

Arab Republic of Egypt
Ministry of Environment

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

Terms of Reference
for
Updating guideline for the Healthcare Waste Management in Egypt

August, 2026

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 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 unintentionally-produced 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.

B. Objectives of the Assignment

The project seeks to update the existing 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.

C. Specific Consultancy Tasks:

To update the existing HCWM guideline in line with national and international standards, The guidelines are intended to be technically binding and developed in accordance with the applicable legislative framework, including the Waste Management Law No. 202 of 2020, its Executive Regulations, and any other relevant laws and regulations governing this matter. The guidelines will be issued by the Ministry of Environment, which will also be responsible for their oversight, periodic review, and updates, as necessary. the Consultant will undertake the following tasks:

1. Review Existing Institutional Framework

- 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 Egyptian Drug authority (EDA)) within each relevant entity to ensure integration and effective coordination among stakeholders.

2. Review Existing Legal Guidelines

- Review and update the existing HCWM guidelines developed under the GEF Medical and E-waste Project (2018), incorporating legislative and institutional updates, including the roles and responsibilities of all relevant authorities and stakeholders (**WMRA, EEAA, MOHP, MOHE, EDA**) involved in healthcare waste management. Identify gaps and areas requiring updates based on current regulations and practices.

3. Stakeholder Engagement

- Collect and consolidate requirements, standards, and procedures from key entities such as WMRA, EEAA, MOHP, EDA, Ministry of higher education (MOHE), and other relevant stakeholders.
- Organize consultations and workshops with stakeholders to gather feedback and ensure alignment.

4. Review HCW audit report conducted for the Ain Shams Specialized and French Kasr elany hospitals conducted within 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. Update Existing Guidelines

- Draft comprehensive HCWM guidelines incorporating:
 - National regulations and policies.
 - Input from stakeholders.
- Address all stages of HCWM, including generation, identification, segregation, storage, transportation, treatment, and disposal.

5. Validation and Finalization

- Circulate the draft guidelines to stakeholders (**WMRA, EEAA, MOHP, MOHE, EDA**) 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.
- Report on the review of existing guidelines and identified gaps.

- Stakeholder consultation report summarizing collected inputs and feedback.
- Draft healthcare waste management guideline for adoption by the Ministry of Local development and Environment in coordination with the relevant competent authorities. Submit a concise "Key Issues and Resolution Report" outlining:
 - (i) the main gaps and inconsistencies identified in the existing HCWM guidelines and how they have been addressed in the updated draft; and
 - (ii) the key improvements and strengthened provisions introduced, together with a brief rationale for each revision.
- Final updated guidelines, 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 assignment shall be carried out by a multidisciplinary team of experts. Collectively, the proposed team shall have successfully completed at least one similar assignment involving the development or updating of Healthcare Waste Management (HCWM) guidelines. The team shall include experts with a minimum of seven (7) years of relevant professional experience in Healthcare Waste Management (HCWM) and the healthcare sector. Collectively, the team shall possess expertise in healthcare waste management, environmental management. The following areas of expertise are mandatory within the proposed team. 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 assessments specifically in healthcare waste management
- Familiarity with the national laws and regulations of Egypt and any applicable national healthcare waste management guidelines, and familiarity with international best practice in HCW management.
- Demonstrated experience in conducting consultations, interviews and auditing techniques,
- Good communications skills in both oral and written English and Arabic, and ability to write well in English and Arabic

F. Timeframe

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
A detailed work plan outlining the timeline for the proposed tasks	10 days from NTP
Report on the review of existing guidelines and identified gaps.	1 month from NTP
Stakeholder consultation report summarizing collected inputs and feedback.	3 months from NTP
Draft HCWM guideline.	5 months from NTP
Final HCWM guideline.	5 months after submission of accepted Draft.