

# **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 Mobile Source Emissions Inventory & Emissions Inventory Integration

**Reference No. (as per Procurement Plan):** EG-EEAA-346356-CS-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 will focus 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 will 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.

Successful Air Quality Management (AQM) planning requires a detailed assessment of these emissions in ways that enable decision makers to (i) understand the many sectors that contribute to a city's air pollution problems, (ii) track the effectiveness of policies and strategies over time to establish an accountability framework for both climate mitigation and AQM planning and (iii) utilize these data to conduct periodic international reporting and to process emissions estimates for dispersion modeling, critical to AQ forecasting.

This assignment seeks a Consulting Firm to provide support to the Egyptian Environmental Affairs Agency (EEAA) and the cities of Cairo, Giza and Qalubiah to review and evaluate the existing emission inventories for criteria air pollutants, greenhouse gases (GHGs) and short-lived climate pollutants (SLCPs), fill any gaps in the existing inventories for point, area, biogenic and geogenic sources, develop a complete mobile sources inventory, and integrate each of these into a single unified database useful for policy tracking, international reporting, and dispersion modeling/forecasting to address air pollution and climate mitigation in GC and Egypt.

The detailed Terms of Reference (ToR) for the assignment is found on the following link:  
<https://www.eeaa.gov.eg/Uploads/Notification/Files/20230320121501470.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:

- Experience in air quality management planning.
- Experience in emissions inventory development, inventory verification system, and establishing ongoing reporting mechanisms.
- Experience in dispersion modeling.
- Experience in international GHG reporting.
- Experience in developing vehicle emissions factors (gasoline, diesel & NG), and establishing ongoing reporting mechanisms.
- Broad access to both academic and private sector expertise that can contribute knowledge to Egyptian agencies, institutions and personnel.
- Experience in capacity building in the use, updating and processing of the emissions data for future policy tracking, air dispersion modeling and international reporting, and in undertaking complex data analysis and environmental assessments in low- and middle-income countries.

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, Consultants shall not be hired under the circumstances set forth below:

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

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 e-mail) by 10<sup>th</sup> of April, 2023 – 02:00 pm.

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