AR), Virtual Reality (VR) and Mixed Reality (MR).

The objective of the project includes the following results:

- To create cross-border living labs for R&D, high training courses and, among other, research agreements, aimed at strengthening people-institutions-industry-academia collaboration and creating new ICT solutions applied to relevant cultural sites, likely to be commercialised
- To promote the spread out of AR, VR, MR and other innovative ICT solutions applied to cultural heritage and their integration with social networks, in order to ensure an enhanced access and amplified communication of the cultural heritage of Mediterranean countries
- To encourage the creation of cross-borders spin-offs dedicated to co-patenting and commercialisation of innovative products and services based on the use of AR, VR, MR and other ICT solutions applied to cultural heritage and creative industries, with aim to foster job opportunities Expert Role

Among others, the Senior Technical Experts will be responsible for the technical/professional support of the WP 3 and WP 4 of project, Providing support to develop ideas based on one or several of these technologies which will be develop by the Research Agreement:

- VR ROOM AND VR BOOTHS
- AR/VR GUIDED TOURS
- 3D RECONTEXT
- VR CARDBOARD EXCURSIONS
- SPACE-TIME ELEVATOR
- HOLOGRAPHIC EXHIBITIONS

Expert Roles:

Product: VR Room & VR Booth

1. Expert in Archeological Reconstruction (maximum 60 man-days a 100 EUR)
2. Senior Expert Editor (maximum 50 man-days a 100 EUR)
3. 3-D Graphic Designer specialized in Archeology (maximum of 200 man-days a 100 EUR)
4. VR-Application Developer (maximum of 100 man-days a 100 EUR)

Product: Archeological Reconstruction

1. Archeologist (up to 160 mandays a 100 EUR)
2. Expert in 3D Reconstruction (up to 160 mandyas a 100 EUT)

Product: Holographic Exhibitions

1. Senior Expert VR application, developer for setting up Holographic exhibition (up to 100 man-days a 100 EUR)

Product: VR application Development

1. Space-time elevator: 3D application designer, production of the interface of the space-time elevator (up to 100 man-days a 100 EUR)
- 2.

Product: 3D- Recontext

1. Expert in archeological reconstruction (up to 60 man-days a 100 Euro)
2. 3d Graphic Designer specialized in Archeology (web 3D optimization, 3d modeling for interaction in VR)
3. Photographer expert in photogrammetry (up to 70 man-days a 100 EUR)
4. 3D Graphic Designer specialized in Archeology (up to 100 man-days a 100 EUR)
5. 3D Application developer specialized in web GL, Arcore, Arkit (up to 150 man-days a 100 EUR)

Product: AR-VR guided Tours

1. Senior Expert in archeological reconstruction (up to 50 mandays a 100 EUR)
2. Senior Expert in 3D graphic design specialized in archeology (up to 80 man-days a 100 EUR)

3. Senior Expert in 3D application development, specialized in WEBGL, Arcore, Arkit (up to 38 man-days a 100 EUR

Among the tasks of the above archeological, AR/VR/MR experts is the support to develop, monitor and evaluate and technical follow-up during the development of the products to ensure its technical integrity:

- Review the ideas submitted by RA, work on developing them, and verify their feasibility
- Analyses technological standards, identifies human resources and technical skills, verifies time, and budget
- Providing technical support in stage of prototyping and testing the new products
- providing the necessary practical and theoretical training
- Throughout the project lifetime, within the living lab, he will support the stakeholders to co-create, prototype, and test new products and services, business models and technology applications within real-life environments

Applicants can apply for one or several experts' roles as described. The stated fees are the maximum possibly paid fees for experts with extensive experience and references and a proven track record of similar assignments.

Qualifications and skills

-B.A. or MA in the specified fields such as archeology, augmented reality applications, game development, hologram projection, Virtual Reality and creating VR/AR content and experiences.

- A minimum of 5 years demonstrable experience in the specified field.

-Track record in developing similar products

-Track record in working in a project team

- Excellent communication skills in English are a prerequisite.

-Excellent reporting and documentation skills

- Experience in the field of heritage is an asset

- Excellent interpersonal and communication skills required to train/mentor/coach staff and give occasional presentations

Nationality rule

The selected expert should come from countries eligible to participate in the procurement procedures as indicated in the Articles 9 of the Regulation (EU) No 236/2014,

and include:

(a) Member States, beneficiaries listed in Annex I to Regulation (EU) No 231/2014, and contracting parties to the Agreement on the European Economic Area; 4

(b) developing countries and territories, as included in the list of ODA recipients published by the OECD-DAC ('list of ODA recipients'), which are not members of the G-20 group, and overseas countries and territories covered by Council Decision 2001/822/EC;

(c) the Republic of Belarus;

(d) developing countries, as included in the list of ODA recipients, which are members of the G-20 group, and other countries and territories, when they are beneficiaries of the action financed by the Union under the Instruments covered by the Article 9 of the Regulation (EU) No 236/2014;

(e) countries for which reciprocal access to external assistance is established by the Commission. Reciprocal access may be granted, for a limited period of at least one year, whenever a country grants eligibility on equal terms to entities from the Union and from countries eligible under the Instruments covered by the Article 9 of the Regulation (EU) No 236/2014.

Period of assignment:

iHERITAGE	15 April 2022 until the end of the project foreseen 15th March 2023.
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Evaluation:

CEEBA will evaluate applicants on the basis of its responsiveness to the TOR with a key focus on:

- General and additional qualifications: general education and training, length of experience, positions held, time as a consultant, experience in ENPI countries.
- Suitability for the assignment: education, training, experience in the sector and other information relevant to the particular assignment.
- Experience of having undertaken similar assignments in the past.

All submissions (curriculum vitae, references and motivation letter and other materials useful for the evaluation) must be consistent with the TOR and should arrive no later than 12 pm, 12th of May by email to: info@ceeba.org

For any clarifications, please contact info@ceeba.org.

For more information on the project please check: <https://www.enicbcmec.eu/projects/iheritage>

For a more detailed description of the products check out this link: <https://drive.google.com/file/d/1J8gEqq7cFkQK4zV6PpyzghUsTaAfoPYW/view?usp=sharing>