

REQUEST FOR EXPRESSIONS OF INTEREST CONSULTING SERVICES

Arab Republic of Egypt

**Greater Cairo Air Pollution Management and Climate Change Project
Project (P172548)**

Assignment Title: Developing Advanced Air Quality Forecasting System – Integrating & Analyzing the Air Quality Forecasting Data

Reference No. (as per Procurement Plan): EG-EEAA- 360728 -QCBS

The Greater Cairo Air Pollution Management and Climate Change Project aims at reducing air emissions from critical sectors and increase resilience to air pollution in Greater Cairo. The Project aims more specifically at reducing air emissions which is a key step toward the reduction of pollution concentrations and improvement of air quality. The Project focuses on the two main sources of air pollution: open burning of solid waste and vehicle emissions and will geographically cover Greater Cairo (i.e., Cairo, Giza and Qalubiah Governorates -- GC); and include four main components aiming at: (i) enhancing the air quality decision support system in Egypt; (ii) improving Solid Waste Management services; (iii) reducing air and climate pollutants from vehicle emissions; and (iv) furthering stakeholder engagement, awareness and communication.

The Project aims specifically to reduce emissions that contribute to air pollution concentrations, thus leading to air quality improvements, and to simultaneously mitigate climate change. Air pollutants include PM₁₀ and PM_{2.5}, while climate pollutants include both longer lived greenhouse gases (GHGs) such as CO₂, as well as Short-lived Climate Pollutants (SLCPs) that include black carbon, methane and several short-lived HFCs.

The main objective of the assignment is to develop an advanced Air Quality Forecasting system by a qualified consulting firm, referred to hereafter as “the Consultant”. The Consultant will also be asked to develop a public information portal that provides the general public with information on air quality conditions.

The Consultant is requested to conduct the following tasks:

1. Study recommendations for EEAA new advanced early warning system.
2. Development of advanced Air Quality Forecasting system.
3. Create a public information portal.
4. Capacity Building and knowledge transfer.

The detailed Terms of Reference (ToR) for the assignment is found on the following link
(<https://www.eeaa.gov.eg/Uploads/Notification/Files/20231116130323865.pdf>)

The Ministry of Environment (MoE) now invites eligible Consulting Firms to indicate their interest in providing the Services. Interested Consulting Firms should provide information demonstrating that they

have the required qualifications and relevant experience to perform the Services. The shortlisting criteria are:

- Consulting firms are expected to have successfully completed and demonstrated experience with at least 3 similar projects in developing advanced air quality forecasting systems, requiring complex data analysis, and environmental assessments in low- and middle-income countries; with hand-on capacity building and institutional strengthening components.
- The firm is expected to have a minimum of 10 years experience providing consulting services in environmental management and planning.

The attention of interested Consultants is drawn to Section III, paragraphs, 3.14, 3.16, and 3.17 of the World Bank's "Procurement Regulations for IPF Borrowers" July 2016 revised November 2017 & August 2018 ("Procurement Regulations"), setting forth the World Bank's policy on conflict of interest. In addition, please refer to the following specific information on conflict of interest related to this assignment: Consultants shall not be hired for any assignment that would be in conflict with their prior or current obligations to other clients, or that may place them in a position of being unable to carry out the assignment in the best interests of the Borrower. Without limitation on the generality of the foregoing:

A Consulting Firm will be selected in accordance with the "Quality & Cost Based Selection - QCBS method" set out in the Procurement Regulations".

Consultants may associate with other firms to enhance their qualifications, but should indicate clearly whether the association is in the form of a joint venture and/or a sub-consultancy. In the case of a joint venture, all the partners in the joint venture shall be jointly and severally liable for the entire contract, if selected.

Further information can be obtained at the address below during office hours 09:00 to 17:00.

Expressions of interest must be delivered in a written form to the address below (in person, or by mail, or by fax, or by e-mail) by **21st of December , 2023 – 2:00 pm.**

Submission Date will be extended to 4th of January 2024 – 2:00 pm (CLT).

Greater Cairo Air Pollution Management and Climate Change Project

Attn: Dr. Ali Abo Sena - National Director

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