

REQUEST FOR EXPRESSIONS OF INTEREST CONSULTING SERVICES

Arab Republic of Egypt GREATER CAIRO AIR POLLUTION MANAGEMENT AND CLIMATE CHANGE “GCCC” PROJECT - PROJECT (P172548)

Assignment Title: Developing Guidelines for the Healthcare Waste Management in Egypt

Reference No. (as per Procurement Plan): EG-EEAA-474647-CS-CQS

The Greater Cairo Air Pollution Management and Climate Change Project (herein “the Project”) aims at reducing air emissions from critical sectors and increasing 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 two of the primary sources of air pollution in the Greater Cairo (GC) region (i.e., Cairo, Giza and Qalyoubia Governorates): open burning of solid waste and vehicle emissions; and will include six main components aiming at: (i) enhancing the air quality management framework and decision support system in Egypt; (ii) improving Solid Waste Management services; (iii) reducing air and climate pollutants from vehicle emissions; (iv) furthering stakeholder engagement, awareness and communication; (v) project management and monitoring & evaluation (M&E); (vi) addressing the important issue of unintended emissions of POPs.

Brief description about the Enhanced E-Waste and HCW management for Reduction of uPOPs:

It is an additional finance (AF) to the parent project; this new activity focuses on reduction of unintended persistent organic pollutants (uPOPs) aligns with the “GEF Project Design and Review Considerations in Response to the COVID-19 Crisis and the Mitigation of Future Pandemics”. This new component will comprise 3 sub-components.

Sub-component 6.2: Supporting Effective Healthcare Waste Management, Models, and Solutions has been designed under the proposed Greater Cairo Air Pollution Management and Climate Change project (P172548).

This sub-component aims to strengthen the enabling environment for sustainable healthcare waste (HCW) management. It seeks to develop and pilot innovative solutions to reduce unintentional Persistent Organic Pollutants (uPOPs) emissions and promote long-term systemic changes in HCW practices across Egypt.

Key activities under this sub-component include:

- (i) developing and modeling public/private financing and investment models for collection and treatment of HCW.
- (ii) providing technical assistance to select healthcare institutions on utilization of possible financial mechanisms, procurement of environmentally-sound equipment, training of staff, and integration with the new protocols and facilities.
- (iii) supporting the preparation of a plan to roll out proper HCW management throughout the country in collaboration with key agencies and stakeholders (including women and other vulnerable communities).
- (iv) pilot appropriate recycling and re-sale of safely segregated HCW.

The requested services covered by these terms of reference are to support the Project Coordination Unit (PCU) and the Technical Implementation Units (TIUs) of “Greater Cairo Air Pollution Management and Climate Change (GGAP&CC) Project” in the implementation of the service of **Developing Guidelines for the Healthcare Waste Management in Egypt**

The Ministry of Environment (MoE) now invites eligible consultancy firms to indicate their interest in providing the services. Interested suppliers should provide information demonstrating that they have the required qualifications and relevant experience to perform the scope.

The shortlisting criteria is:

#		Percentage
1	Company Profile for each consultant firm.	10 %
2	Proven prior experience of at least 7 years in HCWM, in the Healthcare sector.	20 %
3	Proven experience at least one similar assignment (the preparation the HCWM guidelines).	25 %
4	The consulting firm key Experts must have adequate skills and experience related to the assignment of similar scale and scope in HCWM.	25 %
5	Familiarity with the world Bank's Regulation /Environmental Laws and regulations of Egypt and any applicable healthcare waste management guidelines.	20 %

Total points for the five criteria: 100

The minimum technical score (St) required to pass is 75

The Consulting Firm will be selected in accordance with the Request for Proposal with the **Consultants Qualification Selection - CQS 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 mail below (by e-mail) by:
7th May- 12pm (CLT)

Greater Cairo Air Pollution Management and Climate Change "GCCC" Project

Attn: **Ms. Heba Elkarkari – Procurement Consultant**

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The detailed Terms of Reference "TOR" including the scope of work and deliverables for the assignment is found below.

Terms of reference

A. Introduction

To ensure the integration of healthcare waste management into broader environmental and climate initiatives. Sub-component 6.2: Supporting Effective Healthcare Waste Management, Models, and Solutions has been designed under the proposed Greater Cairo Air Pollution Management and Climate Change project.

