

## **Call for individual Integrated Coastal Zone Management (ICZM) Expert to assist in the verification process of developing and implementing the climate resilient ICZM plan for the North Coast of Egypt**

### **1. Background**

The Enhancing Climate Change Adaptation in the North Coast and Nile Delta Regions in Egypt Project (ECCADP) aims at supporting the adaptation efforts of Egypt in the North coast and in particular the Nile Delta which is identified by the Intergovernmental Panel on Climate Change (IPCC) in its Fourth Assessment Report as one of the world's three "extremely" vulnerable deltas in the world. The objective of the ECCADP is to reduce coastal flooding risks in Egypt's North Coast due to the combination of projected sea level rise and more frequent and intense extreme storm events. Output 1 focuses on constructing 69 km of sand dune dikes at five vulnerable hotspots within the Nile Delta that were identified during an engineering scoping assessment and technical feasibility study. Output 2 focuses on the development of a climate resilient Integrated Coastal Zone Management (ICZM) plan for the entire North Coast of Egypt, to manage long-term risks including climate change.

The ECCADP will facilitate transformational change in the short-term by reducing coastal flooding threats along vulnerable hotspots in the Delta and in the long-term by integrating additional risks of climate change into coastal management and planning, budgeting and implementation of risk reduction measures. The ECCADP is implemented by the Ministry of Water Resources and Irrigation (MWRI) and is jointly funded by the Government of Egypt (GoE), the Green Climate Fund (GCF) and the United Nations Development Programme (UNDP).

The ECCADP recruited an international consultancy firm to develop and assist in the implementation of a climate resilient ICZM plan for the North Coast of Egypt. The consultancy firm will build on the various outputs of the ICZM scoping study (<http://iczmegyptmaps.ihcantabria.com/Visor>) that was undertaken within the GEF/UNDP funded project, Adaptation to Climate Change in the Nile Delta through ICZM (ACCADP) which was completed in June 2018.

The project seeks to recruit an individual ICZM Expert to assist in the verification process of developing and implementing the climate resilient ICZM plan for the North Coast of Egypt - related tasks - as described below in the duties and responsibilities section.

## 2. Duties and responsibilities:

2.1 Review and approve the following items (consultancy firm' deliverables):

2.1.1 Elaboration of ICZM plan including but not limited to:

- A climate resilient ICZM plan, defining objectives and options for site-specific measures e.g. coastal defense structures, managed retreat, set-back lines, regulations for land-use and constructions, mitigation and contingency plans, setting of safety standards, etc.

2.1.2 Initiate implementation of the climate resilient ICZM plan.

2.1.3 Implementation process of ICZM plan for two pilot sites in the Egyptian northern coasts.

2.1 Advise on corrective measures for the any defects in the ICZM activities regarding the related tasks.

2.2 Participate in meetings and field trips - if needed- with the ICZM consultancy firm and relevant stakeholders.

2.3 Provide expert opinion on matters related to the ICZM plan.

2.4 Provide expert opinion and help in making appropriate decisions in case there is a disagreement between the consultancy firm and the project management unit, or the stakeholders involved in the development of the ICZM plan.

## 3. Duration

3.1 ECCADP will contract the expert for eighteen months within which S/He will be asked to deliver a number of reports and attend a number of meetings as part of the process of developing and implementing the climate resilient ICZM plan for the North Coast of Egypt. This contract can be renewed based upon the project requirements and the evaluation of the performance of the work carried out in the preceding year.

3.2 The estimated working days for this task is 60 days during the period of July 2022 – January 2024, and the expert will be contacted for each duty at least two weeks before their planned dates.

## 4. Deliverables

4.1 Reports that include the review and evaluation of the following items:

4.1.1 Elaboration of ICZM plan including but not limited to:

- A climate resilient ICZM plan, defining objectives and options for site-specific measures e.g. coastal defense structures, managed retreat, set-back lines, regulations for land-use and constructions, mitigation and contingency plans, setting of safety standards, etc.

4.1.2 Initiate implementation of the climate resilient ICZM plan.

4.1.3 Implementation process of ICZM plan for two pilot sites in the Egyptian northern coasts.

4.2 Propose corrective measures to fix any deviations from the ICZM consultancy firm.

4.3 Provide expert opinion – in writing- on matters related to the ICZM plan and in case there is a disagreement between the consultancy firm and the project management unit, or the stakeholders involved in the development of the ICZM plan.

4.4 Final report that includes verification process and approval of the above-mentioned deliverables (4.1.1~ 4.1.3).

4.5 lessons learned and recommendations for improvement.

## 5. Qualifications and Experience

- 5.1 University degree in coastal, marine, or environmental engineering, urban development, or related relevant discipline, preferably at MSc. level.
- 5.2 A minimum of (20) years of professional experience in ICZM implementation process.
- 5.3 Previous work experience with similar projects is mandatory.
- 5.4 Experience with Integrated Coastal zone and shoreline management projects in Egypt or in countries with similar conditions and comparable complexities would be an advantage.
- 5.5 Knowledge of relevant national and local institutions would be an advantage.
- 5.6 Fluency in written and spoken English is must and in Arabic is advantage.

## 6. Application:

Please submit your application letter, recent CV, and a financial offer including daily rate and breakdown of costs for achieving the above deliverables to the below email specifying the title of the post:

Dr Mohamed Ahmed

egyptgcfproject@gmail.com

Consultancy notice issued on January 1<sup>st</sup>, 2022.

Deadline for application is August 1<sup>st</sup>, 2021.

## 7. Evaluation / Selection Process

All applicants will be screened against qualifications and the competencies set above.

Candidates fully meeting the requirements will be further evaluated based on the criteria below:

### 7.1 Technical Criteria CV review: 70 points (minimum pass score = 50 points):

- 7.1.1 Educational qualification as defined in the ToR (10 points).
- 7.1.2 Experience as defined in the ToR (20 points).
- 7.1.3 Relevant work experience in verification process of ICZM plan (20 points).
- 7.1.4 Experience of the Egyptian northern coasts (20 points).

### 7.2 Financial Criteria: 30 points.

- 7.2.1 Financial scores will be calculated using the formula [lowest offer / financial offer of the candidate x 30].