This sub-component aims to strengthen the enabling environment for sustainable healthcare waste (HCW) management. It seeks to develop and pilot innovative solutions to reduce unintentional Persistent Organic Pollutants (uPOPs) emissions and promote long-term systemic changes in HCW practices across Egypt.

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B. Objectives of the Assignment

The project seeks to develop updated guidelines for the Healthcare Waste Management (HCWM) system in Egypt. This process will include revising and enhancing guidelines from previous projects and integrating the requirements and procedures of all relevant stakeholders into a unified framework.

This initiative aims to establish a robust, scalable, and sustainable HCWM system that aligns with national priorities and adheres to global environmental standards, contributing significantly to the development of comprehensive healthcare waste management practices in Egypt. The scope of the

guidelines will address all stages of Health Care Waste Management (HCWM) including generation, identification, segregation, storage, transportation, treatment, and disposal.

C. Specific Consultancy Tasks:

To develop comprehensive and updated HCWM guidelines in line with national and international standards, the Consultant will undertake the following tasks:

1. Review Existing Committees

- Assess the roles and responsibilities of existing committees (for examples Hazardous Waste Materials Committee in MOH, Committee 53 on Hazardous Materials and Waste in WMRA, Technology Accreditation Committee in MOH and EDA) within each relevant entity to ensure integration and effective coordination among stakeholders.

2. Review Existing Guidelines

- Analyze and evaluate existing HCWM guidelines and frameworks developed in previous projects. Analyze the guidelines already in use and/or issued by various agencies and ministries.
- Identify gaps and areas requiring updates based on current regulations and practices.
- Identify the gaps of the previously developed guidelines with international standards (e.g. the World Health Organization requirements).

3. Stakeholder Engagement

- Collect and consolidate requirements, standards, and procedures from key entities such as Ministry of Environment (MOE), Ministry of health (MOH), Egyptian Drug Authority (EDA), Ministry of Higher Education (MOHE), and other relevant stakeholders.
- Organize consultations and workshops with stakeholders to gather feedback and ensure alignment.

4. Review of the HCW audit report for the selected hospitals under study in this project.

- The consultant should review and take into consideration the findings of the healthcare waste audit report conducted in this project at the two hospitals under study.

5. Develop Updated Guidelines

- Draft comprehensive HCWM guidelines incorporating:

- National regulations and policies
- Input from stakeholders.
- Operational organization scheme for effective management of HCW
- Communication and awareness-raising program for healthcare establishment personnel.
- A shorter guidelines version with flow diagrams and infographics to communicate with stakeholders to facilitate implementation of the guidelines

6. Validation and Finalization

- Circulate the draft guidelines to stakeholders for validation and feedback.
- Revise and finalize the guidelines based on received input.
- Organize a workshop with all stakeholders to present the final version.

D. Deliverables:

- A detailed work plan outlining the timeline for the proposed tasks.
- Draft guideline for healthcare waste management.
- Final updated guidelines including the shorter version and stakeholder communications materials, incorporating all feedback and aligning with national and international standards.

Notes: Final updated guideline shall be prepared in English and Arabic

E. Required Consultant Team competencies

The Consultant(s) shall have completed at least one similar assignment (i.e., Guidelines for HCW management) and have 7 years of professional experience working in HCWM in the Healthcare sector. The following areas of expertise are mandatory within the team members:

- Master's degree or Ph.D. degree in pharmacy, medicine, medical science, environmental engineering, environmental science, or related discipline for healthcare.
- At least 7 years of experience with international auditing protocols and assessments specifically in health care waste management
- Familiarity with the national laws and regulations of Egypt and any applicable national healthcare waste management guidelines

- Demonstrated experience in conducting consultations, interviews and auditing techniques,
- Good communications skills, both oral and written, and ability to write well in English and Arabic

F. Timeframe and payment schedule

The Consultant shall prepare the final HCWM guidelines. The total duration of the contract is **10 months from the date of contract signature and Notice to Proceed (NTP).**

The consultant is expected to deliver the following outputs according to the following schedule:

Output	Timeframe	Payment Schedules
A detailed work plan outlining the timeline for the proposed tasks	10 days from NTP	30 %
Draft HCWM guideline.	7 months from NTP	
Final HCWM guideline.	3 months after submission of accepted Draft.	70 %